

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	21-OCT-2010
Start Time of First Product	00:13:16
Stop Time of Last Product	23:01:24
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_101021CMEP1032.E2	21-OCT-2010	04:10:48.802
EGOI_101021GSEP7610.E2	21-OCT-2010	00:58:08.611
EGOI_101021GSEP7642.E2	21-OCT-2010	02:34:43.707
EGOI_101021GSEP7667.E2	21-OCT-2010	04:15:41.329
EGOI_101021GSEP7676.E2	21-OCT-2010	05:58:01.461
EGOI_101021HLEP8193.E2	21-OCT-2010	13:58:58.415
EGOI_101021KSEP3867.E2	21-OCT-2010	06:16:21.069
EGOI_101021KSEP3894.E2	21-OCT-2010	07:56:12.682
EGOI_101021KSEP3918.E2	21-OCT-2010	09:35:50.797

EGOI_101021KSEP3949.E2	21-OCT-2010	11:15:27.408
EGOI_101021KSEP3978.E2	21-OCT-2010	12:54:41.519
EGOI_101021KSEP4004.E2	21-OCT-2010	14:33:30.127
EGOI_101021KSEP4031.E2	21-OCT-2010	16:11:12.730
EGOI_101021KSEP4059.E2	21-OCT-2010	17:49:11.834
EGOI_101021KSEP4091.E2	21-OCT-2010	19:27:10.937
EGOI_101021KSEP4117.E2	21-OCT-2010	21:07:19.056
EGOI_101021KSEP4142.E2	21-OCT-2010	22:49:54.187
EGOI_101021MAEP8687.E2	21-OCT-2010	09:43:28.344
EGOI_101021MAEP8706.E2	21-OCT-2010	20:59:41.508
EGOI_101021MIEP3964.E2	21-OCT-2010	02:31:30.187
EGOI_101021MIEP3985.E2	21-OCT-2010	04:10:47.302
EGOI_101021MIEP4003.E2	21-OCT-2010	14:51:46.741
EGOI_101021MIEP4025.E2	21-OCT-2010	16:29:56.348
EGOI_101021MMEP7161.E2	21-OCT-2010	00:13:15.837
EGOI_101021MMEP7167.E2	21-OCT-2010	01:55:14.964
EGOI_101021MMEP7175.E2	21-OCT-2010	03:38:03.594
EGOI_101021MMEP7182.E2	21-OCT-2010	05:20:28.225
EGOI_101021MMEP7191.E2	21-OCT-2010	07:02:16.849
EGOI_101021MMEP7199.E2	21-OCT-2010	08:46:02.488
EGOI_101021MMEP7205.E2	21-OCT-2010	10:23:40.591
EGOI_101021MMEP7211.E2	21-OCT-2010	12:04:03.710
EGOI_101021MMEP7218.E2	21-OCT-2010	13:43:31.321
EGOI_101021MMEP7229.E2	21-OCT-2010	18:42:12.159
EGOI_101021MMEP7235.E2	21-OCT-2010	22:01:25.386
EGOI_101021MSEP3661.E2	21-OCT-2010	00:51:07.068
EGOI_101021MSEP3682.E2	21-OCT-2010	11:28:31.990
EGOI_101021MSEP3706.E2	21-OCT-2010	13:09:10.110
EGOI_101021MSEP3740.E2	21-OCT-2010	22:37:37.613
EGOI_101021SGEP8780.E2	21-OCT-2010	04:53:29.556

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81050	21-OCT-2010	06:14:50.898	06:16:21.069	90.171000
KS	81051	21-OCT-2010	07:53:51.572	07:56:12.682	141.11000
KS	81052	21-OCT-2010	09:33:27.711	09:35:50.796	143.08500
KS	81053	21-OCT-2010	11:13:01.978	11:15:27.407	145.42900
KS	81054	21-OCT-2010	12:52:16.696	12:54:41.518	144.82200
KS	81055	21-OCT-2010	14:31:02.846	14:33:30.127	147.28100
KS	81056	21-OCT-2010	16:08:45.499	16:11:12.730	147.23100
KS	81057	21-OCT-2010	17:46:40.726	17:49:11.833	151.10700

KS	81058	21-OCT-2010	19:25:10.103	19:27:10.937	120.83400
KS	81059	21-OCT-2010	21:05:25.944	21:07:19.055	113.11100
KS	81060	21-OCT-2010	22:47:59.133	22:49:54.187	115.05400
GS	81047	21-OCT-2010	00:56:42.044	00:58:08.610	86.566000
GS	81048	21-OCT-2010	02:32:55.907	02:34:43.706	107.79900
GS	81049	21-OCT-2010	04:13:49.294	04:15:41.328	112.03400
MS	81047	21-OCT-2010	00:49:39.387	00:51:07.067	87.680000
MS	81053	21-OCT-2010	11:25:59.020	11:28:31.990	152.97000
MS	81054	21-OCT-2010	13:06:41.919	13:09:10.110	148.19100
MS	81060	21-OCT-2010	22:35:31.866	22:37:37.612	125.74600
MA	81052	21-OCT-2010	09:41:31.403	09:43:28.344	116.94100
MA	81059	21-OCT-2010	20:57:07.790	20:59:41.507	153.71700
MI	81048	21-OCT-2010	02:29:18.077	02:31:30.186	132.10900
MI	81049	21-OCT-2010	04:07:47.545	04:10:47.302	179.75700
MI	81055	21-OCT-2010	14:49:33.392	14:51:46.740	133.34800
MI	81056	21-OCT-2010	16:27:37.157	16:29:56.347	139.19000
MM	81046	21-OCT-2010	00:11:51.517	00:13:15.836	84.319000
MM	81047	21-OCT-2010	01:54:02.424	01:55:14.964	72.540000
MM	81048	21-OCT-2010	03:37:02.057	03:38:03.594	61.537000
MM	81051	21-OCT-2010	08:42:01.219	08:46:02.487	241.26800
MM	81051	21-OCT-2010	08:49:52.010	08:51:26.599	94.589000
MM	81052	21-OCT-2010	10:22:16.439	10:23:40.591	84.152000
MM	81053	21-OCT-2010	12:02:17.701	12:04:03.710	106.00900
MM	81054	21-OCT-2010	13:42:05.072	13:43:31.321	86.249000
MM	81057	21-OCT-2010	18:40:00.553	18:42:12.159	131.60600
MM	81059	21-OCT-2010	21:59:11.550	22:01:25.386	133.83600
SG	81049	21-OCT-2010	04:51:40.430	04:53:29.555	109.12500

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81046	21-OCT-2010	00:00:48.431	00:15:19.938	871.50700
HO	81047	21-OCT-2010	01:42:37.568	01:53:25.087	647.51900
BE	81048	21-OCT-2010	02:58:52.289	03:12:17.277	804.98800
SG	81048	21-OCT-2010	03:10:00.413	03:23:42.062	821.64900
CM	81048	21-OCT-2010	02:32:56.754	02:34:43.223	106.46900

BE	81049	21-OCT-2010	04:39:23.982	04:49:05.692	581.71000
JO	81050	21-OCT-2010	06:42:20.450	06:52:23.396	602.94600
MA	81051	21-OCT-2010	08:03:53.045	08:13:12.133	559.08800
JO	81051	21-OCT-2010	08:18:30.102	08:33:31.506	901.40400
JO	81052	21-OCT-2010	10:01:51.197	10:09:44.165	472.96800
HO	81053	21-OCT-2010	12:11:28.340	12:25:18.454	830.11400
MA	81053	21-OCT-2010	11:22:31.645	11:30:54.687	503.04200
HO	81054	21-OCT-2010	13:50:40.344	14:04:56.819	856.47500
SG	81054	21-OCT-2010	14:08:11.228	14:16:52.184	520.95600
BE	81055	21-OCT-2010	14:15:30.738	14:28:54.373	803.63500
MM	81055	21-OCT-2010	15:21:36.686	15:34:15.210	758.52400
GS	81055	21-OCT-2010	14:42:47.501	14:53:37.857	650.35600
SG	81055	21-OCT-2010	15:44:44.652	15:58:24.452	819.80000
BE	81056	21-OCT-2010	15:58:50.567	16:05:54.784	424.21700
MM	81056	21-OCT-2010	17:00:52.556	17:13:24.228	751.67200
GS	81056	21-OCT-2010	16:21:39.928	16:35:25.070	825.14200
CM	81056	21-OCT-2010	16:30:16.006	16:42:40.699	744.69300
GS	81057	21-OCT-2010	18:02:19.248	18:11:24.873	545.62500
JO	81057	21-OCT-2010	19:02:44.845	19:09:46.161	421.31600
MM	81058	21-OCT-2010	20:19:19.013	20:32:02.761	763.74800
MA	81058	21-OCT-2010	19:21:42.940	19:30:34.787	531.84700
JO	81058	21-OCT-2010	20:38:34.397	20:53:34.796	900.39900
HO	81059	21-OCT-2010	21:54:05.966	22:03:28.731	562.76500
JO	81059	21-OCT-2010	22:19:31.595	22:30:01.276	629.68100
HO	81060	21-OCT-2010	23:29:43.054	23:44:02.553	859.49900
MM	81060	21-OCT-2010	23:39:58.019	23:51:42.790	704.77100
MA	81060	21-OCT-2010	22:42:26.299	22:47:40.663	314.36400

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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 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

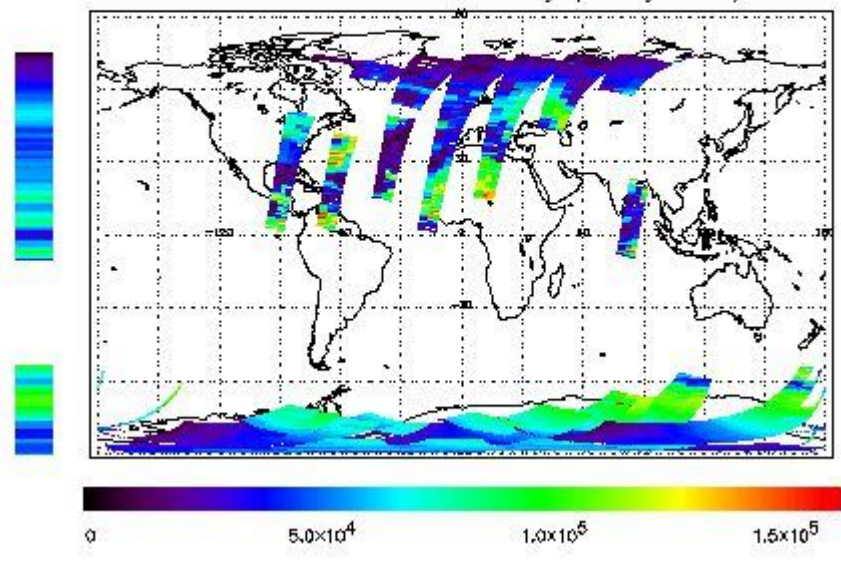
2.2 - Daily Plots

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 : 21-OCT-2010 00:13:15.837 : ORBIT : 81046.6602
Last Product : 21-OCT-2010 23:01:24.257 : ORBIT : 81060.2601
Total Products Processed : 18302 Day : 294 Page : 21

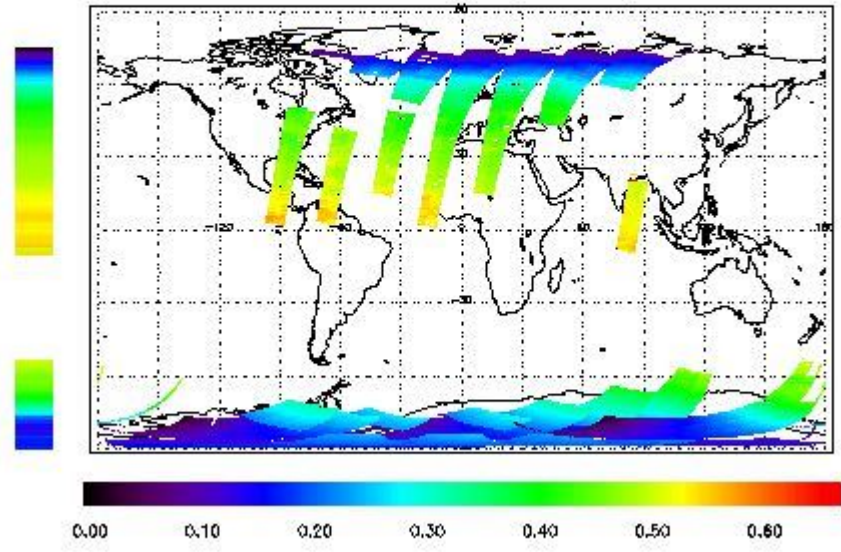
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 21-OCT-2010 00:13:15.837 : ORBIT : 81046.6602
Last Product : 21-OCT-2010 23:01:24.257 : ORBIT : 81060.2601
Total Products Processed : 18302 Day : 294 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
01:00 05-Sep	--	80388	--