

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	25-SEP-2010
Start Time of First Product	00:30:32.217
Stop Time of Last Product	23:18:19.620
Number of EGOI Products analysed	39
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_100925GSEP5725.E2	25-SEP-2010	01:14:29.487
EGOI_100925GSEP5757.E2	25-SEP-2010	02:51:52.586
EGOI_100925GSEP5781.E2	25-SEP-2010	04:33:26.213
EGOI_100925GSEP5788.E2	25-SEP-2010	06:15:29.836
EGOI_100925KSEP8248.E2	25-SEP-2010	06:33:11.945
EGOI_100925KSEP8267.E2	25-SEP-2010	08:13:09.565
EGOI_100925KSEP8286.E2	25-SEP-2010	09:52:47.669
EGOI_100925KSEP8307.E2	25-SEP-2010	11:32:25.788
EGOI_100925KSEP8336.E2	25-SEP-2010	13:11:29.390

EGOI_100925KSEP8347.E2	25-SEP-2010	14:50:15.001
EGOI_100925KSEP8374.E2	25-SEP-2010	16:27:54.601
EGOI_100925KSEP8404.E2	25-SEP-2010	18:05:55.206
EGOI_100925KSEP8429.E2	25-SEP-2010	19:44:04.805
EGOI_100925KSEP8451.E2	25-SEP-2010	21:24:36.923
EGOI_100925KSEP8475.E2	25-SEP-2010	23:07:22.554
EGOI_100925MAEP7497.E2	25-SEP-2010	08:21:27.614
EGOI_100925MAEP7507.E2	25-SEP-2010	10:00:16.219
EGOI_100925MAEP7524.E2	25-SEP-2010	21:17:00.877
EGOI_100925MIEP1655.E2	25-SEP-2010	02:47:49.562
EGOI_100925MIEP1672.E2	25-SEP-2010	04:27:29.177
EGOI_100925MIEP1690.E2	25-SEP-2010	15:08:00.111
EGOI_100925MIEP1708.E2	25-SEP-2010	16:46:59.221
EGOI_100925MMEP5512.E2	25-SEP-2010	00:30:32.217
EGOI_100925MMEP5520.E2	25-SEP-2010	02:12:38.839
EGOI_100925MMEP5527.E2	25-SEP-2010	03:55:31.978
EGOI_100925MMEP5534.E2	25-SEP-2010	05:37:50.608
EGOI_100925MMEP5544.E2	25-SEP-2010	10:40:43.467
EGOI_100925MMEP5554.E2	25-SEP-2010	15:39:55.808
EGOI_100925MMEP5561.E2	25-SEP-2010	17:20:02.424
EGOI_100925MMEP5569.E2	25-SEP-2010	18:59:04.535
EGOI_100925MSEP0741.E2	25-SEP-2010	10:08:10.264
EGOI_100925MSEP0770.E2	25-SEP-2010	11:45:22.863
EGOI_100925MSEP0793.E2	25-SEP-2010	13:26:47.486
EGOI_100925MSEP0807.E2	25-SEP-2010	21:19:41.392
EGOI_100925MSEP0838.E2	25-SEP-2010	22:54:10.476
EGOI_100925SGEP8359.E2	25-SEP-2010	01:54:41.730
EGOI_100925SGEP8366.E2	25-SEP-2010	03:30:00.321
EGOI_100925SGEP8372.E2	25-SEP-2010	14:25:58.349
EGOI_100925SGEP8380.E2	25-SEP-2010	16:04:36.456

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	80678	25-SEP-2010	06:31:41.553	06:33:11.944	90.391000
KS	80679	25-SEP-2010	08:10:55.270	08:13:09.565	134.29500
KS	80680	25-SEP-2010	09:50:32.505	09:52:47.669	135.16400
KS	80681	25-SEP-2010	11:30:04.684	11:32:25.787	141.10300
KS	80682	25-SEP-2010	13:09:14.134	13:11:29.390	135.25600
KS	80683	25-SEP-2010	14:47:54.579	14:50:15.001	140.42200
KS	80684	25-SEP-2010	16:25:34.474	16:27:54.601	140.12700
KS	80685	25-SEP-2010	18:03:21.504	18:05:55.205	153.70100

KS	80686	25-SEP-2010	19:42:13.409	19:44:04.804	111.39500
KS	80687	25-SEP-2010	21:22:49.748	21:24:36.922	107.17400
KS	80688	25-SEP-2010	23:05:52.107	23:07:22.554	90.447000
GS	80675	25-SEP-2010	01:12:49.777	01:14:29.486	99.709000
GS	80676	25-SEP-2010	02:49:53.103	02:51:52.586	119.48300
GS	80677	25-SEP-2010	04:31:44.540	04:33:26.212	101.67200
MS	80680	25-SEP-2010	10:06:04.973	10:08:10.264	125.29100
MS	80681	25-SEP-2010	11:43:00.115	11:45:22.863	142.74800
MS	80682	25-SEP-2010	13:24:37.358	13:26:47.486	130.12800
MS	80688	25-SEP-2010	22:52:17.542	22:54:10.475	112.93300
MA	80679	25-SEP-2010	08:20:07.087	08:21:27.614	80.527000
MA	80680	25-SEP-2010	09:58:34.950	10:00:16.219	101.26900
MA	80687	25-SEP-2010	21:14:32.647	21:17:00.876	148.22900
MI	80676	25-SEP-2010	02:45:41.315	02:47:49.562	128.24700
MI	80677	25-SEP-2010	04:25:23.750	04:27:29.176	125.42600
MI	80683	25-SEP-2010	15:05:55.413	15:08:00.111	124.69800
MI	80684	25-SEP-2010	16:44:54.306	16:46:59.220	124.91400
MM	80674	25-SEP-2010	00:29:18.005	00:30:32.217	74.212000
MM	80680	25-SEP-2010	10:39:26.163	10:40:43.466	77.303000
MM	80683	25-SEP-2010	15:38:38.726	15:39:55.807	77.081000
MM	80684	25-SEP-2010	17:17:52.394	17:20:02.423	130.02900
MM	80685	25-SEP-2010	18:57:00.609	18:59:04.535	123.92600
SG	80676	25-SEP-2010	03:26:54.321	03:30:00.320	185.99900
SG	80682	25-SEP-2010	14:23:59.303	14:25:58.348	119.04500
SG	80683	25-SEP-2010	16:02:02.616	16:04:36.456	153.84000

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#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	80674	25-SEP-2010	00:17:43.768	00:32:21.928	878.16000
HO	80675	25-SEP-2010	02:01:23.663	02:09:30.573	486.91000
BE	80676	25-SEP-2010	03:15:55.649	03:29:16.029	800.38000
CM	80676	25-SEP-2010	02:47:04.417	02:54:14.446	430.02900
CM	80676	25-SEP-2010	04:23:24.817	04:35:36.947	732.13000
BE	80677	25-SEP-2010	04:57:01.579	05:04:59.169	477.59000
MM	80678	25-SEP-2010	07:18:41.022	07:26:08.468	447.44600

JO	80678	25-SEP-2010	06:58:14.380	07:10:06.653	712.27300
MM	80679	25-SEP-2010	08:59:13.571	09:09:01.774	588.20300
JO	80679	25-SEP-2010	08:35:37.773	08:50:27.895	890.12200
HO	80681	25-SEP-2010	12:28:22.885	12:42:52.450	869.56500
MM	80681	25-SEP-2010	12:19:25.142	12:31:55.338	750.19600
MA	80681	25-SEP-2010	11:40:00.578	11:46:53.141	412.56300
HO	80682	25-SEP-2010	14:07:57.008	14:21:12.623	795.61500
MM	80682	25-SEP-2010	13:59:09.946	14:11:53.870	763.92400
SG	80682	25-SEP-2010	14:23:59.303	14:34:58.460	659.15700
BE	80683	25-SEP-2010	14:32:41.450	14:45:52.165	790.71500
GS	80683	25-SEP-2010	14:59:34.225	15:12:23.782	769.55700
CM	80683	25-SEP-2010	15:10:31.856	15:17:36.438	424.58200
GS	80684	25-SEP-2010	16:38:47.542	16:52:12.674	805.13200
CM	80684	25-SEP-2010	16:47:23.224	16:59:31.460	728.23600
GS	80685	25-SEP-2010	18:19:53.673	18:27:14.800	441.12700
JO	80685	25-SEP-2010	19:18:19.647	19:28:33.285	613.63800
MM	80686	25-SEP-2010	20:36:23.247	20:49:07.250	764.00300
MA	80686	25-SEP-2010	19:36:04.546	19:48:01.387	716.84100
JO	80686	25-SEP-2010	20:55:35.772	21:10:34.491	898.71900
HO	80687	25-SEP-2010	22:09:58.011	22:20:56.319	658.30800
MM	80687	25-SEP-2010	22:16:23.817	22:28:52.657	748.84000
JO	80687	25-SEP-2010	22:37:32.163	22:45:33.097	480.93400
HO	80688	25-SEP-2010	23:46:41.147	00:01:06.908	865.76100
MM	80688	25-SEP-2010	23:57:20.932	00:08:52.222	691.29000

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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

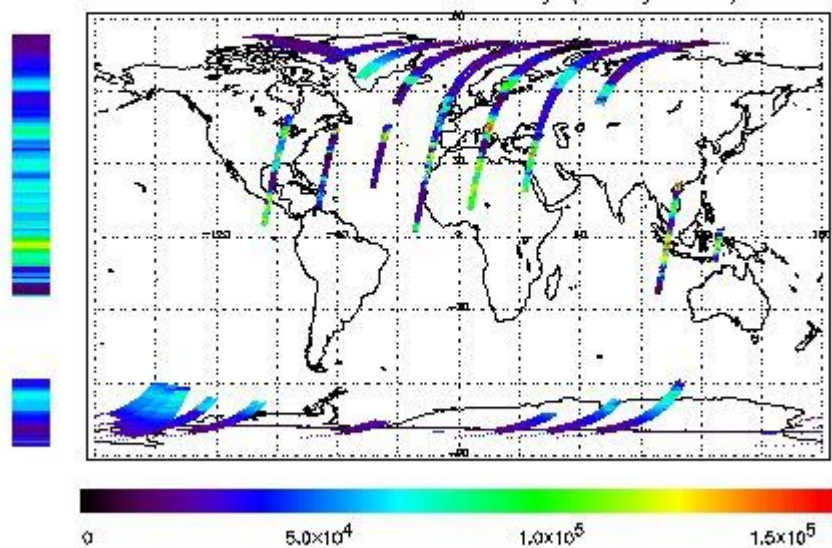
## 2.2 - Daily Plots

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 : 25-SEP-2010 00:30:32.217 : ORBIT : 80674.6604  
 Last Product : 25-SEP-2010 23:18:19.820 : ORBIT : 80688.2568  
 Total Products Processed : 18243 Day : 268 Page : 21

778 nm Uncalibrated Intensity (Binary Units)





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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
20:00	18:00	80672	80685

## 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