GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	17-MAR-2010
Start Time of First Product	23:59:54
Stop Time of Last Product	23:52:03
Number of EGOI Products analysed	36
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100317BEEP2161.E2	17-MAR-2010	02:13:02.383
EGOI_100317BEEP2168.E2	17-MAR-2010	03:52:19.490
EGOI_100317CMEP7062.E2	17-MAR-2010	03:21:58.306
EGOI_100317CMEP7073.E2	17-MAR-2010	15:45:31.359
EGOI_100317CMEP7078.E2	17-MAR-2010	17:25:45.475
EGOI_100317GSEP1915.E2	17-MAR-2010	01:46:59.227
EGOI_100317GSEP1943.E2	17-MAR-2010	03:25:37.330
EGOI_100317GSEP1952.E2	17-MAR-2010	05:08:24.456
EGOI_100317KSEP3038.E2	17-MAR-2010	07:06:59.682

EGOI_100317KSEP3059.E2	17-MAR-2010	08:46:58.801
EGOI_100317KSEP3085.E2	17-MAR-2010	10:26:38.412
EGOI_100317KSEP3119.E2	17-MAR-2010	12:06:04.515
EGOI_100317KSEP3139.E2	17-MAR-2010	13:45:03.627
EGOI_100317KSEP3167.E2	17-MAR-2010	15:23:35.730
EGOI_100317KSEP3185.E2	17-MAR-2010	17:01:01.826
EGOI_100317KSEP3218.E2	17-MAR-2010	18:38:59.426
EGOI_100317KSEP3248.E2	17-MAR-2010	20:17:57.030
EGOI_100317KSEP3276.E2	17-MAR-2010	21:59:18.656
EGOI_100317KSEP3300.E2	17-MAR-2010	23:43:14.792
EGOI_100317MAEP0016.E2	17-MAR-2010	21:51:18.601
EGOI_100317MAEP9959.E2	17-MAR-2010	08:54:21.344
EGOI_100317MAEP9974.E2	17-MAR-2010	10:34:08.455
EGOI_100317MAEP9994.E2	17-MAR-2010	20:11:14.991
EGOI_100317MIEP6367.E2	17-MAR-2010	01:46:38.223
EGOI_100317MIEP6390.E2	17-MAR-2010	03:20:55.299
EGOI_100317MIEP6412.E2	17-MAR-2010	05:03:25.929
EGOI_100317MIEP6428.E2	17-MAR-2010	15:41:10.331
EGOI_100317MIEP6453.E2	17-MAR-2010	17:21:45.452
EGOI_100317MMEP5583.E2	17-MAR-2010	02:47:25.095
EGOI_100317MSEP8575.E2	16-MAR-2010	23:59:54.068
EGOI_100317MSEP8601.E2	17-MAR-2010	10:40:42.994
EGOI_100317MSEP8629.E2	17-MAR-2010	12:19:22.598
EGOI_100317MSEP8652.E2	17-MAR-2010	21:50:38.097
EGOI_100317MSEP8684.E2	17-MAR-2010	23:28:02.694
EGOI_100317SGEP4340.E2	17-MAR-2010	15:02:01.096
EGOI_100317SGEP4345.E2	17-MAR-2010	16:39:43.693

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77930	17-MAR-2010	07:05:36.098	07:06:59.682	83.584000
KS	77931	17-MAR-2010	08:45:04.030	08:46:58.801	114.77100
KS	77932	17-MAR-2010	10:24:41.539	10:26:38.412	116.87300
KS	77933	17-MAR-2010	12:04:08.029	12:06:04.515	116.48600
KS	77934	17-MAR-2010	13:43:05.163	13:45:03.626	118.46300
KS	77935	17-MAR-2010	15:21:17.210	15:23:35.729	138.51900
KS	77936	17-MAR-2010	16:58:59.509	17:01:01.826	122.31700
KS	77937	17-MAR-2010	18:37:05.778	18:38:59.425	113.64700
KS	77938	17-MAR-2010	20:16:29.416	20:17:57.029	87.613000
KS	77939	17-MAR-2010	21:57:50.194	21:59:18.656	88.462000
KS	77940	17-MAR-2010	23:42:00.775	23:43:14.791	74.016000

GS	77927	17-MAR-2010	01:45:35.225	01:46:59.227	84.002000
GS	77928	17-MAR-2010	03:24:10.992	03:25:37.330	86.338000
MS	77926	16-MAR-2010	23:58:14.332	23:59:54.068	99.736000
MS	77932	17-MAR-2010	10:38:37.294	10:40:42.993	125.69900
MS	77933	17-MAR-2010	12:17:16.659	12:19:22.597	125.93800
MS	77939	17-MAR-2010	21:49:11.633	21:50:38.097	86.464000
MS	77940	17-MAR-2010	23:26:20.992	23:28:02.694	101.70200
MA	77939	17-MAR-2010	21:49:57.483	21:51:18.601	81.118000
MA	77932	17-MAR-2010	10:32:42.187	10:34:08.455	86.268000
MA	77938	17-MAR-2010	20:09:12.496	20:11:14.990	122.49400
MI	77927	17-MAR-2010	01:45:14.920	01:46:38.223	83.303000
MI	77928	17-MAR-2010	03:19:06.986	03:20:55.298	108.31200
MI	77929	17-MAR-2010	05:01:47.049	05:03:25.929	98.880000
MI	77935	17-MAR-2010	15:39:19.716	15:41:10.330	110.61400
MI	77936	17-MAR-2010	17:20:00.268	17:21:45.451	105.18300
BE	77927	17-MAR-2010	02:10:57.738	02:13:02.383	124.64500
BE	77928	17-MAR-2010	03:50:14.234	03:52:19.490	125.25600
SG	77934	17-MAR-2010	14:56:46.182	15:02:01.096	314.91400
SG	77935	17-MAR-2010	16:37:24.528	16:39:43.692	139.16400
CM	77928	17-MAR-2010	03:18:57.506	03:21:58.306	180.80000
CM	77935	17-MAR-2010	15:42:41.746	15:45:31.358	169.61200
CM	77936	17-MAR-2010	17:22:10.175	17:25:45.475	215.30000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	77926	17-MAR-2010	00:52:26.335	01:06:12.444	826.10900
MM	77926	17-MAR-2010	01:04:16.752	01:14:42.120	625.36800
KS	77926	17-MAR-2010	00:15:56.864	00:19:32.904	216.04000
SG	77927	17-MAR-2010	02:23:20.996	02:34:05.789	644.79300
MM	77928	17-MAR-2010	04:30:01.743	04:36:08.075	366.33200
SG	77928	17-MAR-2010	04:01:15.268	04:14:24.140	788.87200
MM	77929	17-MAR-2010	06:12:14.186	06:18:23.996	369.81000
MM	77930	17-MAR-2010	07:53:12.606	08:01:29.163	496.55700
JO	77930	17-MAR-2010	07:30:53.767	07:44:57.938	844.17100
MM	77931	17-MAR-2010	09:33:36.709	09:44:06.962	630.25300

JO	77931	17-MAR-2010	09:10:26.653	09:23:57.944	811.29100
HO	77932	17-MAR-2010	11:24:03.949	11:35:02.761	658.81200
MM	77932	17-MAR-2010	11:13:44.458	11:25:43.838	719.38000
HO	77933	17-MAR-2010	13:02:13.508	13:17:02.597	889.08900
MM	77933	17-MAR-2010	12:53:38.762	13:06:17.463	758.70100
HO	77934	17-MAR-2010	14:42:36.689	14:53:07.055	630.36600
MM	77934	17-MAR-2010	14:33:18.262	14:46:00.880	762.61800
GS	77934	17-MAR-2010	13:56:17.564	14:03:15.776	418.21200
SG	77934	17-MAR-2010	14:56:46.182	15:10:05.588	799.40600
BE	77935	17-MAR-2010	15:07:33.917	15:19:31.355	717.43800
MM	77935	17-MAR-2010	16:12:41.433	16:25:15.411	753.97800
GS	77935	17-MAR-2010	15:33:22.884	15:47:08.693	825.80900
MM	77936	17-MAR-2010	17:51:51.582	18:04:24.006	752.42400
GS	77936	17-MAR-2010	17:13:10.800	17:25:24.601	733.80100
MM	77937	17-MAR-2010	19:31:02.104	19:43:42.735	760.63100
JO	77937	17-MAR-2010	19:50:58.880	20:04:27.261	808.38100
MM	77938	17-MAR-2010	21:10:35.216	21:23:17.654	762.43800
JO	77938	17-MAR-2010	21:29:56.935	21:44:03.155	846.22000
HO	77939	17-MAR-2010	22:42:32.185	22:55:26.470	774.28500
MM	77939	17-MAR-2010	22:50:53.473	23:03:08.145	734.67200

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

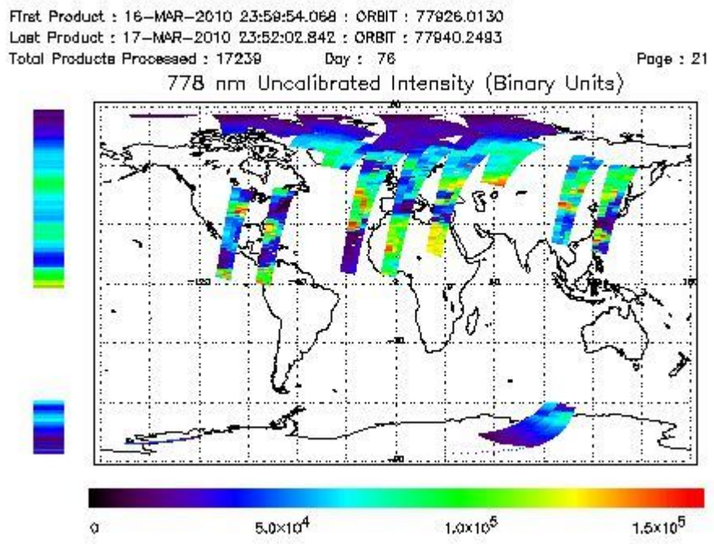
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

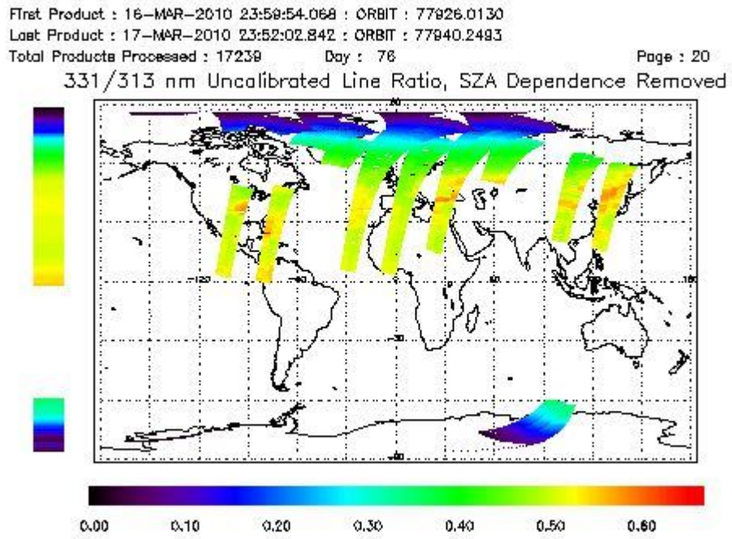
2.2 - Daily Plots

The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explaination see the GOME Performance Legend

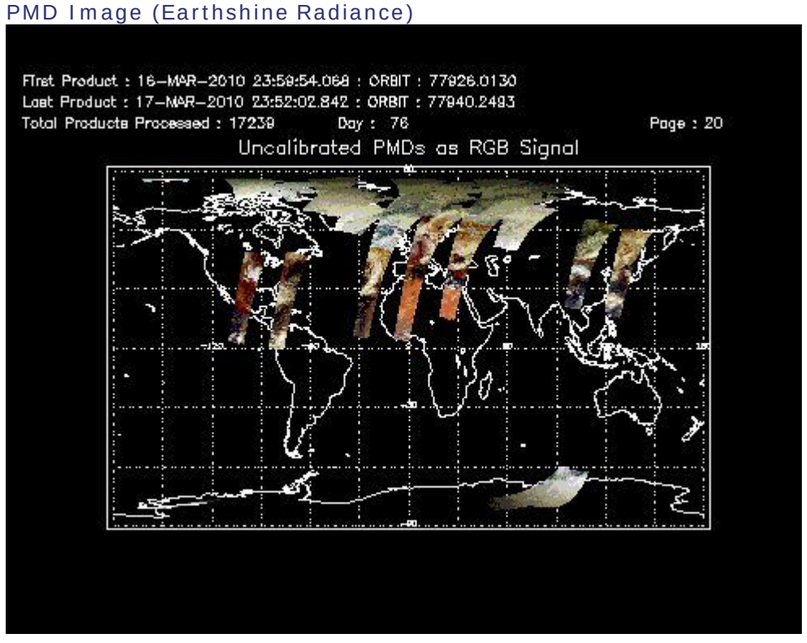
NEAR IR Intensity



Ozone Line Ratio



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	5:27:16.253	--	77935	Yes	--	15430

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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(1)

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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
07:00 10-Mar	--	77830	--

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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