

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	18-MAR-2011
Start Time of First Product	01:02:54
Stop Time of Last Product	23:06:48
Number of EGOI Products analysed	34
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110318CMEP4987.E2	18-MAR-2011	02:38:53.191
EGOI_110318CMEP4995.E2	18-MAR-2011	04:14:38.778
EGOI_110318CMEP5006.E2	18-MAR-2011	15:01:20.236
EGOI_110318GSEP7967.E2	18-MAR-2011	01:05:03.119
EGOI_110318GSEP7999.E2	18-MAR-2011	02:41:51.710
EGOI_110318GSEP8009.E2	18-MAR-2011	04:24:37.337
EGOI_110318HLEP9643.E2	18-MAR-2011	12:19:59.748
EGOI_110318HLEP9652.E2	18-MAR-2011	15:41:23.483
EGOI_110318KSEP9049.E2	18-MAR-2011	06:25:35.077

EGOI_110318KSEP9073.E2	18-MAR-2011	08:02:52.174
EGOI_110318KSEP9099.E2	18-MAR-2011	09:42:21.284
EGOI_110318KSEP9122.E2	18-MAR-2011	11:21:51.892
EGOI_110318KSEP9139.E2	18-MAR-2011	13:00:52.503
EGOI_110318KSEP9148.E2	18-MAR-2011	14:39:33.602
EGOI_110318KSEP9160.E2	18-MAR-2011	16:17:28.202
EGOI_110318KSEP9188.E2	18-MAR-2011	17:55:00.301
EGOI_110318KSEP9220.E2	18-MAR-2011	19:32:53.400
EGOI_110318KSEP9246.E2	18-MAR-2011	21:13:00.016
EGOI_110318KSEP9263.E2	18-MAR-2011	22:55:29.142
EGOI_110318MAEP3849.E2	18-MAR-2011	21:05:23.972
EGOI_110318MAEP3864.E2	18-MAR-2011	22:48:24.599
EGOI_110318MIEP6060.E2	18-MAR-2011	02:38:15.687
EGOI_110318MIEP6089.E2	18-MAR-2011	04:17:01.290
EGOI_110318MIEP6115.E2	18-MAR-2011	14:57:33.712
EGOI_110318MIEP6145.E2	18-MAR-2011	16:35:52.319
EGOI_110318MSEP0732.E2	18-MAR-2011	01:02:54.103
EGOI_110318MSEP0747.E2	18-MAR-2011	09:58:24.379
EGOI_110318MSEP0776.E2	18-MAR-2011	11:34:51.970
EGOI_110318MSEP0800.E2	18-MAR-2011	13:15:33.089
EGOI_110318MSEP0830.E2	18-MAR-2011	22:43:03.564
EGOI_110318SGEP2188.E2	18-MAR-2011	03:27:36.988
EGOI_110318SGEP2193.E2	18-MAR-2011	05:01:28.560
EGOI_110318SGEP2198.E2	18-MAR-2011	14:15:46.957
EGOI_110318SGEP2203.E2	18-MAR-2011	15:53:19.057

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MS	83171	18-MAR-2011	09:54:03.931	09:58:24.378	260.44700
MS	83172	18-MAR-2011	11:31:39.010	11:34:51.970	192.96000
MI	83174	18-MAR-2011	14:53:58.690	14:57:33.712	215.02200
MI	83175	18-MAR-2011	16:33:30.927	16:35:52.318	141.39100
SG	83167	18-MAR-2011	03:16:17.087	03:27:36.987	679.90000
SG	83173	18-MAR-2011	14:11:51.646	14:15:46.956	235.31000
SG	83174	18-MAR-2011	15:50:51.216	15:53:19.057	147.84100
CM	83174	18-MAR-2011	14:57:54.306	15:01:20.235	205.92900

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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HO	83165	18-MAR-2011	00:07:26.971	00:21:57.852	870.88100
MM	83165	18-MAR-2011	00:19:17.087	00:30:04.850	647.76300
BE	83166	18-MAR-2011	01:26:46.825	01:38:00.365	673.54000
MM	83166	18-MAR-2011	02:01:38.584	02:10:17.990	519.40600
SG	83166	18-MAR-2011	01:40:22.283	01:48:04.125	461.84200
BE	83167	18-MAR-2011	03:05:20.942	03:18:27.693	786.75100
MM	83167	18-MAR-2011	03:44:35.753	03:51:00.668	384.91500
MM	83168	18-MAR-2011	05:26:56.198	05:32:51.735	355.53700
MI	83168	18-MAR-2011	04:15:19.760	04:25:33.441	613.68100
GS	83168	18-MAR-2011	04:21:57.066	04:30:48.084	531.01800
CM	83168	18-MAR-2011	05:53:28.805	06:05:11.386	702.58100
MM	83169	18-MAR-2011	07:07:58.161	07:15:45.842	467.68100
JO	83169	18-MAR-2011	06:46:37.299	06:59:35.915	778.61600
MM	83170	18-MAR-2011	08:48:18.875	08:58:25.228	606.35300
MA	83170	18-MAR-2011	08:08:41.545	08:20:50.846	729.30100
JO	83170	18-MAR-2011	08:24:47.721	08:39:14.966	867.24500
HO	83171	18-MAR-2011	10:39:48.374	10:48:34.929	526.55500
MM	83171	18-MAR-2011	10:28:21.376	10:40:07.137	705.76100
MA	83171	18-MAR-2011	09:47:28.541	10:00:13.870	765.32900
HO	83172	18-MAR-2011	12:16:55.453	12:31:39.175	883.72200
MM	83172	18-MAR-2011	12:08:10.406	12:20:44.714	754.30800
MA	83172	18-MAR-2011	11:29:34.418	11:34:03.127	268.70900
HO	83173	18-MAR-2011	13:56:44.184	14:09:16.877	752.69300
MM	83173	18-MAR-2011	13:47:45.004	14:00:28.628	763.62400
BE	83174	18-MAR-2011	14:21:21.229	14:34:09.864	768.63500
MM	83174	18-MAR-2011	15:27:03.411	15:39:39.010	755.59900
GS	83174	18-MAR-2011	14:47:50.765	15:01:10.375	799.61000
MM	83175	18-MAR-2011	17:06:07.430	17:18:39.156	751.72600
GS	83175	18-MAR-2011	16:27:11.188	16:40:11.821	780.63300
CM	83175	18-MAR-2011	16:35:52.247	16:47:28.816	696.56900
MM	83176	18-MAR-2011	18:45:08.267	18:57:47.057	758.79000
JO	83176	18-MAR-2011	19:05:44.320	19:17:38.740	714.42000
MM	83177	18-MAR-2011	20:24:26.910	20:37:10.633	763.72300
JO	83177	18-MAR-2011	20:43:40.833	20:58:25.822	884.98900
HO	83178	18-MAR-2011	21:57:07.508	22:09:03.812	716.30400
MM	83178	18-MAR-2011	22:04:26.576	22:16:50.167	743.59100

HO	83179	18-MAR-2011	23:34:21.664	23:48:53.171	871.50700
MM	83179	18-MAR-2011	23:45:24.750	23:56:43.617	678.86700
MS	83179	18-MAR-2011	22:39:57.040	22:53:24.844	807.80400
KS	83179	18-MAR-2011	22:54:24.795	23:02:56.062	511.26700

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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

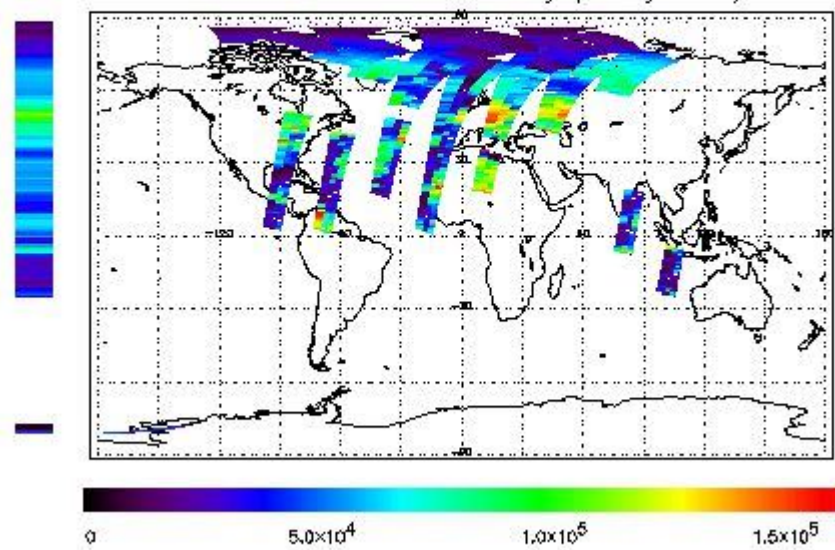
2.2 - Daily Plots

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 : 18-MAR-2011 01:02:54.103 : ORBIT : 83165.6679
 Last Product : 18-MAR-2011 23:06:48.708 : ORBIT : 83178.8282
 Total Products Processed : 14619 Day : 77 Page : 21

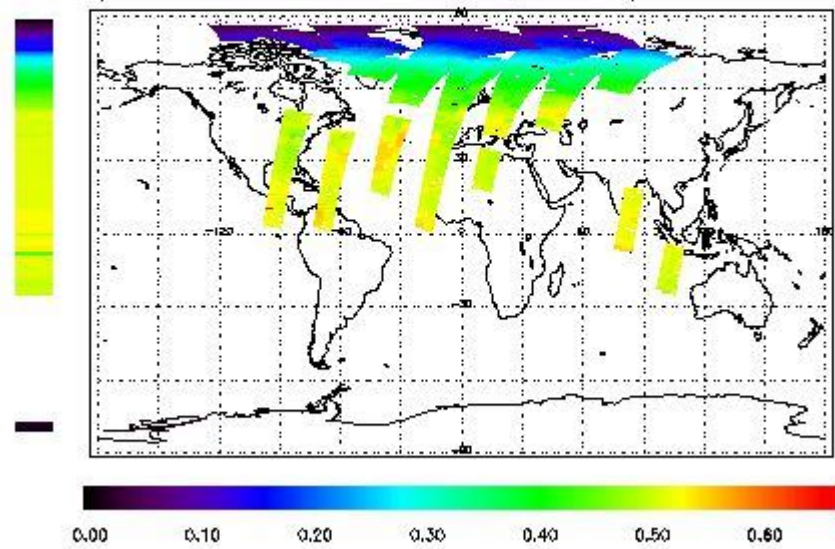
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 18-MAR-2011 01:02:54.103 : ORBIT : 83165.6679
 Last Product : 18-MAR-2011 23:06:48.708 : ORBIT : 83178.8282
 Total Products Processed : 14619 Day : 77 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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