

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	05-JAN-2010
Start Time of First Product	00:32:49
Stop Time of Last Product	23:37:06
Number of EGOI Products analysed	44
Number of corrupted products	1
Anomalies and/or Special Operations	Narrow Swath continued from previous day, stop orbit: 76917

1.2 - List of received products

Name	Date	Time
OI_100105BEEP1561.E2;1	05-JAN-2010	02:44:16.669
EGOI_100105BEEP1566.E2	05-JAN-2010	04:25:05.292
EGOI_100105CMEP6032.E2	05-JAN-2010	03:53:23.096
EGOI_100105CMEP6038.E2	05-JAN-2010	05:32:35.711
EGOI_100105CMEP6045.E2	05-JAN-2010	16:14:39.681
EGOI_100105CMEP6053.E2	05-JAN-2010	17:55:53.807
EGOI_100105GSEP6643.E2	05-JAN-2010	02:17:49.505
EGOI_100105GSEP6667.E2	05-JAN-2010	03:58:03.624
EGOI_100105GSEP6673.E2	05-JAN-2010	05:40:31.258

EGOI_100105HLEP4851.E2	05-JAN-2010	23:21:22.814
EGOI_100105KSEP3410.E2	05-JAN-2010	07:38:43.994
EGOI_100105KSEP3428.E2	05-JAN-2010	09:18:44.607
EGOI_100105KSEP3450.E2	05-JAN-2010	10:58:22.721
EGOI_100105KSEP3479.E2	05-JAN-2010	12:37:41.338
EGOI_100105KSEP3492.E2	05-JAN-2010	14:16:37.446
EGOI_100105KSEP3521.E2	05-JAN-2010	15:54:24.550
EGOI_100105KSEP3552.E2	05-JAN-2010	17:32:22.158
EGOI_100105KSEP3587.E2	05-JAN-2010	19:10:10.763
EGOI_100105KSEP3620.E2	05-JAN-2010	20:49:59.379
EGOI_100105KSEP3650.E2	05-JAN-2010	22:32:01.515
EGOI_100105MAEP7563.E2	05-JAN-2010	09:25:53.650
EGOI_100105MAEP7570.E2	05-JAN-2010	11:06:00.268
EGOI_100105MIEP9507.E2	05-JAN-2010	02:15:23.993
EGOI_100105MIEP9519.E2	05-JAN-2010	03:53:21.596
EGOI_100105MIEP9538.E2	05-JAN-2010	14:35:42.064
EGOI_100105MIEP9565.E2	05-JAN-2010	16:12:41.167
EGOI_100105MIEP9583.E2	05-JAN-2010	17:55:46.303
EGOI_100105MMEP2648.E2	05-JAN-2010	01:37:41.762
EGOI_100105MMEP2653.E2	05-JAN-2010	03:20:16.893
EGOI_100105MMEP2659.E2	05-JAN-2010	05:02:55.023
EGOI_100105MMEP2665.E2	05-JAN-2010	06:44:51.154
EGOI_100105MMEP2674.E2	05-JAN-2010	08:25:56.280
EGOI_100105MMEP2682.E2	05-JAN-2010	11:46:50.020
EGOI_100105MMEP2696.E2	05-JAN-2010	21:44:37.218
EGOI_100105MMEP2704.E2	05-JAN-2010	23:24:22.832
EGOI_100105MSEP0233.E2	05-JAN-2010	00:32:48.857
EGOI_100105MSEP0260.E2	02-JAN-2010	22:15:30.973
EGOI_100105MSEP0279.E2	05-JAN-2010	11:11:36.305
EGOI_100105MSEP0304.E2	05-JAN-2010	12:51:27.921
EGOI_100105MSEP0336.E2	05-JAN-2010	22:20:55.441
EGOI_100105SGEP2692.E2	05-JAN-2010	02:55:46.744
EGOI_100105SGEP2698.E2	05-JAN-2010	04:35:24.855
EGOI_100105SGEP2705.E2	05-JAN-2010	13:54:32.813
EGOI_100105SGEP2711.E2	05-JAN-2010	15:29:55.901

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	76914	05-JAN-2010	07:36:48.595	07:38:43.994	115.39900
KS	76915	05-JAN-2010	09:16:22.841	09:18:44.607	141.76600
KS	76916	05-JAN-2010	10:55:58.706	10:58:22.721	144.01500
KS	76917	05-JAN-2010	12:35:18.101	12:37:41.337	143.23600

KS	76918	05-JAN-2010	14:14:09.878	14:16:37.446	147.56800
KS	76919	05-JAN-2010	15:52:00.777	15:54:24.549	143.77200
KS	76920	05-JAN-2010	17:29:55.436	17:32:22.157	146.72100
KS	76921	05-JAN-2010	19:08:09.683	19:10:10.763	121.08000
KS	76922	05-JAN-2010	20:48:06.113	20:49:59.378	113.26500
KS	76923	05-JAN-2010	22:30:12.246	22:32:01.514	109.26800
GS	76911	05-JAN-2010	02:16:48.934	02:17:49.504	60.570000
GS	76912	05-JAN-2010	03:56:08.241	03:58:03.623	115.38200
MS	76910	05-JAN-2010	00:31:01.767	00:32:48.856	107.08900
MS	76916	05-JAN-2010	11:09:05.065	11:11:36.304	151.23900
MS	76917	05-JAN-2010	12:49:04.845	12:51:27.920	143.07500
MS	76923	05-JAN-2010	22:18:57.671	22:20:55.441	117.77000
MA	76915	05-JAN-2010	09:24:32.319	09:25:53.649	81.330000
MA	76916	05-JAN-2010	11:04:58.449	11:06:00.267	61.818000
MI	76911	05-JAN-2010	02:13:12.136	02:15:23.993	131.85700
MI	76912	05-JAN-2010	03:50:25.779	03:53:21.596	175.81700
MI	76912	05-JAN-2010	04:01:47.146	04:03:33.319	106.17300
MI	76918	05-JAN-2010	14:33:37.238	14:35:42.064	124.82600
MI	76919	05-JAN-2010	16:10:27.785	16:12:41.166	133.38100
MI	76920	05-JAN-2010	17:53:58.535	17:55:46.302	107.76700
MM	76910	05-JAN-2010	01:36:27.089	01:37:41.762	74.673000
MM	76914	05-JAN-2010	08:24:48.257	08:25:56.279	68.022000
MM	76916	05-JAN-2010	11:45:09.856	11:46:50.020	100.16400
MM	76922	05-JAN-2010	21:42:00.884	21:44:37.218	156.33400
MM	76923	05-JAN-2010	23:22:37.035	23:24:22.831	105.79600
BE	76911	05-JAN-2010	02:41:53.106	02:44:16.669	143.56300
BE	76912	05-JAN-2010	04:21:57.053	04:25:05.292	188.23900
SG	76911	05-JAN-2010	02:53:18.267	02:55:46.743	148.47600
SG	76912	05-JAN-2010	04:33:31.445	04:35:24.855	113.41000
SG	76918	05-JAN-2010	15:27:38.351	15:29:55.900	137.54900
CM	76919	05-JAN-2010	16:13:18.473	16:14:39.680	81.207000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	76909	04-JAN-2010	23:54:26.978	00:06:00.622	693.64400

HO	76910	05-JAN-2010	01:24:35.964	01:36:51.812	735.84800
GS	76910	05-JAN-2010	00:40:47.639	00:48:39.812	472.17300
KS	76913	05-JAN-2010	05:58:10.510	06:02:58.016	287.50600
JO	76913	05-JAN-2010	06:26:56.999	06:34:15.820	438.82100
JO	76914	05-JAN-2010	08:01:32.545	08:16:28.823	896.27800
MM	76915	05-JAN-2010	10:05:06.323	10:16:10.214	663.89100
JO	76915	05-JAN-2010	09:43:15.595	09:53:58.612	643.01700
HO	76916	05-JAN-2010	11:54:36.305	12:07:41.221	784.91600
HO	76917	05-JAN-2010	13:33:31.637	13:48:11.179	879.54200
MM	76917	05-JAN-2010	13:24:59.726	13:37:42.481	762.75500
BE	76918	05-JAN-2010	13:58:29.207	14:11:52.265	803.05800
HO	76918	05-JAN-2010	15:14:42.019	15:22:49.045	487.02600
MM	76918	05-JAN-2010	15:04:34.167	15:17:14.288	760.12100
GS	76918	05-JAN-2010	14:26:08.554	14:36:54.930	646.37600
BE	76919	05-JAN-2010	15:40:21.417	15:49:50.675	569.25800
MM	76919	05-JAN-2010	16:43:52.462	16:56:24.639	752.17700
GS	76919	05-JAN-2010	16:04:34.887	16:18:29.907	835.02000
MM	76920	05-JAN-2010	18:23:00.783	18:35:35.196	754.41300
GS	76920	05-JAN-2010	17:44:53.901	17:55:20.337	626.43600
MM	76921	05-JAN-2010	20:02:15.791	20:14:58.765	762.97400
MA	76921	05-JAN-2010	19:05:58.017	19:12:57.324	419.30700
JO	76921	05-JAN-2010	20:21:39.428	20:36:24.912	885.48400
MA	76922	05-JAN-2010	20:40:04.379	20:53:45.584	821.20500
JO	76922	05-JAN-2010	22:01:51.686	22:14:02.752	731.06600
MA	76923	05-JAN-2010	22:23:31.554	22:31:48.059	496.50500
MS	76924	05-JAN-2010	23:58:14.330	00:10:28.139	733.80900

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1.5 - List of corrupted products

Station	Orbit	Time
SG	76912	04:35:26.354

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

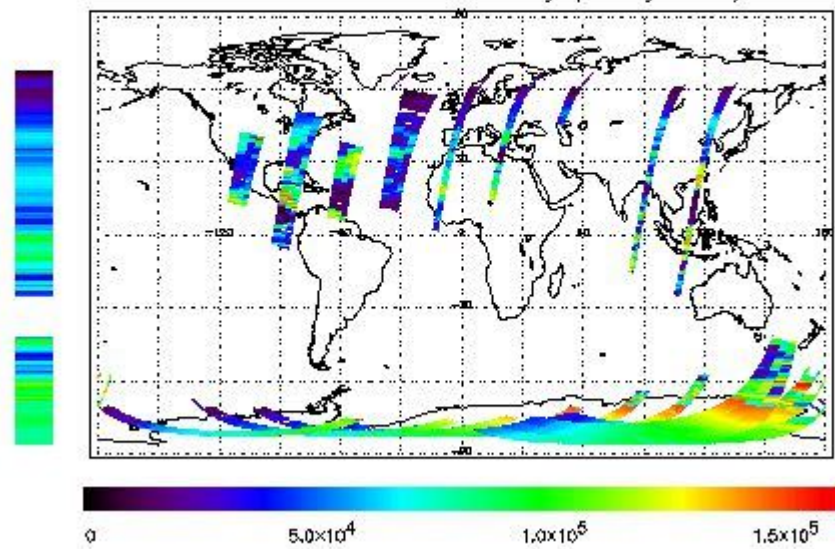
2.2 - Daily Plots

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 : 05-JAN-2010 00:32:48.857 : ORBIT : 76910.0259
 Last Product : 05-JAN-2010 23:37:06.414 : ORBIT : 76923.7865
 Total Products Processed : 19879 Day : 5 Page : 21

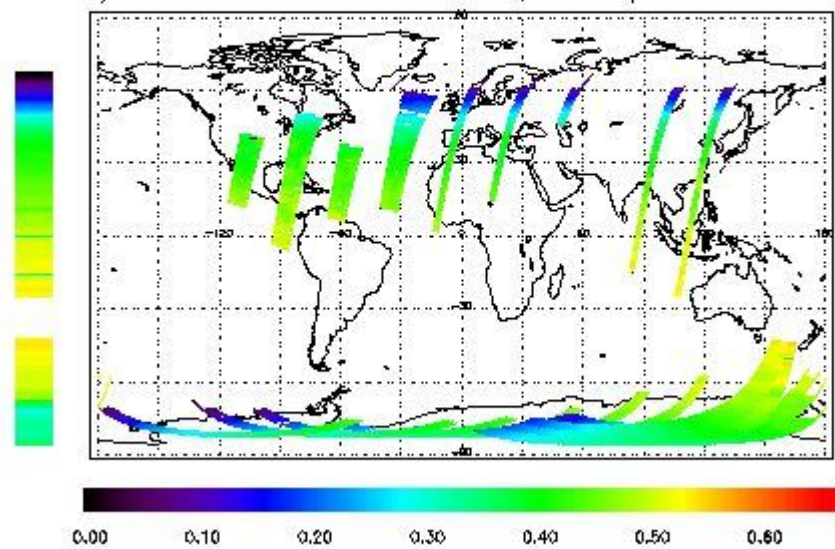
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 05-JAN-2010 00:32:48.857 : ORBIT : 76910.0259
 Last Product : 05-JAN-2010 23:37:06.414 : ORBIT : 76923.7865
 Total Products Processed : 19879 Day : 5 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
15:00	12:00	76904	76917

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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