

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	31-OCT-2010
Start Time of First Product	00:35:53
Stop Time of Last Product	22:37:05
Number of EGOI Products analysed	38
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_101031CMEP1289.E2	31-OCT-2010	03:56:19.586
EGOI_101031CMEP1296.E2	31-OCT-2010	05:36:05.201
EGOI_101031CMEP1301.E2	31-OCT-2010	16:18:04.653
EGOI_101031CMEP1313.E2	31-OCT-2010	17:59:27.783
EGOI_101031GSEP8367.E2	31-OCT-2010	02:20:42.999
EGOI_101031GSEP8373.E2	31-OCT-2010	04:01:03.117
EGOI_101031GSEP8401.E2	31-OCT-2010	05:56:00.818
EGOI_101031HLEP8306.E2	31-OCT-2010	21:46:54.684
EGOI_101031HLEP8312.E2	31-OCT-2010	23:18:07.244

EGOI_101031KSEP6388.E2	31-OCT-2010	07:41:37.468
EGOI_101031KSEP6409.E2	31-OCT-2010	09:21:39.582
EGOI_101031KSEP6434.E2	31-OCT-2010	11:01:17.701
EGOI_101031KSEP6463.E2	31-OCT-2010	12:40:34.808
EGOI_101031KSEP6477.E2	31-OCT-2010	14:19:29.423
EGOI_101031KSEP6492.E2	31-OCT-2010	15:57:16.522
EGOI_101031KSEP6519.E2	31-OCT-2010	17:35:12.625
EGOI_101031KSEP6551.E2	31-OCT-2010	19:13:01.232
EGOI_101031KSEP6577.E2	31-OCT-2010	20:52:55.847
EGOI_101031KSEP6605.E2	31-OCT-2010	22:35:00.973
EGOI_101031MAEP9072.E2	31-OCT-2010	09:29:23.134
EGOI_101031MAEP9081.E2	31-OCT-2010	11:08:55.245
EGOI_101031MAEP9099.E2	31-OCT-2010	20:46:07.813
EGOI_101031MAEP9116.E2	31-OCT-2010	22:27:14.434
EGOI_101031MIEP4731.E2	31-OCT-2010	16:15:36.141
EGOI_101031MMEP7743.E2	31-OCT-2010	01:40:41.243
EGOI_101031MMEP7750.E2	31-OCT-2010	03:23:17.879
EGOI_101031MMEP7760.E2	31-OCT-2010	08:31:58.778
EGOI_101031MMEP7766.E2	31-OCT-2010	10:09:26.381
EGOI_101031MMEP7774.E2	31-OCT-2010	11:49:47.996
EGOI_101031MMEP7781.E2	31-OCT-2010	13:29:20.114
EGOI_101031MSEP4782.E2	31-OCT-2010	00:35:52.852
EGOI_101031MSEP4802.E2	31-OCT-2010	11:14:22.276
EGOI_101031MSEP4827.E2	31-OCT-2010	12:54:21.399
EGOI_101031MSEP4856.E2	31-OCT-2010	22:23:42.911
EGOI_101031SGEP9040.E2	31-OCT-2010	02:58:37.226
EGOI_101031SGEP9048.E2	31-OCT-2010	04:38:19.841
EGOI_101031SGEP9055.E2	31-OCT-2010	13:57:00.787
EGOI_101031SGEP9061.E2	31-OCT-2010	15:32:59.879

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81194	31-OCT-2010	07:39:39.030	07:41:37.468	118.43800
KS	81195	31-OCT-2010	09:19:13.655	09:21:39.581	145.92600
KS	81196	31-OCT-2010	10:58:49.288	11:01:17.701	148.41300
KS	81197	31-OCT-2010	12:38:07.945	12:40:34.807	146.86200
KS	81198	31-OCT-2010	14:16:58.794	14:19:29.422	150.62800
GS	81192	31-OCT-2010	03:59:04.244	04:01:03.116	118.87200
MS	81190	31-OCT-2010	00:34:04.811	00:35:52.851	108.04000
MS	81196	31-OCT-2010	11:11:53.487	11:14:22.275	148.78800
MS	81197	31-OCT-2010	12:51:59.857	12:54:21.398	141.54100

MS	81203	31-OCT-2010	22:21:42.517	22:23:42.911	120.39400
MA	81195	31-OCT-2010	09:27:21.836	09:29:23.133	121.29700
MA	81196	31-OCT-2010	11:07:53.208	11:08:55.244	62.036000
MA	81202	31-OCT-2010	20:42:54.085	20:46:07.812	193.72700
MI	81199	31-OCT-2010	16:13:18.838	16:15:36.140	137.30200
MM	81190	31-OCT-2010	01:39:22.867	01:40:41.242	78.375000
MM	81194	31-OCT-2010	08:27:40.463	08:31:58.778	258.31500
MM	81195	31-OCT-2010	10:07:58.037	10:09:26.381	88.344000
MM	81196	31-OCT-2010	11:48:01.192	11:49:47.995	106.80300
MM	81197	31-OCT-2010	13:27:50.651	13:29:20.114	89.463000
SG	81191	31-OCT-2010	02:56:04.402	02:58:37.225	152.82300
SG	81192	31-OCT-2010	04:36:30.703	04:38:19.840	109.13700
SG	81198	31-OCT-2010	15:30:28.628	15:32:59.878	151.25000
CM	81199	31-OCT-2010	16:16:07.374	16:18:04.652	117.27800
CM	81200	31-OCT-2010	17:58:21.429	17:59:27.783	66.354000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81189	30-OCT-2010	23:46:41.148	00:01:06.909	865.76100
MM	81189	30-OCT-2010	23:57:20.933	00:08:52.223	691.29000
HO	81190	31-OCT-2010	01:27:36.483	01:39:37.589	721.10600
GS	81190	31-OCT-2010	00:43:25.574	00:51:35.804	490.23000
BE	81191	31-OCT-2010	02:44:42.661	02:58:01.418	798.75700
MI	81191	31-OCT-2010	02:15:51.662	02:25:58.085	606.42300
CM	81191	31-OCT-2010	03:52:10.773	04:04:29.724	738.95100
BE	81192	31-OCT-2010	04:24:50.999	04:35:38.350	647.35100
MM	81192	31-OCT-2010	05:05:13.937	05:11:01.993	348.05600
MI	81192	31-OCT-2010	03:53:18.518	04:06:21.639	783.12100
MM	81193	31-OCT-2010	06:46:57.543	06:53:43.505	405.96200
KS	81193	31-OCT-2010	06:00:56.057	06:06:04.013	307.95600
JO	81193	31-OCT-2010	06:29:27.687	06:37:19.849	472.16200
JO	81194	31-OCT-2010	08:04:21.442	08:19:19.693	898.25100
JO	81195	31-OCT-2010	09:46:18.586	09:56:38.898	620.31200
HO	81196	31-OCT-2010	11:57:24.819	12:10:38.137	793.31800
HO	81197	31-OCT-2010	13:36:22.915	13:50:57.622	874.70700

BE	81198	31-OCT-2010	14:01:18.842	14:14:42.898	804.05600
HO	81198	31-OCT-2010	15:17:38.212	15:25:29.831	471.61900
MM	81198	31-OCT-2010	15:07:24.622	15:20:04.483	759.86100
MI	81198	31-OCT-2010	14:36:13.808	14:44:29.670	495.86200
GS	81198	31-OCT-2010	14:28:54.357	14:39:54.515	660.15800
BE	81199	31-OCT-2010	15:43:23.804	15:52:33.440	549.63600
MM	81199	31-OCT-2010	16:46:42.499	16:59:14.566	752.06700
KS	81199	31-OCT-2010	15:54:48.261	16:06:44.438	716.17700
GS	81199	31-OCT-2010	16:07:25.546	16:21:19.628	834.08200
MM	81200	31-OCT-2010	18:25:50.730	18:38:25.368	754.63800
MI	81200	31-OCT-2010	17:57:47.009	17:58:53.167	66.158000
KS	81200	31-OCT-2010	17:32:42.985	17:45:33.303	770.31800
GS	81200	31-OCT-2010	17:47:47.677	17:58:01.923	614.24600
MM	81201	31-OCT-2010	20:05:06.264	20:17:49.396	763.13200
MA	81201	31-OCT-2010	19:08:33.314	19:15:54.622	441.30800
KS	81201	31-OCT-2010	19:10:59.561	19:24:55.463	835.90200
JO	81201	31-OCT-2010	20:24:28.115	20:39:17.290	889.17500
MM	81202	31-OCT-2010	21:44:52.555	21:57:29.906	757.35100
KS	81202	31-OCT-2010	20:50:59.152	21:04:32.113	812.96100
JO	81202	31-OCT-2010	22:04:47.372	22:16:43.867	716.49500
HO	81203	31-OCT-2010	23:15:43.075	23:29:47.271	844.19600
MM	81203	31-OCT-2010	23:25:30.401	23:37:25.224	714.82300
KS	81203	31-OCT-2010	22:33:09.669	22:44:04.580	654.91100

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1.5 - List of corrupted products

Station	Orbit	Time
SG	81192	04:39:03.34

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	Polar View operated
Polarization 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
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

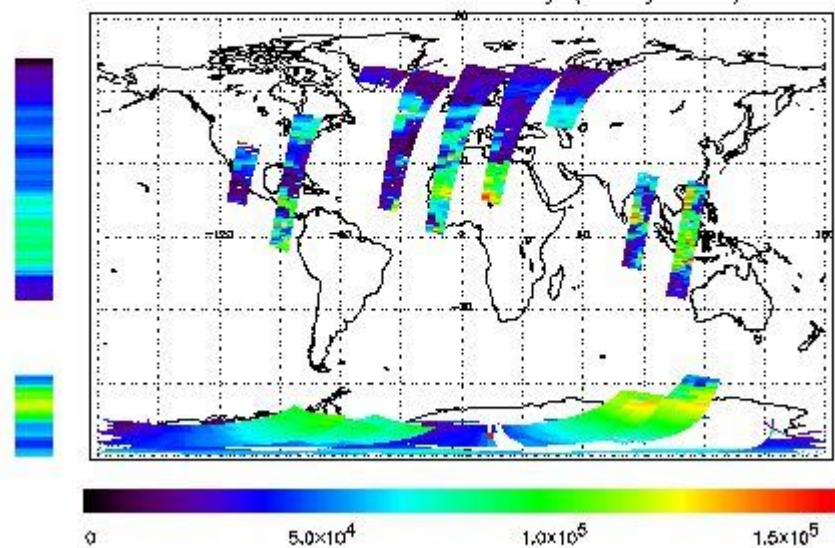
2.2 - Daily Plots

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

First Product : 31-OCT-2010 00:35:52.852 : ORBIT : 81190.0278
 Last Product : 31-OCT-2010 22:37:05.492 : ORBIT : 81203.1613
 Total Products Processed : 13965 Day : 304 Page : 21

778 nm Uncalibrated Intensity (Binary Units)



(1)

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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
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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
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5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
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5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
01:00 05-Sep	12:00 31-Oct	80388	81197

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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