GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	24-MAY-2010
Start Time of First Product	00:26:56
Stop Time of Last Product	23:14:44
Number of EGOI Products analysed	37
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath activated on 21-MAY-2010 continued

1.2 - List of received products

Name	Date	Time
EGOI_100524BEEP2831.E2	24-MAY-2010	03:14:41.937
EGOI_100524GSEP7017.E2	24-MAY-2010	01:11:14.183
EGOI_100524GSEP7049.E2	24-MAY-2010	02:47:59.773
EGOI_100524GSEP7077.E2	24-MAY-2010	04:29:43.894
EGOI_100524GSEP7084.E2	24-MAY-2010	06:12:02.524
EGOI_100524KSEP8401.E2	24-MAY-2010	06:29:38.624
EGOI_100524KSEP8429.E2	24-MAY-2010	08:09:33.242
EGOI_100524KSEP8449.E2	24-MAY-2010	09:49:12.853
EGOI_100524KSEP8471.E2	24-MAY-2010	11:28:50.959

EGOI_100524KSEP8500.E2	24-MAY-2010	13:07:56.061
EGOI_100524KSEP8511.E2	24-MAY-2010	14:46:41.665
EGOI_100524KSEP8538.E2	24-MAY-2010	16:24:21.263
EGOI_100524KSEP8568.E2	24-MAY-2010	18:02:27.863
EGOI_100524KSEP8599.E2	24-MAY-2010	19:40:34.156
EGOI_100524KSEP8621.E2	24-MAY-2010	21:21:00.274
EGOI_100524KSEP8645.E2	24-MAY-2010	23:03:47.397
EGOI_100524MAEP2566.E2	24-MAY-2010	09:56:41.396
EGOI_100524MAEP2582.E2	24-MAY-2010	21:13:19.723
EGOI_100524MIEP3608.E2	24-MAY-2010	02:44:19.253
EGOI_100524MIEP3636.E2	24-MAY-2010	04:23:49.859
EGOI_100524MIEP3662.E2	24-MAY-2010	15:04:35.778
EGOI_100524MIEP3691.E2	24-MAY-2010	16:43:25.876
EGOI_100524MMEP8870.E2	24-MAY-2010	00:26:55.913
EGOI_100524MMEP8877.E2	24-MAY-2010	02:09:01.034
EGOI_100524MMEP8883.E2	24-MAY-2010	03:51:51.167
EGOI_100524MMEP8889.E2	24-MAY-2010	05:34:12.788
EGOI_100524MMEP8899.E2	24-MAY-2010	07:15:53.905
EGOI_100524MMEP8907.E2	24-MAY-2010	08:56:45.526
EGOI_100524MMEP8915.E2	24-MAY-2010	10:37:10.146
EGOI_100524MMEP8921.E2	24-MAY-2010	12:17:10.757
EGOI_100524MSEP6534.E2	24-MAY-2010	10:04:47.447
EGOI_100524MSEP6554.E2	24-MAY-2010	11:41:49.538
EGOI_100524MSEP6575.E2	24-MAY-2010	13:23:08.161
EGOI_100524MSEP6589.E2	24-MAY-2010	21:16:06.239
EGOI_100524MSEP6616.E2	24-MAY-2010	22:50:21.819
EGOI_100524SGEP5866.E2	24-MAY-2010	03:26:31.507
EGOI_100524SGEP5874.E2	24-MAY-2010	14:22:34.020

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78904	24-MAY-2010	08:08:04.613	08:09:33.242	88.629000
KS	78905	24-MAY-2010	09:47:41.715	09:49:12.853	91.138000
KS	78906	24-MAY-2010	11:27:14.276	11:28:50.958	96.682000
KS	78907	24-MAY-2010	13:06:24.644	13:07:56.061	91.417000
KS	78908	24-MAY-2010	14:45:06.040	14:46:41.664	95.624000
KS	78909	24-MAY-2010	16:22:46.000	16:24:21.262	95.262000
KS	78910	24-MAY-2010	18:00:34.579	18:02:27.862	113.28300
KS	78911	24-MAY-2010	19:39:22.649	19:40:34.156	71.507000
KS	78912	24-MAY-2010	21:19:55.495	21:21:00.273	64.778000
GS	78900	24-MAY-2010	01:10:07.707	01:11:14.182	66.475000

MS	78906	24-MAY-2010	11:40:10.127	11:41:49.537	99.410000
MS	78907	24-MAY-2010	13:21:33.757	13:23:08.160	94.403000
MA	78912	24-MAY-2010	21:11:40.300	21:13:19.722	99.422000
MI	78901	24-MAY-2010	02:42:56.427	02:44:19.253	82.826000
MI	78902	24-MAY-2010	04:22:26.558	04:23:49.859	83.301000
MI	78908	24-MAY-2010	15:03:10.536	15:04:35.777	85.241000
MI	78909	24-MAY-2010	16:42:00.858	16:43:25.876	85.018000
BE	78901	24-MAY-2010	03:13:04.812	03:14:41.936	97.124000
SG	78901	24-MAY-2010	03:24:04.568	03:26:31.507	146.93900
SG	78907	24-MAY-2010	14:21:19.024	14:22:34.020	74.996000
SG	78907	24-MAY-2010	14:24:38.531	14:31:59.529	440.99800

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78899	24-MAY-2010	00:14:53.351	00:29:31.588	878.23700
HO	78900	24-MAY-2010	01:58:12.896	02:06:52.471	519.57500
CM	78901	24-MAY-2010	02:44:32.021	02:51:09.982	397.96100
CM	78901	24-MAY-2010	04:20:32.659	04:32:48.592	735.93300
BE	78902	24-MAY-2010	04:54:04.274	05:02:21.705	497.43100
JO	78903	24-MAY-2010	06:55:33.910	07:07:10.520	696.61000
MA	78904	24-MAY-2010	08:17:23.184	08:28:16.340	653.15600
JO	78904	24-MAY-2010	08:32:45.775	08:47:38.959	893.18400
MA	78906	24-MAY-2010	11:37:06.350	11:44:17.140	430.79000
MM	78907	24-MAY-2010	13:56:19.166	14:09:03.100	763.93400
BE	78908	24-MAY-2010	14:29:49.002	14:43:02.857	793.85500
MM	78908	24-MAY-2010	15:35:48.418	15:48:25.585	757.16700
GS	78908	24-MAY-2010	14:56:46.009	15:09:28.272	762.26300
SG	78908	24-MAY-2010	15:59:08.749	16:12:19.651	790.90200
CM	78908	24-MAY-2010	15:07:58.830	15:14:27.536	388.70600
MM	78909	24-MAY-2010	17:15:02.437	17:27:33.972	751.53500
GS	78909	24-MAY-2010	16:35:56.094	16:49:25.265	809.17100
CM	78909	24-MAY-2010	16:44:31.344	16:56:43.900	732.55600
MM	78910	24-MAY-2010	18:54:10.574	19:06:47.732	757.15800
GS	78910	24-MAY-2010	18:16:57.031	18:24:37.769	460.73800
JO	78910	24-MAY-2010	19:15:40.488	19:25:29.040	588.55200

MM	78911	24-MAY-2010	20:33:32.466	20:46:16.468	764.00200
MA	78911	24-MAY-2010	19:33:20.532	19:45:07.508	706.97600
JO	78911	24-MAY-2010	20:52:45.118	21:07:45.238	900.12000
HO	78912	24-MAY-2010	22:07:17.691	22:18:02.331	644.64000
MM	78912	24-MAY-2010	22:13:31.657	22:26:01.440	749.78300
JO	78912	24-MAY-2010	22:34:29.855	22:43:00.451	510.59600
HO	78913	24-MAY-2010	23:43:52.513	23:58:16.071	863.55800
MM	78913	24-MAY-2010	23:54:26.979	00:06:00.623	693.64400

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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

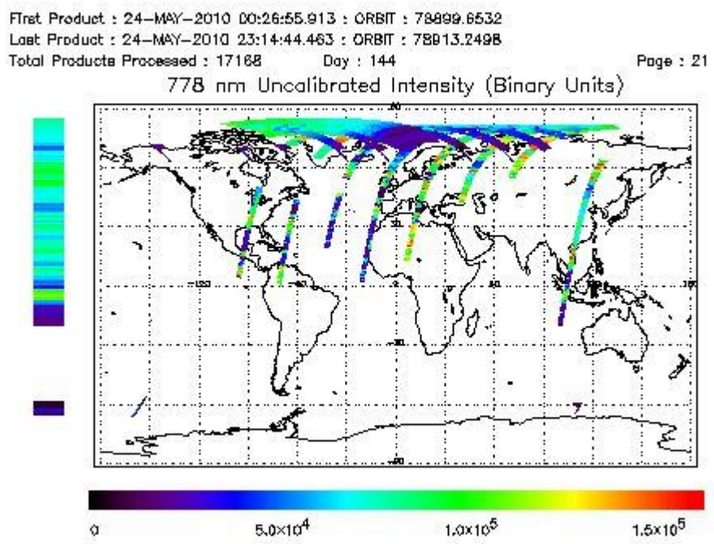
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

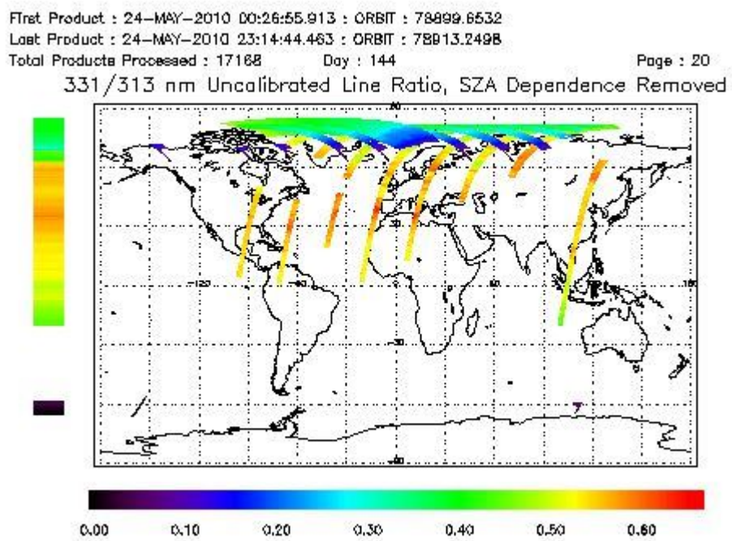
2.2 - Daily Plots

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

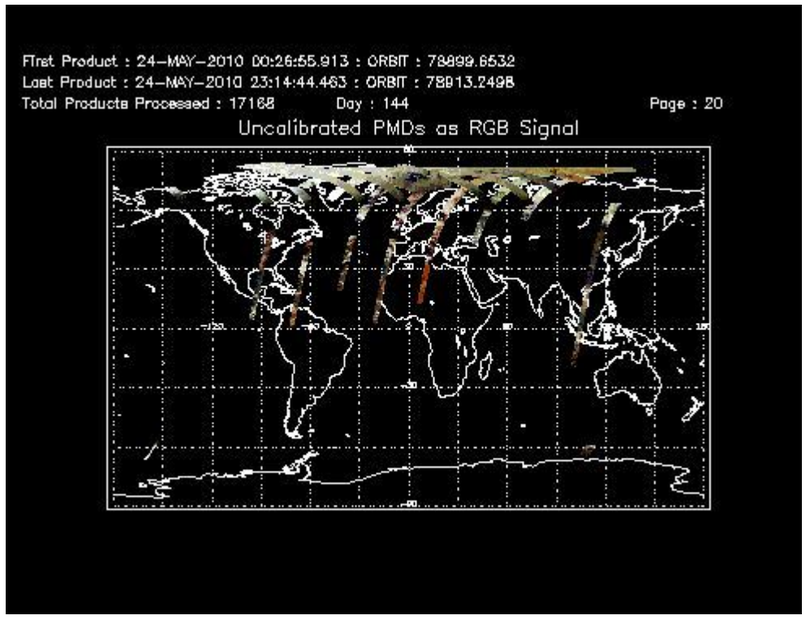
NEAR IR Intensity



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	19:45:02.683	--	78911	Yes	--	14703

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
--	--	--

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
21:00	--	78868	--

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