

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	22-JUN-2009
Start Time of First Product	21-JUN-2009 00:08:49
Stop Time of Last Product	21-JUN-2009 23:49:47
Number of EGOI Products analysed	35
Number of corrupted products	1
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_090621BEEP0120.E2	21-JUN-2009	04:47:45.976
EGOI_090621GSEP2767.E2	21-JUN-2009	01:03:37.121
EGOI_090621GSEP2799.E2	21-JUN-2009	02:40:25.707
EGOI_090621GSEP2827.E2	21-JUN-2009	04:21:38.320
EGOI_090621GSEP2835.E2	21-JUN-2009	06:03:56.941
EGOI_090621HLEP1434.E2	21-JUN-2009	00:08:48.789
EGOI_090621HLEP1442.E2	21-JUN-2009	01:51:05.910
EGOI_090621HLEP1450.E2	21-JUN-2009	13:58:46.322
EGOI_090621HLEP1459.E2	21-JUN-2009	15:40:16.940

EGOI_090621HLEP1466.E2	21-JUN-2009	23:37:45.334
EGOI_090621KSEP9518.E2	21-JUN-2009	06:22:06.047
EGOI_090621KSEP9548.E2	21-JUN-2009	08:01:57.660
EGOI_090621KSEP9571.E2	21-JUN-2009	09:41:32.762
EGOI_090621KSEP9605.E2	21-JUN-2009	11:21:09.368
EGOI_090621KSEP9624.E2	21-JUN-2009	13:00:20.466
EGOI_090621KSEP9638.E2	21-JUN-2009	14:39:09.068
EGOI_090621KSEP9656.E2	21-JUN-2009	16:16:57.659
EGOI_090621KSEP9687.E2	21-JUN-2009	17:54:56.757
EGOI_090621KSEP9723.E2	21-JUN-2009	19:33:01.848
EGOI_090621KSEP9758.E2	21-JUN-2009	21:13:08.455
EGOI_090621KSEP9787.E2	21-JUN-2009	22:55:51.076
EGOI_090621MAEP0901.E2	21-JUN-2009	09:48:58.309
EGOI_090621MIEP1714.E2	21-JUN-2009	02:37:03.183
EGOI_090621MIEP1743.E2	21-JUN-2009	04:15:42.785
EGOI_090621MIEP1769.E2	21-JUN-2009	14:57:07.678
EGOI_090621MIEP1799.E2	21-JUN-2009	16:35:18.768
EGOI_090621MSEP7565.E2	21-JUN-2009	00:57:25.082
EGOI_090621MSEP7580.E2	21-JUN-2009	09:57:43.360
EGOI_090621MSEP7604.E2	21-JUN-2009	11:34:13.946
EGOI_090621MSEP7628.E2	21-JUN-2009	13:15:01.056
EGOI_090621MSEP7660.E2	21-JUN-2009	22:43:07.502
EGOI_090621SGEP7745.E2	21-JUN-2009	03:18:09.433
EGOI_090621SGEP7755.E2	21-JUN-2009	04:59:43.047
EGOI_090621SGEP7762.E2	21-JUN-2009	14:15:19.420
EGOI_090621SGEP7768.E2	21-JUN-2009	15:52:59.014

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	74079	21-JUN-2009	06:20:27.008	06:22:06.046	99.038000
KS	74080	21-JUN-2009	07:59:32.734	08:01:57.659	144.925000
KS	74081	21-JUN-2009	09:39:09.319	09:41:32.761	143.442000
KS	74082	21-JUN-2009	11:18:42.945	11:21:09.368	146.423000
KS	74083	21-JUN-2009	12:57:55.973	13:00:20.466	144.493000
KS	74084	21-JUN-2009	14:36:40.223	14:39:09.067	148.844000
KS	74085	21-JUN-2009	16:14:20.589	16:16:57.659	157.070000
KS	74086	21-JUN-2009	17:52:14.116	17:54:56.756	162.640000
KS	74087	21-JUN-2009	19:30:50.872	19:33:01.847	130.975000
KS	74088	21-JUN-2009	21:11:13.425	21:13:08.454	115.029000
KS	74089	21-JUN-2009	22:53:56.075	22:55:51.075	115.000000
GS	74076	21-JUN-2009	01:02:03.325	01:03:37.121	93.796000

GS	74077	21-JUN-2009	02:38:34.126	02:40:25.706	111.58000
GS	74078	21-JUN-2009	04:19:45.927	04:21:38.320	112.39300
MS	74082	21-JUN-2009	11:31:39.586	11:34:13.945	154.35900
MS	74083	21-JUN-2009	13:12:35.921	13:15:01.055	145.13400
MS	74089	21-JUN-2009	22:41:05.867	22:43:07.501	121.63400
MA	74081	21-JUN-2009	09:47:12.106	09:48:58.308	106.20200
MI	74077	21-JUN-2009	02:34:44.137	02:37:03.183	139.04600
MI	74078	21-JUN-2009	04:13:37.845	04:15:42.784	124.93900
MI	74084	21-JUN-2009	14:54:58.633	14:57:07.678	129.04500
MI	74085	21-JUN-2009	16:33:21.958	16:35:18.768	116.81000
BE	74078	21-JUN-2009	04:45:15.028	04:47:45.975	150.94700
SG	74077	21-JUN-2009	03:15:37.138	03:18:09.432	152.29400
SG	74078	21-JUN-2009	04:57:53.715	04:59:43.046	109.33100
SG	74083	21-JUN-2009	14:13:23.180	14:15:19.420	116.24000
SG	74084	21-JUN-2009	15:50:29.280	15:52:59.013	149.73300

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	74075	21-JUN-2009	00:17:40.128	00:28:53.723	673.59500
MM	74076	21-JUN-2009	01:59:54.550	02:09:10.282	555.73200
BE	74077	21-JUN-2009	03:04:32.961	03:17:57.849	804.88800
MM	74077	21-JUN-2009	03:42:55.684	03:49:50.687	415.00300
CM	74077	21-JUN-2009	02:37:11.043	02:41:41.273	270.23000
CM	74077	21-JUN-2009	04:11:58.375	04:24:21.797	743.42200
MM	74078	21-JUN-2009	05:25:41.635	05:31:28.375	346.74000
MM	74079	21-JUN-2009	07:07:09.426	07:14:21.173	431.74700
JO	74079	21-JUN-2009	06:47:35.881	06:58:19.701	643.82000
MM	74080	21-JUN-2009	08:47:45.398	08:57:18.502	573.10400
MA	74080	21-JUN-2009	08:09:14.886	08:19:15.546	600.66000
JO	74080	21-JUN-2009	08:24:11.517	08:39:11.026	899.50900
MM	74081	21-JUN-2009	10:27:59.721	10:39:24.875	685.15400
JO	74081	21-JUN-2009	10:08:17.577	10:14:45.646	388.06900
MM	74082	21-JUN-2009	12:08:00.225	12:20:26.507	746.28200
MA	74082	21-JUN-2009	11:28:24.911	11:36:24.447	479.53600
MM	74083	21-JUN-2009	13:47:46.747	14:00:30.604	763.85700

BE	74084	21-JUN-2009	14:21:13.261	14:34:34.141	800.88000
MM	74084	21-JUN-2009	15:27:17.416	15:39:55.396	757.98000
GS	74084	21-JUN-2009	14:48:22.350	15:00:39.882	737.53200
CM	74084	21-JUN-2009	15:00:41.797	15:04:38.457	236.66000
BE	74085	21-JUN-2009	16:05:11.996	16:11:05.737	353.74100
MM	74085	21-JUN-2009	17:06:32.527	17:19:04.113	751.58600
GS	74085	21-JUN-2009	16:27:22.180	16:41:01.777	819.59700
CM	74085	21-JUN-2009	16:35:57.337	16:48:19.045	741.70800
MM	74086	21-JUN-2009	18:45:40.532	18:58:16.893	756.36100
GS	74086	21-JUN-2009	18:08:09.437	18:16:43.415	513.97800
JO	74086	21-JUN-2009	19:07:49.975	19:16:08.743	498.76800
MM	74087	21-JUN-2009	20:25:00.303	20:37:44.201	763.89800
MA	74087	21-JUN-2009	19:27:03.328	19:36:24.601	561.27300
JO	74087	21-JUN-2009	20:44:14.168	20:59:15.807	901.63900
MM	74088	21-JUN-2009	22:04:55.455	22:17:27.857	752.40200
MA	74088	21-JUN-2009	21:03:00.739	21:16:26.903	806.16400
JO	74088	21-JUN-2009	22:25:28.734	22:35:15.631	586.89700
MM	74089	21-JUN-2009	23:45:45.440	23:57:25.889	700.44900

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1.5 - List of corrupted products

Station	Orbit	Time
MI	74084	14:57:19.

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

PLOTS NA

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	19:36:25.860	--	74087	Y	--	14315

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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