

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	12-DEC-2009
Start Time of First Product	23:45:48 (11-Dec)
Stop Time of Last Product	23:38:21
Number of EGOI Products analysed	45
Number of corrupted products	--
Anomalies and/or Special Operations	no solar calibration measurements available due to the execution of an ERS-2 orbit manoeuvre; long science dump over MI , orbit 76568, time interval: 03:07:40-03:21:01

1.2 - List of received products

Name	Date	Time
OI_091212BEEP1368.E2;1	12-DEC-2009	01:59:36.782
EGOI_091212BEEP1376.E2	12-DEC-2009	03:38:26.893
EGOI_091212CMEP5605.E2	12-DEC-2009	03:06:40.201
EGOI_091212CMEP5612.E2	12-DEC-2009	04:47:45.323
EGOI_091212CMEP5621.E2	12-DEC-2009	17:09:10.920
EGOI_091212GSEP5071.E2	12-DEC-2009	01:33:47.121
EGOI_091212GSEP5100.E2	12-DEC-2009	03:11:34.224
EGOI_091212GSEP5110.E2	12-DEC-2009	04:54:27.367
EGOI_091212KSEP6571.E2	12-DEC-2009	06:53:13.099

EGOI_091212KSEP6593.E2	12-DEC-2009	08:33:12.219
EGOI_091212KSEP6621.E2	12-DEC-2009	10:12:56.341
EGOI_091212KSEP6648.E2	12-DEC-2009	11:52:25.458
EGOI_091212KSEP6667.E2	12-DEC-2009	13:31:23.067
EGOI_091212KSEP6695.E2	12-DEC-2009	15:10:05.679
EGOI_091212KSEP6727.E2	12-DEC-2009	16:47:34.783
EGOI_091212KSEP6762.E2	12-DEC-2009	18:25:29.392
EGOI_091212KSEP6796.E2	12-DEC-2009	20:04:12.003
EGOI_091212KSEP6828.E2	12-DEC-2009	21:45:11.135
EGOI_091212KSEP6855.E2	12-DEC-2009	23:28:31.271
EGOI_091212MAEP6823.E2	12-DEC-2009	08:41:10.770
EGOI_091212MAEP6835.E2	12-DEC-2009	10:20:17.385
EGOI_091212MAEP6856.E2	12-DEC-2009	19:57:49.464
EGOI_091212MIEP7186.E2	12-DEC-2009	03:07:19.201
EGOI_091212MIEP7210.E2	12-DEC-2009	04:48:30.327
EGOI_091212MIEP7220.E2	12-DEC-2009	15:27:35.790
EGOI_091212MIEP7241.E2	12-DEC-2009	17:07:34.912
EGOI_091212MMEP1544.E2	12-DEC-2009	07:39:50.890
EGOI_091212MMEP1551.E2	12-DEC-2009	11:00:52.131
EGOI_091212MMEP1558.E2	12-DEC-2009	12:40:48.253
EGOI_091212MMEP1568.E2	12-DEC-2009	14:20:29.368
EGOI_091212MMEP1575.E2	12-DEC-2009	15:59:58.489
EGOI_091212MMEP1582.E2	12-DEC-2009	17:40:17.114
EGOI_091212MMEP1590.E2	12-DEC-2009	19:19:07.221
EGOI_091212MMEP1598.E2	12-DEC-2009	20:58:06.336
EGOI_091212MMEP1606.E2	12-DEC-2009	22:38:12.956
EGOI_091212MSEP7450.E2	11-DEC-2009	23:45:47.955
EGOI_091212MSEP7469.E2	12-DEC-2009	10:27:24.926
EGOI_091212MSEP7498.E2	12-DEC-2009	12:05:19.533
EGOI_091212MSEP7507.E2	12-DEC-2009	13:48:12.674
EGOI_091212MSEP7532.E2	12-DEC-2009	21:37:29.084
EGOI_091212MSEP7564.E2	12-DEC-2009	23:14:14.685
EGOI_091212SGEP2049.E2	12-DEC-2009	02:12:18.856
EGOI_091212SGEP2055.E2	12-DEC-2009	03:48:53.955
EGOI_091212SGEP2065.E2	12-DEC-2009	14:47:17.538
EGOI_091212SGEP2073.E2	12-DEC-2009	16:25:10.646

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	76570	12-DEC-2009	06:51:26.928	06:53:13.099	106.17100
GS	76567	12-DEC-2009	01:31:51.917	01:33:47.121	115.20400
GS	76568	12-DEC-2009	03:09:49.597	03:11:34.223	104.62600
MI	76568	12-DEC-2009	03:05:05.523	03:07:19.200	133.67700

MI	76569	12-DEC-2009	04:46:21.033	04:48:30.326	129.29300
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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	76566	12-DEC-2009	00:49:41.350	01:00:22.914	641.56400
KS	76566	12-DEC-2009	00:00:21.744	00:05:49.728	327.98400
MM	76567	12-DEC-2009	02:32:14.023	02:40:45.198	511.17500
MM	76568	12-DEC-2009	04:15:19.450	04:21:38.554	379.10400
MM	76569	12-DEC-2009	05:57:43.494	06:03:42.496	359.00200
JO	76570	12-DEC-2009	07:17:10.583	07:30:30.875	800.29200
MM	76571	12-DEC-2009	09:19:17.305	09:29:30.673	613.36800
JO	76571	12-DEC-2009	08:55:50.338	09:10:04.660	854.32200
HO	76574	12-DEC-2009	14:28:08.984	14:40:10.300	721.31600
BE	76575	12-DEC-2009	14:52:56.538	15:05:33.145	756.60700
GS	76575	12-DEC-2009	15:19:15.589	15:32:44.461	808.87200
CM	76575	12-DEC-2009	15:29:03.735	15:38:56.438	592.70300
GS	76576	12-DEC-2009	16:58:49.727	17:11:38.513	768.78600
JO	76577	12-DEC-2009	19:37:14.049	19:49:39.948	745.89900
JO	76578	12-DEC-2009	21:15:35.060	21:30:11.366	876.30600
HO	76579	12-DEC-2009	22:28:52.387	22:41:06.922	734.53500
MA	76579	12-DEC-2009	21:34:46.501	21:47:38.589	772.08800
HO	76566	12-DEC-2009	00:37:54.298	00:52:11.172	856.87400
MM	76566	12-DEC-2009	00:49:41.350	01:00:22.914	641.56400
KS	76566	12-DEC-2009	00:00:21.744	00:05:49.728	327.98400
BE	76567	12-DEC-2009	01:57:01.877	02:08:38.124	696.24700
MM	76567	12-DEC-2009	02:32:14.023	02:40:45.198	511.17500
SG	76567	12-DEC-2009	02:10:11.598	02:18:58.219	526.62100
BE	76568	12-DEC-2009	03:35:54.539	03:48:53.336	778.79700
MM	76568	12-DEC-2009	04:15:19.450	04:21:38.554	379.10400
SG	76568	12-DEC-2009	03:46:51.040	04:00:29.687	818.64700
CM	76568	12-DEC-2009	03:05:26.843	03:15:13.887	587.04400
CM	76568	12-DEC-2009	04:43:40.977	04:55:06.366	685.38900
MM	76569	12-DEC-2009	05:57:43.494	06:03:42.496	359.00200
MM	76570	12-DEC-2009	07:38:49.969	07:46:45.864	475.89500
JO	76570	12-DEC-2009	07:17:10.583	07:30:30.875	800.29200

MM	76571	12-DEC-2009	09:19:17.305	09:29:30.673	613.36800
KS	76571	12-DEC-2009	08:30:50.217	08:43:47.424	777.20700
MA	76571	12-DEC-2009	08:39:42.578	08:51:58.688	736.11000
JO	76571	12-DEC-2009	08:55:50.338	09:10:04.660	854.32200
MM	76572	12-DEC-2009	10:59:27.022	11:11:16.888	709.86600
KS	76572	12-DEC-2009	10:10:27.893	10:24:27.455	839.56200
MA	76572	12-DEC-2009	10:18:32.229	10:30:47.147	734.91800
MS	76572	12-DEC-2009	10:24:53.841	10:34:43.283	589.44200
MM	76573	12-DEC-2009	12:39:23.295	12:51:59.014	755.71900
KS	76573	12-DEC-2009	11:49:57.005	12:03:22.179	805.17400
MS	76573	12-DEC-2009	12:02:55.691	12:16:00.521	784.83000
HO	76574	12-DEC-2009	14:28:08.984	14:40:10.300	721.31600
MM	76574	12-DEC-2009	14:19:05.029	14:31:48.429	763.40000
KS	76574	12-DEC-2009	13:28:59.552	13:41:14.476	734.92400
SG	76574	12-DEC-2009	14:42:58.399	14:55:35.188	756.78900
BE	76575	12-DEC-2009	14:52:56.538	15:05:33.145	756.60700
MM	76575	12-DEC-2009	15:58:30.521	16:11:05.628	755.10700
MI	76575	12-DEC-2009	15:25:19.555	15:38:04.933	765.37800
KS	76575	12-DEC-2009	15:07:26.938	15:19:01.502	694.56400
GS	76575	12-DEC-2009	15:19:15.589	15:32:44.461	808.87200
SG	76575	12-DEC-2009	16:22:31.133	16:34:15.217	704.08400
CM	76575	12-DEC-2009	15:29:03.735	15:38:56.438	592.70300
MM	76576	12-DEC-2009	17:37:41.971	17:50:13.844	751.87300
MI	76576	12-DEC-2009	17:05:16.312	17:16:11.522	655.21000
KS	76576	12-DEC-2009	16:45:03.689	16:57:28.190	744.50100
GS	76576	12-DEC-2009	16:58:49.727	17:11:38.513	768.78600
CM	76576	12-DEC-2009	17:07:34.581	17:18:53.431	678.85000
MM	76577	12-DEC-2009	19:16:51.211	19:29:30.541	759.33000
KS	76577	12-DEC-2009	18:23:01.201	18:36:36.657	815.45600
JO	76577	12-DEC-2009	19:37:14.049	19:49:39.948	745.89900
MM	76578	12-DEC-2009	20:56:19.624	21:09:03.092	763.46800
MA	76578	12-DEC-2009	19:55:19.907	20:08:28.913	789.00600
KS	76578	12-DEC-2009	20:02:11.161	20:16:08.422	837.26100
JO	76578	12-DEC-2009	21:15:35.060	21:30:11.366	876.30600
HO	76579	12-DEC-2009	22:28:52.387	22:41:06.922	734.53500
MM	76579	12-DEC-2009	22:36:30.259	22:48:51.493	741.23400

MA	76579	12-DEC-2009	21:34:46.501	21:47:38.589	772.08800
KS	76579	12-DEC-2009	21:43:12.839	21:55:45.777	752.93800
MS	76580	12-DEC-2009	23:12:04.367	23:25:29.483	805.11600
KS	76580	12-DEC-2009	23:26:52.885	23:35:01.228	488.34300

[[BACK TO MENU](#)]

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	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

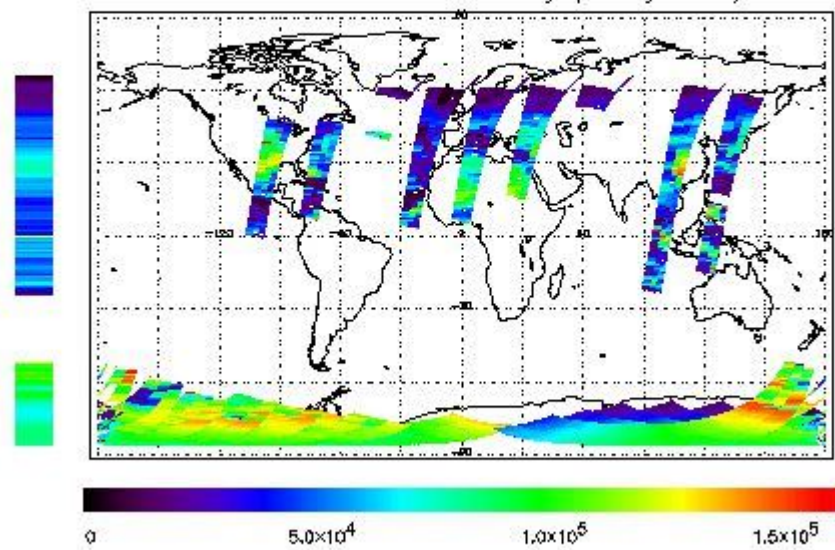
2.2 - Daily Plots

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 : 11-DEC-2009 23:45:47.955 : ORBIT : 76566.0157
 Last Product : 12-DEC-2009 23:38:20.829 : ORBIT : 76580.2559
 Total Products Processed : 21898 Day : 346 Page : 21

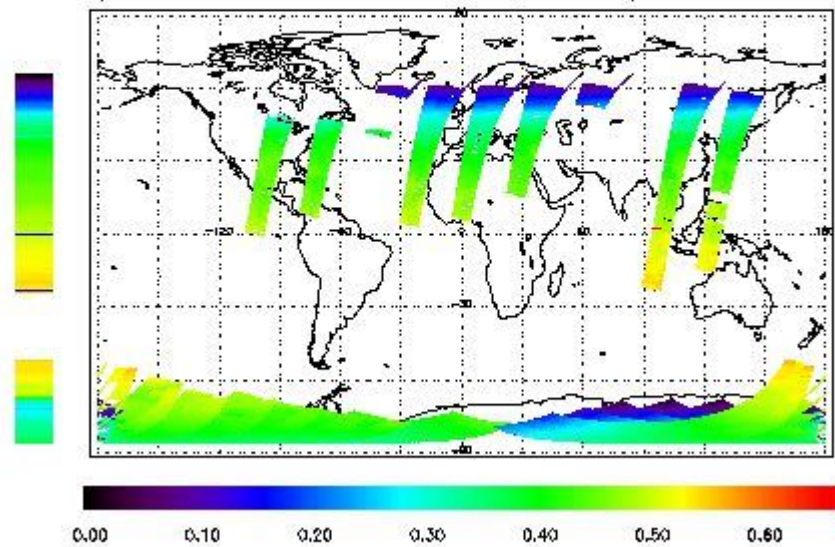
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 11-DEC-2009 23:45:47.955 : ORBIT : 76566.0157
 Last Product : 12-DEC-2009 23:38:20.829 : ORBIT : 76580.2559
 Total Products Processed : 21898 Day : 346 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
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