

GOME Daily Report

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1 - General Info

1.1 - Report Summary

| Item | Value |
|-------------------------------------|-------------------|
| Report Version | GOMEver3_3 |
| Report of Day | 27-AUG-2010 |
| Start Time of First Product | 23:52:19 (26-Aug) |
| Stop Time of Last Product | 23:29:29 |
| Number of EGOI Products analysed | 43 |
| Number of corrupted products | -- |
| Anomalies and/or Special Operations | Nominal Data |

1.2 - List of received products

| Name | Date | Time |
|------------------------|-------------|--------------|
| EGOI_100827GSEP3712.E2 | 27-AUG-2010 | 01:25:11.834 |
| EGOI_100827GSEP3739.E2 | 27-AUG-2010 | 03:02:48.432 |
| EGOI_100827GSEP3761.E2 | 27-AUG-2010 | 04:45:19.053 |
| EGOI_100827GSEP3767.E2 | 27-AUG-2010 | 06:27:07.683 |
| EGOI_100827HLEP7205.E2 | 27-AUG-2010 | 00:31:52.014 |
| EGOI_100827HLEP7215.E2 | 27-AUG-2010 | 02:17:42.155 |
| EGOI_100827HLEP7222.E2 | 27-AUG-2010 | 11:04:24.372 |
| EGOI_100827HLEP7233.E2 | 27-AUG-2010 | 22:29:28.553 |
| EGOI_100827KSEP0930.E2 | 26-AUG-2010 | 23:52:18.767 |

| | | |
|------------------------|-------------|--------------|
| EGOI_100827KSEP0944.E2 | 27-AUG-2010 | 06:44:22.783 |
| EGOI_100827KSEP0963.E2 | 27-AUG-2010 | 08:24:20.398 |
| EGOI_100827KSEP0985.E2 | 27-AUG-2010 | 10:04:00.001 |
| EGOI_100827KSEP1006.E2 | 27-AUG-2010 | 11:43:36.611 |
| EGOI_100827KSEP1024.E2 | 27-AUG-2010 | 13:22:35.717 |
| EGOI_100827KSEP1036.E2 | 27-AUG-2010 | 15:01:16.816 |
| EGOI_100827KSEP1063.E2 | 27-AUG-2010 | 16:38:51.919 |
| EGOI_100827KSEP1093.E2 | 27-AUG-2010 | 18:16:54.013 |
| EGOI_100827KSEP1118.E2 | 27-AUG-2010 | 19:55:23.112 |
| EGOI_100827KSEP1140.E2 | 27-AUG-2010 | 21:36:11.731 |
| EGOI_100827KSEP1158.E2 | 27-AUG-2010 | 23:19:09.357 |
| EGOI_100827MAEP6198.E2 | 27-AUG-2010 | 08:32:20.436 |
| EGOI_100827MAEP6210.E2 | 27-AUG-2010 | 10:11:27.047 |
| EGOI_100827MAEP6227.E2 | 27-AUG-2010 | 21:28:14.679 |
| EGOI_100827MIEP9251.E2 | 27-AUG-2010 | 02:58:39.405 |
| EGOI_100827MIEP9267.E2 | 27-AUG-2010 | 04:39:11.522 |
| EGOI_100827MIEP9289.E2 | 27-AUG-2010 | 15:18:55.926 |
| EGOI_100827MIEP9308.E2 | 27-AUG-2010 | 16:58:28.032 |
| EGOI_100827MMEP3723.E2 | 27-AUG-2010 | 00:41:59.576 |
| EGOI_100827MMEP3729.E2 | 27-AUG-2010 | 02:24:12.194 |
| EGOI_100827MMEP3738.E2 | 27-AUG-2010 | 07:30:51.561 |
| EGOI_100827MMEP3745.E2 | 27-AUG-2010 | 09:11:38.687 |
| EGOI_100827MMEP3753.E2 | 27-AUG-2010 | 10:52:00.294 |
| EGOI_100827MMEP3762.E2 | 27-AUG-2010 | 14:12:31.522 |
| EGOI_100827MMEP3770.E2 | 27-AUG-2010 | 15:51:06.622 |
| EGOI_100827MSEP7391.E2 | 27-AUG-2010 | 10:18:52.591 |
| EGOI_100827MSEP7420.E2 | 27-AUG-2010 | 11:56:29.189 |
| EGOI_100827MSEP7439.E2 | 27-AUG-2010 | 13:38:38.812 |
| EGOI_100827MSEP7457.E2 | 27-AUG-2010 | 21:29:34.188 |
| EGOI_100827MSEP7489.E2 | 27-AUG-2010 | 23:05:25.775 |
| EGOI_100827SGEP7713.E2 | 27-AUG-2010 | 02:03:52.569 |
| EGOI_100827SGEP7719.E2 | 27-AUG-2010 | 03:40:54.662 |
| EGOI_100827SGEP7727.E2 | 27-AUG-2010 | 14:37:51.179 |
| EGOI_100827SGEP7734.E2 | 27-AUG-2010 | 16:16:00.775 |

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1.3 - List of data gaps

| Station | Orbit | Date | Start Time | Stop Time | Duration (s) |
|---------|-------|------|------------|-----------|--------------|
| NA | | | | | |

[[BACK TO MENU](#)]

1.4 - List of missing products

| Station | Orbit | Date | Start Time | Stop Time | Duration (s) |
|---------|-------|------|------------|-----------|--------------|
|---------|-------|------|------------|-----------|--------------|

| | | | | | |
|----|--|--|--|--|--|
| NA | | | | | |
|----|--|--|--|--|--|

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1.5 - List of corrupted products

| | | |
|---------|-------|------|
| Station | Orbit | Time |
|---------|-------|------|

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

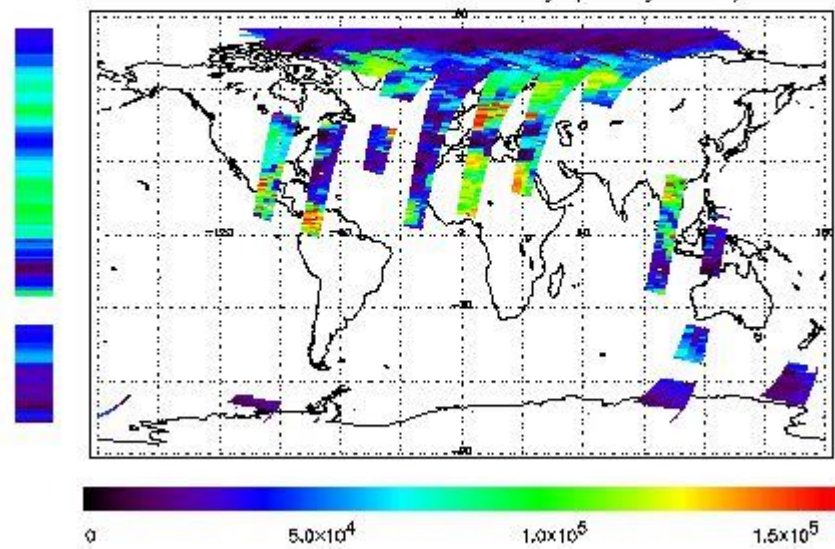
| Indicator | Value |
|--------------------------------------|-------|
| MPH Product Confidence | OK |
| SPH Product Confidence | OK |
| Command Word Echo Summary | OK |
| Instrument Status 1A | OK |
| Instrument Status 1B | OK |
| Instrument Status 2 | OK |
| Integration Times Channel 1 | OK |
| Co-Adding 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 explanation see the [GOME Performance Legend](#)

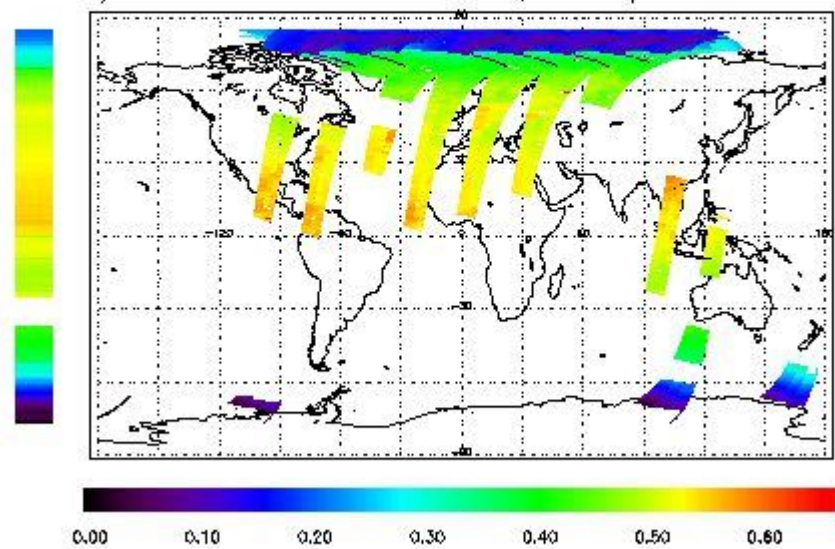
NEAR IR Intensity

778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



PMD Image (Earthshine Radiance)

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 |
|------------|----------|-------------|-----------|
| -- | -- | -- | -- |