GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	30-NOV-2009
Start Time of First Product	00:19:50
Stop Time of Last Product	23;15;40
Number of EGOI Products analysed	37
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
OI_091130BEEP1296.E2;1	30-NOV-2009	03:15:37.452
EGOI_091130CMEP5329.E2	30-NOV-2009	15:08:52.364
EGOI_091130CMEP5336.E2	30-NOV-2009	16:45:52.963
EGOI_091130GSEP4128.E2	30-NOV-2009	01:12:05.193
EGOI_091130GSEP4160.E2	30-NOV-2009	02:48:53.788
EGOI_091130GSEP4188.E2	30-NOV-2009	04:30:33.415
EGOI_091130GSEP4195.E2	30-NOV-2009	06:12:49.052
EGOI_091130HLEP4308.E2	30-NOV-2009	00:19:49.868
EGOI_091130HLEP4317.E2	30-NOV-2009	02:02:59.506

EGOI_091130HLEP4326.E2	30-NOV-2009	14:10:23.503
EGOI_091130HLEP4335.E2	30-NOV-2009	22:12:38.479
EGOI_091130KSEP2978.E2	30-NOV-2009	06:30:34.138
EGOI_091130KSEP3008.E2	30-NOV-2009	08:10:30.277
EGOI_091130KSEP3031.E2	30-NOV-2009	09:50:09.894
EGOI_091130KSEP3057.E2	30-NOV-2009	11:29:46.514
EGOI_091130KSEP3083.E2	30-NOV-2009	13:08:51.622
EGOI_091130KSEP3097.E2	30-NOV-2009	14:47:38.734
EGOI_091130KSEP3116.E2	30-NOV-2009	16:25:18.333
EGOI_091130KSEP3147.E2	30-NOV-2009	18:03:23.442
EGOI_091130KSEP3183.E2	30-NOV-2009	19:41:27.046
EGOI_091130KSEP3215.E2	30-NOV-2009	21:21:54.670
EGOI_091130KSEP3243.E2	30-NOV-2009	23:04:40.304
EGOI_091130MAEP6388.E2	30-NOV-2009	09:57:36.937
EGOI_091130MAEP6413.E2	30-NOV-2009	21:14:15.623
EGOI_091130MIEP5962.E2	30-NOV-2009	02:45:17.768
EGOI_091130MIEP5990.E2	30-NOV-2009	04:24:42.379
EGOI_091130MIEP6016.E2	30-NOV-2009	15:05:25.340
EGOI_091130MIEP6045.E2	30-NOV-2009	16:44:21.455
EGOI_091130MSEP6025.E2	30-NOV-2009	10:05:42.992
EGOI_091130MSEP6050.E2	30-NOV-2009	11:42:54.093
EGOI_091130MSEP6073.E2	30-NOV-2009	13:24:03.717
EGOI_091130MSEP6090.E2	30-NOV-2009	21:17:05.138
EGOI_091130MSEP6123.E2	30-NOV-2009	22:51:28.222
EGOI_091130SGEP1713.E2	30-NOV-2009	03:27:25.527
EGOI_091130SGEP1721.E2	30-NOV-2009	05:09:00.653
EGOI_091130SGEP1727.E2	30-NOV-2009	14:23:28.085
EGOI_091130SGEP1735.E2	30-NOV-2009	16:01:49.689

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	76398	30-NOV-2009	06:28:52.675	06:30:34.137	101.46200
KS	76399	30-NOV-2009	08:08:04.612	08:10:30.276	145.66400
KS	76400	30-NOV-2009	09:47:41.714	09:50:09.894	148.18000
KS	76401	30-NOV-2009	11:27:14.275	11:29:46.513	152.23800
KS	76402	30-NOV-2009	13:06:24.643	13:08:51.621	146.97800
KS	76403	30-NOV-2009	14:45:06.039	14:47:38.733	152.69400
KS	76404	30-NOV-2009	16:22:46.000	16:25:18.333	152.33300
KS	76405	30-NOV-2009	18:00:34.579	18:03:23.441	168.86200
KS	76406	30-NOV-2009	19:39:22.648	19:41:27.045	124.39700
KS	76407	30-NOV-2009	21:19:55.494	21:21:54.669	119.17500

KS	76408	30-NOV-2009	23:02:52.821	23:04:40.303	107.48200
GS	76395	30-NOV-2009	01:10:07.706	01:12:05.193	117.48700
GS	76396	30-NOV-2009	02:47:03.040	02:48:53.787	110.74700
GS	76397	30-NOV-2009	04:28:44.153	04:30:33.414	109.26100
MS	76401	30-NOV-2009	11:40:10.126	11:42:54.093	163.96700
MS	76402	30-NOV-2009	13:21:33.756	13:24:03.716	149.96000
MS	76408	30-NOV-2009	22:49:29.173	22:51:28.222	119.04900
MA	76400	30-NOV-2009	09:55:44.062	09:57:36.936	112.87400
MA	76407	30-NOV-2009	21:11:40.299	21:14:15.622	155.32300
MI	76396	30-NOV-2009	02:42:56.426	02:45:17.768	141.34200
MI	76397	30-NOV-2009	04:22:26.558	04:24:42.379	135.82100
MI	76403	30-NOV-2009	15:03:10.535	15:05:25.340	134.80500
MI	76404	30-NOV-2009	16:42:00.858	16:44:21.455	140.59700
BE	76396	30-NOV-2009	03:13:04.811	03:15:37.452	152.64100
SG	76396	30-NOV-2009	03:24:04.567	03:27:25.527	200.96000
SG	76402	30-NOV-2009	14:21:19.023	14:23:28.084	129.06100
SG	76403	30-NOV-2009	15:59:08.748	16:01:49.689	160.94100
CM	76404	30-NOV-2009	16:44:31.344	16:45:52.962	81.618000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	76394	30-NOV-2009	00:26:23.454	00:37:28.819	665.36500
MM	76395	30-NOV-2009	02:08:43.051	02:17:46.840	543.78900
MM	76396	30-NOV-2009	03:51:46.049	03:58:30.396	404.34700
CM	76396	30-NOV-2009	02:44:32.020	02:51:09.981	397.96100
CM	76396	30-NOV-2009	04:20:32.658	04:32:48.591	735.93300
BE	76397	30-NOV-2009	04:54:04.274	05:02:21.705	497.43100
MM	76397	30-NOV-2009	05:34:26.677	05:40:15.065	348.38800
MM	76398	30-NOV-2009	07:15:48.179	07:23:11.650	443.47100
JO	76398	30-NOV-2009	06:55:33.910	07:07:10.520	696.61000
MM	76399	30-NOV-2009	08:56:21.551	09:06:06.025	584.47400
MA	76399	30-NOV-2009	08:17:23.183	08:28:16.339	653.15600
JO	76399	30-NOV-2009	08:32:45.774	08:47:38.958	893.18400
MM	76400	30-NOV-2009	10:36:34.568	10:48:06.982	692.41400
MM	76401	30-NOV-2009	12:16:33.929	12:29:03.200	749.27100

MA	76401	30-NOV-2009	11:37:06.349	11:44:17.139	430.79000
MM	76402	30-NOV-2009	13:56:19.165	14:09:03.099	763.93400
BE	76403	30-NOV-2009	14:29:49.001	14:43:02.856	793.85500
MM	76403	30-NOV-2009	15:35:48.417	15:48:25.584	757.16700
GS	76403	30-NOV-2009	14:56:46.008	15:09:28.271	762.26300
MM	76404	30-NOV-2009	17:15:02.437	17:27:33.972	751.53500
GS	76404	30-NOV-2009	16:35:56.094	16:49:25.265	809.17100
MM	76405	30-NOV-2009	18:54:10.574	19:06:47.732	757.15800
GS	76405	30-NOV-2009	18:16:57.031	18:24:37.769	460.73800
JO	76405	30-NOV-2009	19:15:40.488	19:25:29.040	588.55200
MM	76406	30-NOV-2009	20:33:32.465	20:46:16.467	764.00200
MA	76406	30-NOV-2009	19:33:20.531	19:45:07.507	706.97600
JO	76406	30-NOV-2009	20:52:45.117	21:07:45.237	900.12000
MM	76407	30-NOV-2009	22:13:31.656	22:26:01.439	749.78300
JO	76407	30-NOV-2009	22:34:29.854	22:43:00.450	510.59600
HO	76408	30-NOV-2009	23:43:52.512	23:58:16.070	863.55800
MM	76408	30-NOV-2009	23:54:26.978	00:06:00.622	693.64400

[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

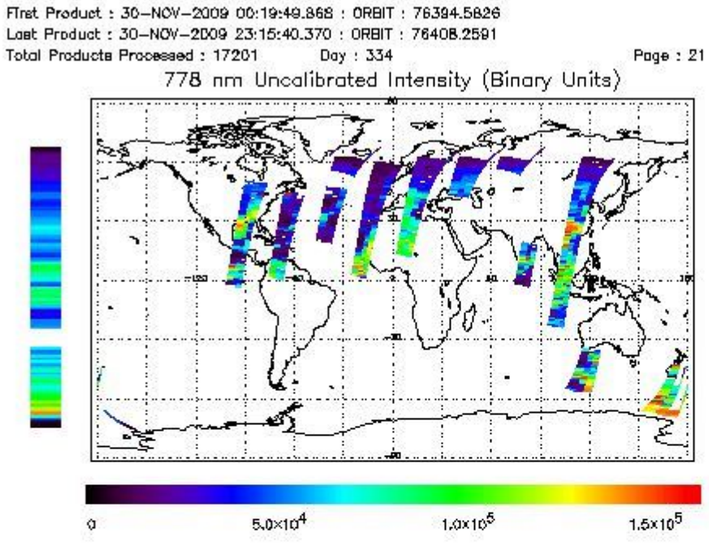
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	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

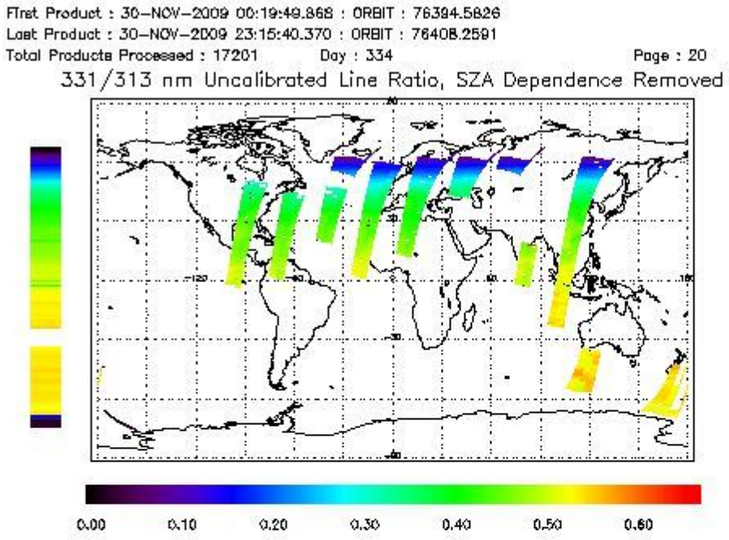
2.2 - Daily Plots

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

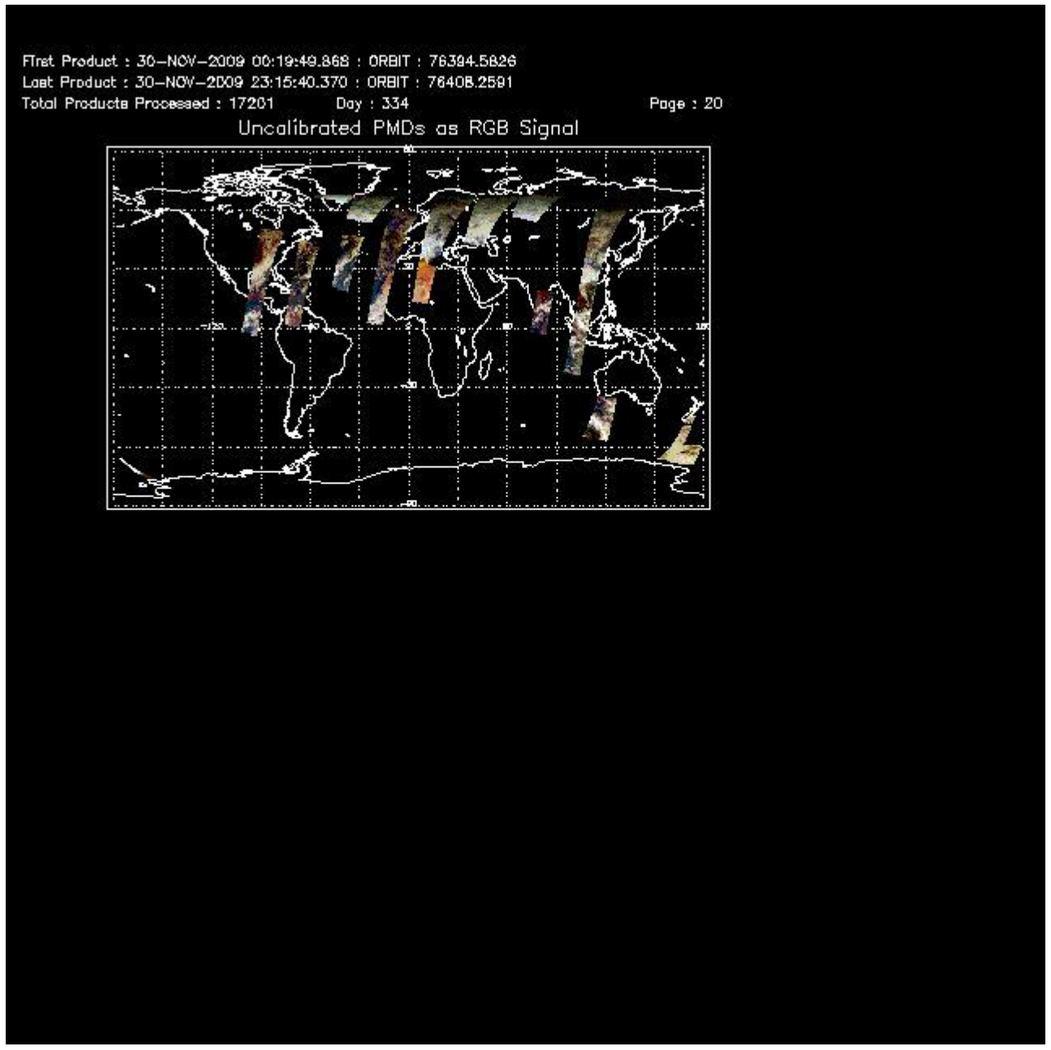
NEAR IR Intensity



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	11:35:34.549	--	76401	Yes	--	15757

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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[BACK TO MENU]

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
--	--	--

5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

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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[BACK TO MENU]

(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