GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	13-NOV-2010
Start Time of First Product	23:50:24 (12-Nov)
Stop Time of Last Product	23:31:31
Number of EGOI Products analysed	40
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_101113CMEP1662.E2	13-NOV-2010	03:45:13.241
EGOI_101113CMEP1672.E2	13-NOV-2010	05:26:46.859
EGOI_101113CMEP1679.E2	13-NOV-2010	16:09:13.270
EGOI_101113CMEP1687.E2	13-NOV-2010	17:50:07.889
EGOI_101113KSEP9685.E2	13-NOV-2010	07:33:07.122
EGOI_101113KSEP9704.E2	13-NOV-2010	09:13:10.730
EGOI_101113KSEP9725.E2	13-NOV-2010	10:52:48.834
EGOI_101113KSEP9749.E2	13-NOV-2010	12:32:08.941
EGOI_101113KSEP9759.E2	13-NOV-2010	14:11:05.048

EGOI_101113KSEP9785.E2	13-NOV-2010	15:48:58.145
EGOI_101113KSEP9814.E2	13-NOV-2010	17:26:52.744
EGOI_101113KSEP9846.E2	13-NOV-2010	19:04:41.345
EGOI_101113KSEP9877.E2	13-NOV-2010	20:44:19.457
EGOI_101113KSEP9902.E2	13-NOV-2010	22:26:17.084
EGOI_101113MAEP9608.E2	13-NOV-2010	09:20:24.273
EGOI_101113MAEP9612.E2	13-NOV-2010	09:20:24.273
EGOI_101113MAEP9620.E2	13-NOV-2010	11:00:24.884
EGOI_101113MAEP9624.E2	13-NOV-2010	09:20:52.774
EGOI_101113MAEP9640.E2	13-NOV-2010	22:18:15.537
EGOI_101113MMEP8572.E2	12-NOV-2010	23:50:23.834
EGOI_101113MMEP8580.E2	13-NOV-2010	01:31:58.942
EGOI_101113MMEP8587.E2	13-NOV-2010	03:14:32.560
EGOI_101113MMEP8595.E2	13-NOV-2010	04:57:12.179
EGOI_101113MMEP8602.E2	13-NOV-2010	06:39:12.793
EGOI_101113MMEP8612.E2	13-NOV-2010	08:20:35.913
EGOI_101113MMEP8618.E2	13-NOV-2010	10:00:54.516
EGOI_101113MMEP8627.E2	13-NOV-2010	13:20:51.239
EGOI_101113MMEP8636.E2	13-NOV-2010	15:00:17.346
EGOI_101113MMEP8642.E2	13-NOV-2010	16:40:07.462
EGOI_101113MMEP8649.E2	13-NOV-2010	18:20:03.574
EGOI_101113MMEP8657.E2	13-NOV-2010	19:58:40.174
EGOI_101113MMEP8665.E2	13-NOV-2010	21:38:55.798
EGOI_101113MMEP8671.E2	13-NOV-2010	23:18:29.411
EGOI_101113MSEP6323.E2	13-NOV-2010	00:26:49.550
EGOI_101113MSEP6348.E2	13-NOV-2010	11:06:00.916
EGOI_101113MSEP6375.E2	13-NOV-2010	12:45:45.027
EGOI_101113MSEP6402.E2	13-NOV-2010	22:15:23.017
EGOI_101113SGEP9358.E2	13-NOV-2010	02:49:50.412
EGOI_101113SGEP9366.E2	13-NOV-2010	04:29:36.011
EGOI_101113SGEP9373.E2	13-NOV-2010	17:09:22.642

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81380	13-NOV-2010	07:31:07.814	07:33:07.122	119.30800
KS	81381	13-NOV-2010	09:10:41.218	09:13:10.729	149.51100
KS	81382	13-NOV-2010	10:50:17.507	10:52:48.834	151.32700
KS	81383	13-NOV-2010	12:29:38.334	12:32:08.940	150.60600
KS	81384	13-NOV-2010	14:08:31.235	14:11:05.048	153.81300
KS	81385	13-NOV-2010	15:46:25.766	15:48:58.144	152.37800
KS	81386	13-NOV-2010	17:24:18.517	17:26:52.744	154.22700
KS	81387	13-NOV-2010	19:02:30.154	19:04:41.344	131.19000

KS	81388	13-NOV-2010	20:42:20.352	20:44:19.457	119.10500
KS	81389	13-NOV-2010	22:24:17.861	22:26:17.083	119.22200
MS	81376	13-NOV-2010	00:24:58.335	00:26:49.550	111.21500
MS	81382	13-NOV-2010	11:03:28.052	11:06:00.915	152.86300
MS	81383	13-NOV-2010	12:43:10.567	12:45:45.027	154.46000
MS	81389	13-NOV-2010	22:13:29.082	22:15:23.016	113.93400
MS	81390	13-NOV-2010	23:52:23.175	23:54:43.129	139.95400
MA	81381	13-NOV-2010	09:19:00.980	09:20:24.273	83.293000
MA	81381	13-NOV-2010	09:19:00.980	09:20:24.273	83.293000
MA	81382	13-NOV-2010	10:58:49.005	11:00:24.884	95.879000
MA	81381	13-NOV-2010	09:19:00.980	09:20:52.774	111.79400
MM	81375	12-NOV-2010	23:48:39.233	23:50:23.833	104.60000
MM	81376	13-NOV-2010	01:30:35.681	01:31:58.942	83.261000
MM	81377	13-NOV-2010	03:13:27.493	03:14:32.560	65.067000
MM	81380	13-NOV-2010	08:19:03.788	08:20:35.912	92.124000
MM	81381	13-NOV-2010	09:59:22.863	10:00:54.515	91.652000
MM	81383	13-NOV-2010	13:19:17.845	13:20:51.239	93.394000
MM	81384	13-NOV-2010	14:58:53.219	15:00:17.346	84.127000
MM	81385	13-NOV-2010	16:38:12.366	16:40:07.462	115.09600
MM	81386	13-NOV-2010	18:17:20.905	18:20:03.574	162.66900
MM	81387	13-NOV-2010	19:56:34.922	19:58:40.173	125.25100
MM	81388	13-NOV-2010	21:36:17.673	21:38:55.797	158.12400
MM	81389	13-NOV-2010	23:16:50.465	23:18:29.410	98.945000
SG	81377	13-NOV-2010	02:47:47.172	02:49:50.411	123.23900
SG	81378	13-NOV-2010	04:27:34.920	04:29:36.011	121.09100
CM	81377	13-NOV-2010	03:43:47.134	03:45:13.241	86.107000
CM	81379	13-NOV-2010	05:25:39.732	05:26:46.859	67.127000
CM	81385	13-NOV-2010	16:07:41.544	16:09:13.270	91.726000
CM	81386	13-NOV-2010	17:49:02.212	17:50:07.889	65.677000

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81376	13-NOV-2010	01:18:39.509	01:31:19.392	759.88300
GS	81376	13-NOV-2010	00:35:33.462	00:42:46.615	433.15300
BE	81377	13-NOV-2010	02:36:14.398	02:49:24.769	790.37100

MI	81377	13-NOV-2010	02:07:55.233	02:17:04.504	549.27100
GS	81377	13-NOV-2010	02:10:39.723	02:23:54.888	795.16500
CM	81377	13-NOV-2010	03:43:47.134	03:55:54.807	727.67300
BE	81378	13-NOV-2010	04:16:09.712	04:27:29.568	679.85600
MI	81378	13-NOV-2010	03:44:41.310	03:57:55.977	794.66700
GS	81378	13-NOV-2010	03:50:17.159	04:03:09.448	772.28900
KS	81379	13-NOV-2010	05:52:41.828	05:56:43.247	241.41900
JO	81379	13-NOV-2010	06:22:01.995	06:28:01.965	359.97000
JO	81380	13-NOV-2010	07:55:55.596	08:10:46.585	890.98900
JO	81381	13-NOV-2010	09:37:12.120	09:48:35.834	683.71400
MM	81382	13-NOV-2010	11:39:27.155	11:51:41.054	733.89900
HO	81384	13-NOV-2010	15:08:50.650	15:17:23.737	513.08700
MI	81384	13-NOV-2010	14:28:29.538	14:35:04.082	394.54400
GS	81384	13-NOV-2010	14:20:37.973	14:30:54.263	616.29000
SG	81384	13-NOV-2010	15:21:58.721	15:35:51.290	832.56900
BE	81385	13-NOV-2010	15:34:18.816	15:44:23.440	604.62400
MI	81385	13-NOV-2010	16:04:46.283	16:18:08.161	801.87800
GS	81385	13-NOV-2010	15:58:53.798	16:12:49.831	836.03300
MI	81386	13-NOV-2010	17:47:23.318	17:52:32.379	309.06100
GS	81386	13-NOV-2010	17:39:06.798	17:49:56.267	649.46900
MA	81387	13-NOV-2010	19:00:51.430	19:05:59.762	308.33200
JO	81387	13-NOV-2010	20:16:02.667	20:30:39.249	876.58200
MA	81388	13-NOV-2010	20:34:25.645	20:48:06.172	820.52700
JO	81388	13-NOV-2010	21:56:01.261	22:08:39.125	757.86400
HO	81389	13-NOV-2010	23:07:28.546	23:21:12.868	824.32200

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

---

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

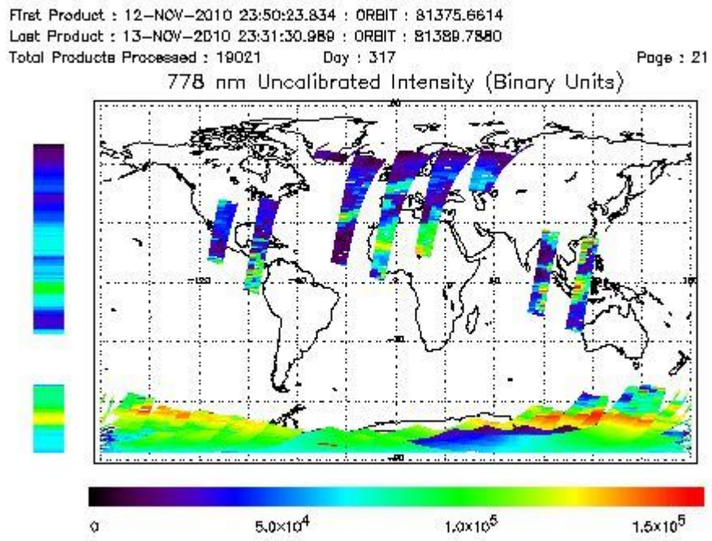
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK

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

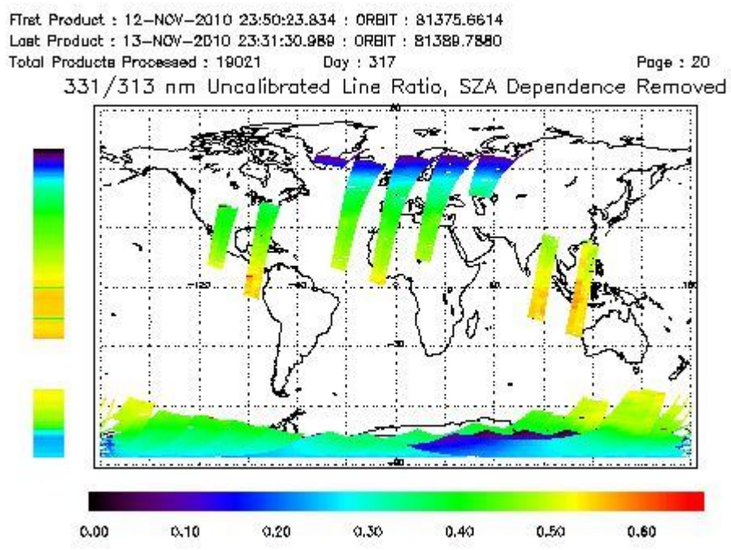
2.2 - Daily Plots

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

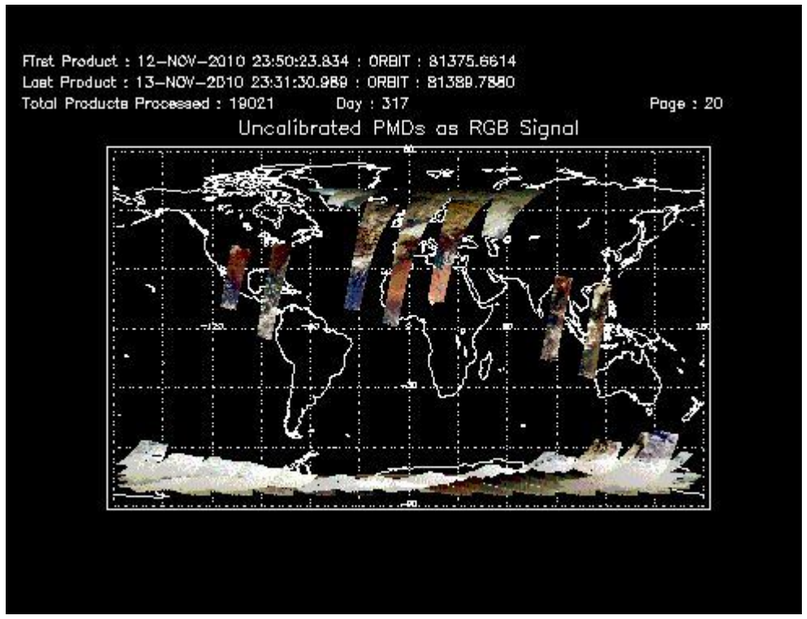
NEAR IR Intensity



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	12:37:461	--	81383	Yes	--	15540

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)
--	--	--	--	--	--	--	--

(1)

[BACK TO MENU]

4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

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

4.2 - Instrument Off

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

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
--	--	--	--	--	--	--	--	--

[BACK TO MENU]

5 - Instrument Operations

Additional Info

5.1 - Timeline Interruptions

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

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
--	--	--	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--

[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