

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	12-APR-2010
Start Time of First Product	23:42:13
Stop Time of Last Product	23:34:46
Number of EGOI Products analysed	46
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100412BEEP2443.E2	12-APR-2010	01:56:06.366
EGOI_100412CMEP7496.E2	12-APR-2010	17:06:35.944
EGOI_100412GSEP3929.E2	12-APR-2010	01:30:16.709
EGOI_100412GSEP3960.E2	12-APR-2010	03:08:00.803
EGOI_100412GSEP3967.E2	12-APR-2010	04:51:04.432
EGOI_100412KSEP9726.E2	11-APR-2010	23:58:11.645
EGOI_100412KSEP9739.E2	12-APR-2010	06:49:44.167
EGOI_100412KSEP9757.E2	12-APR-2010	08:29:38.774
EGOI_100412KSEP9776.E2	12-APR-2010	10:09:19.889

EGOI_100412KSEP9805.E2	12-APR-2010	11:48:48.996
EGOI_100412KSEP9820.E2	12-APR-2010	13:27:51.103
EGOI_100412KSEP9845.E2	12-APR-2010	15:06:35.212
EGOI_100412KSEP9861.E2	12-APR-2010	16:44:02.807
EGOI_100412KSEP9890.E2	12-APR-2010	18:22:00.406
EGOI_100412KSEP9918.E2	12-APR-2010	20:00:41.517
EGOI_100412KSEP9943.E2	12-APR-2010	21:41:34.628
EGOI_100412KSEP9959.E2	12-APR-2010	23:24:48.766
EGOI_100412MAEP0923.E2	12-APR-2010	08:37:38.825
EGOI_100412MAEP0938.E2	12-APR-2010	10:16:43.932
EGOI_100412MAEP0961.E2	12-APR-2010	19:54:21.978
EGOI_100412MAEP0985.E2	12-APR-2010	21:33:30.081
EGOI_100412MIEP9208.E2	12-APR-2010	03:03:54.780
EGOI_100412MIEP9234.E2	12-APR-2010	04:44:52.401
EGOI_100412MIEP9258.E2	12-APR-2010	15:24:05.317
EGOI_100412MIEP9286.E2	12-APR-2010	17:03:52.428
EGOI_100412MMEP6327.E2	12-APR-2010	00:47:14.944
EGOI_100412MMEP6333.E2	12-APR-2010	02:29:42.573
EGOI_100412MMEP6340.E2	12-APR-2010	04:12:25.201
EGOI_100412MMEP6347.E2	12-APR-2010	05:54:46.827
EGOI_100412MMEP6354.E2	12-APR-2010	07:36:15.948
EGOI_100412MMEP6361.E2	12-APR-2010	09:17:01.567
EGOI_100412MMEP6367.E2	12-APR-2010	10:57:21.680
EGOI_100412MMEP6377.E2	12-APR-2010	12:37:16.293
EGOI_100412MMEP6384.E2	12-APR-2010	14:16:57.410
EGOI_100412MMEP6393.E2	12-APR-2010	15:56:23.517
EGOI_100412MMEP6401.E2	12-APR-2010	19:15:26.239
EGOI_100412MMEP6409.E2	12-APR-2010	22:34:36.457
EGOI_100412MSEP1665.E2	11-APR-2010	23:42:13.043
EGOI_100412MSEP1690.E2	12-APR-2010	10:23:58.977
EGOI_100412MSEP1719.E2	12-APR-2010	12:01:49.074
EGOI_100412MSEP1732.E2	12-APR-2010	13:44:31.706
EGOI_100412MSEP1764.E2	12-APR-2010	23:10:42.676
EGOI_100412SGEP4825.E2	12-APR-2010	02:08:49.944
EGOI_100412SGEP4830.E2	12-APR-2010	03:45:38.534
EGOI_100412SGEP4836.E2	12-APR-2010	14:43:41.071
EGOI_100412SGEP4842.E2	12-APR-2010	16:21:28.170

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78304	12-APR-2010	10:07:37.142	10:09:19.888	102.74600
KS	78305	12-APR-2010	11:47:06.733	11:48:48.995	102.26200
KS	78306	12-APR-2010	13:26:10.316	13:27:51.102	100.78600

KS	78307	12-APR-2010	15:04:40.378	15:06:35.211	114.83300
KS	78308	12-APR-2010	16:42:16.753	16:44:02.807	106.05400
KS	78309	12-APR-2010	18:20:12.468	18:22:00.406	107.93800
KS	78310	12-APR-2010	19:59:19.787	20:00:41.516	81.729000
KS	78311	12-APR-2010	21:40:17.747	21:41:34.627	76.880000
MS	78304	12-APR-2010	10:22:09.935	10:23:58.977	109.04200
MS	78305	12-APR-2010	12:00:02.600	12:01:49.074	106.47400
MS	78312	12-APR-2010	23:09:13.939	23:10:42.676	88.737000
MA	78304	12-APR-2010	10:15:42.576	10:16:43.932	61.356000
MA	78310	12-APR-2010	19:52:34.105	19:54:21.978	107.87300
MA	78311	12-APR-2010	21:31:52.263	21:33:30.080	97.817000
MI	78307	12-APR-2010	15:22:32.310	15:24:05.316	93.006000
MI	78308	12-APR-2010	17:02:20.786	17:03:52.427	91.641000
MM	78309	12-APR-2010	19:14:01.083	19:15:26.238	85.155000
SG	78306	12-APR-2010	14:40:14.107	14:43:41.071	206.96400
SG	78307	12-APR-2010	16:19:34.254	16:21:28.170	113.91600
CM	78308	12-APR-2010	17:04:40.589	17:06:35.943	115.35400

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78298	12-APR-2010	00:34:57.871	00:49:22.125	864.25400
BE	78300	12-APR-2010	03:33:02.942	03:46:05.897	782.95500
CM	78300	12-APR-2010	03:02:46.603	03:12:16.326	569.72300
CM	78300	12-APR-2010	04:40:45.970	04:52:20.370	694.40000
JO	78302	12-APR-2010	07:14:27.025	07:27:36.795	789.77000
JO	78303	12-APR-2010	08:52:56.150	09:07:17.219	861.06900
HO	78306	12-APR-2010	14:25:15.846	14:37:34.584	738.73800
BE	78307	12-APR-2010	14:50:02.059	15:02:44.923	762.86400
GS	78307	12-APR-2010	15:16:26.450	15:29:50.877	804.42700
CM	78307	12-APR-2010	15:26:21.970	15:35:56.684	574.71400
MM	78308	12-APR-2010	17:34:52.042	17:47:23.837	751.79500
GS	78308	12-APR-2010	16:55:57.760	17:08:52.619	774.85900
JO	78309	12-APR-2010	19:34:30.296	19:46:40.984	730.68800
MM	78310	12-APR-2010	20:53:28.612	21:06:12.217	763.60500
JO	78310	12-APR-2010	21:12:43.222	21:27:24.102	880.88000

HO	78311	12-APR-2010	22:26:09.190	22:38:14.780	725.59000
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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	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

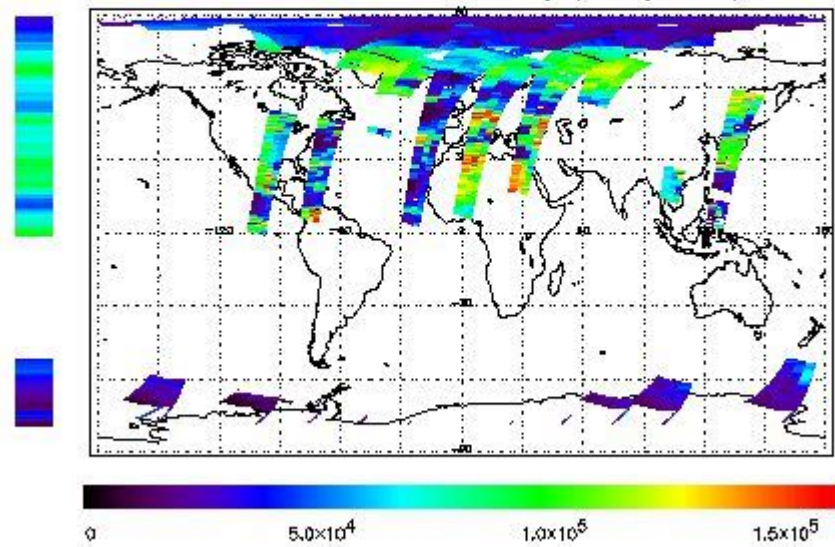
2.2 - Daily Plots

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-APR-2010 23:42:13.043 : ORBIT : 78298.0087
 Last Product : 12-APR-2010 23:34:45.824 : ORBIT : 78312.2489
 Total Products Processed : 21358 Day : 102 Page : 21

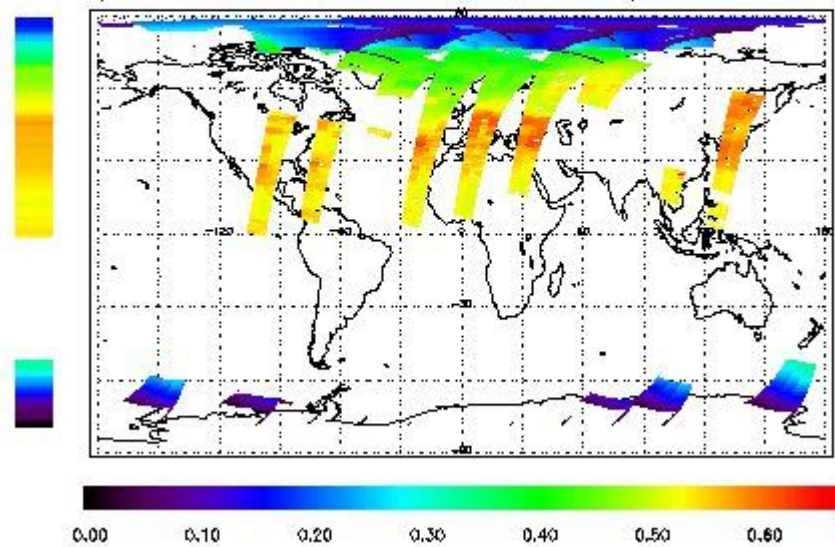
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 11-APR-2010 23:42:13.043 : ORBIT : 78298.0087
 Last Product : 12-APR-2010 23:34:45.824 : ORBIT : 78312.2489
 Total Products Processed : 21358 Day : 102 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
07:00 10-Mar	--	77830	--