

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	14-JUN-2011
Start Time of First Product	00:23:47
Stop Time of Last Product	22:33:52
Number of EGOI Products analysed	34
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath performed as planned, stop orbit: 84436

1.2 - List of received products

Name	Date	Time
EGOI_110614CMPEP7333.E2	14-JUN-2011	03:42:01.934
EGOI_110614CMPEP7340.E2	14-JUN-2011	05:23:26.559
EGOI_110614CMPEP7348.E2	14-JUN-2011	16:04:58.977
EGOI_110614CMPEP7358.E2	14-JUN-2011	17:45:58.092
EGOI_110614GSEP4375.E2	14-JUN-2011	00:34:03.784
EGOI_110614GSEP4396.E2	14-JUN-2011	02:09:22.371
EGOI_110614GSEP4423.E2	14-JUN-2011	03:48:49.981
EGOI_110614GSEP4432.E2	14-JUN-2011	05:31:23.604
EGOI_110614KSEP7419.E2	14-JUN-2011	07:29:34.830

EGOI_110614KSEP7439.E2	14-JUN-2011	09:09:23.435
EGOI_110614KSEP7460.E2	14-JUN-2011	10:49:00.045
EGOI_110614KSEP7487.E2	14-JUN-2011	12:28:09.651
EGOI_110614KSEP7502.E2	14-JUN-2011	14:07:01.257
EGOI_110614KSEP7523.E2	14-JUN-2011	15:45:04.856
EGOI_110614KSEP7536.E2	14-JUN-2011	17:22:44.450
EGOI_110614KSEP7566.E2	14-JUN-2011	19:00:15.053
EGOI_110614KSEP7575.E2	14-JUN-2011	20:39:35.159
EGOI_110614KSEP7593.E2	14-JUN-2011	22:21:22.277
EGOI_110614MAEP9243.E2	14-JUN-2011	09:16:53.483
EGOI_110614MAEP9260.E2	14-JUN-2011	10:56:30.091
EGOI_110614MAEP9274.E2	14-JUN-2011	20:33:24.614
EGOI_110614MAEP9290.E2	14-JUN-2011	22:13:26.730
EGOI_110614MIEP5180.E2	14-JUN-2011	02:07:08.856
EGOI_110614MIEP5202.E2	14-JUN-2011	03:43:57.445
EGOI_110614MIEP5222.E2	14-JUN-2011	14:26:50.874
EGOI_110614MIEP5248.E2	14-JUN-2011	16:03:22.965
EGOI_110614MIEP5272.E2	14-JUN-2011	17:44:32.584
EGOI_110614MSEP1202.E2	14-JUN-2011	00:23:47.222
EGOI_110614MSEP1227.E2	14-JUN-2011	11:02:12.124
EGOI_110614MSEP1254.E2	14-JUN-2011	12:41:33.734
EGOI_110614MSEP1278.E2	14-JUN-2011	22:11:05.714
EGOI_110614SGEP3866.E2	14-JUN-2011	02:46:51.098
EGOI_110614SGEP3874.E2	14-JUN-2011	04:26:06.703
EGOI_110614SGEP3882.E2	14-JUN-2011	17:03:08.333

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	84429	14-JUN-2011	07:41:16.900	07:48:10.535	413.63500
KS	84430	14-JUN-2011	09:23:38.519	09:30:04.000	385.48100
KS	84431	14-JUN-2011	11:03:21.129	11:09:51.272	390.14300
KS	84432	14-JUN-2011	12:41:45.732	12:48:11.221	385.48900
KS	84433	14-JUN-2011	14:18:56.827	14:25:53.635	416.80800
KS	84434	14-JUN-2011	15:56:55.926	16:03:55.714	419.78800
KS	84435	14-JUN-2011	17:35:43.027	17:42:43.350	420.32300
KS	84436	14-JUN-2011	19:14:55.638	19:22:04.834	429.19600
KS	84437	14-JUN-2011	20:54:24.743	21:01:41.305	436.56200
KS	84438	14-JUN-2011	22:33:53.855	22:41:14.268	440.41300
GS	84425	14-JUN-2011	00:42:39.837	00:48:39.815	359.97800
GS	84426	14-JUN-2011	02:23:35.955	02:29:37.767	361.81200

GS	84427	14-JUN-2011	04:02:48.562	04:08:45.843	357.28100
MS	84425	14-JUN-2011	00:35:03.791	00:40:51.000	347.20900
MS	84431	14-JUN-2011	11:14:46.701	11:21:56.736	430.03500
MS	84432	14-JUN-2011	12:53:26.304	13:00:04.427	398.12300
MS	84438	14-JUN-2011	22:22:52.283	22:31:03.116	490.83300
MS	84439	15-JUN-2011	00:02:45.397	00:10:28.142	462.74500
MA	84430	14-JUN-2011	09:30:55.068	09:38:05.186	430.11800
MA	84431	14-JUN-2011	11:08:13.661	11:14:41.948	388.28700
MA	84437	14-JUN-2011	20:46:12.695	20:53:45.586	452.89100
MA	84438	14-JUN-2011	22:24:26.799	22:31:48.061	441.26200
MI	84426	14-JUN-2011	02:16:40.414	02:23:00.786	380.37200
MI	84427	14-JUN-2011	03:57:32.029	04:03:33.321	361.29200
MI	84434	14-JUN-2011	16:16:47.046	16:23:46.400	419.35400
SG	84426	14-JUN-2011	02:59:54.176	03:06:25.058	390.88200
SG	84427	14-JUN-2011	04:38:26.276	04:44:22.065	355.78900
CM	84426	14-JUN-2011	03:55:11.016	04:01:38.358	387.34200
CM	84428	14-JUN-2011	05:32:19.108	05:37:52.293	333.18500
CM	84434	14-JUN-2011	16:18:09.555	16:25:37.213	447.65800

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	84424	13-JUN-2011	23:54:26.980	00:06:00.624	693.64400
HO	84425	14-JUN-2011	01:24:35.967	01:36:51.815	735.84800
MM	84425	14-JUN-2011	01:36:27.092	01:46:13.556	586.46400
BE	84426	14-JUN-2011	02:41:53.108	02:55:09.470	796.36200
MM	84426	14-JUN-2011	03:19:21.111	03:26:46.711	445.60000
CM	84426	14-JUN-2011	03:49:22.531	04:01:38.358	735.82700
BE	84427	14-JUN-2011	04:21:57.055	04:32:55.761	658.70600
MM	84427	14-JUN-2011	05:02:18.266	05:08:07.095	348.82900
MM	84428	14-JUN-2011	06:44:04.232	06:50:46.740	402.50800
KS	84428	14-JUN-2011	05:58:10.512	06:02:58.018	287.50600
JO	84428	14-JUN-2011	06:26:57.001	06:34:15.822	438.82100
MM	84429	14-JUN-2011	08:24:48.259	08:33:49.881	541.62200
JO	84429	14-JUN-2011	08:01:32.547	08:16:28.825	896.27800
MM	84430	14-JUN-2011	10:05:06.325	10:16:10.216	663.89100

JO	84430	14-JUN-2011	09:43:15.597	09:53:58.614	643.01700
HO	84431	14-JUN-2011	11:54:36.307	12:07:41.223	784.91600
MM	84431	14-JUN-2011	11:45:09.858	11:57:26.541	736.68300
HO	84432	14-JUN-2011	13:33:31.640	13:48:11.182	879.54200
MM	84432	14-JUN-2011	13:24:59.729	13:37:42.484	762.75500
BE	84433	14-JUN-2011	13:58:29.209	14:11:52.267	803.05800
HO	84433	14-JUN-2011	15:14:42.021	15:22:49.047	487.02600
MM	84433	14-JUN-2011	15:04:34.169	15:17:14.290	760.12100
GS	84433	14-JUN-2011	14:26:08.556	14:36:54.932	646.37600
SG	84433	14-JUN-2011	15:27:38.353	15:41:31.417	833.06400
BE	84434	14-JUN-2011	15:40:21.419	15:49:50.677	569.25800
MM	84434	14-JUN-2011	16:43:52.464	16:56:24.641	752.17700
GS	84434	14-JUN-2011	16:04:34.889	16:18:29.909	835.02000
MM	84435	14-JUN-2011	18:23:00.785	18:35:35.198	754.41300
GS	84435	14-JUN-2011	17:44:53.903	17:55:20.339	626.43600
MM	84436	14-JUN-2011	20:02:15.793	20:14:58.767	762.97400
MA	84436	14-JUN-2011	19:05:58.019	19:12:57.326	419.30700
JO	84436	14-JUN-2011	20:21:39.430	20:36:24.914	885.48400
MM	84437	14-JUN-2011	21:42:00.886	21:54:38.818	757.93200
JO	84437	14-JUN-2011	22:01:51.688	22:14:02.754	731.06600
HO	84438	14-JUN-2011	23:12:57.425	23:26:55.896	838.47100
MM	84438	14-JUN-2011	23:22:37.037	23:34:33.742	716.70500

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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 explanation 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	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	17:22:45.949	--	84432	Yes	--	14290

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(Q)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility	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	End Orbit	Ground Station Visibility
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	End Orbit	MPS Resumption	Ground Station Visibility
--	--	--	--	--	--

4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
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5 - Instrument Operations

[Additional Info](#)

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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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
19:00	--	88443	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit

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(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors