

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	02-MAR-2011
Start Time of First Product	23:48:02 (01-Mar)
Stop Time of Last Product	23:38:46
Number of EGOI Products analysed	32
Number of corrupted products	--
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; no solar calibration measurements and Narrow Swath are planned during the transition period.

1.2 - List of received products

Name	Date	Time
EGOI_110302CMEP4573.E2	02-MAR-2011	03:08:52.243
EGOI_110302CMEP4580.E2	02-MAR-2011	04:49:46.865
EGOI_110302CMEP4587.E2	02-MAR-2011	15:31:35.810
EGOI_110302CMEP4596.E2	02-MAR-2011	17:10:06.417
EGOI_110302GSEP6835.E2	02-MAR-2011	01:35:39.671
EGOI_110302GSEP6842.E2	02-MAR-2011	03:13:34.270
EGOI_110302GSEP6851.E2	02-MAR-2011	05:05:06.463
EGOI_110302HLEP9488.E2	02-MAR-2011	22:31:45.897
EGOI_110302KSEP5511.E2	02-MAR-2011	00:05:43.622
EGOI_110302KSEP5533.E2	02-MAR-2011	06:54:56.637
EGOI_110302KSEP5561.E2	02-MAR-2011	08:34:43.749
EGOI_110302KSEP5582.E2	02-MAR-2011	10:14:17.362
EGOI_110302KSEP5610.E2	02-MAR-2011	11:53:38.973
EGOI_110302KSEP5633.E2	02-MAR-2011	13:32:36.584
EGOI_110302KSEP5654.E2	02-MAR-2011	15:10:58.184
EGOI_110302KSEP5671.E2	02-MAR-2011	16:48:36.284
EGOI_110302KSEP5694.E2	02-MAR-2011	18:26:20.391
EGOI_110302KSEP5714.E2	02-MAR-2011	20:05:14.995
EGOI_110302KSEP5735.E2	02-MAR-2011	21:46:06.618
EGOI_110302KSEP5749.E2	02-MAR-2011	23:29:04.253
EGOI_110302MIEP4670.E2	02-MAR-2011	15:28:35.794
EGOI_110302MIEP4694.E2	02-MAR-2011	17:08:28.905
EGOI_110302MSEP8770.E2	01-MAR-2011	23:48:01.508
EGOI_110302MSEP8794.E2	02-MAR-2011	10:28:48.952
EGOI_110302MSEP8823.E2	02-MAR-2011	12:06:37.551
EGOI_110302MSEP8832.E2	02-MAR-2011	13:49:36.687
EGOI_110302MSEP8852.E2	02-MAR-2011	21:38:14.067
EGOI_110302MSEP8884.E2	02-MAR-2011	23:14:46.163
EGOI_110302SGEP1860.E2	02-MAR-2011	02:13:51.902
EGOI_110302SGEP1868.E2	02-MAR-2011	03:50:40.497
EGOI_110302SGEP1875.E2	02-MAR-2011	14:48:25.051
EGOI_110302SGEP1881.E2	02-MAR-2011	16:26:19.650

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	82941	02-MAR-2011	08:47:57.330	08:58:18.143	620.81300
KS	82942	02-MAR-2011	10:28:05.447	10:38:40.856	635.40900
KS	82943	02-MAR-2011	12:06:49.555	12:17:23.706	634.15100
KS	82944	02-MAR-2011	13:45:08.158	13:55:11.536	603.37800
KS	82945	02-MAR-2011	15:22:40.254	15:33:02.374	622.12000
KS	82946	02-MAR-2011	17:01:24.365	17:11:35.796	611.43100

KS	82947	02-MAR-2011	18:40:21.972	18:50:48.783	626.81100
KS	82948	02-MAR-2011	20:19:51.084	20:30:22.393	631.30900
KS	82949	02-MAR-2011	21:59:24.696	22:09:58.988	634.29200
GS	82937	02-MAR-2011	01:49:00.756	01:58:08.254	547.49800
GS	82938	02-MAR-2011	03:28:29.863	03:37:49.038	559.17500
MS	82936	02-MAR-2011	00:01:19.589	00:10:28.141	548.55200
MS	82942	02-MAR-2011	10:38:49.009	10:49:42.621	653.61200
MS	82943	02-MAR-2011	12:19:48.132	12:29:56.141	608.00900
MS	82950	02-MAR-2011	23:28:32.749	23:39:37.889	665.14000
MI	82945	02-MAR-2011	15:40:08.863	15:52:30.619	741.75600
SG	82938	02-MAR-2011	04:02:58.574	04:14:24.141	685.56700
SG	82944	02-MAR-2011	14:58:26.608	15:10:05.589	698.98100
SG	82945	02-MAR-2011	16:37:42.215	16:47:39.549	597.33400
CM	82938	02-MAR-2011	04:59:10.923	05:08:49.797	578.87400
CM	82946	02-MAR-2011	17:22:18.491	17:32:29.891	611.40000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	82936	02-MAR-2011	00:52:26.336	01:06:12.445	826.10900
MM	82936	02-MAR-2011	01:04:16.753	01:14:42.121	625.36800
BE	82937	02-MAR-2011	02:10:57.739	02:23:19.358	741.61900
MM	82937	02-MAR-2011	02:46:56.909	02:55:07.406	490.49700
MI	82937	02-MAR-2011	01:45:14.921	01:49:23.654	248.73300
BE	82938	02-MAR-2011	03:50:14.235	04:02:46.706	752.47100
MM	82938	02-MAR-2011	04:30:01.744	04:36:08.076	366.33200
MI	82938	02-MAR-2011	03:19:06.986	03:32:27.263	800.27700
MM	82939	02-MAR-2011	06:12:14.188	06:18:23.998	369.81000
MI	82939	02-MAR-2011	05:01:47.051	05:09:04.101	437.05000
MM	82940	02-MAR-2011	07:53:12.608	08:01:29.165	496.55700
JO	82940	02-MAR-2011	07:30:53.769	07:44:57.940	844.17100
MM	82941	02-MAR-2011	09:33:36.711	09:44:06.964	630.25300
MA	82941	02-MAR-2011	08:54:11.254	09:06:36.103	744.84900
JO	82941	02-MAR-2011	09:10:26.655	09:23:57.946	811.29100
HO	82942	02-MAR-2011	11:24:03.950	11:35:02.762	658.81200
MM	82942	02-MAR-2011	11:13:44.459	11:25:43.839	719.38000

MA	82942	02-MAR-2011	10:32:42.188	10:44:39.006	716.81800
HO	82943	02-MAR-2011	13:02:13.509	13:17:02.598	889.08900
MM	82943	02-MAR-2011	12:53:38.763	13:06:17.464	758.70100
HO	82944	02-MAR-2011	14:42:36.690	14:53:07.056	630.36600
MM	82944	02-MAR-2011	14:33:18.263	14:46:00.881	762.61800
GS	82944	02-MAR-2011	13:56:17.565	14:03:15.777	418.21200
BE	82945	02-MAR-2011	15:07:33.918	15:19:31.356	717.43800
MM	82945	02-MAR-2011	16:12:41.434	16:25:15.412	753.97800
GS	82945	02-MAR-2011	15:33:22.885	15:47:08.694	825.80900
MM	82946	02-MAR-2011	17:51:51.584	18:04:24.008	752.42400
GS	82946	02-MAR-2011	17:13:10.802	17:25:24.603	733.80100
MM	82947	02-MAR-2011	19:31:02.106	19:43:42.737	760.63100
JO	82947	02-MAR-2011	19:50:58.882	20:04:27.263	808.38100
MM	82948	02-MAR-2011	21:10:35.218	21:23:17.656	762.43800
MA	82948	02-MAR-2011	20:09:12.498	20:22:50.443	817.94500
JO	82948	02-MAR-2011	21:29:56.937	21:44:03.157	846.22000
HO	82949	02-MAR-2011	22:42:32.186	22:55:26.471	774.28500
MM	82949	02-MAR-2011	22:50:53.474	23:03:08.146	734.67200
MA	82949	02-MAR-2011	21:49:57.484	22:01:35.405	697.92100

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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

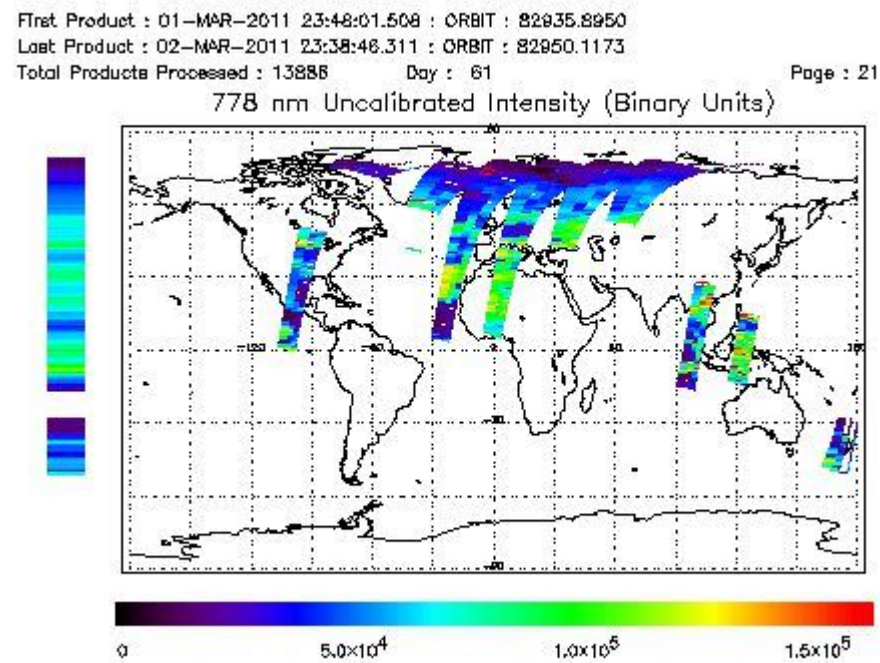
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration 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



Ozone Line Ratio

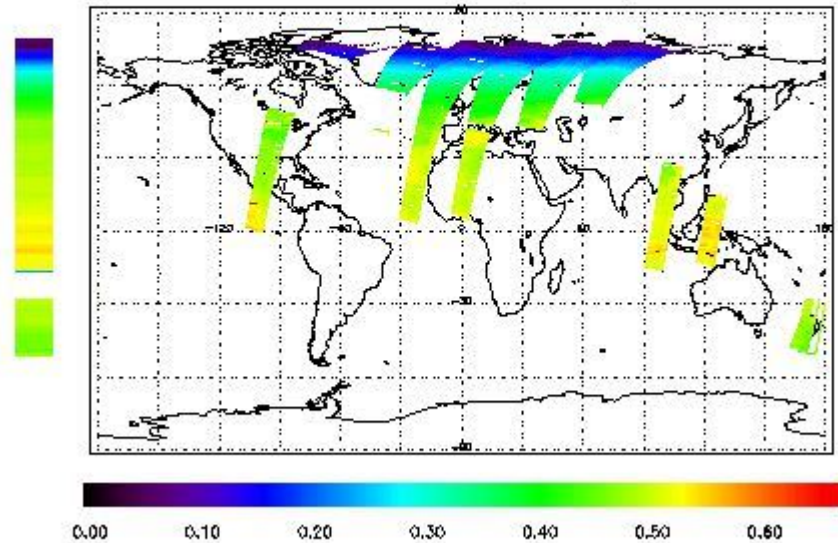
First Product : 01-MAR-2011 23:48:01.508 : ORBIT : 82935.8950

Last Product : 02-MAR-2011 23:38:46.311 : ORBIT : 82950.1173

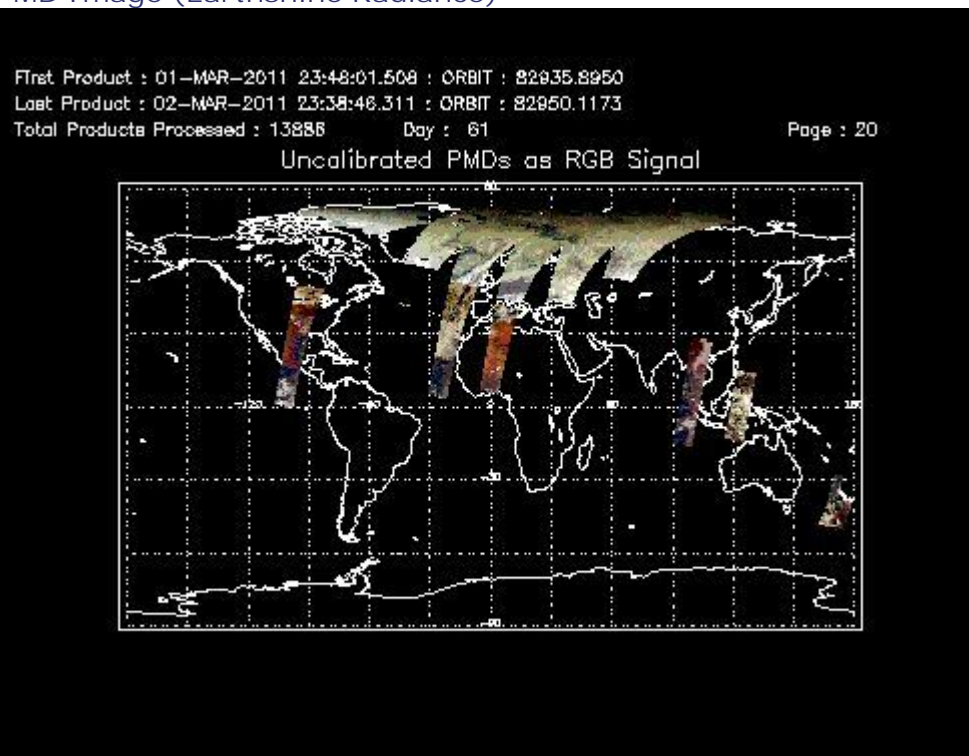
Total Products Processed : 13886 Day : 61

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331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



PMD Image (Earthshine Radiance)



3 - Instrument Calibration

3.1 - Solar Calibration (Daily/TST44)

Daily(D)/TST44(T)	Start Time	End Time (T)	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
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3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(Q)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any) (V)	Lamp Failure N. (if any)
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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	End Orbit	MPS Resumption	Ground Station Visibility
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
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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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(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors