

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	31-MAR-2011
Start Time of First Product	30-03-2011 23:47:10
Stop Time of Last Product	23:26:23
Number of EGOI Products analysed	34
Number of corrupted products	
Anomalies and/or Special Operations	

1.2 - List of received products

Name	Date	Time
EGOI_110331CMEP5292.E2	31-MAR-2011	03:41:45.021
EGOI_110331CMEP5301.E2	31-MAR-2011	05:22:57.644
EGOI_110331CMEP5307.E2	31-MAR-2011	16:05:01.580
EGOI_110331CMEP5316.E2	31-MAR-2011	17:45:39.703
EGOI_110331GSEP8831.E2	31-MAR-2011	00:33:57.370
EGOI_110331GSEP8852.E2	31-MAR-2011	02:09:08.457
EGOI_110331GSEP8860.E2	31-MAR-2011	03:48:39.064
EGOI_110331GSEP8868.E2	31-MAR-2011	05:31:14.195
EGOI_110331HLEP9776.E2	31-MAR-2011	01:17:42.637

EGOI_110331KSEP1760.E2	31-MAR-2011	07:29:23.924
EGOI_110331KSEP1790.E2	31-MAR-2011	09:09:12.530
EGOI_110331KSEP1814.E2	31-MAR-2011	10:48:47.645
EGOI_110331KSEP1839.E2	31-MAR-2011	12:27:57.257
EGOI_110331KSEP1854.E2	31-MAR-2011	14:06:50.359
EGOI_110331KSEP1868.E2	31-MAR-2011	15:44:43.463
EGOI_110331KSEP1877.E2	31-MAR-2011	17:22:23.058
EGOI_110331KSEP1906.E2	31-MAR-2011	19:00:37.161
EGOI_110331KSEP1924.E2	31-MAR-2011	20:39:36.272
EGOI_110331KSEP1943.E2	31-MAR-2011	22:21:09.891
EGOI_110331MAEP4540.E2	31-MAR-2011	10:56:20.692
EGOI_110331MAEP4563.E2	31-MAR-2011	20:32:15.225
EGOI_110331MIEP7451.E2	31-MAR-2011	02:07:03.946
EGOI_110331MIEP7472.E2	31-MAR-2011	03:43:33.033
EGOI_110331MIEP7490.E2	31-MAR-2011	14:26:47.477
EGOI_110331MIEP7518.E2	31-MAR-2011	16:02:39.069
EGOI_110331MIEP7541.E2	31-MAR-2011	17:44:26.195
EGOI_110331MMEP9281.E2	30-MAR-2011	23:47:10.581
EGOI_110331MMEP9289.E2	31-MAR-2011	01:28:24.703
EGOI_110331MMEP9297.E2	31-MAR-2011	04:53:28.960
EGOI_110331MMEP9315.E2	31-MAR-2011	23:13:19.212
EGOI_110331MSEP2315.E2	31-MAR-2011	00:23:34.804
EGOI_110331MSEP2342.E2	31-MAR-2011	11:01:59.728
EGOI_110331MSEP2369.E2	31-MAR-2011	12:41:22.831
EGOI_110331MSEP2400.E2	31-MAR-2011	22:10:53.328

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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	83351	31-MAR-2011	00:40:48.128	00:54:59.714	851.58600
MM	83351	31-MAR-2011	00:52:36.328	01:03:14.732	638.40400
KS	83351	31-MAR-2011	00:03:26.998	00:08:35.892	308.89400
BE	83352	31-MAR-2011	01:59:48.573	02:11:35.131	706.55800
SG	83352	31-MAR-2011	02:12:47.315	02:22:01.802	554.48700
BE	83353	31-MAR-2011	03:38:46.251	03:51:40.525	774.27400
MM	83353	31-MAR-2011	04:18:15.991	04:24:32.334	376.34300

SG	83353	31-MAR-2011	03:49:43.233	04:03:17.281	814.04800
MI	83354	31-MAR-2011	04:49:23.756	04:58:34.886	551.13000
MM	83355	31-MAR-2011	07:41:42.554	07:49:42.571	480.01700
JO	83355	31-MAR-2011	07:19:54.517	07:33:24.723	810.20600
MM	83356	31-MAR-2011	09:22:09.213	09:32:26.034	616.82100
MA	83356	31-MAR-2011	08:42:36.015	08:54:54.808	738.79300
JO	83356	31-MAR-2011	08:58:44.871	09:12:51.857	846.98600
MM	83357	31-MAR-2011	11:02:18.533	11:14:10.386	711.85300
MM	83358	31-MAR-2011	12:42:14.414	12:54:50.791	756.37700
HO	83359	31-MAR-2011	14:31:02.246	14:42:51.053	708.80700
MM	83359	31-MAR-2011	14:21:55.705	14:34:38.972	763.26700
SG	83359	31-MAR-2011	14:45:43.139	14:58:30.023	766.88400
BE	83360	31-MAR-2011	14:55:51.338	15:08:21.190	749.85200
MM	83360	31-MAR-2011	16:01:20.729	16:13:55.598	754.86900
GS	83360	31-MAR-2011	15:22:04.841	15:35:37.796	812.95500
SG	83360	31-MAR-2011	16:25:28.550	16:36:57.422	688.87200
MM	83361	31-MAR-2011	17:40:31.899	17:53:03.862	751.96300
GS	83361	31-MAR-2011	17:01:41.777	17:14:24.187	762.41000
MM	83362	31-MAR-2011	19:19:41.358	1	

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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

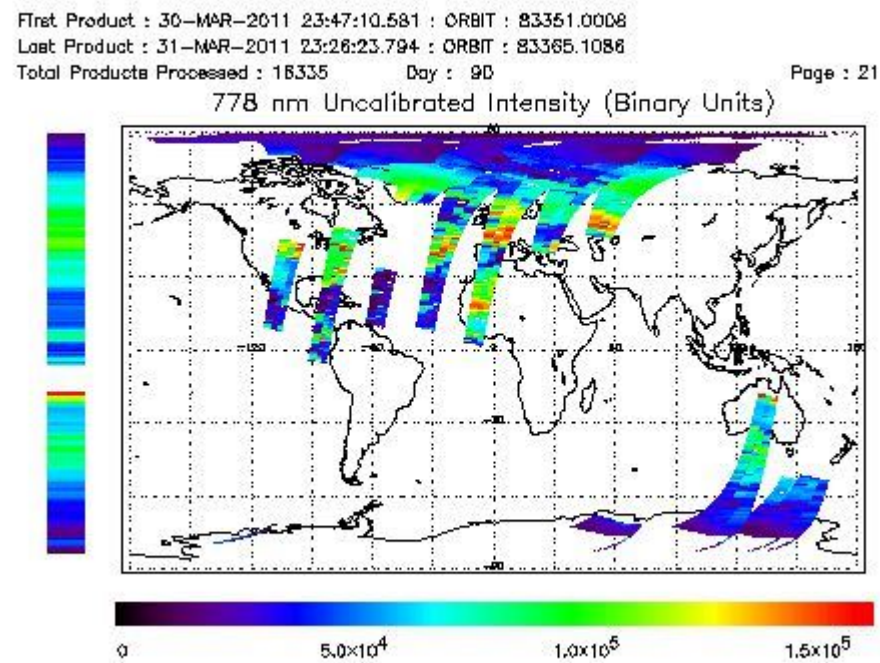
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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



Ozone Line Ratio

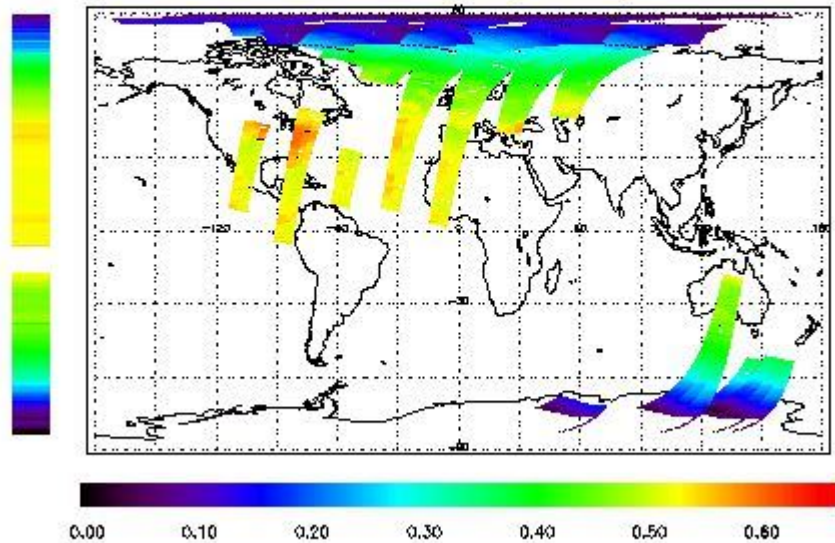
First Product : 30-MAR-2011 23:47:10.581 : ORBIT : 83351.0008

Last Product : 31-MAR-2011 23:26:23.794 : ORBIT : 83365.1086

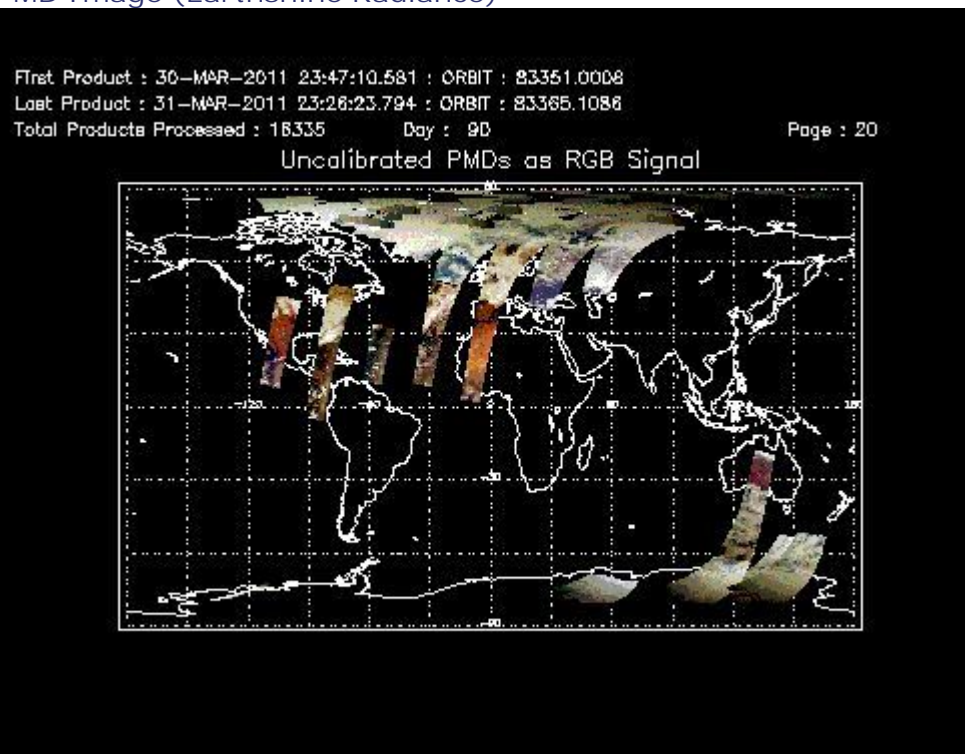
Total Products Processed : 18335 Day : 90

Page : 20

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)
D	15:47:35.974	--	83360	Yes		15342.

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