

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	27-FEB-2010
Start Time of First Product	00:19:45
Stop Time of Last Product	23:18:06
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_100227BEEP2029.E2	27-FEB-2010	03:18:05.983
EGOI_100227CMEP6857.E2	27-FEB-2010	04:26:57.402
EGOI_100227CMEP6863.E2	27-FEB-2010	15:11:05.860
EGOI_100227GSEP0634.E2	27-FEB-2010	01:14:17.224
EGOI_100227GSEP0666.E2	27-FEB-2010	02:51:20.815
EGOI_100227GSEP0694.E2	27-FEB-2010	04:33:13.942
EGOI_100227GSEP0701.E2	27-FEB-2010	06:15:23.572
EGOI_100227HLEP5123.E2	27-FEB-2010	00:19:45.391
EGOI_100227HLEP5135.E2	27-FEB-2010	10:55:44.792

EGOI_100227KSEP7941.E2	27-FEB-2010	06:33:01.174
EGOI_100227KSEP7965.E2	27-FEB-2010	08:12:57.292
EGOI_100227KSEP7988.E2	27-FEB-2010	09:52:35.404
EGOI_100227KSEP8014.E2	27-FEB-2010	11:32:13.519
EGOI_100227KSEP8046.E2	27-FEB-2010	13:11:17.127
EGOI_100227KSEP8060.E2	27-FEB-2010	14:50:02.735
EGOI_100227KSEP8079.E2	27-FEB-2010	16:27:42.335
EGOI_100227KSEP8110.E2	27-FEB-2010	18:05:44.430
EGOI_100227KSEP8145.E2	27-FEB-2010	19:43:54.033
EGOI_100227KSEP8170.E2	27-FEB-2010	21:24:24.654
EGOI_100227KSEP8198.E2	27-FEB-2010	23:07:11.780
EGOI_100227MAEP9354.E2	27-FEB-2010	08:21:16.843
EGOI_100227MAEP9368.E2	27-FEB-2010	10:00:02.447
EGOI_100227MAEP9384.E2	27-FEB-2010	21:16:50.103
EGOI_100227MIEP4597.E2	27-FEB-2010	02:47:35.795
EGOI_100227MIEP4625.E2	27-FEB-2010	04:27:16.906
EGOI_100227MIEP4653.E2	27-FEB-2010	15:07:49.337
EGOI_100227MIEP4682.E2	27-FEB-2010	16:46:49.944
EGOI_100227MMEP4633.E2	27-FEB-2010	02:12:11.580
EGOI_100227MMEP4646.E2	27-FEB-2010	14:00:14.424
EGOI_100227MMEP4653.E2	27-FEB-2010	15:39:45.032
EGOI_100227MMEP4660.E2	27-FEB-2010	17:19:51.648
EGOI_100227MMEP4667.E2	27-FEB-2010	18:58:53.759
EGOI_100227MMEP4676.E2	27-FEB-2010	20:37:54.362
EGOI_100227MMEP4682.E2	27-FEB-2010	22:18:03.979
EGOI_100227MSEP6491.E2	27-FEB-2010	10:08:02.498
EGOI_100227MSEP6520.E2	27-FEB-2010	11:45:12.094
EGOI_100227MSEP6543.E2	27-FEB-2010	13:26:39.717
EGOI_100227MSEP6557.E2	27-FEB-2010	21:19:17.118
EGOI_100227MSEP6589.E2	27-FEB-2010	22:53:52.198
EGOI_100227SGEP3971.E2	27-FEB-2010	01:54:30.970
EGOI_100227SGEP3978.E2	27-FEB-2010	03:29:51.054
EGOI_100227SGEP3983.E2	27-FEB-2010	05:11:45.680
EGOI_100227SGEP3990.E2	27-FEB-2010	14:25:47.582
EGOI_100227SGEP3995.E2	27-FEB-2010	16:04:21.190

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77672	27-FEB-2010	06:31:41.552	06:33:01.173	79.621000
KS	77673	27-FEB-2010	08:10:55.269	08:12:57.292	122.02300
KS	77674	27-FEB-2010	09:50:32.504	09:52:35.403	122.89900
KS	77675	27-FEB-2010	11:30:04.684	11:32:13.518	128.83400

KS	77676	27-FEB-2010	13:09:14.133	13:11:17.126	122.99300
KS	77677	27-FEB-2010	14:47:54.578	14:50:02.735	128.15700
KS	77678	27-FEB-2010	16:25:34.473	16:27:42.335	127.86200
KS	77679	27-FEB-2010	18:03:21.503	18:05:44.430	142.92700
KS	77680	27-FEB-2010	19:42:13.408	19:43:54.033	100.62500
KS	77681	27-FEB-2010	21:22:49.747	21:24:24.653	94.906000
KS	77682	27-FEB-2010	23:05:52.107	23:07:11.779	79.672000
GS	77669	27-FEB-2010	01:12:49.776	01:14:17.224	87.448000
GS	77670	27-FEB-2010	02:49:53.102	02:51:20.814	87.712000
GS	77671	27-FEB-2010	04:31:44.539	04:33:13.941	89.402000
MS	77674	27-FEB-2010	10:06:04.972	10:08:02.498	117.52600
MS	77675	27-FEB-2010	11:43:00.115	11:45:12.093	131.97800
MS	77676	27-FEB-2010	13:24:37.357	13:26:39.716	122.35900
MS	77682	27-FEB-2010	22:52:17.542	22:53:52.198	94.656000
MA	77673	27-FEB-2010	08:20:07.086	08:21:16.843	69.757000
MA	77674	27-FEB-2010	09:58:34.949	10:00:02.447	87.498000
MA	77681	27-FEB-2010	21:14:32.646	21:16:50.103	137.45700
MI	77670	27-FEB-2010	02:45:41.314	02:47:35.795	114.48100
MI	77671	27-FEB-2010	04:25:23.750	04:27:16.905	113.15500
MI	77677	27-FEB-2010	15:05:55.412	15:07:49.336	113.92400
MI	77678	27-FEB-2010	16:44:54.305	16:46:49.943	115.63800
MM	77676	27-FEB-2010	13:59:09.945	14:00:14.424	64.479000
MM	77677	27-FEB-2010	15:38:38.725	15:39:45.032	66.307000
MM	77678	27-FEB-2010	17:17:52.393	17:19:51.648	119.25500
MM	77679	27-FEB-2010	18:57:00.608	18:58:53.759	113.15100
MM	77680	27-FEB-2010	20:36:23.246	20:37:54.362	91.116000
MM	77681	27-FEB-2010	22:16:23.816	22:18:03.979	100.16300
MM	77682	27-FEB-2010	23:57:20.932	23:58:28.596	67.664000
BE	77670	27-FEB-2010	03:15:55.648	03:18:05.983	130.33500
SG	77670	27-FEB-2010	03:26:54.320	03:29:51.054	176.73400
SG	77676	27-FEB-2010	14:23:59.302	14:25:47.582	108.28000
SG	77677	27-FEB-2010	16:02:02.615	16:04:21.189	138.57400

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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HO	77668	27-FEB-2010	00:17:43.768	00:32:21.928	878.16000
MM	77668	27-FEB-2010	00:29:18.005	00:40:20.541	662.53600
HO	77669	27-FEB-2010	02:01:23.662	02:09:30.572	486.91000
MM	77670	27-FEB-2010	03:54:42.807	04:01:23.729	400.92200
CM	77670	27-FEB-2010	02:47:04.416	02:54:14.445	430.02900
CM	77670	27-FEB-2010	04:23:24.816	04:35:36.946	732.13000
BE	77671	27-FEB-2010	04:57:01.578	05:04:59.168	477.59000
MM	77671	27-FEB-2010	05:37:21.540	05:43:10.768	349.22800
MM	77672	27-FEB-2010	07:18:41.021	07:26:08.467	447.44600
JO	77672	27-FEB-2010	06:58:14.379	07:10:06.652	712.27300
MM	77673	27-FEB-2010	08:59:13.570	09:09:01.773	588.20300
JO	77673	27-FEB-2010	08:35:37.772	08:50:27.894	890.12200
MM	77674	27-FEB-2010	10:39:26.162	10:51:00.909	694.74700
HO	77675	27-FEB-2010	12:28:22.885	12:42:52.450	869.56500
MM	77675	27-FEB-2010	12:19:25.142	12:31:55.338	750.19600
MA	77675	27-FEB-2010	11:40:00.578	11:46:53.141	412.56300
HO	77676	27-FEB-2010	14:07:57.007	14:21:12.622	795.61500
SG	77676	27-FEB-2010	14:23:59.302	14:34:58.459	659.15700
BE	77677	27-FEB-2010	14:32:41.449	14:45:52.164	790.71500
GS	77677	27-FEB-2010	14:59:34.224	15:12:23.781	769.55700
GS	77678	27-FEB-2010	16:38:47.541	16:52:12.673	805.13200
CM	77678	27-FEB-2010	16:47:23.223	16:59:31.459	728.23600
GS	77679	27-FEB-2010	18:19:53.672	18:27:14.799	441.12700
JO	77679	27-FEB-2010	19:18:19.646	19:28:33.284	613.63800
MA	77680	27-FEB-2010	19:36:04.545	19:48:01.386	716.84100
JO	77680	27-FEB-2010	20:55:35.771	21:10:34.490	898.71900
HO	77681	27-FEB-2010	22:09:58.010	22:20:56.318	658.30800
JO	77681	27-FEB-2010	22:37:32.162	22:45:33.096	480.93400
HO	77682	27-FEB-2010	23:46:41.147	00:01:06.908	865.76100

[[BACK TO MENU](#)]

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

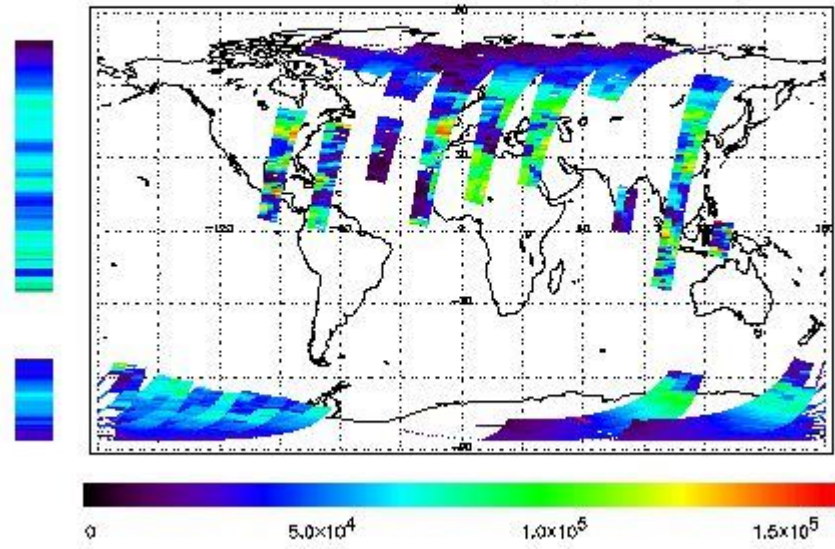
2.2 - Daily Plots

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 00:19:45.391 : ORBIT : 77668.5533
Last Product : 27-FEB-2010 23:18:05.846 : ORBIT : 77682.2546
Total Products Processed : 20676 Day : 58 Page : 21

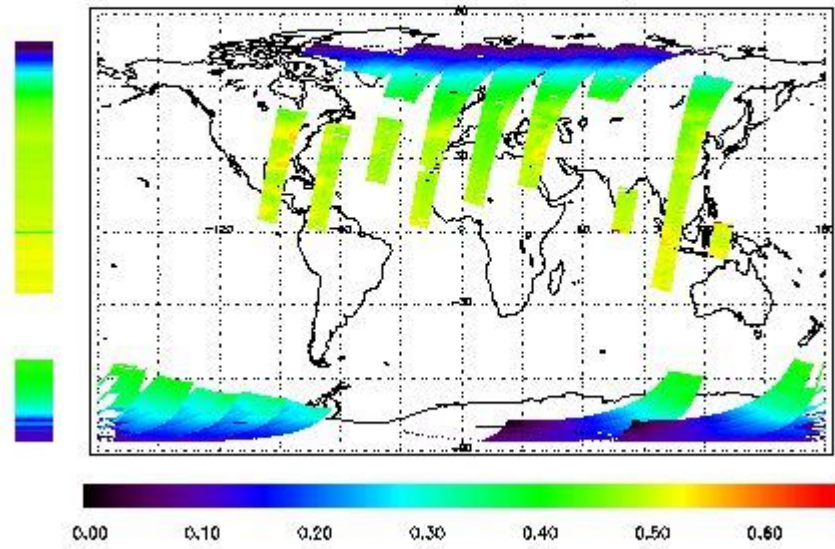
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 27-FEB-2010 00:19:45.391 : ORBIT : 77668.5533
Last Product : 27-FEB-2010 23:18:05.846 : ORBIT : 77682.2546
Total Products Processed : 20676 Day : 58 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
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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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