

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	08-OCT-2010
Start Time of First Product	00:11:33
Stop Time of Last Product	23:09:51
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_101008GSEP6665.E2	08-OCT-2010	01:06:17.287
EGOI_101008GSEP6694.E2	08-OCT-2010	02:43:07.379
EGOI_101008GSEP6723.E2	08-OCT-2010	04:24:32.005
EGOI_101008GSEP6730.E2	08-OCT-2010	06:06:44.629
EGOI_101008HLEP8000.E2	08-OCT-2010	00:11:33.455
EGOI_101008HLEP8009.E2	08-OCT-2010	01:54:14.581
EGOI_101008HLEP8020.E2	08-OCT-2010	22:07:56.525
EGOI_101008KSEP0587.E2	08-OCT-2010	06:24:46.238
EGOI_101008KSEP0602.E2	08-OCT-2010	08:04:40.850

EGOI_101008KSEP0620.E2	08-OCT-2010	09:44:18.960
EGOI_101008KSEP0642.E2	08-OCT-2010	11:23:58.571
EGOI_101008KSEP0660.E2	08-OCT-2010	13:03:03.678
EGOI_101008KSEP0669.E2	08-OCT-2010	14:41:53.789
EGOI_101008KSEP0695.E2	08-OCT-2010	16:19:33.388
EGOI_101008KSEP0725.E2	08-OCT-2010	17:57:38.488
EGOI_101008KSEP0757.E2	08-OCT-2010	19:35:34.593
EGOI_101008KSEP0788.E2	08-OCT-2010	21:15:53.207
EGOI_101008KSEP0804.E2	08-OCT-2010	22:58:37.338
EGOI_101008MAEP8034.E2	08-OCT-2010	08:13:10.900
EGOI_101008MAEP8050.E2	08-OCT-2010	09:51:44.504
EGOI_101008MIEP2765.E2	08-OCT-2010	02:39:35.859
EGOI_101008MIEP2794.E2	08-OCT-2010	04:18:42.470
EGOI_101008MIEP2820.E2	08-OCT-2010	14:59:52.395
EGOI_101008MIEP2838.E2	08-OCT-2010	16:38:29.002
EGOI_101008MMEP6293.E2	08-OCT-2010	00:21:54.517
EGOI_101008MMEP6300.E2	08-OCT-2010	02:03:58.144
EGOI_101008MMEP6309.E2	08-OCT-2010	08:51:47.139
EGOI_101008MMEP6317.E2	08-OCT-2010	10:32:13.258
EGOI_101008MMEP6322.E2	08-OCT-2010	12:12:22.873
EGOI_101008MMEP6331.E2	08-OCT-2010	13:52:27.988
EGOI_101008MMEP6339.E2	08-OCT-2010	17:11:21.702
EGOI_101008MSEP2210.E2	08-OCT-2010	01:00:30.752
EGOI_101008MSEP2226.E2	08-OCT-2010	10:00:11.558
EGOI_101008MSEP2249.E2	08-OCT-2010	11:36:58.654
EGOI_101008MSEP2272.E2	08-OCT-2010	13:17:54.772
EGOI_101008MSEP2305.E2	08-OCT-2010	22:45:50.764
EGOI_101008SGEP8523.E2	08-OCT-2010	03:24:04.629
EGOI_101008SGEP8530.E2	08-OCT-2010	05:03:06.736
EGOI_101008SGEP8537.E2	08-OCT-2010	14:18:16.140

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	80864	08-OCT-2010	06:23:15.387	06:24:46.238	90.851000
KS	80865	08-OCT-2010	08:02:23.345	08:04:40.850	137.50500
KS	80866	08-OCT-2010	09:42:00.123	09:44:18.959	138.83600
KS	80867	08-OCT-2010	11:21:33.407	11:23:58.571	145.16400
KS	80868	08-OCT-2010	13:00:45.565	13:03:03.678	138.11300
KS	80869	08-OCT-2010	14:39:28.864	14:41:53.788	144.92400
KS	80870	08-OCT-2010	16:17:09.060	16:19:33.388	144.32800
KS	80871	08-OCT-2010	17:55:00.887	17:57:38.488	157.60100

KS	80872	08-OCT-2010	19:33:41.383	19:35:34.593	113.21000
KS	80873	08-OCT-2010	21:14:07.336	21:15:53.207	105.87100
KS	80874	08-OCT-2010	22:56:54.811	22:58:37.338	102.52700
GS	80861	08-OCT-2010	01:04:44.472	01:06:17.287	92.815000
GS	80862	08-OCT-2010	02:41:23.555	02:43:07.379	103.82400
GS	80863	08-OCT-2010	04:22:44.877	04:24:32.004	107.12700
MS	80867	08-OCT-2010	11:34:30.474	11:36:58.654	148.18000
MS	80868	08-OCT-2010	13:15:33.702	13:17:54.772	141.07000
MS	80874	08-OCT-2010	22:43:53.334	22:45:50.764	117.43000
MA	80865	08-OCT-2010	08:11:57.015	08:13:10.899	73.884000
MA	80866	08-OCT-2010	09:50:02.641	09:51:44.503	101.86200
MI	80862	08-OCT-2010	02:37:27.825	02:39:35.859	128.03400
MI	80863	08-OCT-2010	04:16:33.630	04:18:42.469	128.83900
MI	80869	08-OCT-2010	14:57:42.111	14:59:52.395	130.28400
MI	80870	08-OCT-2010	16:36:14.694	16:38:29.001	134.30700
MM	80860	08-OCT-2010	00:20:34.518	00:21:54.516	79.998000
MM	80861	08-OCT-2010	02:02:50.679	02:03:58.143	67.464000
MM	80865	08-OCT-2010	08:50:37.466	08:51:47.138	69.672000
MM	80866	08-OCT-2010	10:30:51.349	10:32:13.257	81.908000
MM	80867	08-OCT-2010	12:10:51.473	12:12:22.872	91.399000
MM	80868	08-OCT-2010	13:50:37.568	13:52:27.987	110.41900
MM	80868	08-OCT-2010	13:55:11.498	14:03:21.469	489.97100
MM	80870	08-OCT-2010	17:09:22.504	17:11:21.702	119.19800
SG	80862	08-OCT-2010	03:18:25.975	03:24:04.629	338.65400
SG	80863	08-OCT-2010	05:01:03.730	05:03:06.736	123.00600
SG	80868	08-OCT-2010	14:16:00.871	14:18:16.139	135.26800
SG	80868	08-OCT-2010	14:19:37.150	14:25:59.436	382.28600

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	80860	08-OCT-2010	00:09:13.585	00:23:50.792	877.20700
HO	80861	08-OCT-2010	01:52:05.857	02:01:33.979	568.12200
BE	80862	08-OCT-2010	03:07:23.468	03:20:47.765	804.29700
MM	80862	08-OCT-2010	03:45:52.486	03:52:43.878	411.39200
CM	80862	08-OCT-2010	02:39:34.343	02:44:54.385	320.04200

CM	80862	08-OCT-2010	04:14:49.444	04:27:11.013	741.56900
BE	80863	08-OCT-2010	04:48:11.051	04:57:04.899	533.84800
MM	80863	08-OCT-2010	05:28:36.726	05:34:23.869	347.14300
MM	80864	08-OCT-2010	07:10:02.384	07:17:18.003	435.61900
JO	80864	08-OCT-2010	06:50:14.625	07:01:17.082	662.45700
JO	80865	08-OCT-2010	08:27:02.651	08:42:00.521	897.87000
MA	80867	08-OCT-2010	11:31:18.528	11:39:02.709	464.18100
SG	80868	08-OCT-2010	14:16:00.871	14:25:59.436	598.56500
BE	80869	08-OCT-2010	14:24:04.913	14:37:23.843	798.93000
MM	80869	08-OCT-2010	15:30:07.764	15:42:45.472	757.70800
GS	80869	08-OCT-2010	14:51:10.064	15:03:36.334	746.27000
CM	80869	08-OCT-2010	15:03:02.022	15:08:00.326	298.30400
GS	80870	08-OCT-2010	16:30:13.415	16:43:49.818	816.40300
CM	80870	08-OCT-2010	16:38:48.405	16:51:07.690	739.28500
MM	80871	08-OCT-2010	18:48:30.538	19:01:07.162	756.62400
GS	80871	08-OCT-2010	18:11:04.961	18:19:22.031	497.07000
JO	80871	08-OCT-2010	19:10:25.448	19:19:16.978	531.53000
MM	80872	08-OCT-2010	20:27:50.995	20:40:34.945	763.95000
MA	80872	08-OCT-2010	19:27:53.331	19:39:19.130	685.79900
JO	80872	08-OCT-2010	20:47:04.316	21:02:05.897	901.58100
HO	80873	08-OCT-2010	22:01:54.496	22:12:13.831	619.33500
MM	80873	08-OCT-2010	22:07:47.478	22:20:19.042	751.56400
MA	80873	08-OCT-2010	21:05:56.360	21:19:16.456	800.09600
JO	80873	08-OCT-2010	22:28:28.287	22:37:51.571	563.28400
HO	80874	08-OCT-2010	23:38:11.695	23:52:34.855	863.16000
MM	80874	08-OCT-2010	23:48:39.233	00:00:17.457	698.22400

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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

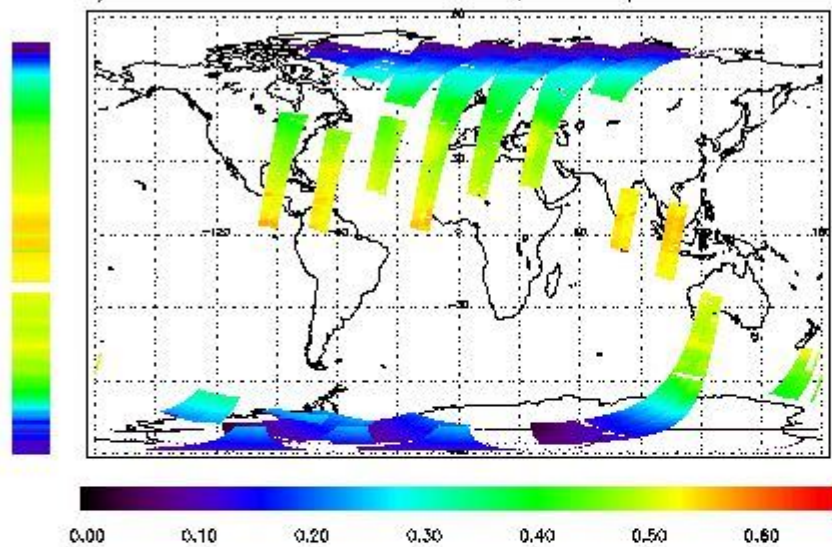
First Product : 08-OCT-2010 00:11:33.455 : ORBIT : 80860.5575

Last Product : 08-OCT-2010 23:09:50.904 : ORBIT : 80874.2583

Total Products Processed : 17448 Day : 281

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331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



Ozone Line Ratio
NA

PMD Image (Earthshine Radiance)
NA

3 - Instrument Calibration

3.1 - Solar Calibration (Daily/TST44)

Daily(D)/TST44(T)	Start Time	End Time (T)	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	14:46:10.312	--	80689	Yes	--	15227

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(Q)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any) (V)	Lamp Failure N. (if any)
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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	End Orbit	MPS Resumption	Ground Station Visibility
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
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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
--	--	--

5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

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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01:00 05-Sep	--	80388	--
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(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors