

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	28-FEB-2011
Start Time of First Product	00:57:16
Stop Time of Last Product	23:05:12
Number of EGOI Products analysed	36
Number of corrupted products	--
Anomalies and/or Special Operations	Due to the ERS2 orbit lowering manoeuvre data acquired in the transition period, from 22 February to 10 March, are for internal use only; no solar calibration measurements and Narrow Swath planned during the transition period

### 1.2 - List of received products

Name	Date	Time
EGOI_110228CMEP4507.E2	28-FEB-2011	02:37:14.818
EGOI_110228CMEP4515.E2	28-FEB-2011	04:15:03.421
EGOI_110228CMEP4525.E2	28-FEB-2011	14:59:55.388
EGOI_110228CMEP4531.E2	28-FEB-2011	16:35:57.477
EGOI_110228GSEP6703.E2	28-FEB-2011	01:03:21.746
EGOI_110228GSEP6735.E2	28-FEB-2011	02:40:02.834
EGOI_110228GSEP6764.E2	28-FEB-2011	04:21:04.957
EGOI_110228GSEP6771.E2	28-FEB-2011	06:03:19.085
EGOI_110228HLEP9446.E2	28-FEB-2011	12:18:16.889
EGOI_110228HLEP9455.E2	28-FEB-2011	14:10:11.579
EGOI_110228HLEP9462.E2	28-FEB-2011	15:42:52.652
EGOI_110228HLEP9470.E2	28-FEB-2011	22:00:48.975
EGOI_110228KSEP5056.E2	28-FEB-2011	06:21:26.701
EGOI_110228KSEP5080.E2	28-FEB-2011	08:01:09.310
EGOI_110228KSEP5106.E2	28-FEB-2011	09:40:38.425
EGOI_110228KSEP5130.E2	28-FEB-2011	11:20:10.532
EGOI_110228KSEP5159.E2	28-FEB-2011	12:59:11.147
EGOI_110228KSEP5168.E2	28-FEB-2011	14:37:53.751
EGOI_110228KSEP5182.E2	28-FEB-2011	16:15:30.355
EGOI_110228KSEP5209.E2	28-FEB-2011	17:53:14.455
EGOI_110228KSEP5241.E2	28-FEB-2011	19:31:27.059
EGOI_110228KSEP5269.E2	28-FEB-2011	21:11:24.674
EGOI_110228KSEP5285.E2	28-FEB-2011	22:54:14.804
EGOI_110228MIEP4452.E2	28-FEB-2011	02:36:35.814
EGOI_110228MIEP4481.E2	28-FEB-2011	04:15:19.921
EGOI_110228MIEP4505.E2	28-FEB-2011	14:55:59.865
EGOI_110228MIEP4534.E2	28-FEB-2011	16:34:15.465
EGOI_110228MSEP8553.E2	28-FEB-2011	00:57:15.707
EGOI_110228MSEP8567.E2	28-FEB-2011	09:56:58.019
EGOI_110228MSEP8596.E2	28-FEB-2011	11:33:12.111
EGOI_110228MSEP8620.E2	28-FEB-2011	13:13:50.230
EGOI_110228MSEP8651.E2	28-FEB-2011	22:41:17.726
EGOI_110228SGEP1822.E2	28-FEB-2011	03:17:40.565
EGOI_110228SGEP1831.E2	28-FEB-2011	04:59:09.691
EGOI_110228SGEP1837.E2	28-FEB-2011	14:14:10.102
EGOI_110228SGEP1843.E2	28-FEB-2011	15:51:42.207

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	82911	28-FEB-2011	06:29:17.747	06:36:36.005	438.25800
KS	82912	28-FEB-2011	08:13:49.892	08:20:28.098	398.20600
KS	82913	28-FEB-2011	09:55:10.010	10:01:37.491	387.48100

KS	82914	28-FEB-2011	11:34:15.118	11:40:52.957	397.83900
KS	82915	28-FEB-2011	13:12:12.721	13:18:54.914	402.19300
KS	82916	28-FEB-2011	14:49:35.824	14:56:37.956	422.13200
KS	82917	28-FEB-2011	16:28:01.924	16:34:53.880	411.95600
KS	82918	28-FEB-2011	18:06:47.537	18:13:54.260	426.72300
KS	82919	28-FEB-2011	19:46:12.152	19:53:22.341	430.18900
KS	82920	28-FEB-2011	21:25:44.260	21:32:59.995	435.73500
KS	82921	28-FEB-2011	23:05:13.370	23:12:25.359	431.98900
GS	82908	28-FEB-2011	01:14:35.308	01:20:41.336	366.02800
GS	82909	28-FEB-2011	02:54:47.927	03:00:58.491	370.56400
GS	82910	28-FEB-2011	04:33:21.530	04:39:21.746	360.21600
MS	82914	28-FEB-2011	11:46:25.693	11:53:27.909	422.21600
MS	82915	28-FEB-2011	13:22:45.783	13:29:13.423	387.64000
MS	82921	28-FEB-2011	22:54:44.808	23:02:42.047	477.23900
MI	82909	28-FEB-2011	02:48:52.387	02:55:09.512	377.12500
MI	82910	28-FEB-2011	04:28:14.002	04:34:09.544	355.54200
MI	82916	28-FEB-2011	15:07:20.934	15:14:39.547	438.61300
MI	82917	28-FEB-2011	16:47:36.547	16:54:23.643	407.09600
SG	82909	28-FEB-2011	03:31:28.651	03:37:57.359	388.70800
SG	82915	28-FEB-2011	14:24:16.163	14:31:59.530	463.36700
SG	82916	28-FEB-2011	16:05:10.789	16:12:19.652	428.86300
CM	82909	28-FEB-2011	04:26:21.490	04:32:48.593	387.10300
CM	82917	28-FEB-2011	16:49:27.559	16:56:43.901	436.34200

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#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	82907	28-FEB-2011	00:14:53.352	00:29:31.589	878.23700
MM	82907	28-FEB-2011	00:26:23.456	00:37:28.821	665.36500
HO	82908	28-FEB-2011	01:58:12.897	02:06:52.472	519.57500
MM	82908	28-FEB-2011	02:08:43.053	02:17:46.842	543.78900
BE	82909	28-FEB-2011	03:13:04.813	03:26:26.855	802.04200
MM	82909	28-FEB-2011	03:51:46.051	03:58:30.398	404.34700
BE	82910	28-FEB-2011	04:54:04.275	05:02:21.706	497.43100
MM	82910	28-FEB-2011	05:34:26.678	05:40:15.066	348.38800
MM	82911	28-FEB-2011	07:15:48.181	07:23:11.652	443.47100

JO	82911	28-FEB-2011	06:55:33.912	07:07:10.522	696.61000
MM	82912	28-FEB-2011	08:56:21.553	09:06:06.027	584.47400
MA	82912	28-FEB-2011	08:17:23.185	08:28:16.341	653.15600
JO	82912	28-FEB-2011	08:32:45.776	08:47:38.960	893.18400
MM	82913	28-FEB-2011	10:36:34.570	10:48:06.984	692.41400
MA	82913	28-FEB-2011	09:55:44.064	10:08:50.668	786.60400
MM	82914	28-FEB-2011	12:16:33.931	12:29:03.202	749.27100
MA	82914	28-FEB-2011	11:37:06.351	11:44:17.141	430.79000
MM	82915	28-FEB-2011	13:56:19.167	14:09:03.101	763.93400
BE	82916	28-FEB-2011	14:29:49.003	14:43:02.858	793.85500
MM	82916	28-FEB-2011	15:35:48.419	15:48:25.586	757.16700
GS	82916	28-FEB-2011	14:56:46.010	15:09:28.273	762.26300
MM	82917	28-FEB-2011	17:15:02.438	17:27:33.973	751.53500
GS	82917	28-FEB-2011	16:35:56.095	16:49:25.266	809.17100
MM	82918	28-FEB-2011	18:54:10.576	19:06:47.734	757.15800
GS	82918	28-FEB-2011	18:16:57.033	18:24:37.771	460.73800
JO	82918	28-FEB-2011	19:15:40.490	19:25:29.042	588.55200
MM	82919	28-FEB-2011	20:33:32.467	20:46:16.469	764.00200
MA	82919	28-FEB-2011	19:33:20.533	19:45:07.509	706.97600
JO	82919	28-FEB-2011	20:52:45.119	21:07:45.239	900.12000
HO	82920	28-FEB-2011	22:07:17.692	22:18:02.332	644.64000
MM	82920	28-FEB-2011	22:13:31.658	22:26:01.441	749.78300
MA	82920	28-FEB-2011	21:11:40.301	21:24:56.378	796.07700
JO	82920	28-FEB-2011	22:34:29.856	22:43:00.452	510.59600
HO	82921	28-FEB-2011	23:43:52.514	23:58:16.072	863.55800
MM	82921	28-FEB-2011	23:54:26.980	00:06:00.624	693.64400

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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

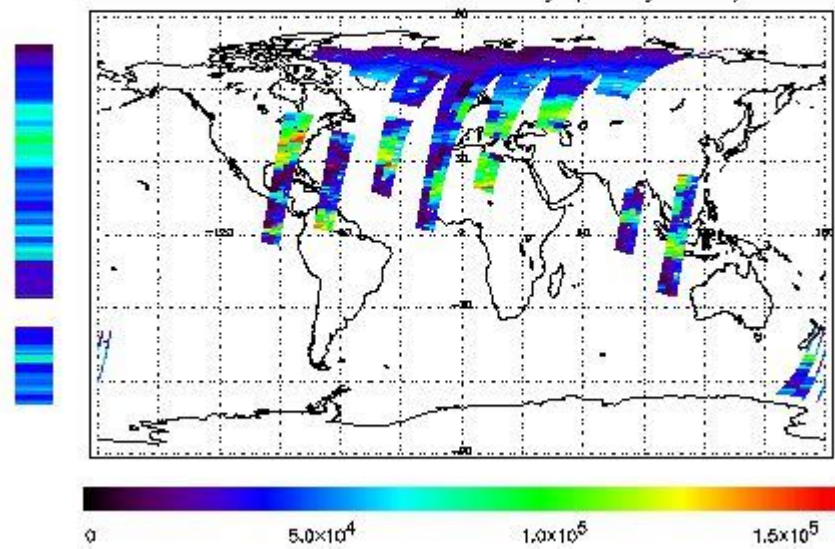
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
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](#)

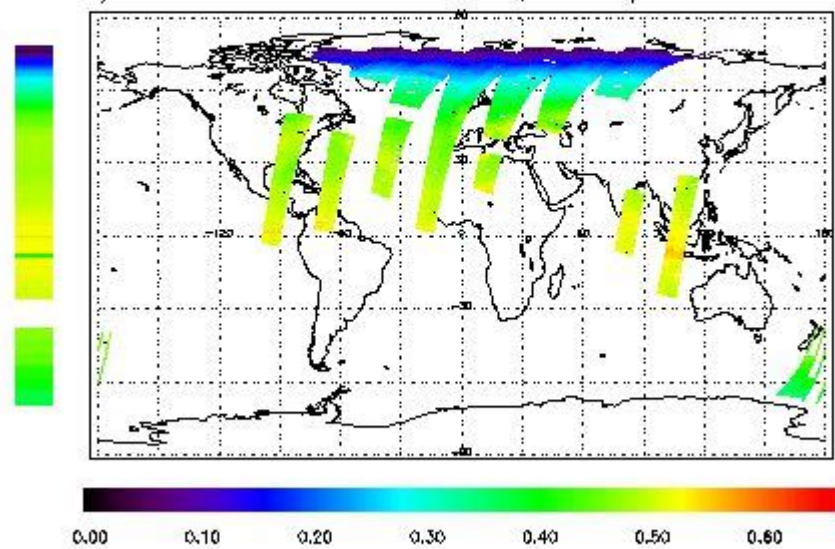
NEAR IR Intensity

778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



PMD Image (Earthshine Radiance)



## 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
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