

GOME Daily Report

INDEX

1. [General Info](#)
 - 1.1 [Report Summary](#)
 - 1.2 [List of received products](#)
 - 1.3 [List of data gaps](#)
 - 1.4 [List of missing products](#)
 - 1.5 [List of corrupted products](#)
2. [Instrument Indicators and Daily Plots](#)
 - 2.1 [Instrument Indicators Status](#)
 - 2.2 [Daily Plots](#)
3. [Instrument Calibration](#)
 - 3.1 [Solar Calibration \(daily/TST44\)](#)
 - 3.2 [Lamp Calibration \(quarterly/TST44\)](#)
4. [Instrument Anomalies](#)
 - 4.1 [Single Event Upset \(SEU\)](#)
 - 4.2 [Instrument Off](#)
 - 4.3 [Cooler Switchings](#)
5. [Instrument Operations](#)
 - 5.1 [Timeline Interruptions](#)
 - 5.2 [TST44](#)
 - 5.3 [Power Cycle](#)
 - 5.4 [Wrong Command Execution](#)
 - 5.5 [Narrow Swath Timeline](#)
 - 5.6 [Seasonal Operations](#)

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	12-FEB-2011
Start Time of First Product	00:20:13
Stop Time of Last Product	23:18:36
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_110212CMEP4033.E2	12-FEB-2011	02:48:06.095
EGOI_110212CMEP4041.E2	12-FEB-2011	04:27:24.702
EGOI_110212CMEP4049.E2	12-FEB-2011	15:11:33.164
EGOI_110212CMEP4057.E2	12-FEB-2011	16:48:51.763
EGOI_110212GSEP5678.E2	12-FEB-2011	01:14:46.023
EGOI_110212GSEP5710.E2	12-FEB-2011	02:51:51.118
EGOI_110212GSEP5737.E2	12-FEB-2011	04:34:00.741
EGOI_110212GSEP5744.E2	12-FEB-2011	06:15:46.371
EGOI_110212HLEP9272.E2	12-FEB-2011	00:20:12.686

EGOI_110212HLEP9282.E2	12-FEB-2011	12:30:48.676
EGOI_110212HLEP9291.E2	12-FEB-2011	22:12:29.756
EGOI_110212KSEP1458.E2	12-FEB-2011	06:33:35.973
EGOI_110212KSEP1476.E2	12-FEB-2011	08:13:24.591
EGOI_110212KSEP1494.E2	12-FEB-2011	09:53:04.203
EGOI_110212KSEP1524.E2	12-FEB-2011	11:32:37.818
EGOI_110212KSEP1542.E2	12-FEB-2011	13:11:45.926
EGOI_110212KSEP1551.E2	12-FEB-2011	14:50:31.534
EGOI_110212KSEP1566.E2	12-FEB-2011	16:28:14.138
EGOI_110212KSEP1594.E2	12-FEB-2011	18:06:07.238
EGOI_110212KSEP1626.E2	12-FEB-2011	19:44:24.346
EGOI_110212KSEP1648.E2	12-FEB-2011	21:24:56.461
EGOI_110212KSEP1672.E2	12-FEB-2011	23:08:15.101
EGOI_110212MAEP2724.E2	12-FEB-2011	08:21:44.139
EGOI_110212MAEP2739.E2	12-FEB-2011	10:00:05.749
EGOI_110212MAEP2756.E2	12-FEB-2011	21:17:18.918
EGOI_110212MIEP3061.E2	12-FEB-2011	02:48:09.095
EGOI_110212MIEP3089.E2	12-FEB-2011	04:27:48.702
EGOI_110212MIEP3117.E2	12-FEB-2011	15:08:18.144
EGOI_110212MIEP3146.E2	12-FEB-2011	16:47:20.251
EGOI_110212MSEP6881.E2	12-FEB-2011	10:08:31.298
EGOI_110212MSEP6911.E2	12-FEB-2011	11:45:40.898
EGOI_110212MSEP6934.E2	12-FEB-2011	13:27:08.521
EGOI_110212MSEP6949.E2	12-FEB-2011	21:19:35.430
EGOI_110212MSEP6981.E2	12-FEB-2011	22:54:16.519
EGOI_110212SGEP1457.E2	12-FEB-2011	01:54:59.762
EGOI_110212SGEP1464.E2	12-FEB-2011	03:30:18.349
EGOI_110212SGEP1470.E2	12-FEB-2011	05:12:24.976
EGOI_110212SGEP1475.E2	12-FEB-2011	14:26:17.885
EGOI_110212SGEP1482.E2	12-FEB-2011	16:04:55.997

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	82682	12-FEB-2011	06:31:41.554	06:33:35.972	114.41800
KS	82683	12-FEB-2011	08:10:55.271	08:13:24.591	149.32000
KS	82684	12-FEB-2011	09:50:32.506	09:53:04.203	151.69700
KS	82685	12-FEB-2011	11:30:04.685	11:32:37.818	153.13300
KS	82686	12-FEB-2011	13:09:14.134	13:11:45.926	151.79200
KS	82687	12-FEB-2011	14:47:54.579	14:50:31.533	156.95400
KS	82688	12-FEB-2011	16:25:34.474	16:28:14.138	159.66400
KS	82689	12-FEB-2011	18:03:21.505	18:06:07.238	165.73300

KS	82690	12-FEB-2011	19:42:13.410	19:44:24.346	130.93600
KS	82691	12-FEB-2011	21:22:49.749	21:24:56.460	126.71100
KS	82692	12-FEB-2011	23:05:52.108	23:08:15.100	142.99200
GS	82679	12-FEB-2011	01:12:49.777	01:14:46.022	116.24500
GS	82680	12-FEB-2011	02:49:53.103	02:51:51.118	118.01500
GS	82681	12-FEB-2011	04:31:44.540	04:34:00.740	136.20000
MS	82684	12-FEB-2011	10:06:04.974	10:08:31.298	146.32400
MS	82685	12-FEB-2011	11:43:00.116	11:45:40.897	160.78100
MS	82686	12-FEB-2011	13:24:37.358	13:27:08.520	151.16200
MS	82692	12-FEB-2011	22:52:17.543	22:54:16.518	118.97500
MA	82683	12-FEB-2011	08:20:07.088	08:21:44.138	97.050000
MA	82684	12-FEB-2011	09:58:34.951	10:00:05.748	90.797000
MA	82691	12-FEB-2011	21:14:32.648	21:17:18.918	166.27000
MI	82680	12-FEB-2011	02:45:41.315	02:48:09.094	147.77900
MI	82681	12-FEB-2011	04:25:23.750	04:27:48.701	144.95100
MI	82687	12-FEB-2011	15:05:55.413	15:08:18.143	142.73000
MI	82688	12-FEB-2011	16:44:54.306	16:47:20.250	145.94400
SG	82680	12-FEB-2011	03:26:54.321	03:30:18.349	204.02800
SG	82686	12-FEB-2011	14:23:59.303	14:26:17.884	138.58100
SG	82687	12-FEB-2011	16:02:02.616	16:04:55.996	173.38000
CM	82680	12-FEB-2011	02:47:04.417	02:48:06.094	61.677000
CM	82687	12-FEB-2011	15:10:31.856	15:11:33.164	61.308000
CM	82688	12-FEB-2011	16:47:23.224	16:48:51.763	88.539000

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	82678	12-FEB-2011	00:17:43.769	00:32:21.929	878.16000
MM	82678	12-FEB-2011	00:29:18.006	00:40:20.542	662.53600
HO	82679	12-FEB-2011	02:01:23.663	02:09:30.573	486.91000
MM	82679	12-FEB-2011	02:11:39.299	02:20:39.065	539.76600
BE	82680	12-FEB-2011	03:15:55.649	03:29:16.029	800.38000
MM	82680	12-FEB-2011	03:54:42.808	04:01:23.730	400.92200
BE	82681	12-FEB-2011	04:57:01.579	05:04:59.169	477.59000
MM	82681	12-FEB-2011	05:37:21.541	05:43:10.769	349.22800
MM	82682	12-FEB-2011	07:18:41.023	07:26:08.469	447.44600

JO	82682	12-FEB-2011	06:58:14.381	07:10:06.654	712.27300
MM	82683	12-FEB-2011	08:59:13.572	09:09:01.775	588.20300
JO	82683	12-FEB-2011	08:35:37.774	08:50:27.896	890.12200
MM	82684	12-FEB-2011	10:39:26.164	10:51:00.911	694.74700
HO	82685	12-FEB-2011	12:28:22.886	12:42:52.451	869.56500
MM	82685	12-FEB-2011	12:19:25.143	12:31:55.339	750.19600
MA	82685	12-FEB-2011	11:40:00.579	11:46:53.142	412.56300
HO	82686	12-FEB-2011	14:07:57.008	14:21:12.623	795.61500
MM	82686	12-FEB-2011	13:59:09.946	14:11:53.870	763.92400
SG	82686	12-FEB-2011	14:23:59.303	14:34:58.460	659.15700
BE	82687	12-FEB-2011	14:32:41.450	14:45:52.165	790.71500
MM	82687	12-FEB-2011	15:38:38.726	15:51:15.625	756.89900
GS	82687	12-FEB-2011	14:59:34.225	15:12:23.782	769.55700
MM	82688	12-FEB-2011	17:17:52.394	17:30:23.936	751.54200
GS	82688	12-FEB-2011	16:38:47.542	16:52:12.674	805.13200
MM	82689	12-FEB-2011	18:57:00.610	19:09:38.039	757.42900
GS	82689	12-FEB-2011	18:19:53.674	18:27:14.801	441.12700
JO	82689	12-FEB-2011	19:18:19.648	19:28:33.286	613.63800
MM	82690	12-FEB-2011	20:36:23.248	20:49:07.251	764.00300
MA	82690	12-FEB-2011	19:36:04.547	19:48:01.388	716.84100
JO	82690	12-FEB-2011	20:55:35.773	21:10:34.492	898.71900
HO	82691	12-FEB-2011	22:09:58.012	22:20:56.320	658.30800
MM	82691	12-FEB-2011	22:16:23.818	22:28:52.658	748.84000
JO	82691	12-FEB-2011	22:37:32.164	22:45:33.098	480.93400
HO	82692	12-FEB-2011	23:46:41.148	00:01:06.909	865.76100
MM	82692	12-FEB-2011	23:57:20.933	00:08:52.223	691.29000

[[BACK TO MENU](#)]

1.5 - List of corrupted products

Station	Orbit	Time
---------	-------	------

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

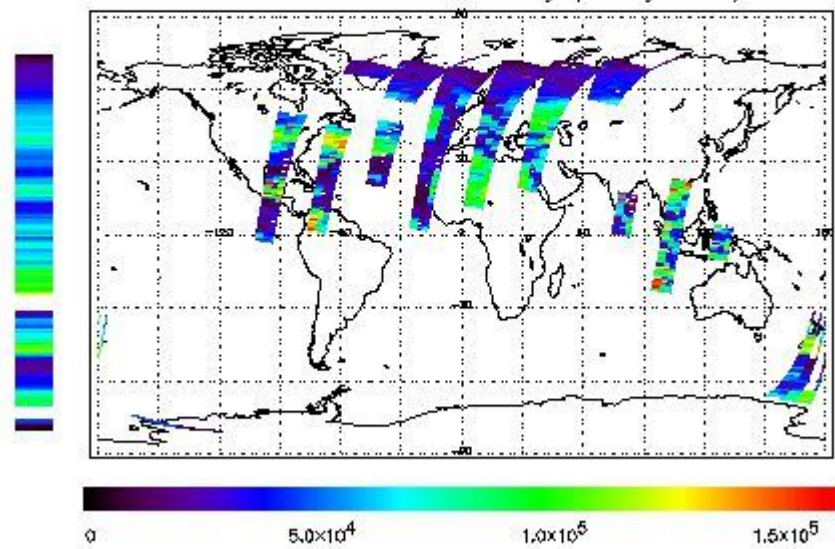
2.2 - Daily Plots

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 : 12-FEB-2011 00:20:12.686 : ORBIT : 82678.5578
 Last Product : 12-FEB-2011 23:18:36.163 : ORBIT : 82692.2597
 Total Products Processed : 18182 Day : 43 Page : 21

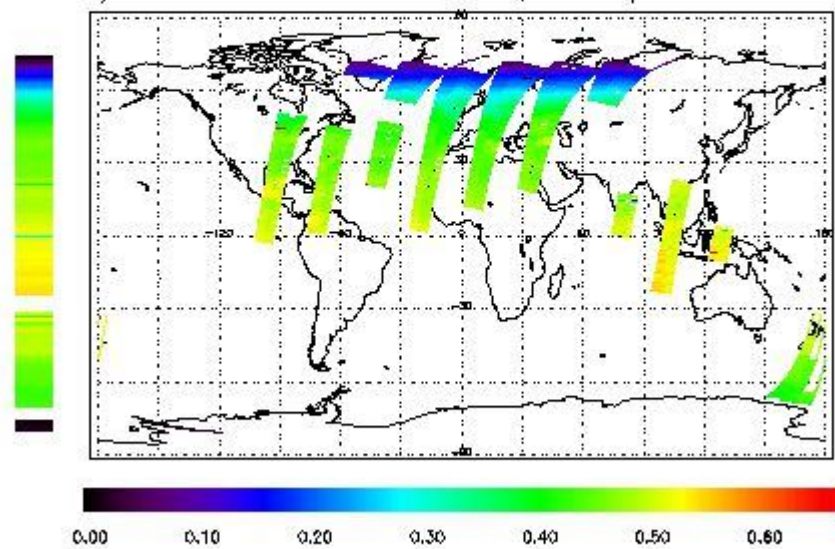
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 12-FEB-2011 00:20:12.686 : ORBIT : 82678.5578
 Last Product : 12-FEB-2011 23:18:36.163 : ORBIT : 82692.2597
 Total Products Processed : 18182 Day : 43 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
--	--	--	--	--

5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility
--	--	--

5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--