

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-2010
Start Time of First Product	23:58:29 (27-Feb)
Stop Time of Last Product	23:18:06
Number of EGOI Products analysed	45
Number of corrupted products	--
Anomalies and/or Special Operations	Timeline interrupted, orbits 77689-77690, time interval: 11:59:21-12:34:55 (ERS-2 Unavailability Report 2010008)

1.2 - List of received products

Name	Date	Time
EGOI_100228BEEP2034.E2	28-FEB-2010	02:46:50.627
EGOI_100228CMEP6873.E2	28-FEB-2010	17:58:32.219
EGOI_100228GSEP0729.E2	28-FEB-2010	02:20:20.463
EGOI_100228GSEP0752.E2	28-FEB-2010	04:00:42.078
EGOI_100228GSEP0759.E2	28-FEB-2010	05:43:14.212
EGOI_100228HLEP5146.E2	28-FEB-2010	01:38:29.208
EGOI_100228HLEP5155.E2	28-FEB-2010	21:42:57.598
EGOI_100228KSEP8226.E2	28-FEB-2010	07:41:14.929
EGOI_100228KSEP8243.E2	28-FEB-2010	09:21:15.543

EGOI_100228KSEP8266.E2	28-FEB-2010	11:00:53.654
EGOI_100228KSEP8278.E2	28-FEB-2010	12:40:10.767
EGOI_100228KSEP8292.E2	28-FEB-2010	14:19:05.379
EGOI_100228KSEP8320.E2	28-FEB-2010	15:56:53.975
EGOI_100228KSEP8353.E2	28-FEB-2010	17:34:51.578
EGOI_100228KSEP8389.E2	28-FEB-2010	19:12:40.174
EGOI_100228KSEP8423.E2	28-FEB-2010	20:52:33.285
EGOI_100228KSEP8454.E2	28-FEB-2010	22:34:39.912
EGOI_100228MAEP9398.E2	28-FEB-2010	09:29:02.094
EGOI_100228MAEP9409.E2	28-FEB-2010	11:08:29.697
EGOI_100228MIEP4706.E2	28-FEB-2010	02:17:42.947
EGOI_100228MIEP4726.E2	28-FEB-2010	03:55:55.550
EGOI_100228MIEP4744.E2	28-FEB-2010	14:38:00.989
EGOI_100228MIEP4772.E2	28-FEB-2010	16:15:10.588
EGOI_100228MIEP4789.E2	28-FEB-2010	17:58:42.719
EGOI_100228MMEP4690.E2	27-FEB-2010	23:58:28.597
EGOI_100228MMEP4697.E2	28-FEB-2010	03:22:55.350
EGOI_100228MMEP4705.E2	28-FEB-2010	06:47:25.100
EGOI_100228MMEP4715.E2	28-FEB-2010	08:28:28.718
EGOI_100228MMEP4719.E2	28-FEB-2010	10:09:00.837
EGOI_100228MMEP4729.E2	28-FEB-2010	11:49:25.448
EGOI_100228MMEP4736.E2	28-FEB-2010	13:28:54.565
EGOI_100228MMEP4744.E2	28-FEB-2010	15:08:28.177
EGOI_100228MMEP4751.E2	28-FEB-2010	16:48:09.293
EGOI_100228MMEP4759.E2	28-FEB-2010	18:27:56.400
EGOI_100228MMEP4766.E2	28-FEB-2010	20:06:45.007
EGOI_100228MMEP4775.E2	28-FEB-2010	21:47:09.622
EGOI_100228MMEP4781.E2	28-FEB-2010	23:26:55.229
EGOI_100228MSEP6613.E2	28-FEB-2010	00:35:31.824
EGOI_100228MSEP6637.E2	28-FEB-2010	11:14:02.733
EGOI_100228MSEP6645.E2	28-FEB-2010	12:54:00.354
EGOI_100228MSEP6675.E2	28-FEB-2010	22:23:14.346
EGOI_100228SGEP4002.E2	28-FEB-2010	02:58:14.698
EGOI_100228SGEP4009.E2	28-FEB-2010	04:38:07.805
EGOI_100228SGEP4016.E2	28-FEB-2010	13:56:53.242
EGOI_100228SGEP4023.E2	28-FEB-2010	15:32:35.825

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77687	28-FEB-2010	07:39:39.029	07:41:14.929	95.900000
KS	77688	28-FEB-2010	09:19:13.654	09:21:15.542	121.88800
KS	77689	28-FEB-2010	10:58:49.287	11:00:53.654	124.36700
KS	77690	28-FEB-2010	12:38:07.944	12:40:10.766	122.82200

KS	77691	28-FEB-2010	14:16:58.793	14:19:05.378	126.58500
KS	77692	28-FEB-2010	15:54:48.260	15:56:53.975	125.71500
KS	77693	28-FEB-2010	17:32:42.984	17:34:51.578	128.59400
KS	77694	28-FEB-2010	19:10:59.560	19:12:40.173	100.61300
KS	77695	28-FEB-2010	20:50:59.151	20:52:33.285	94.134000
KS	77696	28-FEB-2010	22:33:09.668	22:34:39.912	90.244000
GS	77685	28-FEB-2010	03:59:04.243	04:00:42.077	97.834000
MS	77683	28-FEB-2010	00:34:04.810	00:35:31.824	87.014000
MS	77689	28-FEB-2010	11:11:53.486	11:14:02.732	129.24600
MS	77690	28-FEB-2010	12:51:59.856	12:54:00.353	120.49700
MS	77696	28-FEB-2010	22:21:42.516	22:23:14.345	91.829000
MA	77688	28-FEB-2010	09:27:21.835	09:29:02.093	100.25800
MI	77684	28-FEB-2010	02:15:51.661	02:17:42.947	111.28600
MI	77685	28-FEB-2010	03:53:18.517	03:55:55.549	157.03200
MI	77691	28-FEB-2010	14:36:13.807	14:38:00.989	107.18200
MI	77692	28-FEB-2010	16:13:18.837	16:15:10.588	111.75100
MM	77682	27-FEB-2010	23:57:20.932	23:58:28.596	67.664000
MM	77688	28-FEB-2010	10:07:58.036	10:09:00.837	62.801000
MM	77689	28-FEB-2010	11:48:01.191	11:49:25.447	84.256000
MM	77690	28-FEB-2010	13:27:50.650	13:28:54.564	63.914000
MM	77691	28-FEB-2010	15:07:24.621	15:08:28.176	63.555000
MM	77692	28-FEB-2010	16:46:42.498	16:48:09.292	86.794000
MM	77693	28-FEB-2010	18:25:50.729	18:27:56.399	125.67000
MM	77694	28-FEB-2010	20:05:06.263	20:06:45.006	98.743000
MM	77695	28-FEB-2010	21:44:52.554	21:47:09.621	137.06700
MM	77696	28-FEB-2010	23:25:30.400	23:26:55.229	84.829000
BE	77684	28-FEB-2010	02:44:42.660	02:46:50.626	127.96600
SG	77684	28-FEB-2010	02:56:04.401	02:58:14.698	130.29700
SG	77685	28-FEB-2010	04:36:30.702	04:38:07.805	97.103000
SG	77691	28-FEB-2010	15:30:28.627	15:32:35.824	127.19700
SG	77691	28-FEB-2010	15:42:50.886	15:44:21.026	90.140000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	77682	27-FEB-2010	23:46:41.147	00:01:06.908	865.76100

HO	77683	28-FEB-2010	01:27:36.482	01:39:37.588	721.10600
MM	77683	28-FEB-2010	01:39:22.866	01:49:05.589	582.72300
GS	77683	28-FEB-2010	00:43:25.573	00:51:35.803	490.23000
CM	77684	28-FEB-2010	03:52:10.772	04:04:29.723	738.95100
BE	77685	28-FEB-2010	04:24:50.998	04:35:38.349	647.35100
MM	77685	28-FEB-2010	05:05:13.936	05:11:01.992	348.05600
KS	77686	28-FEB-2010	06:00:56.056	06:06:04.012	307.95600
CM	77686	28-FEB-2010	05:35:14.635	05:40:19.319	304.68400
JO	77686	28-FEB-2010	06:29:27.686	06:37:19.848	472.16200
JO	77687	28-FEB-2010	08:04:21.441	08:19:19.692	898.25100
JO	77688	28-FEB-2010	09:46:18.585	09:56:38.897	620.31200
HO	77689	28-FEB-2010	11:57:24.818	12:10:38.136	793.31800
HO	77690	28-FEB-2010	13:36:22.914	13:50:57.621	874.70700
BE	77691	28-FEB-2010	14:01:18.841	14:14:42.897	804.05600
HO	77691	28-FEB-2010	15:17:38.211	15:25:29.830	471.61900
GS	77691	28-FEB-2010	14:28:54.356	14:39:54.514	660.15800
BE	77692	28-FEB-2010	15:43:23.803	15:52:33.439	549.63600
GS	77692	28-FEB-2010	16:07:25.545	16:21:19.627	834.08200
CM	77692	28-FEB-2010	16:16:07.373	16:28:28.680	741.30700
GS	77693	28-FEB-2010	17:47:47.676	17:58:01.922	614.24600
MA	77694	28-FEB-2010	19:08:33.313	19:15:54.621	441.30800
JO	77694	28-FEB-2010	20:24:28.114	20:39:17.289	889.17500
MA	77695	28-FEB-2010	20:42:54.084	20:56:36.206	822.12200
JO	77695	28-FEB-2010	22:04:47.371	22:16:43.866	716.49500
HO	77696	28-FEB-2010	23:15:43.074	23:29:47.270	844.19600
MA	77696	28-FEB-2010	22:26:36.304	22:34:29.669	473.36500

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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

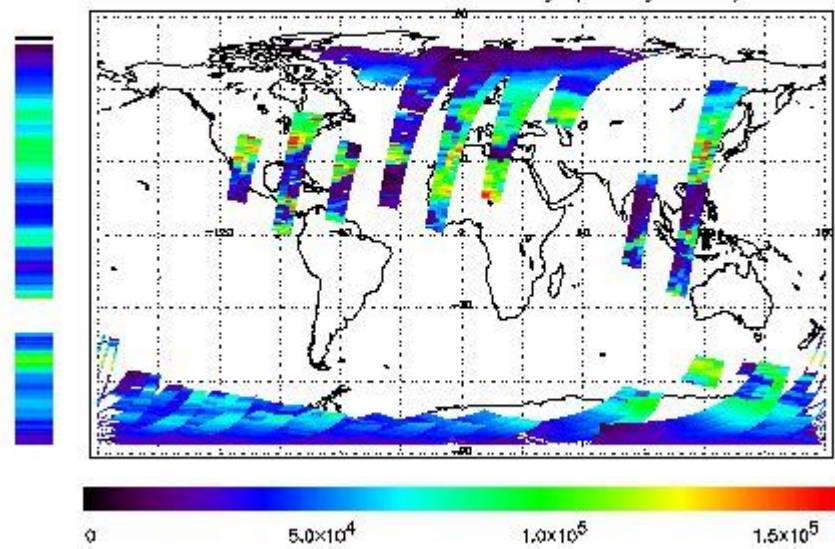
2.2 - Daily Plots

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

First Product : 27-FEB-2010 23:58:28.597 : ORBIT : 77682.6560
 Last Product : 28-FEB-2010 23:39:40.307 : ORBIT : 77696.7834
 Total Products Processed : 20985 Day : 59 Page : 21

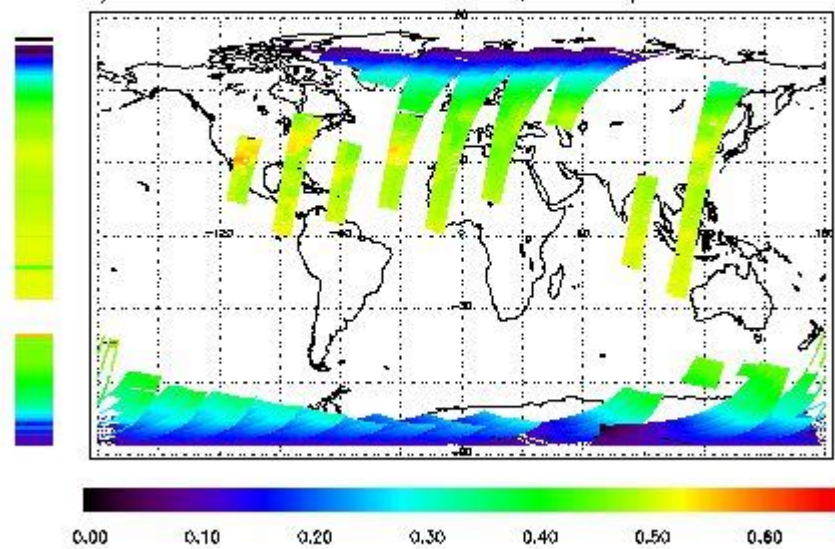
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 27-FEB-2010 23:58:28.597 : ORBIT : 77682.6560
 Last Product : 28-FEB-2010 23:39:40.307 : ORBIT : 77696.7834
 Total Products Processed : 20985 Day : 59 Page : 20

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
11:59:21	12:34:55	77689	77690	Yes

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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