

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	22-OCT-2010
Start Time of First Product	00:18:05
Stop Time of Last Product	22:30:07
Number of EGOI Products analysed	42
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_101022CMEP1057.E2	22-OCT-2010	03:36:46.948
EGOI_101022CMEP1067.E2	22-OCT-2010	05:17:44.570
EGOI_101022CMEP1078.E2	22-OCT-2010	16:00:57.535
EGOI_101022CMEP1086.E2	22-OCT-2010	17:41:05.650
EGOI_101022GSEP7705.E2	22-OCT-2010	02:03:56.882
EGOI_101022GSEP7736.E2	22-OCT-2010	03:43:22.993
EGOI_101022GSEP7745.E2	22-OCT-2010	05:26:02.624
EGOI_101022KSEP4169.E2	22-OCT-2010	07:24:31.853
EGOI_101022KSEP4188.E2	22-OCT-2010	09:04:32.469

EGOI_101022KSEP4209.E2	22-OCT-2010	10:44:10.583
EGOI_101022KSEP4232.E2	22-OCT-2010	12:23:32.195
EGOI_101022KSEP4260.E2	22-OCT-2010	14:02:31.306
EGOI_101022KSEP4280.E2	22-OCT-2010	15:40:34.905
EGOI_101022KSEP4308.E2	22-OCT-2010	17:18:20.509
EGOI_101022KSEP4340.E2	22-OCT-2010	18:56:12.112
EGOI_101022KSEP4371.E2	22-OCT-2010	20:35:33.725
EGOI_101022KSEP4399.E2	22-OCT-2010	22:17:23.851
EGOI_101022MAEP8720.E2	22-OCT-2010	09:11:52.007
EGOI_101022MAEP8729.E2	22-OCT-2010	10:51:43.622
EGOI_101022MAEP8749.E2	22-OCT-2010	22:09:29.804
EGOI_101022MIEP4044.E2	22-OCT-2010	02:02:14.870
EGOI_101022MIEP4072.E2	22-OCT-2010	03:39:04.965
EGOI_101022MIEP4089.E2	22-OCT-2010	05:23:37.107
EGOI_101022MIEP4106.E2	22-OCT-2010	14:23:01.427
EGOI_101022MIEP4115.E2	22-OCT-2010	15:58:33.518
EGOI_101022MIEP4135.E2	22-OCT-2010	17:40:11.641
EGOI_101022MMEP7245.E2	22-OCT-2010	01:23:05.628
EGOI_101022MMEP7252.E2	22-OCT-2010	03:05:37.758
EGOI_101022MMEP7261.E2	22-OCT-2010	04:48:17.392
EGOI_101022MMEP7270.E2	22-OCT-2010	08:14:56.164
EGOI_101022MMEP7276.E2	22-OCT-2010	11:32:21.381
EGOI_101022MMEP7286.E2	22-OCT-2010	16:31:24.722
EGOI_101022MMEP7293.E2	22-OCT-2010	18:11:34.333
EGOI_101022MMEP7300.E2	22-OCT-2010	21:29:59.555
EGOI_101022MSEP3766.E2	22-OCT-2010	00:18:05.228
EGOI_101022MSEP3790.E2	22-OCT-2010	10:57:28.667
EGOI_101022MSEP3818.E2	22-OCT-2010	12:36:53.274
EGOI_101022MSEP3845.E2	22-OCT-2010	22:07:10.289
EGOI_101022SGEP8798.E2	22-OCT-2010	02:41:45.111
EGOI_101022SGEP8805.E2	22-OCT-2010	04:20:50.222
EGOI_101022SGEP8812.E2	22-OCT-2010	15:15:55.761
EGOI_101022SGEP8819.E2	22-OCT-2010	16:58:14.383

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81065	22-OCT-2010	07:22:36.882	07:24:31.853	114.97100
KS	81066	22-OCT-2010	09:02:08.794	09:04:32.468	143.67400
KS	81067	22-OCT-2010	10:41:45.616	10:44:10.582	144.96600
KS	81068	22-OCT-2010	12:21:08.468	12:23:32.194	143.72600
KS	81069	22-OCT-2010	14:00:02.227	14:02:31.306	149.07900
KS	81070	22-OCT-2010	15:38:03.115	15:40:34.905	151.79000

KS	81071	22-OCT-2010	17:15:52.305	17:18:20.508	148.20300
KS	81072	22-OCT-2010	18:54:01.406	18:56:12.111	130.70500
KS	81073	22-OCT-2010	20:33:42.478	20:35:33.725	111.24700
KS	81074	22-OCT-2010	22:15:27.382	22:17:23.850	116.46800
GS	81062	22-OCT-2010	02:02:10.723	02:03:56.881	106.15800
GS	81063	22-OCT-2010	03:41:32.709	03:43:22.993	110.28400
MS	81061	22-OCT-2010	00:15:58.651	00:18:05.227	126.57600
MS	81067	22-OCT-2010	10:55:03.360	10:57:28.666	145.30600
MS	81068	22-OCT-2010	12:34:29.074	12:36:53.273	144.19900
MS	81074	22-OCT-2010	22:05:19.135	22:07:10.288	111.15300
MS	81075	22-OCT-2010	23:43:39.330	23:45:52.899	133.56900
MA	81067	22-OCT-2010	10:49:55.177	10:51:43.621	108.44400
MA	81074	22-OCT-2010	22:08:21.727	22:09:29.803	68.076000
MI	81062	22-OCT-2010	02:00:06.475	02:02:14.869	128.39400
MI	81063	22-OCT-2010	03:36:07.042	03:39:04.964	177.92200
MM	81061	22-OCT-2010	01:21:48.925	01:23:05.628	76.703000
MM	81062	22-OCT-2010	03:04:37.147	03:05:37.758	60.611000
MM	81065	22-OCT-2010	08:10:26.931	08:14:56.164	269.23300
SG	81062	22-OCT-2010	02:39:33.719	02:41:45.110	131.39100
SG	81062	22-OCT-2010	02:46:39.138	02:51:50.759	311.62100
SG	81063	22-OCT-2010	04:18:44.346	04:20:50.222	125.87600
SG	81063	22-OCT-2010	04:27:57.764	04:30:52.475	174.71100
SG	81069	22-OCT-2010	15:13:31.605	15:15:55.761	144.15600
SG	81070	22-OCT-2010	16:55:47.669	16:58:14.382	146.71300
CM	81062	22-OCT-2010	03:35:26.862	03:36:46.948	80.086000
CM	81064	22-OCT-2010	05:16:24.642	05:17:44.570	79.928000
CM	81070	22-OCT-2010	15:59:18.441	16:00:57.535	99.094000
CM	81071	22-OCT-2010	17:39:57.496	17:41:05.649	68.153000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81061	22-OCT-2010	01:09:53.596	01:22:58.577	784.98100
BE	81062	22-OCT-2010	02:27:47.390	02:40:45.646	778.25600
CM	81062	22-OCT-2010	03:35:26.862	03:47:17.371	710.50900
BE	81063	22-OCT-2010	04:07:29.940	04:19:17.897	707.95700

MM	81064	22-OCT-2010	06:29:36.891	06:36:03.220	386.32900
JO	81065	22-OCT-2010	07:47:32.308	08:02:11.958	879.65000
MM	81066	22-OCT-2010	09:50:47.586	10:01:36.803	649.21700
JO	81066	22-OCT-2010	09:28:12.125	09:40:27.176	735.05100
MM	81067	22-OCT-2010	11:30:53.021	11:43:02.446	729.42500
MM	81068	22-OCT-2010	13:10:44.927	13:23:26.238	761.31100
HO	81069	22-OCT-2010	15:00:05.206	15:09:12.159	546.95300
MM	81069	22-OCT-2010	14:50:21.691	15:03:03.047	761.35600
MI	81069	22-OCT-2010	14:21:14.638	14:25:08.232	233.59400
GS	81069	22-OCT-2010	14:12:25.205	14:21:48.931	563.72600
SG	81069	22-OCT-2010	15:13:31.605	15:27:18.842	827.23700
BE	81070	22-OCT-2010	15:25:19.500	15:36:09.119	649.61900
MM	81070	22-OCT-2010	16:29:42.148	16:42:15.012	752.86400
MI	81070	22-OCT-2010	15:56:15.541	16:09:38.476	802.93500
GS	81070	22-OCT-2010	15:50:22.744	16:04:18.105	835.36100
MM	81071	22-OCT-2010	18:08:51.114	18:21:24.504	753.39000
MI	81071	22-OCT-2010	17:38:02.796	17:45:06.793	423.99700
GS	81071	22-OCT-2010	17:30:27.137	17:41:48.043	680.90600
MM	81072	22-OCT-2010	19:48:03.792	20:00:45.818	762.02600
MA	81072	22-OCT-2010	18:53:07.928	18:57:26.266	258.33800
JO	81072	22-OCT-2010	20:07:39.149	20:21:58.386	859.23700
MM	81073	22-OCT-2010	21:27:43.164	21:40:23.555	760.39100
MA	81073	22-OCT-2010	20:25:59.228	20:39:45.064	825.83600
JO	81073	22-OCT-2010	21:47:17.716	22:00:30.489	792.77300
HO	81074	22-OCT-2010	22:59:14.271	23:12:37.772	803.50100
MM	81074	22-OCT-2010	23:08:11.003	23:20:16.492	725.48900

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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

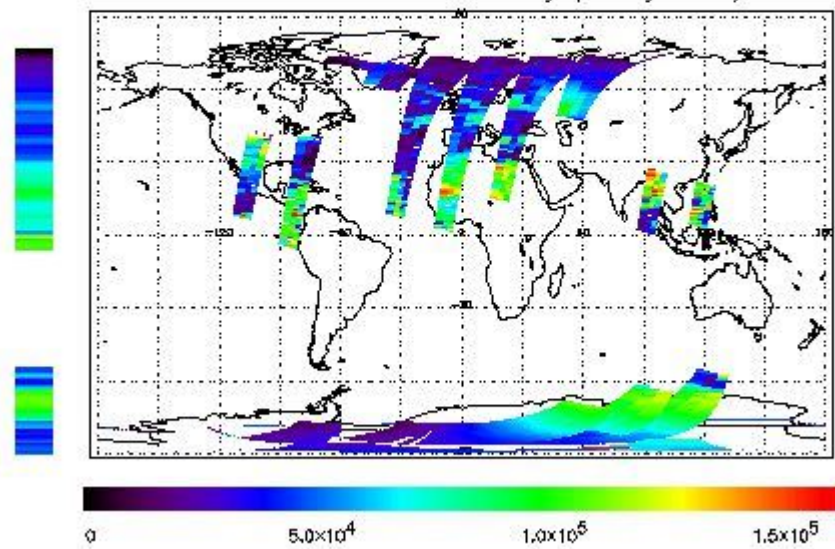
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	Polar View operated
Polarization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

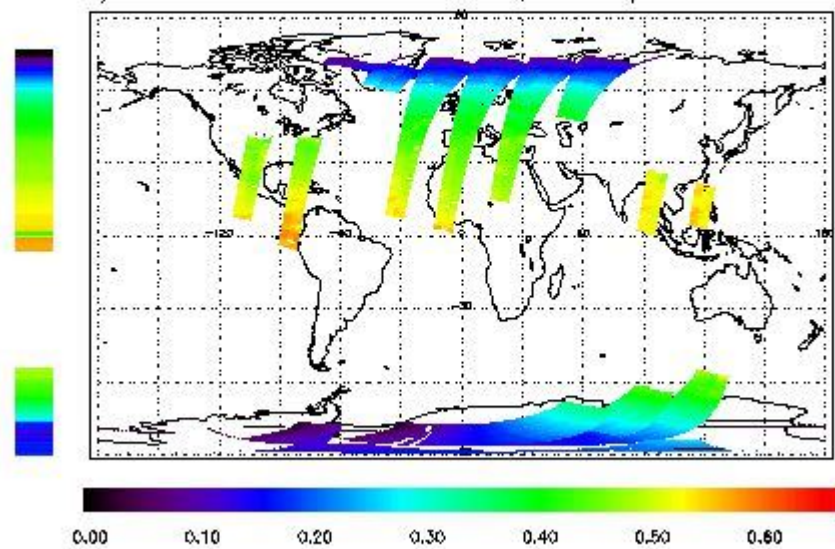
NEAR IR Intensity

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
01:00 05-Sep	--	80388	--