GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	29-JUN-2009
Start Time of First Product	00:03:22
Stop Time of Last Product	23:45:02
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_090629GSEP3367.E2	29-JUN-2009	01:50:42.409
EGOI_090629GSEP3394.E2	29-JUN-2009	03:28:55.011
EGOI_090629GSEP3403.E2	29-JUN-2009	05:11:49.632
EGOI_090629HLEP1722.E2	29-JUN-2009	00:57:42.092
EGOI_090629HLEP1730.E2	29-JUN-2009	11:29:27.926
EGOI_090629HLEP1739.E2	29-JUN-2009	14:48:02.137
EGOI_090629KSEP1402.E2	29-JUN-2009	07:10:21.850
EGOI_090629KSEP1433.E2	29-JUN-2009	08:50:17.964
EGOI_090629KSEP1464.E2	29-JUN-2009	10:30:02.070

EGOI_090629KSEP1494.E2	29-JUN-2009	12:09:23.672
EGOI_090629KSEP1510.E2	29-JUN-2009	13:48:22.770
EGOI_090629KSEP1538.E2	29-JUN-2009	15:26:51.869
EGOI_090629KSEP1593.E2	29-JUN-2009	18:42:18.557
EGOI_090629KSEP1621.E2	29-JUN-2009	20:21:19.156
EGOI_090629KSEP1652.E2	29-JUN-2009	22:03:01.778
EGOI_090629MAEP1162.E2	29-JUN-2009	08:58:21.000
EGOI_090629MAEP1173.E2	29-JUN-2009	10:37:26.113
EGOI_090629MAEP1188.E2	29-JUN-2009	20:15:17.625
EGOI_090629MIEP2556.E2	29-JUN-2009	01:48:37.897
EGOI_090629MIEP2580.E2	29-JUN-2009	03:24:02.480
EGOI_090629MIEP2603.E2	29-JUN-2009	05:06:45.101
EGOI_090629MIEP2613.E2	29-JUN-2009	15:43:54.970
EGOI_090629MSEP8501.E2	29-JUN-2009	00:03:22.260
EGOI_090629MSEP8518.E2	29-JUN-2009	10:43:51.652
EGOI_090629MSEP8546.E2	29-JUN-2009	12:22:43.254
EGOI_090629MSEP8575.E2	29-JUN-2009	21:53:46.723
EGOI_090629MSEP8602.E2	29-JUN-2009	23:31:41.314
EGOI_090629SGEP7916.E2	29-JUN-2009	02:27:56.136
EGOI_090629SGEP7924.E2	29-JUN-2009	04:06:23.738
EGOI_090629SGEP7932.E2	29-JUN-2009	15:01:56.215
EGOI_090629SGEP7942.E2	29-JUN-2009	16:43:14.834

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	74194	29-JUN-2009	07:08:26.110	07:10:21.849	115.73900
KS	74195	29-JUN-2009	08:47:54.811	08:50:17.963	143.15200
KS	74196	29-JUN-2009	10:27:32.242	10:30:02.070	149.82800
KS	74197	29-JUN-2009	12:06:58.164	12:09:23.672	145.50800
KS	74198	29-JUN-2009	13:45:54.167	13:48:22.770	148.60300
KS	74199	29-JUN-2009	15:24:04.923	15:26:51.868	166.94500
KS	74201	29-JUN-2009	18:39:54.881	18:42:18.556	143.67500
KS	74202	29-JUN-2009	20:19:21.349	20:21:19.155	117.80600
KS	74203	29-JUN-2009	22:00:46.053	22:03:01.778	135.72500
KS	74204	29-JUN-2009	23:45:03.260	23:46:41.406	98.146000
GS	74191	29-JUN-2009	01:48:20.582	01:50:42.408	141.82600
GS	74192	29-JUN-2009	03:27:03.981	03:28:55.011	111.03000
MS	74190	29-JUN-2009	00:01:10.534	00:03:22.260	131.72600
MS	74196	29-JUN-2009	10:41:22.006	10:43:51.651	149.64500
MS	74197	29-JUN-2009	12:20:09.510	12:22:43.253	153.74300

MS	74203	29-JUN-2009	21:51:51.565	21:53:46.722	115.15700
MS	74204	29-JUN-2009	23:29:13.235	23:31:41.313	148.07800
MA	74195	29-JUN-2009	08:56:50.466	08:58:21.000	90.534000
MA	74196	29-JUN-2009	10:35:32.499	10:37:26.113	113.61400
MA	74202	29-JUN-2009	20:11:59.713	20:15:17.624	197.91100
MI	74191	29-JUN-2009	01:47:35.461	01:48:37.896	62.435000
MI	74192	29-JUN-2009	03:21:56.218	03:24:02.479	126.26100
MI	74193	29-JUN-2009	05:04:57.305	05:06:45.100	107.79500
MI	74199	29-JUN-2009	15:42:08.471	15:43:54.970	106.49900
SG	74191	29-JUN-2009	02:26:01.545	02:27:56.135	114.59000
SG	74192	29-JUN-2009	04:04:09.138	04:06:23.737	134.59900
SG	74198	29-JUN-2009	14:59:32.891	15:01:56.214	143.32300
SG	74199	29-JUN-2009	16:40:25.427	16:43:14.834	169.40700

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	74190	29-JUN-2009	01:07:11.986	01:17:33.999	622.01300
KS	74190	29-JUN-2009	00:19:08.032	00:22:13.760	185.72800
BE	74191	29-JUN-2009	02:13:45.561	02:26:14.532	748.97100
MM	74191	29-JUN-2009	02:49:53.561	02:57:59.921	486.36000
BE	74192	29-JUN-2009	03:53:06.527	04:05:32.592	746.06500
MM	74192	29-JUN-2009	04:32:58.068	04:39:02.175	364.10700
CM	74192	29-JUN-2009	03:21:41.264	03:32:48.806	667.54200
CM	74192	29-JUN-2009	05:01:21.800	05:11:32.942	611.14200
MM	74193	29-JUN-2009	06:15:08.124	06:21:20.436	372.31200
MM	74194	29-JUN-2009	07:56:05.052	08:04:25.746	500.69400
JO	74194	29-JUN-2009	07:33:39.413	07:47:50.736	851.32300
MM	74195	29-JUN-2009	09:36:28.551	09:47:02.065	633.51400
JO	74195	29-JUN-2009	09:13:23.084	09:26:43.721	800.63700
MM	74196	29-JUN-2009	11:16:35.911	11:28:37.069	721.15800
HO	74197	29-JUN-2009	13:05:03.804	13:19:53.128	889.32400
MM	74197	29-JUN-2009	12:56:29.819	13:09:09.025	759.20600
MM	74198	29-JUN-2009	14:36:08.867	14:48:51.296	762.42900
GS	74198	29-JUN-2009	13:58:56.398	14:06:24.179	447.78100
BE	74199	29-JUN-2009	15:10:30.468	15:22:18.337	707.86900

MM	74199	29-JUN-2009	16:15:31.579	16:28:05.351	753.77200
GS	74199	29-JUN-2009	15:36:12.638	15:50:00.827	828.18900
CM	74199	29-JUN-2009	15:45:26.863	15:56:41.135	674.27200
MM	74200	29-JUN-2009	17:54:41.502	18:07:14.064	752.56200
MI	74200	29-JUN-2009	17:22:58.623	17:32:10.713	552.09000
KS	74200	29-JUN-2009	17:01:47.063	17:14:25.415	758.35200
GS	74200	29-JUN-2009	17:16:03.274	17:28:09.121	725.84700
CM	74200	29-JUN-2009	17:25:06.590	17:35:11.536	604.94600
MM	74201	29-JUN-2009	19:33:52.334	19:46:33.213	760.87900
JO	74201	29-JUN-2009	19:53:44.885	20:07:23.394	818.50900
MM	74202	29-JUN-2009	21:13:26.443	21:26:08.605	762.16200
JO	74202	29-JUN-2009	21:32:49.873	21:46:48.567	838.69400
HO	74203	29-JUN-2009	22:45:17.833	22:58:18.155	780.32200
MM	74203	29-JUN-2009	22:53:46.266	23:05:59.508	733.24200
MA	74203	29-JUN-2009	21:52:54.122	22:04:22.031	687.90900

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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

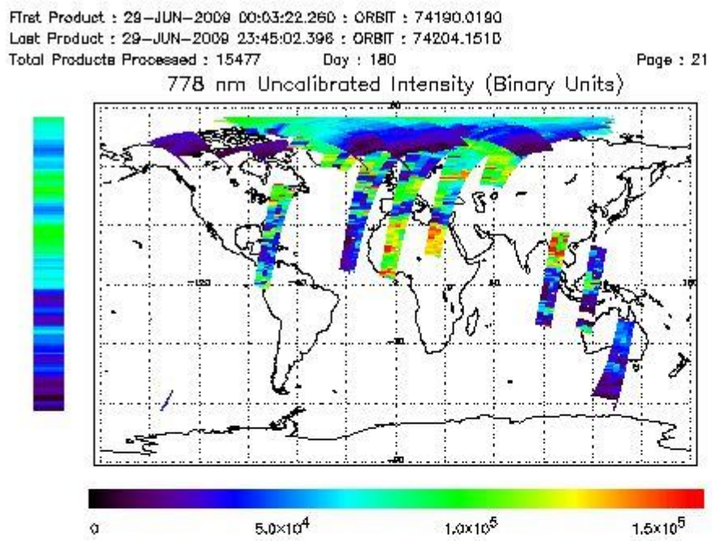
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

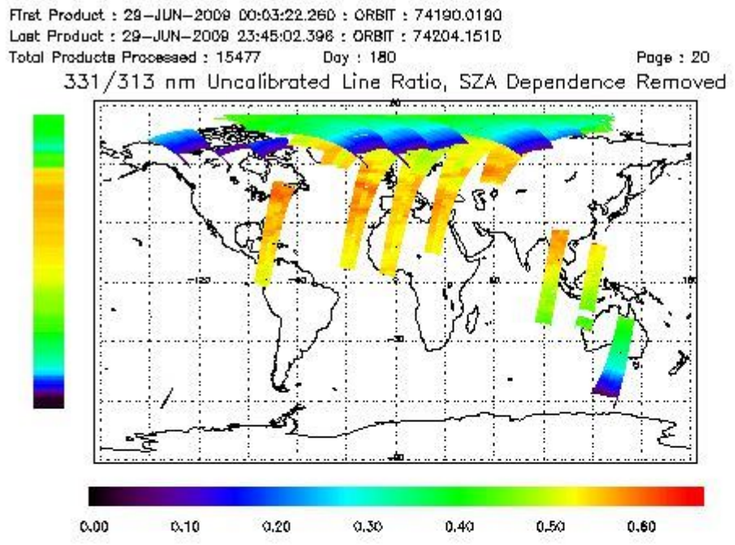
2.2 - Daily Plots

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

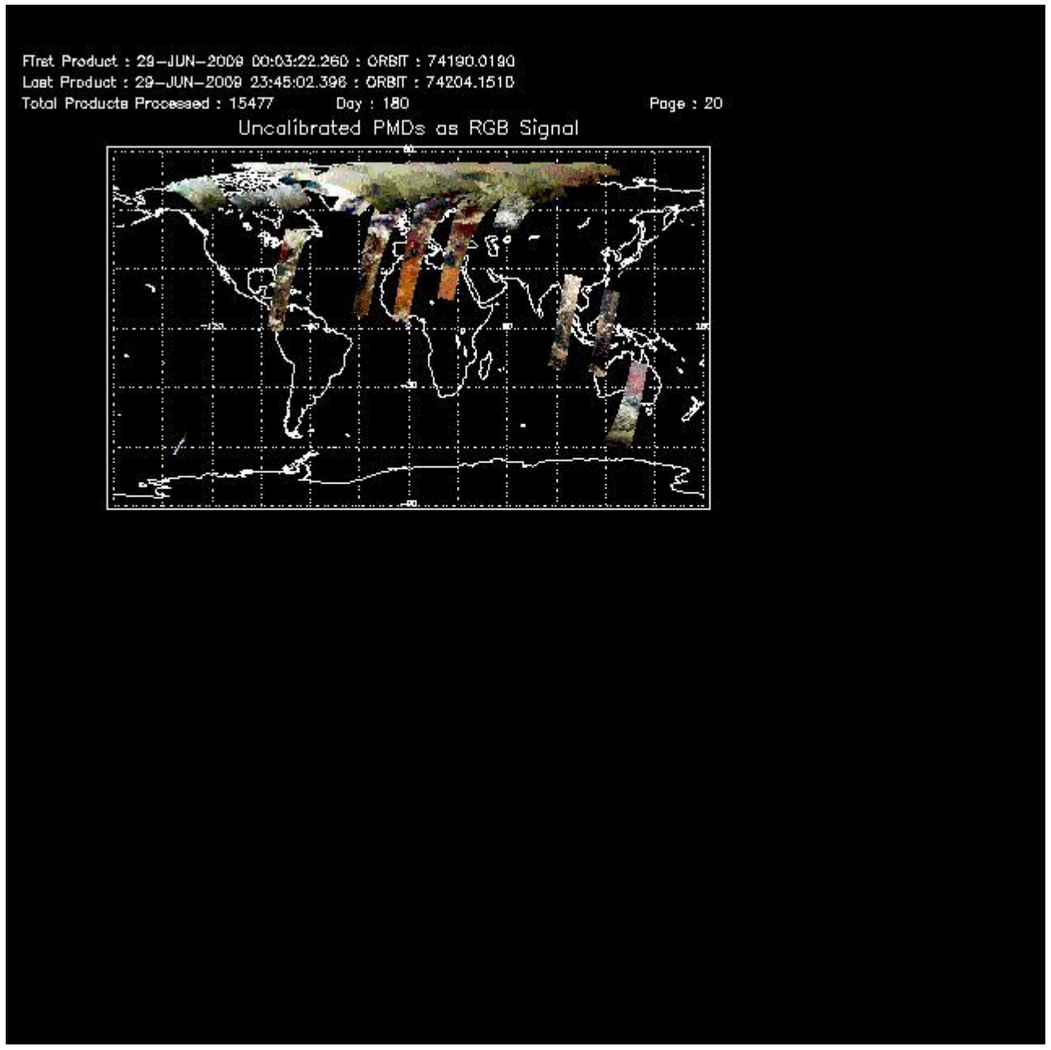
NEAR IR Intensity



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 (Y/NS/NE)	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	18:44:47.060	--	74201	Y	--	14485

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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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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