# GOME Daily Report

## SUMMARY



## 1 - General Info

### 1.1 - Report Summary

| Item | Value |
|---|---|
| Report Version | GOMEver3_3 (2008) |
| Time of Report Generation | 24-MAY-2009 |
| Start Time of First Product | 00:35:48 |
| Stop Time of Last Product | 22:39:50 |
| Total Number of EGOI Products | 40 |
| Number of corrupted products | -- |
| Anomalies and/or Special Operations | -- |

### 1.2 - Products used in this report

| Name | Date | Time |
|---|---|---|
| EGOI_090524BEEP9994.E2 | 24-MAY-2009 | 04:28:04.135 |
| EGOI_090524GSEP0793.E2 | 24-MAY-2009 | 02:20:48.334 |
| EGOI_090524GSEP0799.E2 | 24-MAY-2009 | 04:00:57.959 |
| EGOI_090524GSEP0805.E2 | 24-MAY-2009 | 05:43:30.096 |
| EGOI_090524KSEP2084.E2 | 24-MAY-2009 | 07:41:33.826 |
| EGOI_090524KSEP2094.E2 | 24-MAY-2009 | 09:21:32.936 |
| EGOI_090524KSEP2104.E2 | 24-MAY-2009 | 11:01:11.031 |
| EGOI_090524KSEP2130.E2 | 24-MAY-2009 | 12:40:28.129 |
| EGOI_090524KSEP2147.E2 | 24-MAY-2009 | 14:19:22.728 |

| | | |
|---|---|---|
| EGOI_090524KSEP2165.E2 | 24-MAY-2009 | 15:57:09.811 |
| EGOI_090524KSEP2195.E2 | 24-MAY-2009 | 17:35:07.281 |
| EGOI_090524KSEP2219.E2 | 24-MAY-2009 | 19:12:57.372 |
| EGOI_090524KSEP2253.E2 | 24-MAY-2009 | 20:52:51.970 |
| EGOI_090524KSEP2283.E2 | 24-MAY-2009 | 22:34:55.584 |
| EGOI_090524MAEP9873.E2 | 24-MAY-2009 | 11:08:56.078 |
| EGOI_090524MAEP9879.E2 | 24-MAY-2009 | 19:11:15.360 |
| EGOI_090524MIEP9168.E2 | 24-MAY-2009 | 02:17:45.315 |
| EGOI_090524MIEP9174.E2 | 24-MAY-2009 | 03:56:14.436 |
| EGOI_090524MIEP9193.E2 | 24-MAY-2009 | 14:37:45.333 |
| EGOI_090524MIEP9222.E2 | 24-MAY-2009 | 16:15:08.420 |
| EGOI_090524MIEP9240.E2 | 24-MAY-2009 | 17:59:32.933 |
| EGOI_090524MMEP4031.E2 | 24-MAY-2009 | 03:23:12.729 |
| EGOI_090524MMEP4037.E2 | 24-MAY-2009 | 05:05:47.866 |
| EGOI_090524MMEP4043.E2 | 24-MAY-2009 | 06:47:45.495 |
| EGOI_090524MMEP4050.E2 | 24-MAY-2009 | 10:09:19.722 |
| EGOI_090524MMEP4057.E2 | 24-MAY-2009 | 15:08:50.025 |
| EGOI_090524MMEP4066.E2 | 24-MAY-2009 | 16:48:20.619 |
| EGOI_090524MMEP4074.E2 | 24-MAY-2009 | 18:28:12.102 |
| EGOI_090524MMEP4080.E2 | 24-MAY-2009 | 20:07:02.196 |
| EGOI_090524MMEP4088.E2 | 24-MAY-2009 | 21:47:25.299 |
| EGOI_090524MMEP4096.E2 | 24-MAY-2009 | 23:27:12.401 |
| EGOI_090524MSEP4560.E2 | 24-MAY-2009 | 00:35:47.673 |
| EGOI_090524MSEP4568.E2 | 24-MAY-2009 | 11:14:18.613 |
| EGOI_090524MSEP4592.E2 | 24-MAY-2009 | 12:54:16.212 |
| EGOI_090524MSEP4624.E2 | 24-MAY-2009 | 22:23:34.521 |
| EGOI_090524SGEP7139.E2 | 24-MAY-2009 | 02:58:29.077 |
| EGOI_090524SGEP7145.E2 | 24-MAY-2009 | 02:58:29.077 |
| EGOI_090524SGEP7151.E2 | 24-MAY-2009 | 04:38:20.702 |
| EGOI_090524SGEP7157.E2 | 24-MAY-2009 | 13:57:15.091 |
| EGOI_090524SGEP7162.E2 | 24-MAY-2009 | 15:32:53.166 |

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### 1.3 - List of data gaps

| Station | Orbit | Date | Start Time | Stop Time | Duration (s) |
|---|---|---|---|---|---|
| KS | 73679 | 24-MAY-2009 | 07:39:39.028 | 07:41:33.825 | 114.79700 |
| KS | 73680 | 24-MAY-2009 | 09:19:13.653 | 09:21:32.935 | 139.28200 |
| KS | 73681 | 24-MAY-2009 | 10:58:49.285 | 11:01:11.031 | 141.74600 |
| KS | 73682 | 24-MAY-2009 | 12:38:07.943 | 12:40:28.128 | 140.18500 |
| KS | 73683 | 24-MAY-2009 | 14:16:58.792 | 14:19:22.727 | 143.93500 |
| KS | 73684 | 24-MAY-2009 | 15:54:48.259 | 15:57:09.811 | 141.55200 |
| KS | 73685 | 24-MAY-2009 | 17:32:42.983 | 17:35:07.281 | 144.29800 |
| KS | 73686 | 24-MAY-2009 | 19:10:59.559 | 19:12:57.372 | 117.81300 |

| | | | | | |
|---|---|---|---|---|---|
| KS | 73687 | 24-MAY-2009 | 20:50:59.150 | 20:52:51.970 | 112.82000 |
| KS | 73688 | 24-MAY-2009 | 22:33:09.666 | 22:34:55.584 | 105.91800 |
| GS | 73677 | 24-MAY-2009 | 03:59:04.242 | 04:00:57.959 | 113.71700 |
| MS | 73675 | 24-MAY-2009 | 00:34:04.809 | 00:35:47.672 | 102.86300 |
| MS | 73681 | 24-MAY-2009 | 11:11:53.484 | 11:14:18.613 | 145.12900 |
| MS | 73682 | 24-MAY-2009 | 12:51:59.855 | 12:54:16.211 | 136.35600 |
| MS | 73688 | 24-MAY-2009 | 22:21:42.514 | 22:23:34.520 | 112.00600 |
| MA | 73681 | 24-MAY-2009 | 11:07:53.205 | 11:08:56.077 | 62.872000 |
| MA | 73686 | 24-MAY-2009 | 19:08:33.312 | 19:11:15.359 | 162.04700 |
| MI | 73676 | 24-MAY-2009 | 02:15:51.660 | 02:17:45.314 | 113.65400 |
| MI | 73677 | 24-MAY-2009 | 03:53:18.516 | 03:56:14.435 | 175.91900 |
| MI | 73683 | 24-MAY-2009 | 14:36:13.806 | 14:37:45.332 | 91.526000 |
| MI | 73684 | 24-MAY-2009 | 16:13:18.836 | 16:15:08.419 | 109.58300 |
| MM | 73680 | 24-MAY-2009 | 10:07:58.035 | 10:09:19.721 | 81.686000 |
| MM | 73683 | 24-MAY-2009 | 15:07:24.620 | 15:08:50.024 | 85.404000 |
| MM | 73684 | 24-MAY-2009 | 16:46:42.497 | 16:48:20.619 | 98.122000 |
| MM | 73685 | 24-MAY-2009 | 18:25:50.728 | 18:28:12.101 | 141.37300 |
| MM | 73686 | 24-MAY-2009 | 20:05:06.262 | 20:07:02.195 | 115.93300 |
| MM | 73687 | 24-MAY-2009 | 21:44:52.553 | 21:47:25.299 | 152.74600 |
| MM | 73688 | 24-MAY-2009 | 23:25:30.398 | 23:27:12.401 | 102.00300 |
| BE | 73677 | 24-MAY-2009 | 04:24:50.997 | 04:28:04.135 | 193.13800 |
| BE | 73677 | 24-MAY-2009 | 04:29:58.145 | 04:35:38.348 | 340.20300 |
| SG | 73676 | 24-MAY-2009 | 02:56:04.400 | 02:58:29.077 | 144.67700 |
| SG | 73676 | 24-MAY-2009 | 03:00:15.588 | 03:09:18.750 | 543.16200 |
| SG | 73676 | 24-MAY-2009 | 02:56:04.400 | 02:58:29.077 | 144.67700 |
| SG | 73676 | 24-MAY-2009 | 03:00:15.588 | 03:09:18.750 | 543.16200 |
| SG | 73677 | 24-MAY-2009 | 04:36:30.701 | 04:38:20.701 | 110.00000 |
| SG | 73677 | 24-MAY-2009 | 04:44:49.240 | 04:47:01.987 | 132.74700 |
| SG | 73683 | 24-MAY-2009 | 15:30:28.626 | 15:32:53.166 | 144.54000 |

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### 1.4 - List of missing products

| Station | Orbit | Date | Start Time | Stop Time | Duration (s) |
|---|---|---|---|---|---|
| HO | 73674 | 23-MAY-2009 | 23:46:41.145 | 00:01:06.906 | 865.76100 |
| MM | 73674 | 23-MAY-2009 | 23:57:20.930 | 00:08:52.220 | 691.29000 |
| HO | 73675 | 24-MAY-2009 | 01:27:36.481 | 01:39:37.587 | 721.10600 |

| | | | | | |
|---|---|---|---|---|---|
| MM | 73675 | 24-MAY-2009 | 01:39:22.865 | 01:49:05.588 | 582.72300 |
| GS | 73675 | 24-MAY-2009 | 00:43:25.572 | 00:51:35.802 | 490.23000 |
| BE | 73676 | 24-MAY-2009 | 02:44:42.659 | 02:58:01.416 | 798.75700 |
| CM | 73676 | 24-MAY-2009 | 03:52:10.771 | 04:04:29.722 | 738.95100 |
| KS | 73678 | 24-MAY-2009 | 06:00:56.055 | 06:06:04.011 | 307.95600 |
| CM | 73678 | 24-MAY-2009 | 05:35:14.634 | 05:40:19.318 | 304.68400 |
| JO | 73678 | 24-MAY-2009 | 06:29:27.685 | 06:37:19.847 | 472.16200 |
| MM | 73679 | 24-MAY-2009 | 08:27:40.461 | 08:36:46.098 | 545.63700 |
| JO | 73679 | 24-MAY-2009 | 08:04:21.440 | 08:19:19.691 | 898.25100 |
| MA | 73680 | 24-MAY-2009 | 09:27:21.834 | 09:40:56.952 | 815.11800 |
| JO | 73680 | 24-MAY-2009 | 09:46:18.584 | 09:56:38.896 | 620.31200 |
| HO | 73681 | 24-MAY-2009 | 11:57:24.816 | 12:10:38.134 | 793.31800 |
| MM | 73681 | 24-MAY-2009 | 11:48:01.189 | 12:00:19.206 | 738.01700 |
| HO | 73682 | 24-MAY-2009 | 13:36:22.913 | 13:50:57.620 | 874.70700 |
| MM | 73682 | 24-MAY-2009 | 13:27:50.649 | 13:40:33.619 | 762.97000 |
| BE | 73683 | 24-MAY-2009 | 14:01:18.840 | 14:14:42.896 | 804.05600 |
| HO | 73683 | 24-MAY-2009 | 15:17:38.210 | 15:25:29.829 | 471.61900 |
| GS | 73683 | 24-MAY-2009 | 14:28:54.355 | 14:39:54.513 | 660.15800 |
| BE | 73684 | 24-MAY-2009 | 15:43:23.802 | 15:52:33.438 | 549.63600 |
| GS | 73684 | 24-MAY-2009 | 16:07:25.544 | 16:21:19.626 | 834.08200 |
| CM | 73684 | 24-MAY-2009 | 16:16:07.372 | 16:28:28.679 | 741.30700 |
| GS | 73685 | 24-MAY-2009 | 17:47:47.675 | 17:58:01.921 | 614.24600 |
| CM | 73685 | 24-MAY-2009 | 17:58:21.427 | 18:03:46.808 | 325.38100 |
| JO | 73686 | 24-MAY-2009 | 20:24:28.113 | 20:39:17.288 | 889.17500 |
| MA | 73687 | 24-MAY-2009 | 20:42:54.083 | 20:56:36.205 | 822.12200 |
| JO | 73687 | 24-MAY-2009 | 22:04:47.370 | 22:16:43.865 | 716.49500 |
| HO | 73688 | 24-MAY-2009 | 23:15:43.072 | 23:29:47.268 | 844.19600 |
| MA | 73688 | 24-MAY-2009 | 22:26:36.302 | 22:34:29.667 | 473.36500 |

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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 explaination see the GOME Performance Legend

NEAR IR Intensity

Ozone Line Ratio

PMD Image (Earthshine Radiance)

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## 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) |
|---|---|---|---|---|---|
| D | 17:36:29.790 | -- | 73685 | -- | -- |

### 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) |
|---|---|---|---|---|
| -- | -- | -- | -- | -- |

### 4.2 - Instrument Off

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

### 4.3 - Cooler Switchings

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

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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) |
|---|---|---|---|---|
| 11:31:31 | 12:26:55 | -- | -- | -- |

### 5.2 - TST44

| Start Time | Start Orbit | Ground Station Visibility (Y/NS/NE) |
|---|---|---|
| -- | -- | -- |

### 5.3 - Power Cycle

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

### 5.4 - Wrong Command Execution

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

### 5.5 - Narrow Swath Timeline

| Start Time | End Time | Start Orbit | Orbit End |
|---|---|---|---|
| 19:00 | -- | 73686 | -- |

### 5.6 - Seasonal Operations

| Start Time | End Time | Start Orbit | Orbit End |
|---|---|---|---|
| -- | -- | -- | -- |

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# GOME Daily Report

```
**********************************************************************
         NARROW SWATH TIMELINE GMNNOT41 executed
         begin of execution Orbit 73686 time: ~19:00
         active until end of day, Orbit 73688
  ************************************************************
**************************************************************************
Summary of Anomalies:
station info

HO orbit 73674 EGOI data missing 23-MAY-2009 23:46:41.145 - 24-MAY-2009 00:01:06.906        865.76100 [sec]
MM orbit 73674 EGOI data missing 23-MAY-2009 23:57:20.930 - 24-MAY-2009 00:08:52.220        691.29000 [sec]
HO orbit 73675 EGOI data missing 24-MAY-2009 01:27:36.481 - 24-MAY-2009 01:39:37.587        721.10600 [sec]
MM orbit 73675 EGOI data missing 24-MAY-2009 01:39:22.865 - 24-MAY-2009 01:49:05.588        582.72300 [sec]
GS orbit 73675 EGOI data missing 24-MAY-2009 00:43:25.572 - 24-MAY-2009 00:51:35.802        490.23000 [sec]
BE orbit 73676 EGOI data missing 24-MAY-2009 02:44:42.659 - 24-MAY-2009 02:58:01.416        798.75700 [sec]
CM orbit 73676 EGOI data missing 24-MAY-2009 03:52:10.771 - 24-MAY-2009 04:04:29.722        738.95100 [sec]
KS orbit 73678 EGOI data missing 24-MAY-2009 06:00:56.055 - 24-MAY-2009 06:06:04.011        307.95600 [sec]
CM orbit 73678 EGOI data missing 24-MAY-2009 05:35:14.634 - 24-MAY-2009 05:40:19.318        304.68400 [sec]
JO orbit 73678 EGOI data missing 24-MAY-2009 06:29:27.685 - 24-MAY-2009 06:37:19.847        472.16200 [sec]
MM orbit 73679 EGOI data missing 24-MAY-2009 08:27:40.461 - 24-MAY-2009 08:36:46.098        545.63700 [sec]
JO orbit 73679 EGOI data missing 24-MAY-2009 08:04:21.440 - 24-MAY-2009 08:19:19.691        898.25100 [sec]
MA orbit 73680 EGOI data missing 24-MAY-2009 09:27:21.834 - 24-MAY-2009 09:40:56.952        815.11800 [sec]
JO orbit 73680 EGOI data missing 24-MAY-2009 09:46:18.584 - 24-MAY-2009 09:56:38.896        620.31200 [sec]
HO orbit 73681 EGOI data missing 24-MAY-2009 11:57:24.816 - 24-MAY-2009 12:10:38.134        793.31800 [sec]
MM orbit 73681 EGOI data missing 24-MAY-2009 11:48:01.189 - 24-MAY-2009 12:00:19.206        738.01700 [sec]
HO orbit 73682 EGOI data missing 24-MAY-2009 13:36:22.913 - 24-MAY-2009 13:50:57.620        874.70700 [sec]
MM orbit 73682 EGOI data missing 24-MAY-2009 13:27:50.649 - 24-MAY-2009 13:40:33.619        762.97000 [sec]
BE orbit 73683 EGOI data missing 24-MAY-2009 14:01:18.840 - 24-MAY-2009 14:14:42.896        804.05600 [sec]
HO orbit 73683 EGOI data missing 24-MAY-2009 15:17:38.210 - 24-MAY-2009 15:25:29.829        471.61900 [sec]
GS orbit 73683 EGOI data missing 24-MAY-2009 14:28:54.355 - 24-MAY-2009 14:39:54.513        660.15800 [sec]
BE orbit 73684 EGOI data missing 24-MAY-2009 15:43:23.802 - 24-MAY-2009 15:52:33.438        549.63600 [sec]
GS orbit 73684 EGOI data missing 24-MAY-2009 16:07:25.544 - 24-MAY-2009 16:21:19.626        834.08200 [sec]
CM orbit 73684 EGOI data missing 24-MAY-2009 16:16:07.372 - 24-MAY-2009 16:28:28.679        741.30700 [sec]
GS orbit 73685 EGOI data missing 24-MAY-2009 17:47:47.675 - 24-MAY-2009 17:58:01.921        614.24600 [sec]
CM orbit 73685 EGOI data missing 24-MAY-2009 17:58:21.427 - 24-MAY-2009 18:03:46.808        325.38100 [sec]
JO orbit 73686 EGOI data missing 24-MAY-2009 20:24:28.113 - 24-MAY-2009 20:39:17.288        889.17500 [sec]
MA orbit 73687 EGOI data missing 24-MAY-2009 20:42:54.083 - 24-MAY-2009 20:56:36.205        822.12200 [sec]
JO orbit 73687 EGOI data missing 24-MAY-2009 22:04:47.370 - 24-MAY-2009 22:16:43.865        716.49500 [sec]
HO orbit 73688 EGOI data missing 24-MAY-2009 23:15:43.072 - 24-MAY-2009 23:29:47.268        844.19600 [sec]
MA orbit 73688 EGOI data missing 24-MAY-2009 22:26:36.302 - 24-MAY-2009 22:34:29.667        473.36500 [sec]
KS orbit 73679 EGOI data gap     24-MAY-2009 07:39:39.028 - 24-MAY-2009 07:41:33.825        114.79700 [sec]
KS orbit 73680 EGOI data gap     24-MAY-2009 09:19:13.653 - 24-MAY-2009 09:21:32.935        139.28200 [sec]
KS orbit 73681 EGOI data gap     24-MAY-2009 10:58:49.285 - 24-MAY-2009 11:01:11.031        141.74600 [sec]
KS orbit 73682 EGOI data gap     24-MAY-2009 12:38:07.943 - 24-MAY-2009 12:40:28.128        140.18500 [sec]
KS orbit 73683 EGOI data gap     24-MAY-2009 14:16:58.792 - 24-MAY-2009 14:19:22.727        143.93500 [sec]
KS orbit 73684 EGOI data gap     24-MAY-2009 15:54:48.259 - 24-MAY-2009 15:57:09.811        141.55200 [sec]
KS orbit 73685 EGOI data gap     24-MAY-2009 17:32:42.983 - 24-MAY-2009 17:35:07.281        144.29800 [sec]
KS orbit 73686 EGOI data gap     24-MAY-2009 19:10:59.559 - 24-MAY-2009 19:12:57.372        117.81300 [sec]
KS orbit 73687 EGOI data gap     24-MAY-2009 20:50:59.150 - 24-MAY-2009 20:52:51.970        112.82000 [sec]
KS orbit 73688 EGOI data gap     24-MAY-2009 22:33:09.666 - 24-MAY-2009 22:34:55.584        105.91800 [sec]
GS orbit 73677 EGOI data gap     24-MAY-2009 03:59:04.242 - 24-MAY-2009 04:00:57.959        113.71700 [sec]
MS orbit 73675 EGOI data gap     24-MAY-2009 00:34:04.809 - 24-MAY-2009 00:35:47.672        102.86300 [sec]
MS orbit 73681 EGOI data gap     24-MAY-2009 11:11:53.484 - 24-MAY-2009 11:14:18.613        145.12900 [sec]
MS orbit 73682 EGOI data gap     24-MAY-2009 12:51:59.855 - 24-MAY-2009 12:54:16.211        136.35600 [sec]
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MA orbit 73681 EGOI data gap     24-MAY-2009 11:07:53.205 - 24-MAY-2009 11:08:56.077        62.872000 [sec]
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MI orbit 73676 EGOI data gap     24-MAY-2009 02:15:51.660 - 24-MAY-2009 02:17:45.314        113.65400 [sec]
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MI orbit 73683 EGOI data gap     24-MAY-2009 14:36:13.806 - 24-MAY-2009 14:37:45.332        91.526000 [sec]
MI orbit 73684 EGOI data gap     24-MAY-2009 16:13:18.836 - 24-MAY-2009 16:15:08.419        109.58300 [sec]
MM orbit 73680 EGOI data gap     24-MAY-2009 10:07:58.035 - 24-MAY-2009 10:09:19.721        81.686000 [sec]
MM orbit 73683 EGOI data gap     24-MAY-2009 15:07:24.620 - 24-MAY-2009 15:08:50.024        85.404000 [sec]
MM orbit 73684 EGOI data gap     24-MAY-2009 16:46:42.497 - 24-MAY-2009 16:48:20.619        98.122000 [sec]
MM orbit 73685 EGOI data gap     24-MAY-2009 18:25:50.728 - 24-MAY-2009 18:28:12.101        141.37300 [sec]
MM orbit 73686 EGOI data gap     24-MAY-2009 20:05:06.262 - 24-MAY-2009 20:07:02.195        115.93300 [sec]
MM orbit 73687 EGOI data gap     24-MAY-2009 21:44:52.553 - 24-MAY-2009 21:47:25.299        152.74600 [sec]
MM orbit 73688 EGOI data gap     24-MAY-2009 23:25:30.398 - 24-MAY-2009 23:27:12.401        102.00300 [sec]
```

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BE orbit 73677 EGOI data gap     24-MAY-2009 04:24:50.997 - 24-MAY-2009 04:28:04.135        193.13800 [sec]
BE orbit 73677 EGOI data gap     24-MAY-2009 04:29:58.145 - 24-MAY-2009 04:35:38.348        340.20300 [sec]
SG orbit 73676 EGOI data gap     24-MAY-2009 02:56:04.400 - 24-MAY-2009 02:58:29.077        144.67700 [sec]
SG orbit 73676 EGOI data gap     24-MAY-2009 03:00:15.588 - 24-MAY-2009 03:09:18.750        543.16200 [sec]
SG orbit 73676 EGOI data gap     24-MAY-2009 02:56:04.400 - 24-MAY-2009 02:58:29.077        144.67700 [sec]
SG orbit 73676 EGOI data gap     24-MAY-2009 03:00:15.588 - 24-MAY-2009 03:09:18.750        543.16200 [sec]
SG orbit 73677 EGOI data gap     24-MAY-2009 04:36:30.701 - 24-MAY-2009 04:38:20.701        110.00000 [sec]
SG orbit 73677 EGOI data gap     24-MAY-2009 04:44:49.240 - 24-MAY-2009 04:47:01.987        132.74700 [sec]
SG orbit 73683 EGOI data gap     24-MAY-2009 15:30:28.626 - 24-MAY-2009 15:32:53.166        144.54000 [sec]

instrument info
EGOI
      1 - ATSR/GOME unavailable on 24-MAY-2009 from 11:31:31 to 12:26:55 -
Timeline 1 stopped/activated

       2 - complete solar calibration measurements available
            start time 17:36:29.790, orbit 73685,
            (increase of intensity of PMD readouts during available
            solar calibration measurements data:
         14590 BU ->PMD2 readouts analysed with ERGO.
*******************************************************************************

-------------------------------------------------------------------------------
    GOME Daily Reports Analysis             24 MAY            2009
-------------------------------------------------------------------------------

Station ID                  see above
MPH Product Confidence            OK
SPH Window Information            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              >> North Polar View operations
                                     Timeline GMNNOT41 executed
Polarisation Detectors            OK
FPA Temperatures A                OK
FPA Temperatures B                OK
Charge Amp Temperatures           OK
Other Temperatures A              OK
DDHU Temperatures                 OK
Optical Bench Temperatures        OK
Other Temperatures B              OK
Calibr. Lamp and Instr. Status 3  OK
Scan Mirror Motor Current         >> pattern not repeated due to execution of
                                     timeline GMNNOT4
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
331/318 nm Uncal. Line Ratio      OK
Uncal. PMDs as RGB signal         OK
780 nm Uncal. Intensity           OK
```