

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	07-MAR-2011
Start Time of First Product	00:23:25
Stop Time of Last Product	22:33:35
Number of EGOI Products analysed	31
Number of corrupted products	1
Anomalies and/or Special Operations	Due to the ERS-2 lowering manoeuvres, data acquired during the transition period, from 22 February to 10 March, are for internal use only.

1.2 - List of received products

Name	Date	Time
EGOI_110307CMEP4629.E2	07-MAR-2011	03:41:53.242
EGOI_110307CMEP4637.E2	07-MAR-2011	05:22:34.360
EGOI_110307CMEP4645.E2	07-MAR-2011	16:04:54.812
EGOI_110307CMEP4656.E2	07-MAR-2011	17:45:13.431
EGOI_110307GSEP7154.E2	07-MAR-2011	00:33:52.086
EGOI_110307GSEP7176.E2	07-MAR-2011	02:08:48.170
EGOI_110307GSEP7202.E2	07-MAR-2011	03:48:23.281
EGOI_110307GSEP7211.E2	07-MAR-2011	05:30:55.413
EGOI_110307KSEP6714.E2	07-MAR-2011	07:29:03.637

EGOI_110307KSEP6743.E2	07-MAR-2011	09:08:58.257
EGOI_110307KSEP6766.E2	07-MAR-2011	10:48:34.872
EGOI_110307KSEP6793.E2	07-MAR-2011	12:27:44.475
EGOI_110307KSEP6804.E2	07-MAR-2011	14:06:37.587
EGOI_110307KSEP6826.E2	07-MAR-2011	15:44:23.186
EGOI_110307KSEP6840.E2	07-MAR-2011	17:22:10.290
EGOI_110307KSEP6869.E2	07-MAR-2011	19:00:03.394
EGOI_110307KSEP6889.E2	07-MAR-2011	20:39:17.508
EGOI_110307KSEP6916.E2	07-MAR-2011	22:21:10.632
EGOI_110307MAEP3268.E2	07-MAR-2011	10:58:16.927
EGOI_110307MIEP5138.E2	07-MAR-2011	02:06:25.654
EGOI_110307MIEP5159.E2	07-MAR-2011	03:43:00.750
EGOI_110307MIEP5178.E2	07-MAR-2011	14:25:49.704
EGOI_110307MIEP5201.E2	07-MAR-2011	16:01:35.292
EGOI_110307MIEP5220.E2	07-MAR-2011	17:43:22.419
EGOI_110307MSEP9395.E2	07-MAR-2011	00:23:25.020
EGOI_110307MSEP9424.E2	07-MAR-2011	11:01:46.946
EGOI_110307MSEP9451.E2	07-MAR-2011	12:41:10.058
EGOI_110307MSEP9482.E2	07-MAR-2011	22:10:31.565
EGOI_110307SGEP1971.E2	07-MAR-2011	02:46:24.397
EGOI_110307SGEP1978.E2	07-MAR-2011	04:26:01.016
EGOI_110307SGEP1985.E2	07-MAR-2011	17:04:43.188

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	83007	06-MAR-2011	23:55:08.670	00:09:38.962	870.29200
MM	83007	07-MAR-2011	00:06:03.120	00:17:27.087	683.96700
HO	83008	07-MAR-2011	01:36:27.766	01:47:54.313	686.54700
MM	83008	07-MAR-2011	01:48:10.469	01:57:41.790	571.32100
MS	83008	07-MAR-2011	00:43:20.777	00:51:26.101	485.32400
BE	83009	07-MAR-2011	02:53:12.078	03:06:35.701	803.62300
MM	83009	07-MAR-2011	03:31:08.408	03:38:18.377	429.96900
BE	83010	07-MAR-2011	04:33:34.077	04:43:43.944	609.86700
MM	83010	07-MAR-2011	05:14:00.533	05:19:47.139	346.60600

MI	83010	07-MAR-2011	04:01:58.831	04:14:45.092	766.26100
MM	83011	07-MAR-2011	06:55:37.190	07:02:33.887	416.69700
KS	83011	07-MAR-2011	06:09:15.844	06:15:17.800	361.95600
JO	83011	07-MAR-2011	06:37:08.204	06:46:24.584	556.38000
MM	83012	07-MAR-2011	08:36:16.970	08:45:34.523	557.55300
MA	83012	07-MAR-2011	07:59:07.283	08:07:05.948	478.66500
JO	83012	07-MAR-2011	08:12:49.803	08:27:51.291	901.48800
MM	83013	07-MAR-2011	10:16:33.112	10:27:47.979	674.86700
MA	83013	07-MAR-2011	09:35:51.191	09:49:30.796	819.60500
JO	83013	07-MAR-2011	09:55:33.883	10:04:34.026	540.14300
MM	83014	07-MAR-2011	11:56:35.131	12:08:56.916	741.78500
MM	83015	07-MAR-2011	13:36:23.343	13:49:06.822	763.47900
SG	83015	07-MAR-2011	14:03:05.244	14:10:40.586	455.34200
BE	83016	07-MAR-2011	14:09:49.231	14:23:14.128	804.89700
MM	83016	07-MAR-2011	15:15:55.902	15:28:34.966	759.06400
GS	83016	07-MAR-2011	14:37:13.498	14:48:09.177	655.67900
SG	83016	07-MAR-2011	15:39:01.307	15:52:48.024	826.71700
BE	83017	07-MAR-2011	15:52:36.331	16:00:37.299	480.96800
MM	83017	07-MAR-2011	16:55:12.557	17:07:44.357	751.80000
GS	83017	07-MAR-2011	16:15:57.960	16:29:47.524	829.56400
MM	83018	07-MAR-2011	18:34:20.604	18:46:55.952	755.34800
GS	83018	07-MAR-2011	17:56:30.025	18:06:04.746	574.72100
MM	83019	07-MAR-2011	20:13:37.833	20:26:21.375	763.54200
MA	83019	07-MAR-2011	19:16:24.882	19:24:43.809	498.92700
JO	83019	07-MAR-2011	20:32:55.331	20:47:52.656	897.32500
HO	83020	07-MAR-2011	21:48:52.717	21:57:36.764	524.04700
MM	83020	07-MAR-2011	21:53:27.821	22:06:03.244	755.42300
MA	83020	07-MAR-2011	20:51:24.563	21:05:07.304	822.74100
HO	83021	07-MAR-2011	23:24:07.232	2	

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1.5 - List of corrupted products

Station	Orbit	Time
MI	83017	16:09:06.839

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

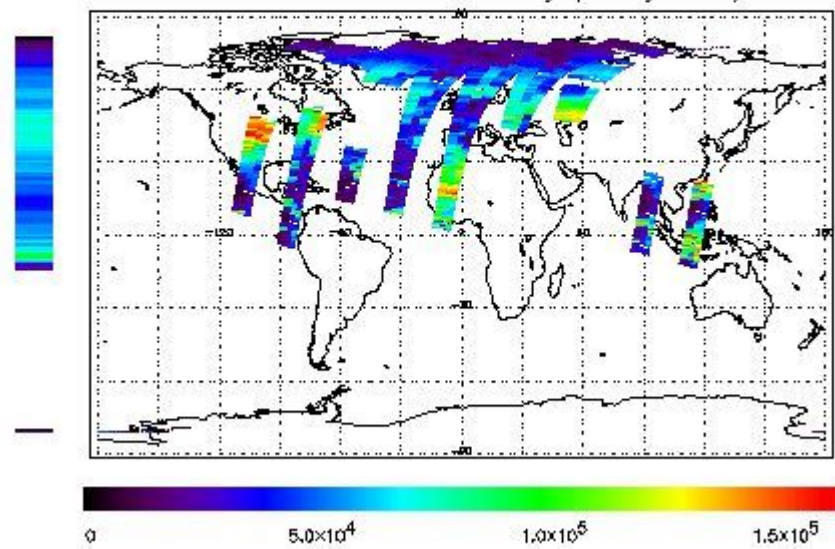
2.2 - Daily Plots

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 : 07-MAR-2011 00:23:25.020 : ORBIT : 83007.8182
 Last Product : 07-MAR-2011 22:33:34.706 : ORBIT : 83021.0407
 Total Products Processed : 13958 Day : 66 Page : 21

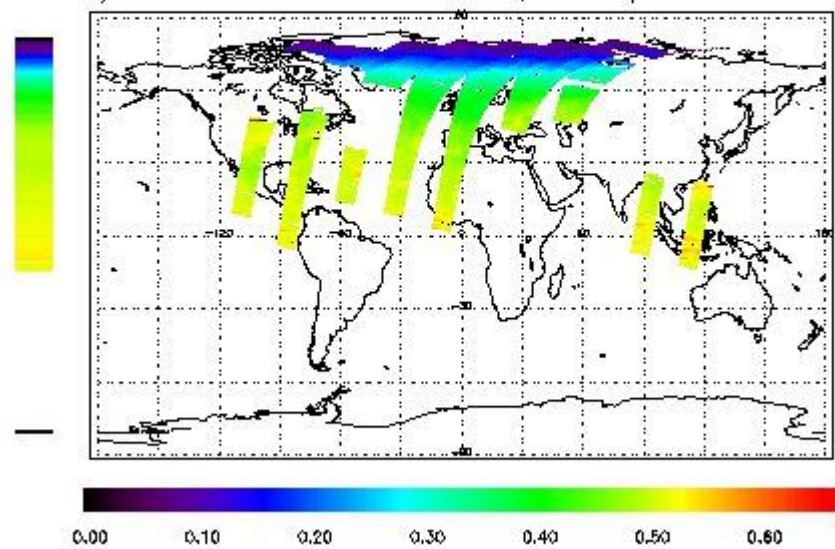
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 07-MAR-2011 00:23:25.020 : ORBIT : 83007.8182
 Last Product : 07-MAR-2011 22:33:34.706 : ORBIT : 83021.0407
 Total Products Processed : 13958 Day : 66 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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