

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	01-FEB-2011
Start Time of First Product	00:12:19
Stop Time of Last Product	11:04:17
Number of EGOI Products analysed	16
Number of corrupted products	
Anomalies and/or Special Operations	

1.2 - List of received products

Name	Date	Time
EGOI_110201CMEP3692.E2	01-FEB-2011	03:31:31.426
EGOI_110201CMEP3697.E2	01-FEB-2011	05:12:00.549
EGOI_110201GSEP4883.E2	01-FEB-2011	01:58:33.858
EGOI_110201GSEP4892.E2	01-FEB-2011	03:37:38.965
EGOI_110201GSEP4898.E2	01-FEB-2011	05:20:35.096
EGOI_110201KSEP9535.E2	01-FEB-2011	07:18:59.828
EGOI_110201KSEP9541.E2	01-FEB-2011	08:58:58.941
EGOI_110201KSEP9547.E2	01-FEB-2011	10:38:40.057
EGOI_110201MAEP2419.E2	01-FEB-2011	09:06:16.988

EGOI_110201MIEP1944.E2	01-FEB-2011	01:57:15.850
EGOI_110201MIEP1953.E2	01-FEB-2011	03:32:58.434
EGOI_110201MIEP1959.E2	01-FEB-2011	05:16:48.576
EGOI_110201MSEP5587.E2	01-FEB-2011	00:12:19.703
EGOI_110201MSEP5598.E2	01-FEB-2011	10:52:16.136
EGOI_110201SGEP1180.E2	01-FEB-2011	02:41:16.121
EGOI_110201SGEP1186.E2	01-FEB-2011	04:15:03.192

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	82525	01-FEB-2011	07:16:56.444	07:18:59.827	123.38300
KS	82526	01-FEB-2011	08:56:27.191	08:58:58.940	151.74900
KS	82527	01-FEB-2011	10:36:04.298	10:38:40.056	155.75800
KS	82528	01-FEB-2011	12:15:28.424	12:18:03.169	154.74500
KS	82529	01-FEB-2011	13:54:22.761	13:57:00.773	158.01200
KS	82530	01-FEB-2011	15:32:27.911	15:35:16.381	168.47000
KS	82531	01-FEB-2011	17:10:11.824	17:12:49.976	158.15200
KS	82532	01-FEB-2011	18:48:22.593	18:50:49.077	146.48400
KS	82533	01-FEB-2011	20:27:57.733	20:30:03.189	125.45600
KS	82534	01-FEB-2011	22:09:34.439	22:11:47.310	132.87100
KS	82535	01-FEB-2011	23:54:12.980	23:57:26.961	193.98100
GS	82522	01-FEB-2011	01:56:38.008	01:58:33.857	115.84900
GS	82523	01-FEB-2011	03:35:44.445	03:37:38.965	114.52000
MS	82521	01-FEB-2011	00:10:01.881	00:12:19.703	137.82200
MS	82527	01-FEB-2011	10:49:36.089	10:52:16.136	160.04700
MS	82528	01-FEB-2011	12:28:44.394	12:31:27.247	162.85300
MS	82534	01-FEB-2011	21:59:54.647	22:01:51.751	117.10400
MS	82535	01-FEB-2011	23:37:51.891	23:40:11.854	139.96300
MI	82522	01-FEB-2011	01:54:59.950	01:57:15.850	135.90000
MI	82523	01-FEB-2011	03:30:25.780	03:32:58.433	152.65300
MI	82524	01-FEB-2011	05:14:50.828	05:16:48.575	117.74700
MI	82530	01-FEB-2011	15:50:36.075	15:53:04.491	148.41600
MI	82531	01-FEB-2011	17:31:58.110	17:34:20.106	141.99600
SG	82522	01-FEB-2011	02:34:07.150	02:41:16.120	428.97000
SG	82523	01-FEB-2011	04:12:53.025	04:15:03.192	130.16700
SG	82523	01-FEB-2011	04:18:19.710	04:25:24.808	425.09800
SG	82529	01-FEB-2011	15:07:55.121	15:10:28.227	153.10600

SG	82530	01-FEB-2011	16:49:34.409	16:52:16.851	162.44200
CM	82530	01-FEB-2011	15:53:44.697	15:55:22.501	97.804000
CM	82531	01-FEB-2011	17:33:59.123	17:35:18.614	79.491000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	82521	01-FEB-2011	01:04:05.915	01:17:23.608	797.69300
MM	82521	01-FEB-2011	01:15:58.000	01:26:09.720	611.72000
BE	82522	01-FEB-2011	02:22:10.151	02:34:58.122	767.97100
MM	82522	01-FEB-2011	02:58:43.657	03:06:37.640	473.98300
CM	82522	01-FEB-2011	03:29:55.333	03:41:30.925	695.59200
BE	82523	01-FEB-2011	04:01:44.172	04:13:48.625	724.45300
MM	82523	01-FEB-2011	04:41:46.742	04:47:44.893	358.15100
MM	82524	01-FEB-2011	06:23:49.566	06:30:10.002	380.43600
MM	82525	01-FEB-2011	08:04:42.250	08:13:15.331	513.08100
JO	82525	01-FEB-2011	07:41:58.242	07:56:28.010	869.76800
MM	82526	01-FEB-2011	09:45:04.009	09:55:47.066	643.05700
JO	82526	01-FEB-2011	09:22:15.035	09:34:58.981	763.94600
HO	82527	01-FEB-2011	11:35:04.123	11:47:07.812	723.68900
MM	82527	01-FEB-2011	11:25:10.210	11:37:16.452	726.24200
MA	82527	01-FEB-2011	10:44:09.313	10:55:39.245	689.93200
HO	82528	01-FEB-2011	13:13:35.146	13:28:24.496	889.35000
MM	82528	01-FEB-2011	13:05:02.920	13:17:43.473	760.55300
HO	82529	01-FEB-2011	14:54:14.778	15:03:43.309	568.53100
MM	82529	01-FEB-2011	14:44:40.605	14:57:22.414	761.80900
GS	82529	01-FEB-2011	14:06:59.373	14:15:41.862	522.48900
SG	82529	01-FEB-2011	15:07:55.121	15:21:35.691	820.57000
BE	82530	01-FEB-2011	15:19:22.553	15:30:37.713	675.16000
MM	82530	01-FEB-2011	16:24:01.955	16:36:35.157	753.20200
GS	82530	01-FEB-2011	15:44:42.446	15:58:35.865	833.41900
MM	82531	01-FEB-2011	18:03:11.266	18:15:44.299	753.03300
GS	82531	01-FEB-2011	17:24:41.281	17:36:21.229	699.94800
MM	82532	01-FEB-2011	19:42:23.149	19:55:04.736	761.58700
MA	82532	01-FEB-2011	18:47:33.291	18:51:43.397	250.10600
JO	82532	01-FEB-2011	20:02:04.652	20:16:09.474	844.82200

MM	82533	01-FEB-2011	21:22:00.360	21:34:41.538	761.17800
MA	82533	01-FEB-2011	20:20:22.744	20:34:10.038	827.29400
JO	82533	01-FEB-2011	21:41:29.920	21:55:02.789	812.86900
HO	82534	01-FEB-2011	22:53:39.238	23:06:53.993	794.75500
MM	82534	01-FEB-2011	23:02:24.954	23:14:33.667	728.71300
MA	82534	01-FEB-2011	22:01:51.333	22:12:40.137	648.80400

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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

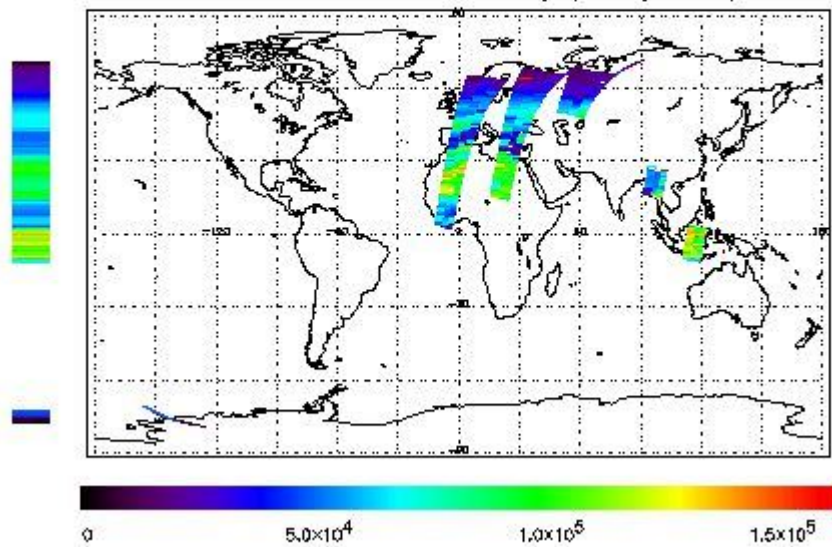
2.2 - Daily Plots

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 : 01-FEB-2011 00:12:19.703 : ORBIT : 82521.0223
 Last Product : 01-FEB-2011 11:04:17.710 : ORBIT : 82527.5031
 Total Products Processed : 7119 Day : 32 Page : 21

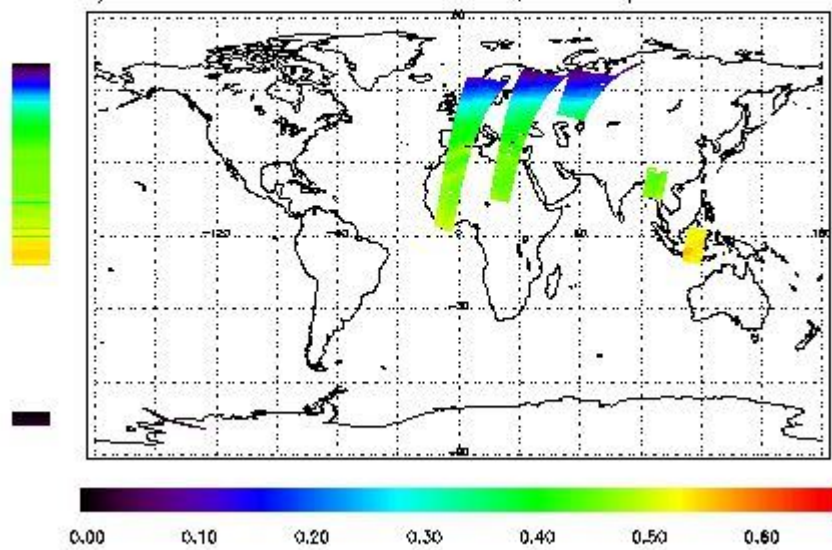
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 01-FEB-2011 00:12:19.703 : ORBIT : 82521.0223
 Last Product : 01-FEB-2011 11:04:17.710 : ORBIT : 82527.5031
 Total Products Processed : 7119 Day : 32 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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