

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	27-OCT-2010
Start Time of First Product	00:24:55
Stop Time of Last Product	23:12:47
Number of EGOI Products analysed	41
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_101027CMEP1169.E2	27-OCT-2010	04:21:26.221
EGOI_101027CMEP1179.E2	27-OCT-2010	15:06:12.187
EGOI_101027CMEP1184.E2	27-OCT-2010	16:43:15.782
EGOI_101027GSEP8044.E2	27-OCT-2010	01:10:23.550
EGOI_101027GSEP8075.E2	27-OCT-2010	02:46:04.633
EGOI_101027GSEP8104.E2	27-OCT-2010	04:27:35.256
EGOI_101027GSEP8111.E2	27-OCT-2010	06:09:49.393
EGOI_101027HLEP8256.E2	27-OCT-2010	12:31:33.739
EGOI_101027HLEP8262.E2	27-OCT-2010	14:04:28.310

EGOI_101027KSEP5403.E2	27-OCT-2010	06:27:40.496
EGOI_101027KSEP5420.E2	27-OCT-2010	08:07:36.617
EGOI_101027KSEP5442.E2	27-OCT-2010	09:47:16.224
EGOI_101027KSEP5464.E2	27-OCT-2010	11:26:52.839
EGOI_101027KSEP5489.E2	27-OCT-2010	13:05:59.446
EGOI_101027KSEP5516.E2	27-OCT-2010	14:44:46.558
EGOI_101027KSEP5534.E2	27-OCT-2010	16:22:27.657
EGOI_101027KSEP5562.E2	27-OCT-2010	18:00:32.765
EGOI_101027KSEP5591.E2	27-OCT-2010	19:38:31.865
EGOI_101027KSEP5614.E2	27-OCT-2010	21:18:57.985
EGOI_101027KSEP5636.E2	27-OCT-2010	23:01:40.616
EGOI_101027MAEP8899.E2	27-OCT-2010	08:16:00.664
EGOI_101027MAEP8913.E2	27-OCT-2010	09:54:43.275
EGOI_101027MAEP8930.E2	27-OCT-2010	21:11:36.937
EGOI_101027MIEP4439.E2	27-OCT-2010	04:21:48.721
EGOI_101027MIEP4468.E2	27-OCT-2010	16:41:26.275
EGOI_101027MMEP7536.E2	27-OCT-2010	00:24:54.768
EGOI_101027MMEP7543.E2	27-OCT-2010	02:06:59.890
EGOI_101027MMEP7553.E2	27-OCT-2010	08:57:29.418
EGOI_101027MMEP7559.E2	27-OCT-2010	10:35:10.521
EGOI_101027MMEP7565.E2	27-OCT-2010	12:15:15.633
EGOI_101027MMEP7574.E2	27-OCT-2010	13:55:20.756
EGOI_101027MSEP4303.E2	27-OCT-2010	01:04:01.010
EGOI_101027MSEP4318.E2	27-OCT-2010	10:02:59.822
EGOI_101027MSEP4343.E2	27-OCT-2010	11:39:52.918
EGOI_101027MSEP4366.E2	27-OCT-2010	13:20:59.545
EGOI_101027MSEP4377.E2	27-OCT-2010	21:14:42.957
EGOI_101027MSEP4409.E2	27-OCT-2010	22:48:48.041
EGOI_101027SGEP8918.E2	27-OCT-2010	03:23:54.364
EGOI_101027SGEP8927.E2	27-OCT-2010	05:05:59.491
EGOI_101027SGEP8931.E2	27-OCT-2010	14:20:43.409
EGOI_101027SGEP8939.E2	27-OCT-2010	15:58:45.512

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81136	27-OCT-2010	06:26:03.949	06:27:40.495	96.546000
KS	81137	27-OCT-2010	08:05:13.971	08:07:36.616	142.64500
KS	81138	27-OCT-2010	09:44:50.921	09:47:16.223	145.30200
KS	81139	27-OCT-2010	11:24:23.850	11:26:52.838	148.98800
KS	81140	27-OCT-2010	13:03:35.123	13:05:59.446	144.32300
KS	81141	27-OCT-2010	14:42:17.470	14:44:46.558	149.08800
KS	81142	27-OCT-2010	16:19:57.530	16:22:27.656	150.12600

KS	81143	27-OCT-2010	17:57:47.708	18:00:32.764	165.05600
KS	81144	27-OCT-2010	19:36:31.974	19:38:31.864	119.89000
KS	81145	27-OCT-2010	21:17:01.358	21:18:57.985	116.62700
KS	81146	27-OCT-2010	22:59:53.725	23:01:40.616	106.89100
GS	81133	27-OCT-2010	01:07:25.937	01:10:23.550	177.61300
GS	81134	27-OCT-2010	02:44:13.192	02:46:04.632	111.44000
GS	81135	27-OCT-2010	04:25:44.276	04:27:35.256	110.98000
MS	81139	27-OCT-2010	11:37:20.348	11:39:52.917	152.56900
MS	81140	27-OCT-2010	13:18:32.076	13:20:59.545	147.46900
MS	81146	27-OCT-2010	22:46:41.103	22:48:48.041	126.93800
MA	81137	27-OCT-2010	08:14:39.805	08:16:00.664	80.859000
MA	81138	27-OCT-2010	09:52:53.293	09:54:43.274	109.98100
MA	81145	27-OCT-2010	21:08:48.205	21:11:36.937	168.73200
MI	81135	27-OCT-2010	04:19:29.860	04:21:48.721	138.86100
MI	81142	27-OCT-2010	16:39:07.658	16:41:26.275	138.61700
MM	81132	27-OCT-2010	00:23:28.959	00:24:54.767	85.808000
MM	81133	27-OCT-2010	02:05:46.846	02:06:59.890	73.044000
MM	81137	27-OCT-2010	08:53:29.517	08:57:29.417	239.90000
MM	81137	27-OCT-2010	09:01:53.444	09:03:10.230	76.786000
MM	81138	27-OCT-2010	10:33:42.964	10:35:10.521	87.557000
MM	81139	27-OCT-2010	12:13:42.707	12:15:15.633	92.926000
MM	81140	27-OCT-2010	13:53:28.374	13:55:20.755	112.38100
MM	81140	27-OCT-2010	13:58:52.275	14:06:12.301	440.02600
SG	81134	27-OCT-2010	03:21:15.120	03:23:54.364	159.24400
SG	81140	27-OCT-2010	14:18:39.520	14:20:43.409	123.88900
SG	81141	27-OCT-2010	15:56:15.247	15:58:45.512	150.26500
CM	81142	27-OCT-2010	16:41:39.740	16:43:15.781	96.041000

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81132	27-OCT-2010	00:12:03.157	00:26:41.160	878.00300
HO	81133	27-OCT-2010	01:55:11.017	02:04:13.710	542.69300
BE	81134	27-OCT-2010	03:10:14.086	03:23:37.434	803.34800
MM	81134	27-OCT-2010	03:48:49.276	03:55:37.114	407.83800
MI	81134	27-OCT-2010	02:40:11.928	02:52:15.775	723.84700

CM	81134	27-OCT-2010	02:42:01.764	02:48:03.529	361.76500
CM	81134	27-OCT-2010	04:17:40.872	04:29:59.947	739.07500
BE	81135	27-OCT-2010	04:51:07.451	04:59:43.598	516.14700
MM	81135	27-OCT-2010	05:31:31.740	05:37:19.432	347.69200
MM	81136	27-OCT-2010	07:12:55.301	07:20:14.829	439.52800
JO	81136	27-OCT-2010	06:52:53.980	07:04:14.009	680.02900
JO	81137	27-OCT-2010	08:29:54.069	08:44:49.833	895.76400
MA	81139	27-OCT-2010	11:34:12.337	11:41:40.297	447.96000
SG	81140	27-OCT-2010	14:18:39.520	14:28:59.882	620.36200
BE	81141	27-OCT-2010	14:26:56.826	14:40:13.416	796.59000
MM	81141	27-OCT-2010	15:32:58.099	15:45:35.536	757.43700
MI	81141	27-OCT-2010	15:00:26.092	15:11:41.760	675.66800
GS	81141	27-OCT-2010	14:53:57.954	15:06:32.461	754.50700
MM	81142	27-OCT-2010	17:12:12.474	17:24:44.016	751.54200
GS	81142	27-OCT-2010	16:33:04.720	16:46:37.648	812.92800
MM	81143	27-OCT-2010	18:51:20.551	19:03:57.441	756.89000
GS	81143	27-OCT-2010	18:14:00.812	18:22:00.163	479.35100
JO	81143	27-OCT-2010	19:13:02.364	19:22:23.665	561.30100
MM	81144	27-OCT-2010	20:30:41.715	20:43:25.699	763.98400
MA	81144	27-OCT-2010	19:30:36.791	19:42:13.427	696.63600
JO	81144	27-OCT-2010	20:49:54.632	21:04:55.706	901.07400
HO	81145	27-OCT-2010	22:04:35.958	22:15:08.172	632.21400
MM	81145	27-OCT-2010	22:10:39.545	22:23:10.235	750.69000
JO	81145	27-OCT-2010	22:31:28.617	22:40:26.555	537.93800
HO	81146	27-OCT-2010	23:41:02.492	23:55:25.473	862.98100
MM	81146	27-OCT-2010	23:51:33.079	00:03:09.035	695.95600

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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

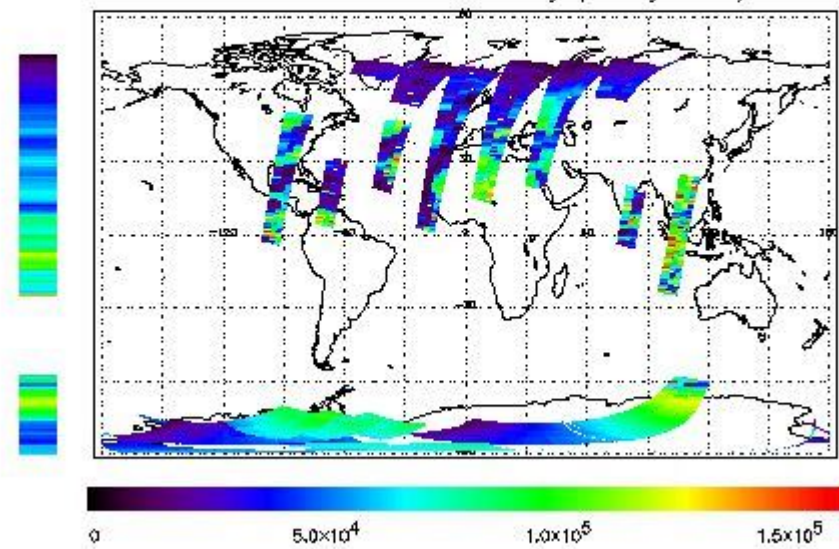
2.2 - Daily Plots

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

First Product : 27-OCT-2010 00:24:54.768 : ORBIT : 81132.6617
 Last Product : 27-OCT-2010 23:12:46.690 : ORBIT : 81146.2589
 Total Products Processed : 18399 Day : 300 Page : 21

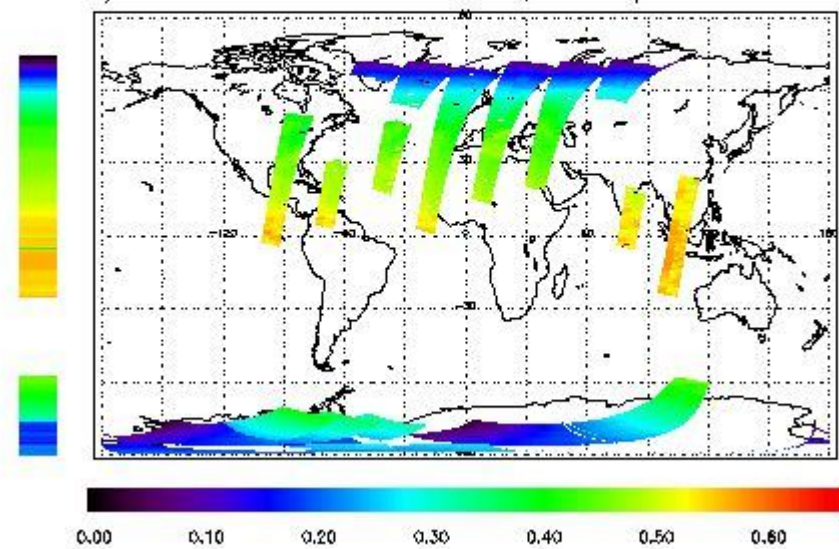
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 27-OCT-2010 00:24:54.768 : ORBIT : 81132.6617
 Last Product : 27-OCT-2010 23:12:46.690 : ORBIT : 81146.2589
 Total Products Processed : 18399 Day : 300 Page : 20

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	--