

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	16-MAY-2011
Start Time of First Product	23:49:35 (15-May)
Stop Time of Last Product	23:40:03
Number of EGOI Products analysed	34
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110516CMEP6565.E2	16-MAY-2011	03:13:54.384
EGOI_110516CMEP6570.E2	16-MAY-2011	04:51:48.982
EGOI_110516CMEP6576.E2	16-MAY-2011	15:36:18.421
EGOI_110516CMEP6581.E2	16-MAY-2011	17:11:28.003
EGOI_110516GSEP2248.E2	16-MAY-2011	01:36:59.794
EGOI_110516GSEP2279.E2	16-MAY-2011	03:15:03.392
EGOI_110516GSEP2289.E2	16-MAY-2011	04:57:50.523
EGOI_110516KSEP1241.E2	16-MAY-2011	00:06:06.731
EGOI_110516KSEP1256.E2	16-MAY-2011	06:56:22.742

EGOI_110516KSEP1283.E2	16-MAY-2011	08:36:09.852
EGOI_110516KSEP1303.E2	16-MAY-2011	10:15:43.458
EGOI_110516KSEP1332.E2	16-MAY-2011	11:55:03.572
EGOI_110516KSEP1348.E2	16-MAY-2011	13:33:59.671
EGOI_110516KSEP1368.E2	16-MAY-2011	15:12:30.278
EGOI_110516KSEP1382.E2	16-MAY-2011	16:50:11.372
EGOI_110516KSEP1397.E2	16-MAY-2011	18:27:38.970
EGOI_110516KSEP1404.E2	16-MAY-2011	20:06:15.573
EGOI_110516KSEP1421.E2	16-MAY-2011	21:47:11.690
EGOI_110516KSEP1437.E2	16-MAY-2011	23:30:21.320
EGOI_110516MAEP7347.E2	16-MAY-2011	08:44:20.396
EGOI_110516MAEP7362.E2	16-MAY-2011	10:22:42.000
EGOI_110516MAEP7373.E2	16-MAY-2011	19:59:51.537
EGOI_110516MAEP7387.E2	16-MAY-2011	21:43:58.171
EGOI_110516MIEP2196.E2	16-MAY-2011	03:10:37.861
EGOI_110516MIEP2221.E2	16-MAY-2011	04:51:53.482
EGOI_110516MIEP2248.E2	16-MAY-2011	15:29:54.382
EGOI_110516MIEP2275.E2	16-MAY-2011	17:09:45.991
EGOI_110516MSEP7771.E2	15-MAY-2011	23:49:35.134
EGOI_110516MSEP7796.E2	16-MAY-2011	10:30:10.548
EGOI_110516MSEP7825.E2	16-MAY-2011	12:08:02.149
EGOI_110516MSEP7846.E2	16-MAY-2011	21:39:32.641
EGOI_110516MSEP7878.E2	16-MAY-2011	23:16:10.735
EGOI_110516SGEP3223.E2	16-MAY-2011	14:55:39.172
EGOI_110516SGEP3230.E2	16-MAY-2011	16:32:57.770

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	84009	15-MAY-2011	23:55:08.671	00:09:38.963	870.29200
MM	84009	16-MAY-2011	00:06:03.121	00:17:27.088	683.96700
HO	84010	16-MAY-2011	01:36:27.766	01:47:54.313	686.54700
MM	84010	16-MAY-2011	01:48:10.469	01:57:41.790	571.32100
MS	84010	16-MAY-2011	00:43:20.777	00:51:26.101	485.32400
BE	84011	16-MAY-2011	02:53:12.078	03:06:35.701	803.62300
MM	84011	16-MAY-2011	03:31:08.408	03:38:18.377	429.96900
SG	84011	16-MAY-2011	03:04:24.982	03:17:57.738	812.75600

BE	84012	16-MAY-2011	04:33:34.077	04:43:43.944	609.86700
MM	84012	16-MAY-2011	05:14:00.533	05:19:47.139	346.60600
SG	84012	16-MAY-2011	04:45:33.366	04:54:56.517	563.15100
MM	84013	16-MAY-2011	06:55:37.190	07:02:33.887	416.69700
JO	84013	16-MAY-2011	06:37:08.204	06:46:24.584	556.38000
MM	84014	16-MAY-2011	08:36:16.970	08:45:34.523	557.55300
JO	84014	16-MAY-2011	08:12:49.803	08:27:51.291	901.48800
MM	84015	16-MAY-2011	10:16:33.113	10:27:47.980	674.86700
JO	84015	16-MAY-2011	09:55:33.884	10:04:34.027	540.14300
MM	84016	16-MAY-2011	11:56:35.132	12:08:56.917	741.78500
MA	84016	16-MAY-2011	11:16:39.223	11:25:26.189	526.96600
MM	84017	16-MAY-2011	13:36:23.343	13:49:06.822	763.47900
MS	84017	16-MAY-2011	13:00:48.429	13:10:49.333	600.90400
SG	84017	16-MAY-2011	14:03:05.244	14:10:40.586	455.34200
BE	84018	16-MAY-2011	14:09:49.231	14:23:14.128	804.89700
MM	84018	16-MAY-2011	15:15:55.902	15:28:34.966	759.06400
GS	84018	16-MAY-2011	14:37:13.498	14:48:09.177	655.67900
BE	84019	16-MAY-2011	15:52:36.331	16:00:37.299	480.96800
MM	84019	16-MAY-2011	16:55:12.557	17:07:44.357	751.80000
GS	84019	16-MAY-2011	16:15:57.960	16:29:47.524	829.56400
MM	84020	16-MAY-2011	18:34:20.604	18:46:55.952	755.34800
GS	84020	16-MAY-2011	17:56:30.025	18:06:04.746	574.72100
CM	84020	16-MAY-2011	18:08:27.020	18:10:30.030	123.01000
MM	84021	16-MAY-2011	20:13:37.833	20:26:21.375	763.54200
JO	84021	16-MAY-2011	20:32:55.331	20:47:52.656	897.32500
HO	84022	16-MAY-2011	21:48:52.718	21:57:36.765	524.04700
MM	84022	16-MAY-2011	21:53:27.822	22:06:03.245	755.42300
HO	84023	16-MAY-2011	23:24:07.233	23:38:20.657	853.42400
MM	84023	16-MAY-2011	23:34:10.813	23:45:59.733	708.92000
MA	84023	16-MAY-2011	22:35:59.233	22:42:28.657	389.42400

[[BACK TO MENU](#)]

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

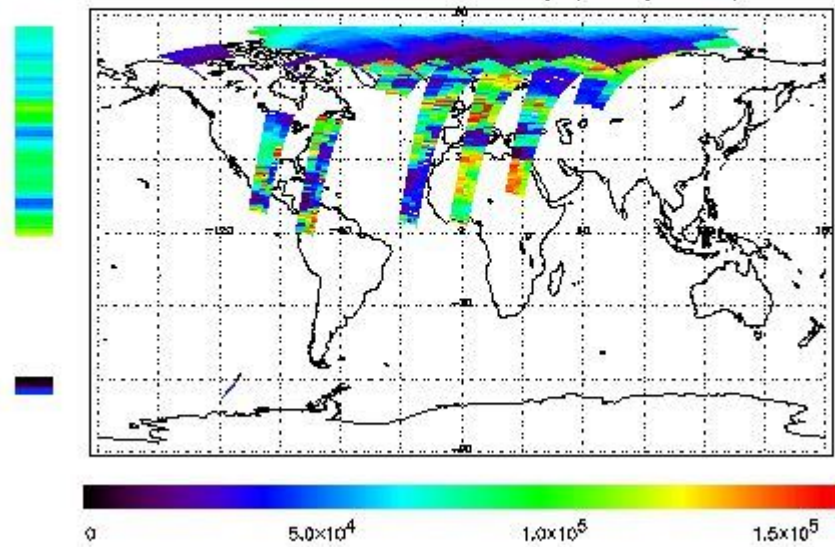
2.2 - Daily Plots

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 : 15-MAY-2011 23:48:35.134 : ORBIT : 84009.4818
 Last Product : 16-MAY-2011 23:40:03.382 : ORBIT : 84023.7015
 Total Products Processed : 14805 Day : 136 Page : 21

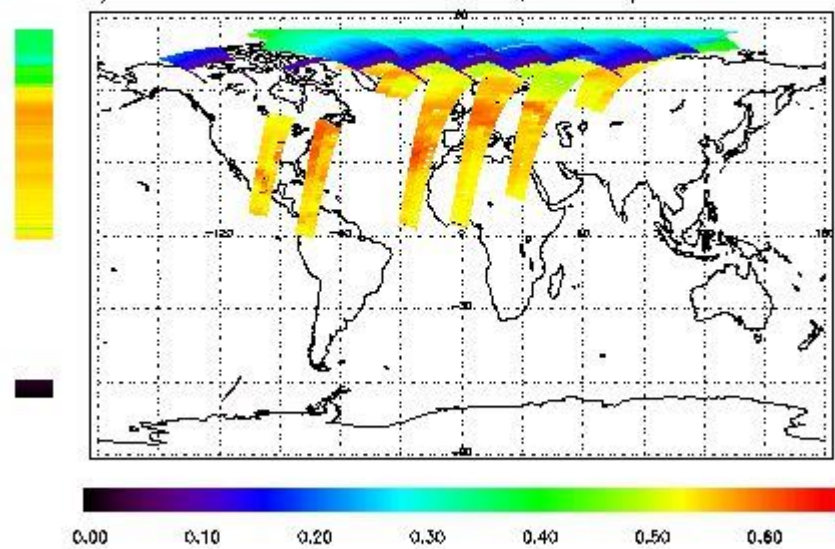
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 15-MAY-2011 23:48:35.134 : ORBIT : 84009.4818
 Last Product : 16-MAY-2011 23:40:03.382 : ORBIT : 84023.7015
 Total Products Processed : 14805 Day : 136 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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