

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	30-OCT-2010
Start Time of First Product	00:30:45
Stop Time of Last Product	23:18:30
Number of EGOI Products analysed	40
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_101030CMEP1255.E2	30-OCT-2010	02:48:07.285
EGOI_101030CMEP1261.E2	30-OCT-2010	04:27:18.400
EGOI_101030CMEP1271.E2	30-OCT-2010	15:11:28.364
EGOI_101030CMEP1279.E2	30-OCT-2010	16:49:13.971
EGOI_101030GSEP8271.E2	30-OCT-2010	01:14:39.705
EGOI_101030GSEP8303.E2	30-OCT-2010	02:51:41.804
EGOI_101030GSEP8331.E2	30-OCT-2010	04:33:34.935
EGOI_101030GSEP8338.E2	30-OCT-2010	06:15:43.065
EGOI_101030KSEP6141.E2	30-OCT-2010	06:33:22.171

EGOI_101030KSEP6158.E2	30-OCT-2010	08:13:18.293
EGOI_101030KSEP6176.E2	30-OCT-2010	09:52:57.904
EGOI_101030KSEP6197.E2	30-OCT-2010	11:32:36.015
EGOI_101030KSEP6215.E2	30-OCT-2010	13:11:39.631
EGOI_101030KSEP6225.E2	30-OCT-2010	14:50:25.242
EGOI_101030KSEP6252.E2	30-OCT-2010	16:28:04.842
EGOI_101030KSEP6282.E2	30-OCT-2010	18:06:05.445
EGOI_101030KSEP6313.E2	30-OCT-2010	19:44:16.549
EGOI_101030KSEP6339.E2	30-OCT-2010	21:24:45.672
EGOI_101030KSEP6364.E2	30-OCT-2010	23:07:34.303
EGOI_101030MAEP9028.E2	30-OCT-2010	08:21:37.841
EGOI_101030MAEP9043.E2	30-OCT-2010	10:00:24.947
EGOI_101030MAEP9060.E2	30-OCT-2010	21:17:09.624
EGOI_101030MIEP4643.E2	30-OCT-2010	04:27:42.400
EGOI_101030MIEP4671.E2	30-OCT-2010	15:08:10.344
EGOI_101030MIEP4700.E2	30-OCT-2010	16:47:12.459
EGOI_101030MMEP7686.E2	30-OCT-2010	00:30:45.438
EGOI_101030MMEP7693.E2	30-OCT-2010	02:12:53.569
EGOI_101030MMEP7701.E2	30-OCT-2010	07:19:41.953
EGOI_101030MMEP7709.E2	30-OCT-2010	09:04:53.107
EGOI_101030MMEP7715.E2	30-OCT-2010	10:40:56.698
EGOI_101030MMEP7721.E2	30-OCT-2010	12:20:55.816
EGOI_101030MMEP7730.E2	30-OCT-2010	14:00:18.925
EGOI_101030MSEP4664.E2	30-OCT-2010	10:08:20.494
EGOI_101030MSEP4693.E2	30-OCT-2010	11:45:33.098
EGOI_101030MSEP4715.E2	30-OCT-2010	13:27:00.721
EGOI_101030MSEP4726.E2	30-OCT-2010	21:19:42.641
EGOI_101030MSEP4758.E2	30-OCT-2010	22:54:13.225
EGOI_101030SGEP9011.E2	30-OCT-2010	01:54:51.956
EGOI_101030SGEP9016.E2	30-OCT-2010	03:30:10.539
EGOI_101030SGEP9021.E2	30-OCT-2010	05:12:14.170
EGOI_101030SGEP9026.E2	30-OCT-2010	14:26:10.089
EGOI_101030SGEP9033.E2	30-OCT-2010	16:04:45.197

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81179	30-OCT-2010	06:31:41.553	06:33:22.170	100.61700
KS	81180	30-OCT-2010	08:10:55.270	08:13:18.293	143.02300
KS	81181	30-OCT-2010	09:50:32.505	09:52:57.904	145.39900
KS	81182	30-OCT-2010	11:30:04.685	11:32:36.015	151.33000
KS	81183	30-OCT-2010	13:09:14.134	13:11:39.630	145.49600
KS	81184	30-OCT-2010	14:47:54.579	14:50:25.241	150.66200

KS	81185	30-OCT-2010	16:25:34.474	16:28:04.841	150.36700
KS	81186	30-OCT-2010	18:03:21.504	18:06:05.444	163.94000
KS	81187	30-OCT-2010	19:42:13.409	19:44:16.548	123.13900
KS	81188	30-OCT-2010	21:22:49.748	21:24:45.672	115.92400
KS	81189	30-OCT-2010	23:05:52.108	23:07:34.302	102.19400
GS	81176	30-OCT-2010	01:12:49.777	01:14:39.704	109.92700
GS	81177	30-OCT-2010	02:49:53.103	02:51:41.804	108.70100
GS	81178	30-OCT-2010	04:31:44.540	04:33:34.934	110.39400
MS	81181	30-OCT-2010	10:06:04.973	10:08:20.494	135.52100
MS	81182	30-OCT-2010	11:43:00.116	11:45:33.098	152.98200
MS	81183	30-OCT-2010	13:24:37.358	13:27:00.721	143.36300
MS	81189	30-OCT-2010	22:52:17.543	22:54:13.224	115.68100
MA	81180	30-OCT-2010	08:20:07.087	08:21:37.840	90.753000
MA	81181	30-OCT-2010	09:58:34.950	10:00:24.947	109.99700
MA	81188	30-OCT-2010	21:14:32.647	21:17:09.623	156.97600
MI	81178	30-OCT-2010	04:25:23.750	04:27:42.400	138.65000
MI	81184	30-OCT-2010	15:05:55.413	15:08:10.344	134.93100
MI	81185	30-OCT-2010	16:44:54.306	16:47:12.458	138.15200
MM	81175	30-OCT-2010	00:29:18.006	00:30:45.437	87.431000
MM	81176	30-OCT-2010	02:11:39.299	02:12:53.569	74.270000
MM	81179	30-OCT-2010	07:18:41.022	07:19:41.952	60.930000
MM	81180	30-OCT-2010	08:59:13.571	09:04:53.106	339.53500
MM	81180	30-OCT-2010	09:07:35.121	09:09:01.774	86.653000
MM	81181	30-OCT-2010	10:39:26.163	10:40:56.697	90.534000
MM	81182	30-OCT-2010	12:19:25.143	12:20:55.816	90.673000
MM	81183	30-OCT-2010	13:59:09.946	14:00:18.925	68.979000
MM	81183	30-OCT-2010	14:04:02.447	14:11:53.870	471.42300
SG	81177	30-OCT-2010	03:26:54.321	03:30:10.538	196.21700
SG	81177	30-OCT-2010	03:33:09.057	03:40:47.491	458.43400
SG	81183	30-OCT-2010	14:23:59.303	14:26:10.088	130.78500
SG	81184	30-OCT-2010	16:02:02.616	16:04:45.197	162.58100
CM	81177	30-OCT-2010	02:47:04.417	02:48:07.285	62.868000
CM	81185	30-OCT-2010	16:47:23.224	16:49:13.971	110.74700

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81175	30-OCT-2010	00:17:43.769	00:32:21.929	878.16000
HO	81176	30-OCT-2010	02:01:23.663	02:09:30.573	486.91000
BE	81177	30-OCT-2010	03:15:55.649	03:29:16.029	800.38000
MM	81177	30-OCT-2010	03:54:42.808	04:01:23.730	400.92200
MI	81177	30-OCT-2010	02:45:41.315	02:58:02.992	741.67700
BE	81178	30-OCT-2010	04:57:01.579	05:04:59.169	477.59000
MM	81178	30-OCT-2010	05:37:21.541	05:43:10.769	349.22800
JO	81179	30-OCT-2010	06:58:14.380	07:10:06.653	712.27300
JO	81180	30-OCT-2010	08:35:37.773	08:50:27.895	890.12200
HO	81182	30-OCT-2010	12:28:22.886	12:42:52.451	869.56500
MA	81182	30-OCT-2010	11:40:00.579	11:46:53.142	412.56300
HO	81183	30-OCT-2010	14:07:57.008	14:21:12.623	795.61500
SG	81183	30-OCT-2010	14:23:59.303	14:34:58.460	659.15700
BE	81184	30-OCT-2010	14:32:41.450	14:45:52.165	790.71500
MM	81184	30-OCT-2010	15:38:38.726	15:51:15.625	756.89900
GS	81184	30-OCT-2010	14:59:34.225	15:12:23.782	769.55700
MM	81185	30-OCT-2010	17:17:52.394	17:30:23.936	751.54200
GS	81185	30-OCT-2010	16:38:47.542	16:52:12.674	805.13200
MM	81186	30-OCT-2010	18:57:00.609	19:09:38.038	757.42900
GS	81186	30-OCT-2010	18:19:53.673	18:27:14.800	441.12700
JO	81186	30-OCT-2010	19:18:19.647	19:28:33.285	613.63800
MM	81187	30-OCT-2010	20:36:23.247	20:49:07.250	764.00300
MA	81187	30-OCT-2010	19:36:04.546	19:48:01.387	716.84100
JO	81187	30-OCT-2010	20:55:35.772	21:10:34.491	898.71900
HO	81188	30-OCT-2010	22:09:58.011	22:20:56.319	658.30800
MM	81188	30-OCT-2010	22:16:23.817	22:28:52.657	748.84000
JO	81188	30-OCT-2010	22:37:32.163	22:45:33.097	480.93400
HO	81189	30-OCT-2010	23:46:41.148	00:01:06.909	865.76100
MM	81189	30-OCT-2010	23:57:20.933	00:08:52.223	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 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

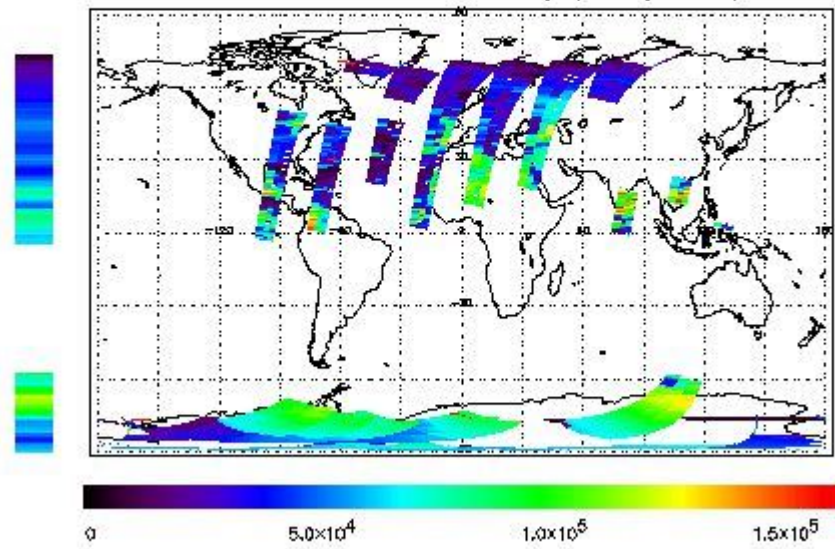
2.2 - Daily Plots

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 : 30-OCT-2010 00:30:45.438 : ORBIT : 81175.6626
 Last Product : 30-OCT-2010 23:18:29.869 : ORBIT : 81189.2588
 Total Products Processed : 18102 Day : 303 Page : 21

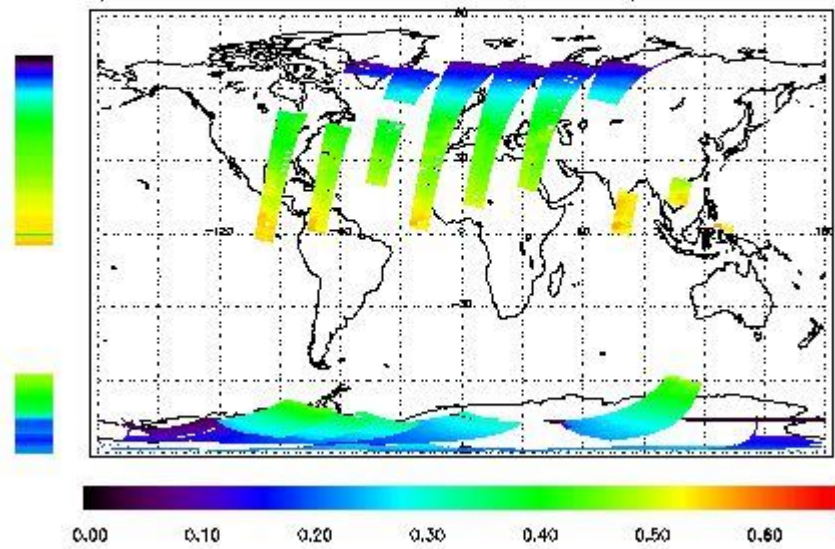
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 30-OCT-2010 00:30:45.438 : ORBIT : 81175.6626
 Last Product : 30-OCT-2010 23:18:29.869 : ORBIT : 81189.2588
 Total Products Processed : 18102 Day : 303 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	--