

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	18-OCT-2010
Start Time of First Product	00:45:01
Stop Time of Last Product	22:55:41
Number of EGOI Products analysed	44
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_101018CMEP0943.E2	18-OCT-2010	04:04:56.665
EGOI_101018CMEP0947.E2	18-OCT-2010	16:25:55.226
EGOI_101018CMEP0958.E2	18-OCT-2010	18:08:09.352
EGOI_101018GSEP7369.E2	18-OCT-2010	00:53:08.990
EGOI_101018GSEP7399.E2	18-OCT-2010	02:29:53.081
EGOI_101018GSEP7424.E2	18-OCT-2010	04:09:46.196
EGOI_101018GSEP7431.E2	18-OCT-2010	05:54:00.334
EGOI_101018KSEP3058.E2	18-OCT-2010	06:10:40.940
EGOI_101018KSEP3077.E2	18-OCT-2010	07:50:31.057

EGOI_101018KSEP3098.E2	18-OCT-2010	09:30:07.667
EGOI_101018KSEP3129.E2	18-OCT-2010	11:09:45.778
EGOI_101018KSEP3158.E2	18-OCT-2010	12:48:59.890
EGOI_101018KSEP3178.E2	18-OCT-2010	14:27:52.997
EGOI_101018KSEP3205.E2	18-OCT-2010	16:05:37.104
EGOI_101018KSEP3234.E2	18-OCT-2010	17:43:33.199
EGOI_101018KSEP3266.E2	18-OCT-2010	19:21:27.807
EGOI_101018KSEP3292.E2	18-OCT-2010	21:01:31.423
EGOI_101018KSEP3319.E2	18-OCT-2010	22:44:00.554
EGOI_101018MAEP8523.E2	18-OCT-2010	07:59:53.606
EGOI_101018MAEP8535.E2	18-OCT-2010	09:37:51.211
EGOI_101018MAEP8551.E2	18-OCT-2010	11:17:30.829
EGOI_101018MAEP8570.E2	18-OCT-2010	20:53:58.375
EGOI_101018MAEP8585.E2	18-OCT-2010	22:36:21.507
EGOI_101018MIEP3702.E2	18-OCT-2010	02:26:05.058
EGOI_101018MIEP3723.E2	18-OCT-2010	04:04:56.665
EGOI_101018MIEP3743.E2	18-OCT-2010	14:46:20.115
EGOI_101018MIEP3762.E2	18-OCT-2010	16:24:08.714
EGOI_101018MMEP6922.E2	18-OCT-2010	05:14:36.095
EGOI_101018MMEP6931.E2	18-OCT-2010	06:56:27.720
EGOI_101018MMEP6939.E2	18-OCT-2010	08:37:28.339
EGOI_101018MMEP6946.E2	18-OCT-2010	10:17:55.957
EGOI_101018MMEP6954.E2	18-OCT-2010	11:58:25.081
EGOI_101018MMEP6961.E2	18-OCT-2010	13:37:48.188
EGOI_101018MMEP6970.E2	18-OCT-2010	15:17:18.803
EGOI_101018MMEP6975.E2	18-OCT-2010	16:56:53.917
EGOI_101018MMEP6984.E2	18-OCT-2010	20:15:32.637
EGOI_101018MMEP6994.E2	18-OCT-2010	21:55:51.256
EGOI_101018MSEP3335.E2	18-OCT-2010	00:45:01.439
EGOI_101018MSEP3351.E2	18-OCT-2010	11:22:50.361
EGOI_101018MSEP3376.E2	18-OCT-2010	13:03:11.976
EGOI_101018MSEP3406.E2	18-OCT-2010	22:31:54.479
EGOI_101018SGEP8757.E2	18-OCT-2010	03:07:08.308
EGOI_101018SGEP8764.E2	18-OCT-2010	04:47:22.427
EGOI_101018SGEP8771.E2	18-OCT-2010	14:04:58.856

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81007	18-OCT-2010	06:09:15.843	06:10:40.940	85.097000
KS	81008	18-OCT-2010	07:48:10.487	07:50:31.057	140.57000
KS	81009	18-OCT-2010	09:27:46.092	09:30:07.666	141.57400
KS	81010	18-OCT-2010	11:07:20.946	11:09:45.777	144.83100

KS	81011	18-OCT-2010	12:46:37.288	12:48:59.889	142.60100
KS	81012	18-OCT-2010	14:25:25.330	14:27:52.997	147.66700
KS	81013	18-OCT-2010	16:03:10.634	16:05:37.104	146.47000
KS	81014	18-OCT-2010	17:41:05.864	17:43:33.198	147.33400
KS	81015	18-OCT-2010	19:19:29.652	19:21:27.807	118.15500
KS	81016	18-OCT-2010	20:59:38.903	21:01:31.423	112.52000
KS	81017	18-OCT-2010	22:42:02.863	22:44:00.554	117.69100
GS	81004	18-OCT-2010	00:51:22.215	00:53:08.990	106.77500
GS	81005	18-OCT-2010	02:28:06.784	02:29:53.081	106.29700
GS	81006	18-OCT-2010	04:07:54.216	04:09:46.195	111.97900
MS	81004	18-OCT-2010	00:43:20.776	00:45:01.439	100.66300
MS	81010	18-OCT-2010	11:20:20.142	11:22:50.361	150.21900
MS	81011	18-OCT-2010	13:00:48.428	13:03:11.976	143.54800
MS	81017	18-OCT-2010	22:29:59.132	22:31:54.478	115.34600
MA	81009	18-OCT-2010	09:35:51.191	09:37:51.211	120.02000
MA	81016	18-OCT-2010	20:51:24.563	20:53:58.375	153.81200
MI	81005	18-OCT-2010	02:23:53.902	02:26:05.058	131.15600
MI	81006	18-OCT-2010	04:01:58.830	04:04:56.665	177.83500
MI	81012	18-OCT-2010	14:44:10.848	14:46:20.114	129.26600
MI	81013	18-OCT-2010	16:21:53.210	16:24:08.713	135.50300
MM	81008	18-OCT-2010	08:36:16.970	08:37:28.338	71.368000
MM	81009	18-OCT-2010	10:16:33.112	10:17:55.957	82.845000
MM	81010	18-OCT-2010	11:56:35.131	11:58:25.081	109.95000
MM	81011	18-OCT-2010	13:36:23.342	13:37:48.188	84.846000
MM	81012	18-OCT-2010	15:15:55.901	15:17:18.802	82.901000
MM	81013	18-OCT-2010	16:55:12.556	16:56:53.917	101.36100
MM	81015	18-OCT-2010	20:13:37.833	20:15:32.636	114.80300
MM	81016	18-OCT-2010	21:53:27.821	21:55:51.256	143.43500
SG	81005	18-OCT-2010	03:04:24.981	03:07:08.308	163.32700
SG	81005	18-OCT-2010	03:15:23.357	03:17:57.737	154.38000
SG	81006	18-OCT-2010	04:45:33.365	04:47:22.426	109.06100
SG	81011	18-OCT-2010	14:03:05.243	14:04:58.855	113.61200
CM	81013	18-OCT-2010	16:24:35.740	16:25:55.226	79.486000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81003	17-OCT-2010	23:55:08.670	00:09:38.962	870.29200
MM	81003	18-OCT-2010	00:06:03.120	00:17:27.087	683.96700
HO	81004	18-OCT-2010	01:36:27.765	01:47:54.312	686.54700
MM	81004	18-OCT-2010	01:48:10.468	01:57:41.789	571.32100
BE	81005	18-OCT-2010	02:53:12.077	03:06:35.700	803.62300
MM	81005	18-OCT-2010	03:31:08.407	03:38:18.376	429.96900
CM	81005	18-OCT-2010	04:00:37.638	04:13:02.218	744.58000
BE	81006	18-OCT-2010	04:33:34.076	04:43:43.943	609.86700
JO	81007	18-OCT-2010	06:37:08.203	06:46:24.583	556.38000
JO	81008	18-OCT-2010	08:12:49.803	08:27:51.291	901.48800
JO	81009	18-OCT-2010	09:55:33.883	10:04:34.026	540.14300
SG	81011	18-OCT-2010	14:03:05.243	14:10:40.585	455.34200
BE	81012	18-OCT-2010	14:09:49.230	14:23:14.127	804.89700
GS	81012	18-OCT-2010	14:37:13.497	14:48:09.176	655.67900
BE	81013	18-OCT-2010	15:52:36.330	16:00:37.298	480.96800
GS	81013	18-OCT-2010	16:15:57.959	16:29:47.523	829.56400
MM	81014	18-OCT-2010	18:34:20.603	18:46:55.951	755.34800
GS	81014	18-OCT-2010	17:56:30.024	18:06:04.745	574.72100
MA	81015	18-OCT-2010	19:16:24.882	19:24:43.809	498.92700
JO	81015	18-OCT-2010	20:32:55.331	20:47:52.656	897.32500
HO	81016	18-OCT-2010	21:48:52.717	21:57:36.764	524.04700
HO	81017	18-OCT-2010	23:24:07.232	23:38:20.656	853.42400
MM	81017	18-OCT-2010	23:34:10.812	23:45:59.732	708.92000

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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	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

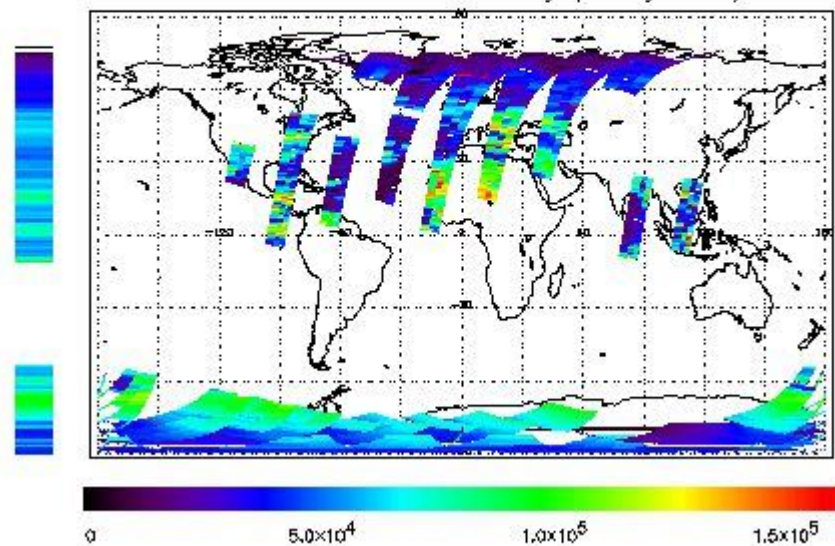
2.2 - Daily Plots

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 : 18-OCT-2010 00:46:01.439 : ORBIT : 81004.0330
 Last Product : 18-OCT-2010 22:55:41.124 : ORBIT : 81017.2604
 Total Products Processed : 20538 Day : 291 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	--	80388	--

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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