

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	06-APR-2011
Start Time of First Product	23:37:36 (05-May)
Stop Time of Last Product	23:18:20
Number of EGOI Products analysed	33
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110506CMEP6286.E2	06-MAY-2011	03:41:58.292
EGOI_110506CMEP6294.E2	06-MAY-2011	05:23:12.410
EGOI_110506CMEP6302.E2	06-MAY-2011	16:05:10.343
EGOI_110506CMEP6314.E2	06-MAY-2011	17:45:52.953
EGOI_110506GSEP1517.E2	06-MAY-2011	00:34:00.147
EGOI_110506GSEP1538.E2	06-MAY-2011	02:09:12.730
EGOI_110506GSEP1564.E2	06-MAY-2011	03:48:44.835
EGOI_110506GSEP1574.E2	06-MAY-2011	05:31:16.964
EGOI_110506HLEP0162.E2	05-MAY-2011	23:37:35.799

EGOI_110506HLEP0171.E2	06-MAY-2011	01:17:49.908
EGOI_110506HLEP0179.E2	06-MAY-2011	11:47:23.763
EGOI_110506HLEP0189.E2	06-MAY-2011	23:05:06.906
EGOI_110506KSEP9145.E2	06-MAY-2011	07:29:29.686
EGOI_110506KSEP9163.E2	06-MAY-2011	09:09:19.800
EGOI_110506KSEP9184.E2	06-MAY-2011	10:48:54.906
EGOI_110506KSEP9210.E2	06-MAY-2011	12:28:04.513
EGOI_110506KSEP9225.E2	06-MAY-2011	14:06:57.615
EGOI_110506KSEP9239.E2	06-MAY-2011	15:44:40.214
EGOI_110506KSEP9248.E2	06-MAY-2011	17:22:30.312
EGOI_110506KSEP9278.E2	06-MAY-2011	19:00:18.914
EGOI_110506KSEP9298.E2	06-MAY-2011	20:39:31.521
EGOI_110506KSEP9318.E2	06-MAY-2011	22:21:24.639
EGOI_110506MAEP6718.E2	06-MAY-2011	09:16:27.342
EGOI_110506MAEP6737.E2	06-MAY-2011	10:56:06.952
EGOI_110506MAEP6752.E2	06-MAY-2011	22:13:20.090
EGOI_110506MIEP1129.E2	06-MAY-2011	02:06:39.710
EGOI_110506MIEP1149.E2	06-MAY-2011	03:43:41.804
EGOI_110506MIEP1169.E2	06-MAY-2011	14:26:26.232
EGOI_110506MIEP1197.E2	06-MAY-2011	16:02:34.327
EGOI_110506MSEP6611.E2	06-MAY-2011	00:23:43.580
EGOI_110506MSEP6639.E2	06-MAY-2011	11:02:06.989
EGOI_110506MSEP6666.E2	06-MAY-2011	12:41:28.592
EGOI_110506MSEP6691.E2	06-MAY-2011	22:11:00.576

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
---------	-------	------	------------	-----------	--------------

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	83866	06-MAY-2011	00:09:13.586	00:23:50.793	877.20700
MM	83866	06-MAY-2011	00:20:34.519	00:31:45.413	670.89400
HO	83867	06-MAY-2011	01:52:05.858	02:01:33.980	568.12200
MM	83867	06-MAY-2011	02:02:50.680	02:12:02.452	551.77200
BE	83868	06-MAY-2011	03:07:23.469	03:20:47.766	804.29700
MM	83868	06-MAY-2011	03:45:52.487	03:52:43.879	411.39200
SG	83868	06-MAY-2011	03:18:25.976	03:32:16.171	830.19500
BE	83869	06-MAY-2011	04:48:11.051	04:57:04.899	533.84800
MM	83869	06-MAY-2011	05:28:36.726	05:34:23.869	347.14300

MI	83869	06-MAY-2011	04:16:33.630	04:28:38.512	724.88200
SG	83869	06-MAY-2011	05:01:03.730	05:07:40.110	396.38000
MM	83870	06-MAY-2011	07:10:02.385	07:17:18.004	435.61900
KS	83870	06-MAY-2011	06:23:15.388	06:30:28.193	432.80500
JO	83870	06-MAY-2011	06:50:14.626	07:01:17.083	662.45700
MM	83871	06-MAY-2011	08:50:37.467	09:00:14.391	576.92400
MA	83871	06-MAY-2011	08:11:57.016	08:22:16.350	619.33400
JO	83871	06-MAY-2011	08:27:02.652	08:42:00.522	897.87000
MM	83872	06-MAY-2011	10:30:51.350	10:42:18.968	687.61800
MM	83873	06-MAY-2011	12:10:51.474	12:23:18.788	747.31400
MM	83874	06-MAY-2011	13:50:37.569	14:03:21.470	763.90100
SG	83874	06-MAY-2011	14:16:00.872	14:25:59.437	598.56500
BE	83875	06-MAY-2011	14:24:04.914	14:37:23.844	798.93000
MM	83875	06-MAY-2011	15:30:07.765	15:42:45.473	757.70800
GS	83875	06-MAY-2011	14:51:10.065	15:03:36.335	746.27000
SG	83875	06-MAY-2011	15:53:22.094	16:06:46.623	804.52900
CM	83875	06-MAY-2011	15:03:02.023	15:08:00.327	298.30400
MM	83876	06-MAY-2011	17:09:22.505	17:21:54.064	751.55900
GS	83876	06-MAY-2011	16:30:13.416	16:43:49.819	816.40300
MM	83877	06-MAY-2011	18:48:30.539	19:01:07.163	756.62400
GS	83877	06-MAY-2011	18:11:04.962	18:19:22.032	497.07000
JO	83877	06-MAY-2011	19:10:25.449	19:19:16.979	531.53000
MM	83878	06-MAY-2011	20:27:50.996	20:40:34.946	763.95000
MA	83878	06-MAY-2011	19:27:53.332	19:39:19.131	685.79900
JO	83878	06-MAY-2011	20:47:04.317	21:02:05.898	901.58100
HO	83879	06-MAY-2011	22:01:54.497	22:12:13.832	619.33500
MM	83879	06-MAY-2011	22:07:47.479	22:20:19.043	751.56400
JO	83879	06-MAY-2011	22:28:28.288	22:37:51.572	563.28400
HO	83880	06-MAY-2011	23:38:11.696	23:52:34.856	863.16000
MM	83880	06-MAY-2011	23:48:39.234	00:00:17.458	698.22400
KS	83880	06-MAY-2011	22:56:54.812	23:06:45.615	590.80300

[[BACK TO MENU](#)]

1.5 - List of corrupted products

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

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

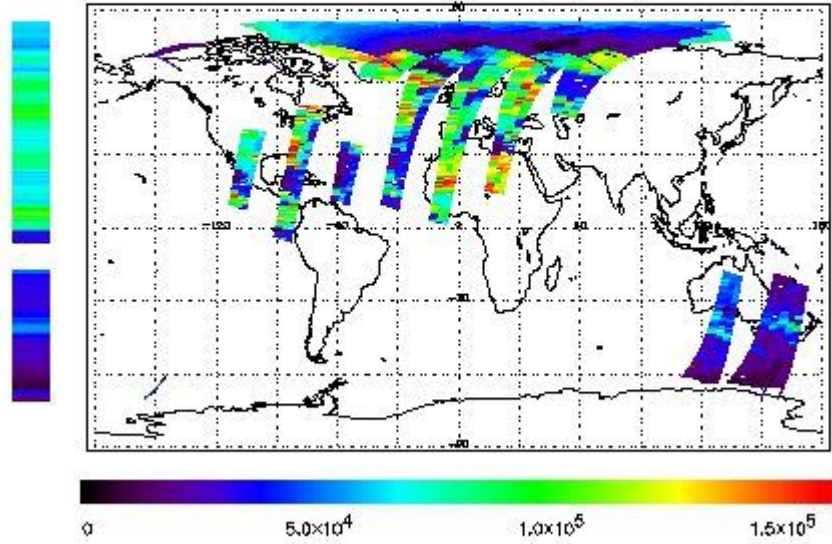
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration 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](#)

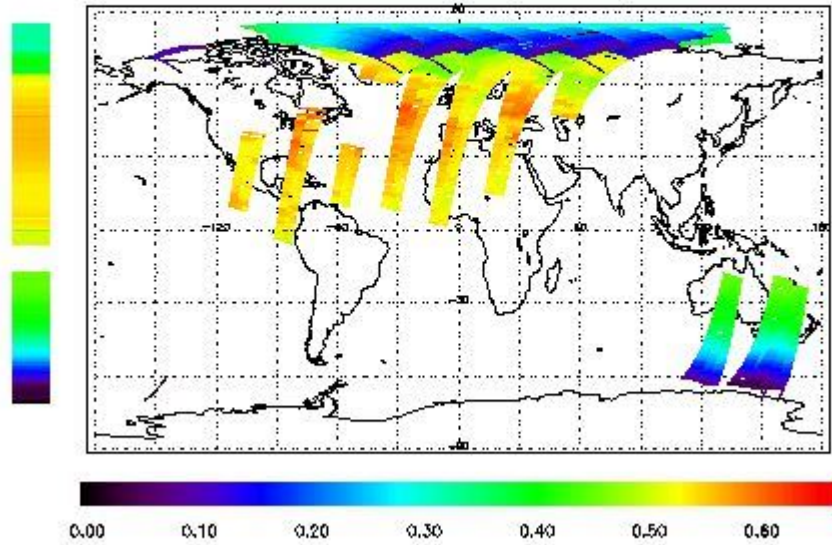
NEAR IR Intensity

778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

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
--	--	--	--