

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	09-NOV-2010
Start Time of First Product	00:16:13
Stop Time of Last Product	23:04:20
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_101109CMEP1535.E2	09-NOV-2010	02:35:01.813
EGOI_101109CMEP1542.E2	09-NOV-2010	04:13:47.423
EGOI_101109CMEP1553.E2	09-NOV-2010	14:58:18.401
EGOI_101109CMEP1558.E2	09-NOV-2010	16:34:23.498
EGOI_101109KSEP8613.E2	09-NOV-2010	06:19:00.191
EGOI_101109KSEP8639.E2	09-NOV-2010	07:59:08.310
EGOI_101109KSEP8661.E2	09-NOV-2010	09:38:47.925
EGOI_101109KSEP8692.E2	09-NOV-2010	11:18:23.041
EGOI_101109KSEP8715.E2	09-NOV-2010	12:57:35.657

EGOI_101109KSEP8742.E2	09-NOV-2010	14:36:24.268
EGOI_101109KSEP8766.E2	09-NOV-2010	16:14:11.373
EGOI_101109KSEP8795.E2	09-NOV-2010	17:52:08.976
EGOI_101109KSEP8826.E2	09-NOV-2010	19:30:09.584
EGOI_101109KSEP8850.E2	09-NOV-2010	21:10:23.704
EGOI_101109KSEP8869.E2	09-NOV-2010	22:53:13.839
EGOI_101109MAEP9460.E2	09-NOV-2010	09:46:38.975
EGOI_101109MAEP9479.E2	09-NOV-2010	21:02:40.156
EGOI_101109MIEP5391.E2	09-NOV-2010	02:34:21.309
EGOI_101109MIEP5419.E2	09-NOV-2010	14:54:33.378
EGOI_101109MIEP5448.E2	09-NOV-2010	16:32:53.490
EGOI_101109MMEP8299.E2	09-NOV-2010	00:16:12.951
EGOI_101109MMEP8304.E2	09-NOV-2010	01:58:16.585
EGOI_101109MMEP8311.E2	09-NOV-2010	05:23:28.350
EGOI_101109MMEP8321.E2	09-NOV-2010	08:46:11.600
EGOI_101109MMEP8329.E2	09-NOV-2010	10:26:39.219
EGOI_101109MMEP8337.E2	09-NOV-2010	12:06:59.343
EGOI_101109MMEP8343.E2	09-NOV-2010	13:46:26.954
EGOI_101109MMEP8352.E2	09-NOV-2010	15:26:00.570
EGOI_101109MMEP8357.E2	09-NOV-2010	17:05:46.194
EGOI_101109MMEP8367.E2	09-NOV-2010	18:45:07.801
EGOI_101109MSEP5853.E2	09-NOV-2010	00:54:20.690
EGOI_101109MSEP5866.E2	09-NOV-2010	09:55:12.028
EGOI_101109MSEP5888.E2	09-NOV-2010	11:31:24.624
EGOI_101109MSEP5912.E2	09-NOV-2010	13:12:08.743
EGOI_101109MSEP5940.E2	09-NOV-2010	22:40:19.764
EGOI_101109SGEP9258.E2	09-NOV-2010	03:15:09.559
EGOI_101109SGEP9267.E2	09-NOV-2010	04:57:02.686
EGOI_101109SGEP9274.E2	09-NOV-2010	14:12:28.623
EGOI_101109SGEP9281.E2	09-NOV-2010	15:50:15.724

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81322	09-NOV-2010	06:17:38.838	06:19:00.191	81.353000
KS	81323	09-NOV-2010	07:56:42.144	07:59:08.310	146.16600
KS	81324	09-NOV-2010	09:36:18.517	09:38:47.924	149.40700
KS	81325	09-NOV-2010	11:15:52.470	11:18:23.041	150.57100
KS	81326	09-NOV-2010	12:55:06.352	12:57:35.657	149.30500
KS	81327	09-NOV-2010	14:33:51.553	14:36:24.268	152.71500
KS	81328	09-NOV-2010	16:11:32.922	16:14:11.372	158.45000
KS	81329	09-NOV-2010	17:49:27.397	17:52:08.975	161.57800

KS	81330	09-NOV-2010	19:28:00.448	19:30:09.583	129.13500
KS	81331	09-NOV-2010	21:08:19.630	21:10:23.704	124.07400
KS	81332	09-NOV-2010	22:50:57.519	22:53:13.839	136.32000
MS	81325	09-NOV-2010	11:28:48.905	11:31:24.624	155.71900
MS	81326	09-NOV-2010	13:09:38.678	13:12:08.743	150.06500
MS	81332	09-NOV-2010	22:38:18.712	22:40:19.764	121.05200
MA	81324	09-NOV-2010	09:44:21.695	09:46:38.975	137.28000
MA	81331	09-NOV-2010	21:00:04.104	21:02:40.155	156.05100
MI	81320	09-NOV-2010	02:32:00.883	02:34:21.309	140.42600
MI	81327	09-NOV-2010	14:52:15.711	14:54:33.377	137.66600
MI	81328	09-NOV-2010	16:30:29.450	16:32:53.489	144.03900
MM	81318	09-NOV-2010	00:14:45.796	00:16:12.951	87.155000
MM	81319	09-NOV-2010	01:56:58.467	01:58:16.584	78.117000
MM	81323	09-NOV-2010	08:44:53.317	08:46:11.600	78.283000
MM	81324	09-NOV-2010	10:25:08.087	10:26:39.219	91.132000
MM	81325	09-NOV-2010	12:05:08.970	12:06:59.342	110.37200
MM	81326	09-NOV-2010	13:44:55.917	13:46:26.954	91.037000
MM	81327	09-NOV-2010	15:24:27.059	15:26:00.569	93.510000
MM	81328	09-NOV-2010	17:03:42.546	17:05:46.194	123.64800
MM	81329	09-NOV-2010	18:42:50.539	18:45:07.800	137.26100
SG	81320	09-NOV-2010	03:12:48.618	03:15:09.559	140.94100
SG	81321	09-NOV-2010	04:54:46.132	04:57:02.685	136.55300
SG	81326	09-NOV-2010	14:10:46.579	14:12:28.623	102.04400
SG	81327	09-NOV-2010	15:47:36.803	15:50:15.724	158.92100
SG	81327	09-NOV-2010	15:56:44.263	16:01:12.180	267.91700
CM	81328	09-NOV-2010	16:33:06.540	16:34:23.497	76.957000

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81318	09-NOV-2010	00:03:36.682	00:18:10.306	873.62400
HO	81319	09-NOV-2010	01:45:47.491	01:56:09.933	622.44200
GS	81319	09-NOV-2010	00:59:22.512	01:09:05.630	583.11800
BE	81320	09-NOV-2010	03:01:42.569	03:15:07.689	805.12000
MM	81320	09-NOV-2010	03:39:58.875	03:46:57.546	418.67100
GS	81320	09-NOV-2010	02:35:44.913	02:49:35.598	830.68500

BE	81321	09-NOV-2010	04:42:19.351	04:51:45.912	566.56100
MI	81321	09-NOV-2010	04:10:42.491	04:23:06.073	743.58200
GS	81321	09-NOV-2010	04:16:47.409	04:28:17.508	690.09900
MM	81322	09-NOV-2010	07:04:16.432	07:11:24.347	427.91500
JO	81322	09-NOV-2010	06:44:57.805	06:55:21.827	624.02200
MA	81323	09-NOV-2010	08:06:33.525	08:16:14.158	580.63300
JO	81323	09-NOV-2010	08:21:20.670	08:36:21.355	900.68500
JO	81324	09-NOV-2010	10:05:02.947	10:12:16.295	433.34800
MA	81325	09-NOV-2010	11:25:28.500	11:33:40.289	491.78900
SG	81326	09-NOV-2010	14:10:46.579	14:19:55.731	549.15200
BE	81327	09-NOV-2010	14:18:21.872	14:31:44.319	802.44700
GS	81327	09-NOV-2010	14:45:34.827	14:56:23.626	648.79900
BE	81328	09-NOV-2010	16:02:00.166	16:08:31.296	391.13000
GS	81328	09-NOV-2010	16:24:31.020	16:38:13.530	822.51000
GS	81329	09-NOV-2010	18:05:14.211	18:14:04.354	530.14300
JO	81329	09-NOV-2010	19:05:16.279	19:12:58.636	462.35700
MM	81330	09-NOV-2010	20:22:09.645	20:34:53.475	763.83000
MA	81330	09-NOV-2010	19:24:22.867	19:33:29.828	546.96100
JO	81330	09-NOV-2010	20:41:24.196	20:56:25.442	901.24600
HO	81331	09-NOV-2010	21:56:39.675	22:06:24.231	584.55600
MM	81331	09-NOV-2010	22:02:03.481	22:14:36.688	753.20700
JO	81331	09-NOV-2010	22:22:29.865	22:32:38.840	608.97500
HO	81332	09-NOV-2010	23:32:31.285	23:46:53.394	862.10900
MM	81332	09-NOV-2010	23:42:51.704	23:54:34.335	702.63100
MA	81332	09-NOV-2010	22:45:40.980	22:50:13.003	272.02300

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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

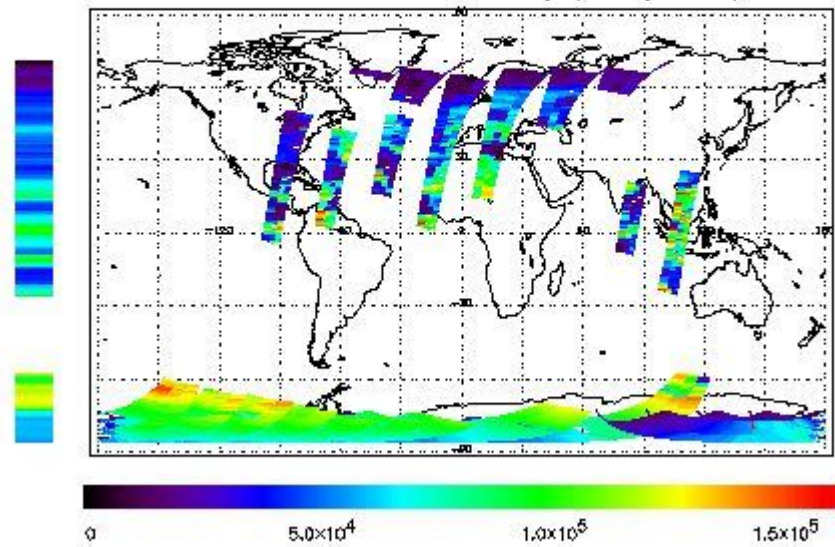
2.2 - Daily Plots

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 : 09-NOV-2010 00:16:12.951 : ORBIT : 81318.6609
 Last Product : 09-NOV-2010 23:04:19.905 : ORBIT : 81332.2607
 Total Products Processed : 17881 Day : 313 Page : 21

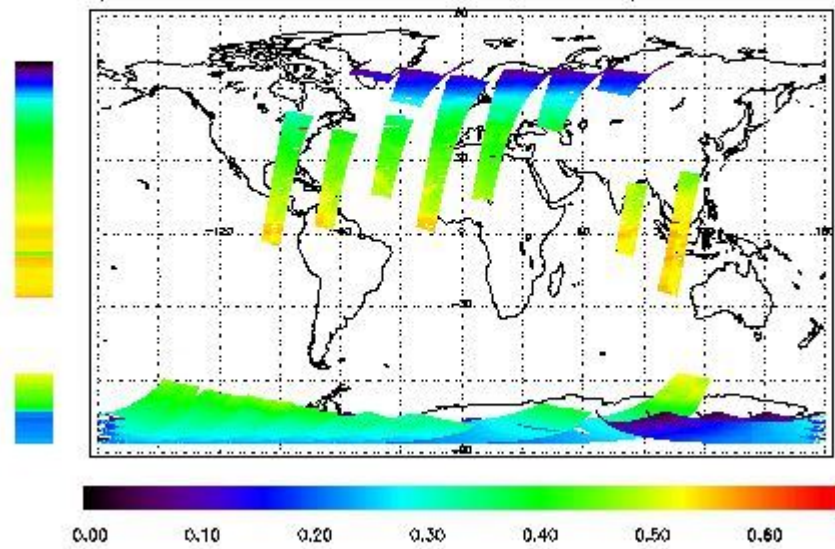
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 09-NOV-2010 00:16:12.951 : ORBIT : 81318.6609
 Last Product : 09-NOV-2010 23:04:19.905 : ORBIT : 81332.2607
 Total Products Processed : 17881 Day : 313 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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