GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	19-JAN-2010
Start Time of First Product	23:51:32
Stop Time of Last Product	23:43:56
Number of EGOI Products analysed	29
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100119BEEP1702.E2	19-JAN-2010	02:05:08.603
EGOI_100119BEEP1710.E2	19-JAN-2010	03:44:10.714
EGOI_100119GSEP7706.E2	19-JAN-2010	01:39:14.443
EGOI_100119GSEP7735.E2	19-JAN-2010	03:17:43.553
EGOI_100119GSEP7745.E2	19-JAN-2010	05:00:08.184
EGOI_100119KSEP7205.E2	19-JAN-2010	06:58:50.916
EGOI_100119KSEP7227.E2	19-JAN-2010	08:38:50.036
EGOI_100119KSEP7251.E2	19-JAN-2010	10:18:29.653
EGOI_100119KSEP7260.E2	19-JAN-2010	11:58:00.264

EGOI_100119KSEP7278.E2	19-JAN-2010	13:36:57.877
EGOI_100119KSEP7307.E2	19-JAN-2010	15:15:37.484
EGOI_100119KSEP7339.E2	19-JAN-2010	16:53:05.093
EGOI_100119KSEP7374.E2	19-JAN-2010	18:30:58.193
EGOI_100119KSEP7410.E2	19-JAN-2010	20:09:48.302
EGOI_100119KSEP7441.E2	19-JAN-2010	21:50:53.425
EGOI_100119KSEP7467.E2	19-JAN-2010	23:34:21.070
EGOI_100119MAEP8008.E2	19-JAN-2010	08:46:20.079
EGOI_100119MAEP8020.E2	19-JAN-2010	10:25:58.200
EGOI_100119MIEP0696.E2	19-JAN-2010	03:12:55.526
EGOI_100119MIEP0720.E2	19-JAN-2010	04:54:33.649
EGOI_100119MIEP0741.E2	19-JAN-2010	15:33:07.594
EGOI_100119MIEP0767.E2	19-JAN-2010	17:13:21.714
EGOI_100119MSEP1911.E2	18-JAN-2010	23:51:31.779
EGOI_100119MSEP1934.E2	19-JAN-2010	10:32:49.243
EGOI_100119MSEP1963.E2	19-JAN-2010	12:11:03.346
EGOI_100119MSEP1990.E2	19-JAN-2010	21:43:00.878
EGOI_100119MSEP2022.E2	19-JAN-2010	23:19:52.480
EGOI_100119SGEP3050.E2	19-JAN-2010	02:18:29.689
EGOI_100119SGEP3057.E2	19-JAN-2010	04:01:45.324

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77114	19-JAN-2010	06:57:06.401	06:58:50.916	104.51500
KS	77115	19-JAN-2010	08:36:31.720	08:38:50.036	138.31600
KS	77116	19-JAN-2010	10:16:09.375	10:18:29.652	140.27700
KS	77117	19-JAN-2010	11:55:37.482	11:58:00.264	142.78200
KS	77118	19-JAN-2010	13:34:37.911	13:36:57.877	139.96600
KS	77119	19-JAN-2010	15:12:59.914	15:15:37.483	157.56900
KS	77120	19-JAN-2010	16:50:36.957	16:53:05.092	148.13500
KS	77121	19-JAN-2010	18:28:38.848	18:30:58.192	139.34400
KS	77122	19-JAN-2010	20:07:54.184	20:09:48.301	114.11700
KS	77123	19-JAN-2010	21:49:03.397	21:50:53.425	110.02800
KS	77124	19-JAN-2010	23:32:55.203	23:34:21.070	85.867000
GS	77111	19-JAN-2010	01:37:20.529	01:39:14.443	113.91400
GS	77112	19-JAN-2010	03:15:33.457	03:17:43.552	130.09500
MS	77110	18-JAN-2010	23:49:28.186	23:51:31.779	123.59300
MS	77116	19-JAN-2010	10:30:22.545	10:32:49.242	146.69700
MS	77117	19-JAN-2010	12:08:38.371	12:11:03.345	144.97400

MS	77124	19-JAN-2010	23:17:46.112	23:19:52.479	126.36700
MA	77116	19-JAN-2010	10:24:11.881	10:25:58.199	106.31800
MI	77112	19-JAN-2010	03:10:41.159	03:12:55.525	134.36600
MI	77113	19-JAN-2010	04:52:27.529	04:54:33.648	126.11900
MI	77119	19-JAN-2010	15:30:54.863	15:33:07.594	132.73100
MI	77120	19-JAN-2010	17:11:08.524	17:13:21.713	133.18900
BE	77111	19-JAN-2010	02:02:35.519	02:05:08.603	153.08400
BE	77112	19-JAN-2010	03:41:38.071	03:44:10.714	152.64300
SG	77111	19-JAN-2010	02:15:24.255	02:18:29.689	185.43400
SG	77112	19-JAN-2010	03:52:35.741	04:01:45.324	549.58300

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	77110	19-JAN-2010	00:43:42.225	00:57:48.117	845.89200
MM	77110	19-JAN-2010	00:55:31.354	01:06:06.558	635.20400
KS	77110	19-JAN-2010	00:06:32.955	00:11:21.466	288.51100
MM	77111	19-JAN-2010	02:38:07.093	02:46:30.007	502.91400
MM	77112	19-JAN-2010	04:21:12.490	04:27:26.171	373.68100
CM	77112	19-JAN-2010	03:10:49.351	03:21:07.357	618.00600
CM	77112	19-JAN-2010	04:49:32.420	05:00:37.132	664.71200
MM	77113	19-JAN-2010	06:03:31.976	06:09:34.946	362.97000
MM	77114	19-JAN-2010	07:44:35.107	07:52:39.254	484.14700
JO	77114	19-JAN-2010	07:22:38.811	07:36:18.343	819.53200
MM	77115	19-JAN-2010	09:25:01.105	09:35:21.341	620.23600
JO	77115	19-JAN-2010	09:01:39.754	09:15:38.795	839.04100
MM	77116	19-JAN-2010	11:05:10.028	11:17:03.827	713.79900
MM	77117	19-JAN-2010	12:45:05.517	12:57:42.522	757.00500
HO	77118	19-JAN-2010	14:33:55.631	14:45:36.025	700.39400
MM	77118	19-JAN-2010	14:24:46.362	14:37:29.484	763.12200
SG	77118	19-JAN-2010	14:48:28.301	15:01:24.463	776.16200
BE	77119	19-JAN-2010	14:58:46.462	15:11:09.040	742.57800
MM	77119	19-JAN-2010	16:04:10.921	16:16:45.558	754.63700
GS	77119	19-JAN-2010	15:24:54.198	15:38:30.880	816.68200
SG	77119	19-JAN-2010	16:28:26.543	16:39:39.011	672.46800
CM	77119	19-JAN-2010	15:34:29.264	15:44:53.768	624.50400

MM	77120	19-JAN-2010	17:43:21.822	17:55:53.885	752.06300
GS	77120	19-JAN-2010	17:04:33.905	17:17:09.634	755.72900
CM	77120	19-JAN-2010	17:13:23.631	17:24:21.541	657.91000
MM	77121	19-JAN-2010	19:22:31.518	19:35:11.379	759.86100
JO	77121	19-JAN-2010	19:42:42.852	19:55:36.291	773.43900
MM	77122	19-JAN-2010	21:02:01.752	21:14:44.878	763.12600
MA	77122	19-JAN-2010	20:00:52.235	20:14:14.278	802.04300
JO	77122	19-JAN-2010	21:21:19.263	21:35:45.002	865.73900
HO	77123	19-JAN-2010	22:34:19.078	22:46:50.968	751.89000
MM	77123	19-JAN-2010	22:42:15.395	22:54:34.120	738.72500
MA	77123	19-JAN-2010	21:40:35.865	21:53:13.993	758.12800

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

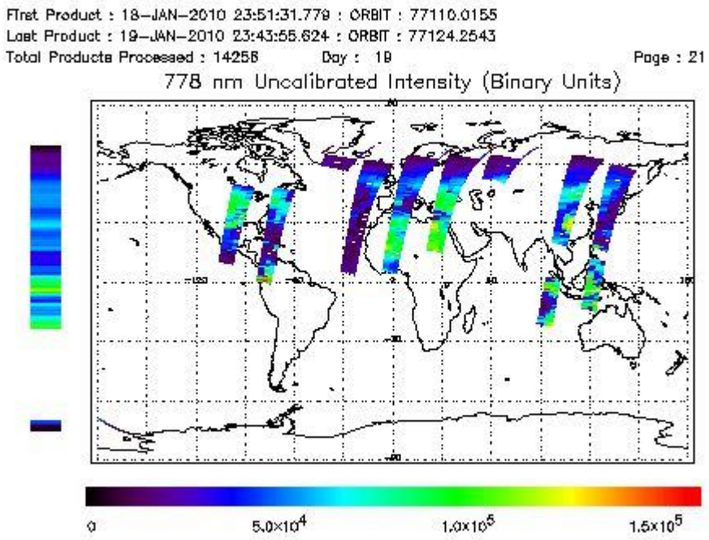
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

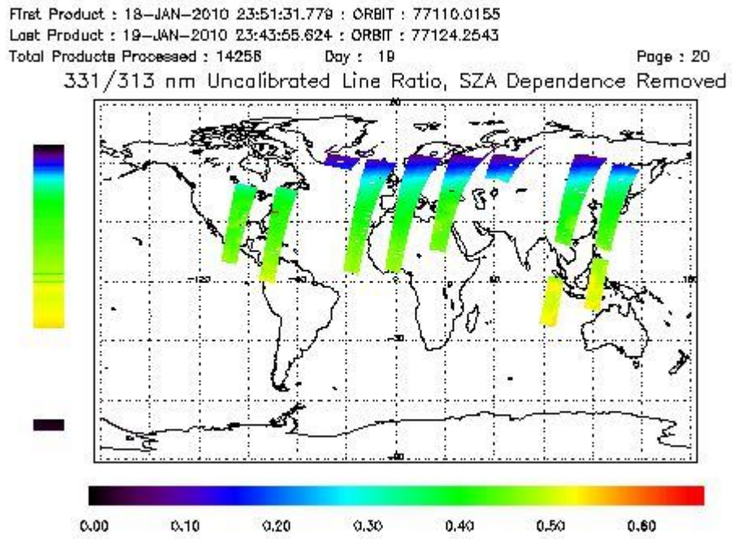
2.2 - Daily Plots

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

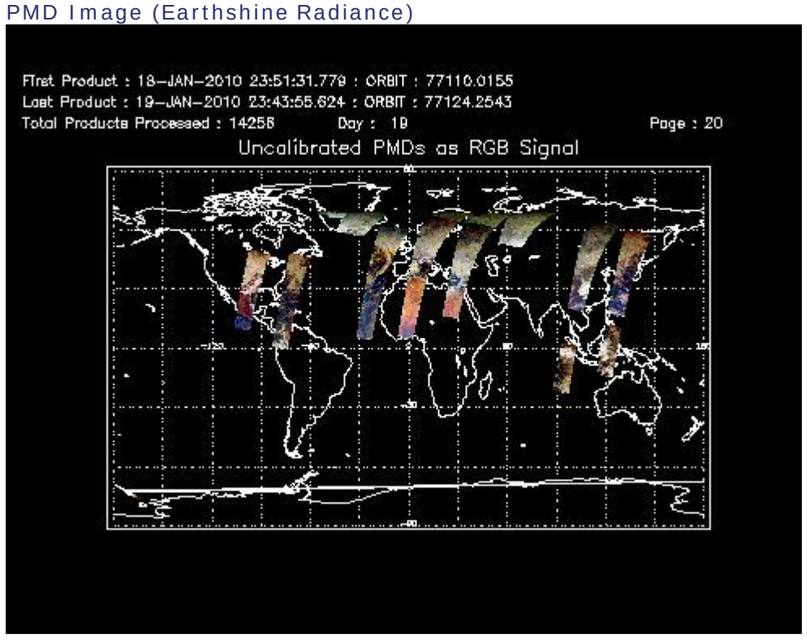
NEAR IR Intensity



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	12:03:46.799	--	77117	Yes	--	15297

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