

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	02-NOV-2010
Start Time of First Product	23:46:40 (01-Nov)
Stop Time of Last Product	23:24:12
Number of EGOI Products analysed	44
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_101102CMEP1342.E2	02-NOV-2010	02:53:23.459
EGOI_101102CMEP1350.E2	02-NOV-2010	04:32:54.070
EGOI_101102GSEP8493.E2	02-NOV-2010	01:20:06.387
EGOI_101102GSEP8525.E2	02-NOV-2010	02:57:20.486
EGOI_101102GSEP8556.E2	02-NOV-2010	04:39:36.109
EGOI_101102GSEP8563.E2	02-NOV-2010	06:21:33.743
EGOI_101102HLEP8329.E2	02-NOV-2010	10:59:51.950
EGOI_101102HLEP8337.E2	02-NOV-2010	14:16:48.668
EGOI_101102KSEP6855.E2	01-NOV-2010	23:46:40.306

EGOI_101102KSEP6868.E2	02-NOV-2010	06:39:05.343
EGOI_101102KSEP6887.E2	02-NOV-2010	08:19:01.462
EGOI_101102KSEP6903.E2	02-NOV-2010	09:59:56.081
EGOI_101102KSEP6923.E2	02-NOV-2010	11:38:16.188
EGOI_101102KSEP6952.E2	02-NOV-2010	13:17:18.299
EGOI_101102KSEP6963.E2	02-NOV-2010	14:56:02.413
EGOI_101102KSEP6978.E2	02-NOV-2010	16:33:42.016
EGOI_101102KSEP7006.E2	02-NOV-2010	18:11:36.620
EGOI_101102KSEP7037.E2	02-NOV-2010	19:50:01.233
EGOI_101102KSEP7058.E2	02-NOV-2010	21:30:36.349
EGOI_101102KSEP7076.E2	02-NOV-2010	23:13:32.488
EGOI_101102MAEP9171.E2	02-NOV-2010	08:27:22.511
EGOI_101102MAEP9185.E2	02-NOV-2010	10:06:09.622
EGOI_101102MAEP9202.E2	02-NOV-2010	21:22:52.801
EGOI_101102MIEP4798.E2	02-NOV-2010	02:53:29.463
EGOI_101102MIEP4825.E2	02-NOV-2010	04:33:39.073
EGOI_101102MIEP4854.E2	02-NOV-2010	16:53:00.135
EGOI_101102MMEP7831.E2	02-NOV-2010	00:36:31.613
EGOI_101102MMEP7838.E2	02-NOV-2010	02:18:41.239
EGOI_101102MMEP7845.E2	02-NOV-2010	04:01:25.374
EGOI_101102MMEP7852.E2	02-NOV-2010	05:43:50.004
EGOI_101102MMEP7860.E2	02-NOV-2010	09:08:55.769
EGOI_101102MMEP7866.E2	02-NOV-2010	10:46:36.868
EGOI_101102MMEP7874.E2	02-NOV-2010	14:06:48.602
EGOI_101102MMEP7880.E2	02-NOV-2010	17:26:03.338
EGOI_101102MMEP7887.E2	02-NOV-2010	19:04:53.455
EGOI_101102MMEP7893.E2	02-NOV-2010	20:43:57.063
EGOI_101102MMEP7903.E2	02-NOV-2010	22:24:02.179
EGOI_101102MSEP5008.E2	02-NOV-2010	10:13:50.169
EGOI_101102MSEP5038.E2	02-NOV-2010	11:51:10.268
EGOI_101102MSEP5059.E2	02-NOV-2010	13:33:03.394
EGOI_101102MSEP5076.E2	02-NOV-2010	21:24:51.314
EGOI_101102MSEP5108.E2	02-NOV-2010	22:59:56.402
EGOI_101102SGEP9097.E2	02-NOV-2010	01:59:30.622
EGOI_101102SGEP9104.E2	02-NOV-2010	03:43:25.264

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81222	02-NOV-2010	06:37:19.704	06:39:05.343	105.63900
KS	81223	02-NOV-2010	08:16:36.626	08:19:01.461	144.83500
KS	81224	02-NOV-2010	09:56:14.073	09:59:56.081	222.00800
KS	81225	02-NOV-2010	11:35:45.446	11:38:16.188	150.74200

KS	81226	02-NOV-2010	13:14:53.005	13:17:18.298	145.29300
KS	81227	02-NOV-2010	14:53:31.292	14:56:02.413	151.12100
KS	81228	02-NOV-2010	16:31:09.098	16:33:42.015	152.91700
KS	81229	02-NOV-2010	18:08:58.102	18:11:36.620	158.51800
KS	81230	02-NOV-2010	19:47:55.184	19:50:01.232	126.04800
KS	81231	02-NOV-2010	21:28:38.604	21:30:36.348	117.74400
KS	81232	02-NOV-2010	23:11:51.266	23:13:32.488	101.22200
GS	81219	02-NOV-2010	01:18:14.768	01:20:06.387	111.61900
GS	81220	02-NOV-2010	02:55:33.869	02:57:20.485	106.61600
GS	81221	02-NOV-2010	04:37:46.988	04:39:36.108	109.12000
MS	81224	02-NOV-2010	10:11:18.489	10:13:50.169	151.68000
MS	81225	02-NOV-2010	11:48:38.215	11:51:10.268	152.05300
MS	81232	02-NOV-2010	22:57:55.168	22:59:56.401	121.23300
MA	81223	02-NOV-2010	08:25:36.266	08:27:22.511	106.24500
MA	81224	02-NOV-2010	10:04:17.075	10:06:09.622	112.54700
MA	81231	02-NOV-2010	21:20:18.115	21:22:52.801	154.68600
MI	81220	02-NOV-2010	02:51:12.204	02:53:29.462	137.25800
MI	81221	02-NOV-2010	04:31:19.734	04:33:39.073	139.33900
MI	81228	02-NOV-2010	16:50:41.976	16:53:00.134	138.15800
MM	81218	02-NOV-2010	00:35:07.266	00:36:31.613	84.347000
MM	81219	02-NOV-2010	02:17:31.903	02:18:41.239	69.336000
MM	81223	02-NOV-2010	09:04:57.566	09:08:55.769	238.20300
MM	81223	02-NOV-2010	09:12:52.791	09:14:53.130	120.33900
MM	81224	02-NOV-2010	10:45:09.320	10:46:36.867	87.547000
MM	81226	02-NOV-2010	14:04:51.465	14:06:48.601	117.13600
MM	81226	02-NOV-2010	14:10:23.124	14:17:35.316	432.19200
MM	81228	02-NOV-2010	17:23:32.296	17:26:03.337	151.04100
MM	81229	02-NOV-2010	19:02:40.715	19:04:53.455	132.74000
MM	81230	02-NOV-2010	20:42:04.904	20:43:57.063	112.15900
MM	81231	02-NOV-2010	22:22:08.276	22:24:02.178	113.90200
SG	81220	02-NOV-2010	03:32:34.729	03:43:25.263	650.53400
CM	81220	02-NOV-2010	02:52:14.013	02:53:23.458	69.445000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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HO	81218	02-NOV-2010	00:23:24.215	00:38:02.356	878.14100
BE	81219	02-NOV-2010	01:43:12.880	01:53:46.467	633.58700
HO	81219	02-NOV-2010	02:07:51.852	02:13:39.961	348.10900
BE	81220	02-NOV-2010	03:21:37.646	03:34:53.640	795.99400
MM	81222	02-NOV-2010	07:24:26.600	07:32:02.076	455.47600
JO	81222	02-NOV-2010	07:03:36.816	07:15:57.885	741.06900
JO	81223	02-NOV-2010	08:41:22.659	08:56:05.178	882.51900
MM	81225	02-NOV-2010	12:25:07.531	12:37:39.474	751.94300
MA	81225	02-NOV-2010	11:45:54.591	11:52:02.066	367.47500
HO	81226	02-NOV-2010	14:13:43.467	14:26:38.786	775.31900
SG	81226	02-NOV-2010	14:29:21.923	14:40:54.415	692.49200
BE	81227	02-NOV-2010	14:38:27.169	14:51:30.359	783.19000
MM	81227	02-NOV-2010	15:44:19.302	15:56:55.672	756.37000
MI	81227	02-NOV-2010	15:11:26.344	15:23:29.862	723.51800
GS	81227	02-NOV-2010	15:05:11.099	15:18:13.918	782.81900
SG	81227	02-NOV-2010	16:07:51.482	16:20:36.326	764.84400
CM	81227	02-NOV-2010	15:15:43.621	15:23:48.358	484.73700
GS	81228	02-NOV-2010	16:44:30.652	16:57:46.850	796.19800
CM	81228	02-NOV-2010	16:53:07.824	17:05:05.452	717.62800
JO	81229	02-NOV-2010	19:23:40.546	19:34:38.893	658.34700
MA	81230	02-NOV-2010	19:41:33.374	19:53:48.579	735.20500
JO	81230	02-NOV-2010	21:01:17.582	21:16:12.160	894.57800
HO	81231	02-NOV-2010	22:15:19.635	22:26:43.829	684.19400
JO	81231	02-NOV-2010	22:43:41.017	22:50:33.592	412.57500
HO	81232	02-NOV-2010	23:52:19.126	00:06:48.355	869.22900

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1.5 - List of corrupted products

Station	Orbit	Time
GS	81220	02:57:27.986

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

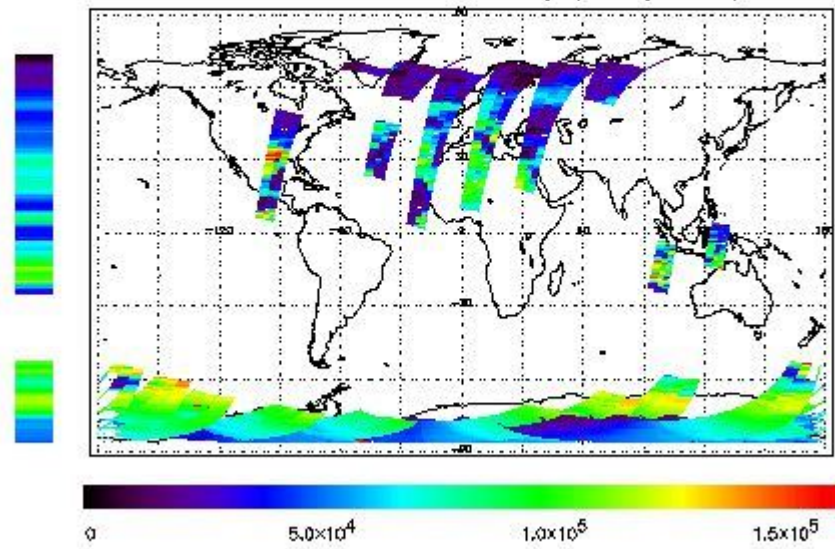
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK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

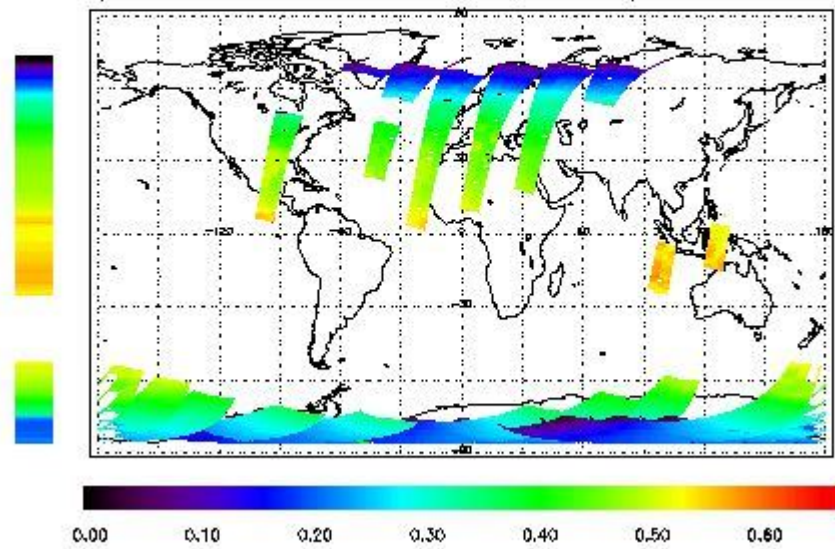
NEAR IR Intensity

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
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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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