

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	05-NOV-2010
Start Time of First Product	23:53:24 (04-Nov)
Stop Time of Last Product	23:29:52
Number of EGOI Products analysed	43
Number of corrupted products	--
Anomalies and/or Special Operations	<i>Narrow Swath continued from previous day, stop orbit: 81269</i>

1.2 - List of received products

Name	Date	Time
EGOI_101105CMEP1413.E2	05-NOV-2010	02:58:44.385
EGOI_101105CMEP1419.E2	05-NOV-2010	04:38:51.004
EGOI_101105CMEP1430.E2	05-NOV-2010	15:22:12.972
EGOI_101105CMEP1436.E2	05-NOV-2010	17:00:19.580
EGOI_101105GSEP8688.E2	05-NOV-2010	01:25:34.813
EGOI_101105GSEP8722.E2	05-NOV-2010	03:03:09.912
EGOI_101105GSEP8752.E2	05-NOV-2010	04:45:39.043
EGOI_101105GSEP8760.E2	05-NOV-2010	06:27:33.681
EGOI_101105KSEP7587.E2	04-NOV-2010	23:53:23.742

EGOI_101105KSEP7601.E2	05-NOV-2010	06:44:45.783
EGOI_101105KSEP7620.E2	05-NOV-2010	08:24:43.398
EGOI_101105KSEP7638.E2	05-NOV-2010	10:04:24.516
EGOI_101105KSEP7659.E2	05-NOV-2010	11:43:58.131
EGOI_101105KSEP7688.E2	05-NOV-2010	13:22:58.739
EGOI_101105KSEP7702.E2	05-NOV-2010	15:01:38.350
EGOI_101105KSEP7727.E2	05-NOV-2010	16:39:19.450
EGOI_101105KSEP7757.E2	05-NOV-2010	18:17:02.054
EGOI_101105KSEP7788.E2	05-NOV-2010	19:56:01.170
EGOI_101105KSEP7810.E2	05-NOV-2010	21:36:52.786
EGOI_101105KSEP7827.E2	05-NOV-2010	23:20:09.925
EGOI_101105MAEP9312.E2	05-NOV-2010	08:32:53.945
EGOI_101105MAEP9328.E2	05-NOV-2010	10:11:20.056
EGOI_101105MAEP9345.E2	05-NOV-2010	21:28:37.734
EGOI_101105MIEP5036.E2	05-NOV-2010	04:39:33.008
EGOI_101105MIEP5063.E2	05-NOV-2010	16:58:51.068
EGOI_101105MMEP8029.E2	05-NOV-2010	02:24:33.677
EGOI_101105MMEP8036.E2	05-NOV-2010	05:49:39.442
EGOI_101105MMEP8043.E2	05-NOV-2010	10:52:17.306
EGOI_101105MMEP8051.E2	05-NOV-2010	12:32:20.925
EGOI_101105MMEP8060.E2	05-NOV-2010	14:11:47.036
EGOI_101105MMEP8066.E2	05-NOV-2010	15:51:28.151
EGOI_101105MMEP8072.E2	05-NOV-2010	19:10:33.888
EGOI_101105MMEP8082.E2	05-NOV-2010	20:49:38.996
EGOI_101105MMEP8090.E2	05-NOV-2010	22:29:45.611
EGOI_101105MSEP5367.E2	05-NOV-2010	10:19:17.102
EGOI_101105MSEP5396.E2	05-NOV-2010	11:56:53.706
EGOI_101105MSEP5415.E2	05-NOV-2010	13:39:00.338
EGOI_101105MSEP5433.E2	05-NOV-2010	21:29:54.243
EGOI_101105MSEP5465.E2	05-NOV-2010	23:05:51.843
EGOI_101105SGEP9158.E2	05-NOV-2010	02:04:15.552
EGOI_101105SGEP9165.E2	05-NOV-2010	03:40:46.143
EGOI_101105SGEP9173.E2	05-NOV-2010	14:38:12.702
EGOI_101105SGEP9180.E2	05-NOV-2010	16:16:25.313

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81261	04-NOV-2010	23:51:09.330	23:53:23.742	134.41200
KS	81265	05-NOV-2010	06:42:58.312	06:44:45.782	107.47000
KS	81266	05-NOV-2010	08:22:18.031	08:24:43.397	145.36600
KS	81267	05-NOV-2010	10:01:55.620	10:04:24.515	148.89500
KS	81268	05-NOV-2010	11:41:26.130	11:43:58.130	152.00000

KS	81269	05-NOV-2010	13:20:31.734	13:22:58.739	147.00500
KS	81270	05-NOV-2010	14:59:05.992	15:01:38.349	152.35700
KS	81271	05-NOV-2010	16:36:42.910	16:39:19.449	156.53900
KS	81272	05-NOV-2010	18:14:35.175	18:17:02.054	146.87900
KS	81273	05-NOV-2010	19:53:37.309	19:56:01.170	143.86100
KS	81274	05-NOV-2010	21:34:27.934	21:36:52.785	144.85100
KS	81275	05-NOV-2010	23:17:51.246	23:20:09.924	138.67800
GS	81262	05-NOV-2010	01:23:40.852	01:25:34.813	113.96100
GS	81263	05-NOV-2010	03:01:15.500	03:03:09.911	114.41100
GS	81264	05-NOV-2010	04:43:51.988	04:45:39.042	107.05400
MS	81267	05-NOV-2010	10:16:43.663	10:19:17.102	153.43900
MS	81268	05-NOV-2010	11:54:16.991	11:56:53.706	156.71500
MS	81275	05-NOV-2010	23:03:33.968	23:05:51.843	137.87500
MA	81266	05-NOV-2010	08:31:07.014	08:32:53.944	106.93000
MA	81267	05-NOV-2010	10:09:59.666	10:11:20.056	80.390000
MA	81274	05-NOV-2010	21:26:04.640	21:28:37.734	153.09400
MI	81264	05-NOV-2010	04:37:18.100	04:39:33.008	134.90800
MI	81271	05-NOV-2010	16:56:30.761	16:58:51.068	140.30700
MM	81262	05-NOV-2010	02:23:24.651	02:24:33.676	69.025000
MM	81267	05-NOV-2010	10:50:52.433	10:52:17.306	84.873000
MM	81268	05-NOV-2010	12:30:49.873	12:32:20.924	91.051000
MM	81269	05-NOV-2010	14:10:32.931	14:11:47.036	74.105000
MM	81269	05-NOV-2010	14:17:17.074	14:23:16.645	359.57100
MM	81270	05-NOV-2010	15:49:59.828	15:51:28.150	88.322000
MM	81272	05-NOV-2010	19:08:20.872	19:10:33.888	133.01600
MM	81273	05-NOV-2010	20:47:46.692	20:49:38.995	112.30300
MM	81274	05-NOV-2010	22:27:52.925	22:29:45.611	112.68600
SG	81262	05-NOV-2010	02:02:34.381	02:04:15.551	101.17000
SG	81263	05-NOV-2010	03:38:16.340	03:40:46.142	149.80200
SG	81269	05-NOV-2010	14:34:46.960	14:38:12.702	205.74200
SG	81269	05-NOV-2010	14:42:03.728	14:46:48.149	284.42100
SG	81270	05-NOV-2010	16:13:41.973	16:16:25.312	163.33900
SG	81270	05-NOV-2010	16:19:52.332	16:26:05.333	373.00100
CM	81263	05-NOV-2010	02:57:28.451	02:58:44.385	75.934000
CM	81270	05-NOV-2010	15:21:00.822	15:22:12.972	72.150000
CM	81271	05-NOV-2010	16:58:53.589	17:00:19.579	85.990000

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81261	05-NOV-2010	00:29:05.335	00:43:42.426	877.09100
MM	81261	05-NOV-2010	00:40:56.741	00:51:47.542	650.80100
BE	81262	05-NOV-2010	01:48:43.493	01:59:44.551	661.05800
BE	81263	05-NOV-2010	03:27:20.077	03:40:30.265	790.18800
MM	81263	05-NOV-2010	04:06:29.627	04:12:57.581	387.95400
MI	81263	05-NOV-2010	02:56:44.516	03:09:34.526	770.01000
MM	81265	05-NOV-2010	07:30:12.044	07:37:55.638	463.59400
JO	81265	05-NOV-2010	07:09:01.084	07:21:47.887	766.80300
MM	81266	05-NOV-2010	09:10:41.504	09:20:44.295	602.79100
JO	81266	05-NOV-2010	08:47:08.769	09:01:41.639	872.87000
MA	81268	05-NOV-2010	11:51:59.581	11:57:05.332	305.75100
HO	81269	05-NOV-2010	14:19:29.911	14:32:10.030	760.11900
SG	81269	05-NOV-2010	14:34:46.960	14:46:48.149	721.18900
BE	81270	05-NOV-2010	14:44:14.023	14:57:07.961	773.93800
MI	81270	05-NOV-2010	15:16:58.693	15:29:21.116	742.42300
GS	81270	05-NOV-2010	15:10:48.523	15:24:02.933	794.41000
MM	81271	05-NOV-2010	17:29:12.176	17:41:43.844	751.66800
GS	81271	05-NOV-2010	16:50:14.056	17:03:20.169	786.11300
JO	81272	05-NOV-2010	19:29:04.273	19:40:41.284	697.01100
MA	81273	05-NOV-2010	19:47:03.239	19:59:41.199	757.96000
JO	81273	05-NOV-2010	21:07:00.064	21:21:48.703	888.63900
HO	81274	05-NOV-2010	22:20:43.731	22:32:30.252	706.52100
HO	81275	05-NOV-2010	23:57:58.439	00:12:29.489	871.05000

[[BACK TO MENU](#)]

1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK

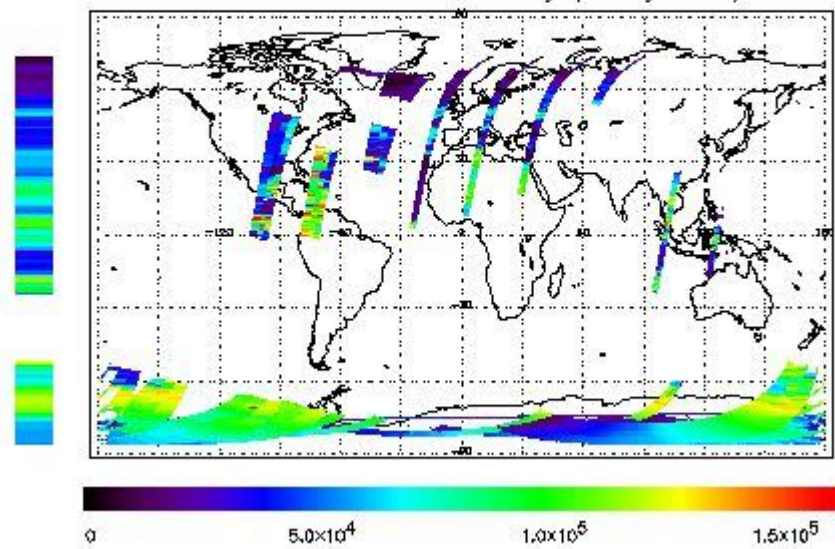
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	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](#)

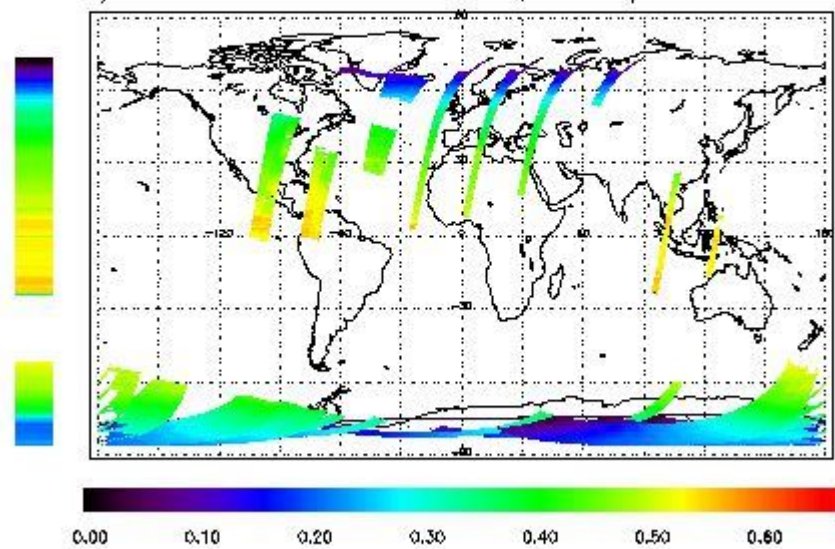
NEAR IR Intensity

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
--	--	--	--	--

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
12:00	13:00	81254	81269

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--