GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	01-JUL-2009
Start Time of First Product	00:42:08
Stop Time of Last Product	22:52:54
Number of EGOI Products analysed	31
Number of corrupted products	
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_090701GSEP3534.E2	01-JUL-2009	02:26:16.624
EGOI_090701GSEP3559.E2	01-JUL-2009	04:06:56.230
EGOI_090701GSEP3566.E2	01-JUL-2009	05:49:22.355
EGOI_090701KSEP1964.E2	01-JUL-2009	07:47:20.068
EGOI_090701KSEP1990.E2	01-JUL-2009	09:27:20.674
EGOI_090701KSEP2024.E2	01-JUL-2009	11:06:57.283
EGOI_090701KSEP2056.E2	01-JUL-2009	12:46:12.886
EGOI_090701KSEP2073.E2	01-JUL-2009	14:25:05.988
EGOI_090701KSEP2091.E2	01-JUL-2009	16:02:51.582

EGOI_090701KSEP2121.E2	01-JUL-2009	17:40:49.177
EGOI_090701KSEP2148.E2	01-JUL-2009	19:18:40.768
EGOI_090701KSEP2183.E2	01-JUL-2009	20:58:48.878
EGOI_090701KSEP2205.E2	01-JUL-2009	22:41:03.004
EGOI_090701MAEP1239.E2	01-JUL-2009	09:34:53.721
EGOI_090701MAEP1254.E2	01-JUL-2009	11:14:46.830
EGOI_090701MAEP1264.E2	01-JUL-2009	19:16:22.756
EGOI_090701MSEP8744.E2	01-JUL-2009	00:42:08.486
EGOI_090701MSEP8760.E2	01-JUL-2009	11:20:04.861
EGOI_090701MSEP8784.E2	01-JUL-2009	13:00:18.972
EGOI_090701MSEP8810.E2	01-JUL-2009	22:29:50.930
EGOI_090701MIEP2752.E2	01-JUL-2009	02:22:57.105
EGOI_090701MIEP2772.E2	01-JUL-2009	04:02:05.206
EGOI_090701MIEP2793.E2	01-JUL-2009	14:42:57.090
EGOI_090701MIEP2822.E2	01-JUL-2009	16:21:05.188
EGOI_090701HLEP1747.E2	01-JUL-2009	12:05:38.135
EGOI_090701HLEP1755.E2	01-JUL-2009	13:44:50.738
EGOI_090701HLEP1765.E2	01-JUL-2009	15:25:52.856
EGOI_090701HLEP1773.E2	01-JUL-2009	21:48:38.679
EGOI_090701SGEP7976.E2	01-JUL-2009	03:04:06.351
EGOI_090701SGEP7985.E2	01-JUL-2009	04:44:24.956
EGOI_090701SGEP7994.E2	01-JUL-2009	14:02:02.844

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	74223	01-JUL-2009	07:45:19.975	07:47:20.068	120.09300
KS	74224	01-JUL-2009	09:24:55.279	09:27:20.674	145.39500
KS	74225	01-JUL-2009	11:04:30.406	11:06:57.283	146.87700
KS	74226	01-JUL-2009	12:43:47.536	12:46:12.886	145.35000
KS	74227	01-JUL-2009	14:22:36.517	14:25:05.988	149.47100
KS	74228	01-JUL-2009	16:00:23.186	16:02:51.582	148.39600
KS	74229	01-JUL-2009	17:38:18.195	17:40:49.177	150.98200
KS	74230	01-JUL-2009	19:16:39.542	19:18:40.768	121.22600
KS	74231	01-JUL-2009	20:56:45.544	20:58:48.878	123.33400
KS	74232	01-JUL-2009	22:39:04.971	22:41:03.004	118.03300
GS	74221	01-JUL-2009	04:04:57.217	04:06:56.229	119.01200
MS	74219	01-JUL-2009	00:40:14.139	00:42:08.487	114.34800
MS	74225	01-JUL-2009	11:17:31.028	11:20:04.861	153.83300
MS	74226	01-JUL-2009	12:57:51.167	13:00:18.972	147.80500
MS	74232	01-JUL-2009	22:27:13.253	22:29:50.930	157.67700

MA	74224	01-JUL-2009	09:33:01.273	09:34:53.720	112.44700
MA	74225	01-JUL-2009	11:13:43.565	11:14:46.830	63.265000
MA	74230	01-JUL-2009	19:13:16.668	19:16:22.756	186.08800
MI	74220	01-JUL-2009	02:21:12.584	02:22:57.104	104.52000
MI	74221	01-JUL-2009	03:59:05.032	04:02:05.206	180.17400
MI	74227	01-JUL-2009	14:41:30.801	14:42:57.090	86.289000
MI	74228	01-JUL-2009	16:19:01.547	16:21:05.188	123.64100
SG	74220	01-JUL-2009	03:01:37.768	03:04:06.351	148.58300
SG	74221	01-JUL-2009	04:42:31.561	04:44:24.956	113.39500
SG	74226	01-JUL-2009	14:00:35.360	14:02:02.844	87.484000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	74218	30-JUN-2009	23:52:19.124	00:06:48.353	869.22900
MM	74218	01-JUL-2009	00:03:09.002	00:14:35.453	686.45100
HO	74219	01-JUL-2009	01:33:31.003	01:45:08.439	697.43600
MM	74219	01-JUL-2009	01:45:14.553	01:54:49.705	575.15200
GS	74219	01-JUL-2009	00:48:42.892	00:57:26.789	523.89700
BE	74220	01-JUL-2009	02:50:22.146	03:03:44.528	802.38200
MM	74220	01-JUL-2009	03:28:11.578	03:35:25.399	433.82100
CM	74220	01-JUL-2009	03:57:48.328	04:10:11.651	743.32300
BE	74221	01-JUL-2009	04:30:39.495	04:41:02.455	622.96000
MM	74221	01-JUL-2009	05:11:05.069	05:16:52.012	346.94300
MM	74222	01-JUL-2009	06:52:44.019	06:59:37.079	413.06000
KS	74222	01-JUL-2009	06:06:28.812	06:12:13.967	345.15500
CM	74222	01-JUL-2009	05:42:08.652	05:44:49.522	160.87000
JO	74222	01-JUL-2009	06:34:33.506	06:43:24.012	530.50600
MM	74223	01-JUL-2009	08:33:24.817	08:42:38.420	553.60300
MA	74223	01-JUL-2009	07:55:59.128	08:01:45.733	346.60500
JO	74223	01-JUL-2009	08:10:00.069	08:25:00.924	900.85500
MM	74224	01-JUL-2009	10:13:41.430	10:24:53.617	672.18700
JO	74224	01-JUL-2009	09:52:27.583	10:01:56.747	569.16400
HO	74225	01-JUL-2009	12:03:02.249	12:16:30.723	808.47400
MM	74225	01-JUL-2009	11:53:43.827	12:06:04.394	740.56700
HO	74226	01-JUL-2009	13:42:05.674	13:56:32.608	866.93400

MM	74226	01-JUL-2009	13:33:32.456	13:46:15.788	763.33200
SG	74226	01-JUL-2009	14:00:35.360	14:07:31.786	416.42600
BE	74227	01-JUL-2009	14:06:58.850	14:20:23.828	804.97800
HO	74227	01-JUL-2009	15:23:29.992	15:30:49.087	439.09500
MM	74227	01-JUL-2009	15:13:05.486	15:25:44.818	759.33200
GS	74227	01-JUL-2009	14:34:26.849	14:45:24.783	657.93400
SG	74227	01-JUL-2009	15:36:10.102	15:49:59.331	829.22900
BE	74228	01-JUL-2009	15:49:31.144	15:57:56.861	505.71700
MM	74228	01-JUL-2009	16:52:22.543	17:04:54.422	751.87900
GS	74228	01-JUL-2009	16:13:07.080	16:26:58.433	831.35300
CM	74228	01-JUL-2009	16:21:46.009	16:34:10.544	744.53500
MM	74229	01-JUL-2009	18:31:30.638	18:44:05.743	755.10500
GS	74229	01-JUL-2009	17:53:35.723	18:03:24.137	588.41400
CM	74229	01-JUL-2009	18:04:52.834	18:08:28.099	215.26500
MM	74230	01-JUL-2009	20:10:47.281	20:23:30.699	763.41800
JO	74230	01-JUL-2009	20:30:06.068	20:45:01.155	895.08700
HO	74231	01-JUL-2009	21:46:15.818	21:54:40.214	504.39600
MM	74231	01-JUL-2009	21:50:36.020	22:03:12.118	756.09800
MA	74231	01-JUL-2009	20:48:34.174	21:02:17.066	822.89200
JO	74231	01-JUL-2009	22:10:39.806	22:22:04.565	684.75900
HO	74232	01-JUL-2009	23:21:18.967	23:35:29.597	850.63000
MM	74232	01-JUL-2009	23:31:17.287	23:43:08.217	710.93000
MA	74232	01-JUL-2009	22:32:49.835	22:39:50.149	420.31400

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

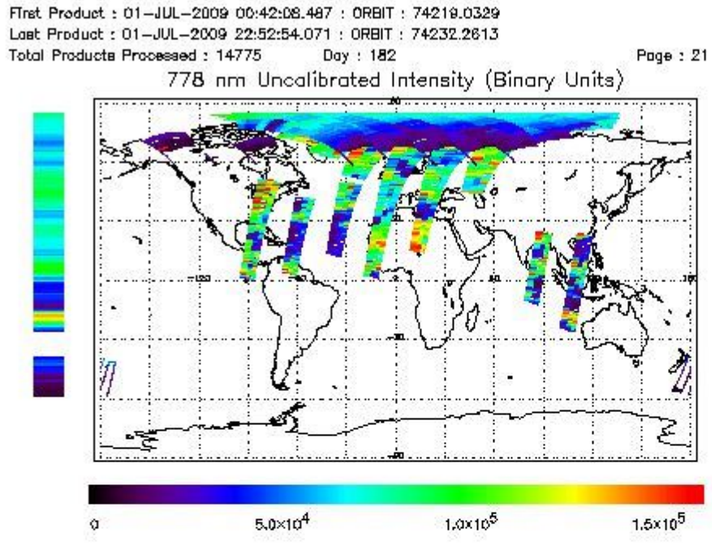
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK

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

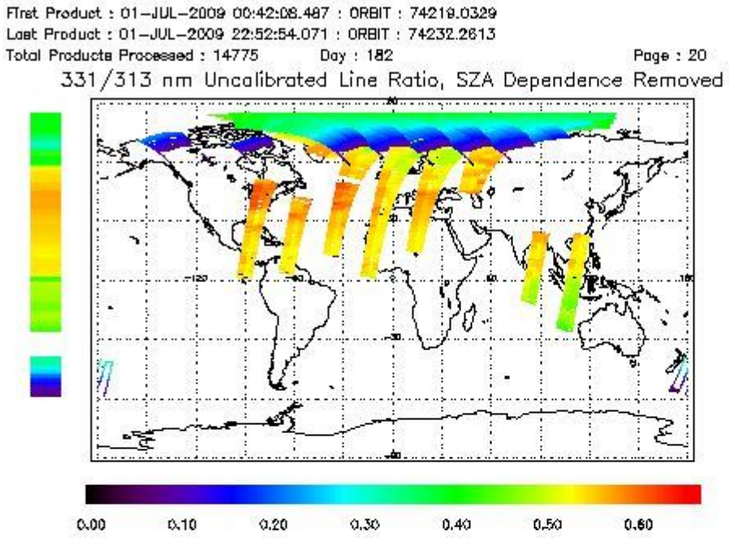
2.2 - Daily Plots

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

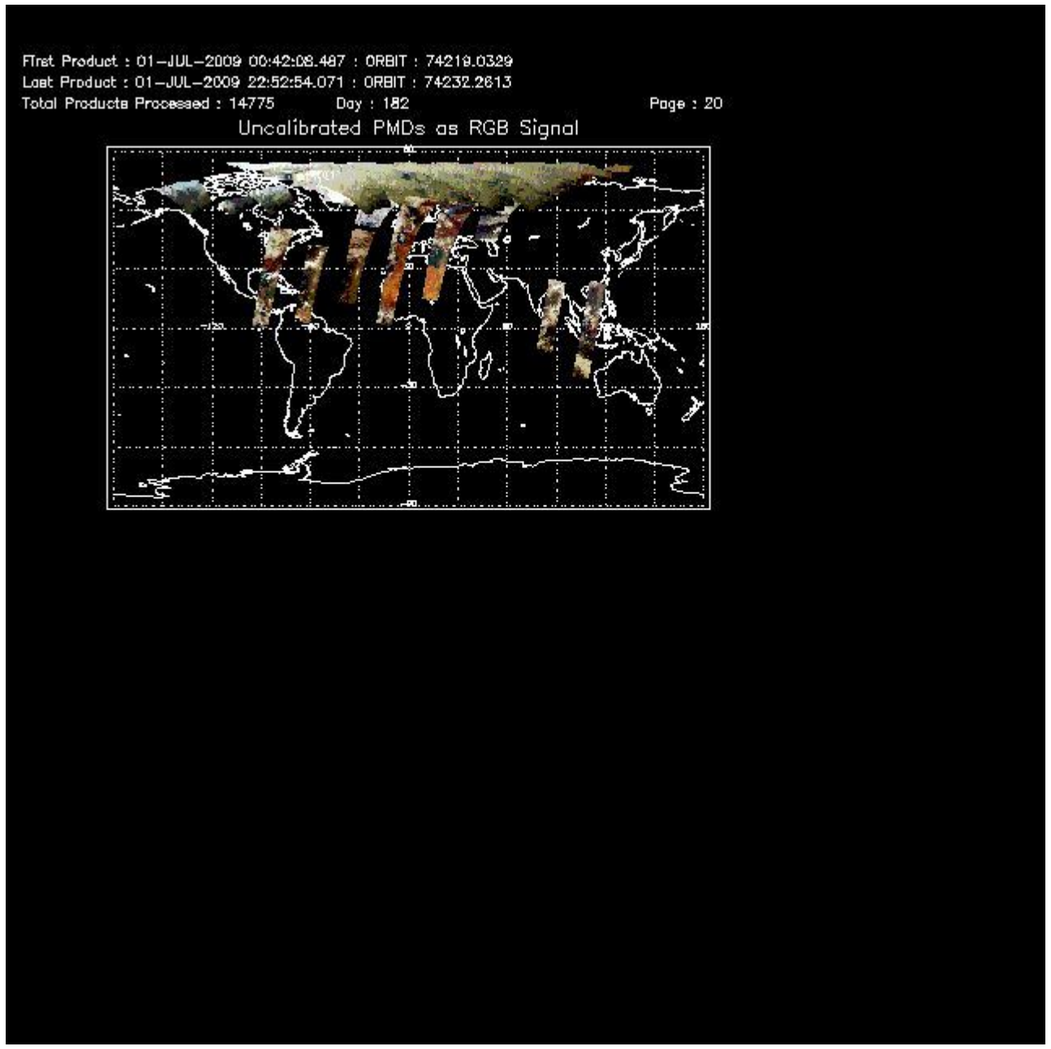
NEAR IR Intensity



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 (Y/NS/NE)	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	--	--	--	NS	--	--

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(D)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility (Y/NS/NE)	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any)(V)	Lamp Failure N. (if any)
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[BACK TO MENU]

4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	Orbit End	MPS Resumption	Ground Station Visibility (Y/NS/NE)
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
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5 - Instrument Operations

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility (Y/NS/NE)
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5.3 - Power Cycle

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	Orbit End
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5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	Orbit End
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[BACK TO MENU]