

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	25-MAY-2011
Start Time of First Product	23:49:36 (24-May)
Stop Time of Last Product	23:40:05
Number of EGOI Products analysed	34
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath continued from previous day, stop orbit: 84150; no solar calibration measurements available due to the execution of an ERS2 orbit manoeuvre

1.2 - List of received products

Name	Date	Time
EGOI_110525CMEP6819.E2	25-MAY-2011	03:09:58.616
EGOI_110525CMEP6827.E2	25-MAY-2011	04:51:12.745
EGOI_110525CMEP6835.E2	25-MAY-2011	15:32:45.219
EGOI_110525CMEP6843.E2	25-MAY-2011	17:11:17.321
EGOI_110525GSEP2964.E2	25-MAY-2011	01:37:01.042
EGOI_110525GSEP2994.E2	25-MAY-2011	03:15:03.151
EGOI_110525GSEP3004.E2	25-MAY-2011	04:57:56.290
EGOI_110525KSEP3137.E2	25-MAY-2011	00:06:06.471
EGOI_110525KSEP3153.E2	25-MAY-2011	06:56:21.029

EGOI_110525KSEP3180.E2	25-MAY-2011	08:36:12.643
EGOI_110525KSEP3200.E2	25-MAY-2011	10:15:44.761
EGOI_110525KSEP3229.E2	25-MAY-2011	11:55:04.874
EGOI_110525KSEP3245.E2	25-MAY-2011	13:33:57.988
EGOI_110525KSEP3258.E2	25-MAY-2011	15:12:33.090
EGOI_110525KSEP3272.E2	25-MAY-2011	16:50:14.196
EGOI_110525KSEP3287.E2	25-MAY-2011	18:27:41.798
EGOI_110525KSEP3299.E2	25-MAY-2011	20:06:18.405
EGOI_110525KSEP3317.E2	25-MAY-2011	21:47:11.523
EGOI_110525KSEP3333.E2	25-MAY-2011	23:30:24.152
EGOI_110525MAEP7945.E2	25-MAY-2011	08:44:33.690
EGOI_110525MAEP7960.E2	25-MAY-2011	10:23:16.300
EGOI_110525MAEP7971.E2	25-MAY-2011	20:00:07.861
EGOI_110525MAEP7992.E2	25-MAY-2011	21:39:15.972
EGOI_110525MIEP3138.E2	25-MAY-2011	03:10:37.620
EGOI_110525MIEP3163.E2	25-MAY-2011	04:51:57.749
EGOI_110525MIEP3190.E2	25-MAY-2011	15:29:55.699
EGOI_110525MIEP3217.E2	25-MAY-2011	17:09:45.814
EGOI_110525MSEP8830.E2	24-MAY-2011	23:49:36.366
EGOI_110525MSEP8855.E2	25-MAY-2011	10:30:14.847
EGOI_110525MSEP8884.E2	25-MAY-2011	12:08:01.952
EGOI_110525MSEP8906.E2	25-MAY-2011	21:39:33.972
EGOI_110525MSEP8938.E2	25-MAY-2011	23:16:06.070
EGOI_110525SGEP3417.E2	25-MAY-2011	14:49:50.953
EGOI_110525SGEP3423.E2	25-MAY-2011	16:27:41.060

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	84138	25-MAY-2011	00:12:03.158	00:26:41.161	878.00300
MM	84138	25-MAY-2011	00:23:28.960	00:34:37.112	668.15200
HO	84139	25-MAY-2011	01:55:11.017	02:04:13.710	542.69300
MM	84139	25-MAY-2011	02:05:46.846	02:14:54.637	547.79100
BE	84140	25-MAY-2011	03:10:14.087	03:23:37.435	803.34800
MM	84140	25-MAY-2011	03:48:49.277	03:55:37.115	407.83800
SG	84140	25-MAY-2011	03:21:15.121	03:35:06.920	831.79900
BE	84141	25-MAY-2011	04:51:07.452	04:59:43.599	516.14700

MM	84141	25-MAY-2011	05:31:31.741	05:37:19.433	347.69200
MM	84142	25-MAY-2011	07:12:55.302	07:20:14.830	439.52800
JO	84142	25-MAY-2011	06:52:53.981	07:04:14.010	680.02900
MM	84143	25-MAY-2011	08:53:29.518	09:03:10.231	580.71300
JO	84143	25-MAY-2011	08:29:54.070	08:44:49.834	895.76400
MM	84144	25-MAY-2011	10:33:42.965	10:45:13.003	690.03800
MM	84145	25-MAY-2011	12:13:42.708	12:26:11.019	748.31100
MA	84145	25-MAY-2011	11:34:12.338	11:41:40.298	447.96000
MM	84146	25-MAY-2011	13:53:28.374	14:06:12.301	763.92700
MS	84146	25-MAY-2011	13:18:32.076	13:26:38.229	486.15300
SG	84146	25-MAY-2011	14:18:39.520	14:28:59.882	620.36200
BE	84147	25-MAY-2011	14:26:56.827	14:40:13.417	796.59000
MM	84147	25-MAY-2011	15:32:58.100	15:45:35.537	757.43700
GS	84147	25-MAY-2011	14:53:57.955	15:06:32.462	754.50700
MM	84148	25-MAY-2011	17:12:12.475	17:24:44.017	751.54200
GS	84148	25-MAY-2011	16:33:04.721	16:46:37.649	812.92800
MM	84149	25-MAY-2011	18:51:20.552	19:03:57.442	756.89000
GS	84149	25-MAY-2011	18:14:00.813	18:22:00.164	479.35100
JO	84149	25-MAY-2011	19:13:02.365	19:22:23.666	561.30100
MM	84150	25-MAY-2011	20:30:41.716	20:43:25.700	763.98400
JO	84150	25-MAY-2011	20:49:54.633	21:04:55.707	901.07400
HO	84151	25-MAY-2011	22:04:35.959	22:15:08.173	632.21400
MM	84151	25-MAY-2011	22:10:39.546	22:23:10.236	750.69000
JO	84151	25-MAY-2011	22:31:28.618	22:40:26.556	537.93800
HO	84152	25-MAY-2011	23:41:02.493	23:55:25.474	862.98100
MM	84152	25-MAY-2011	23:51:33.080	00:03:09.036	695.95600

[[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

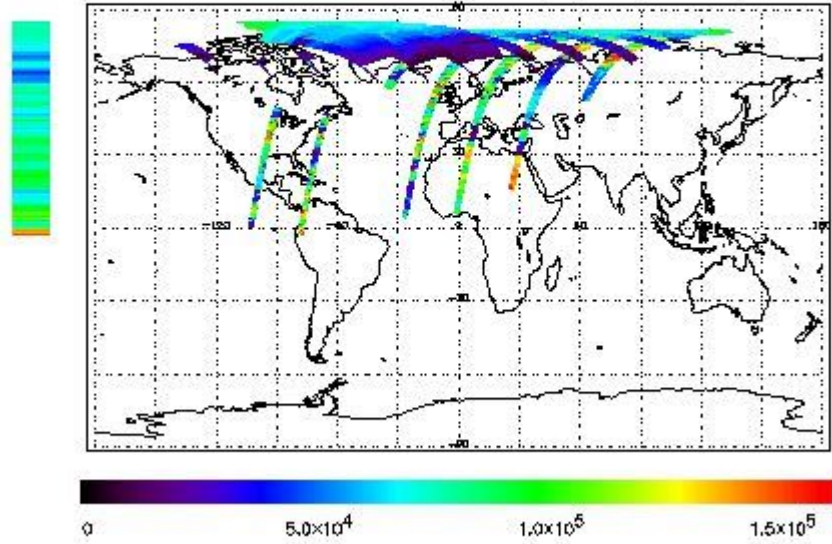
The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explanation see the [GOME Performance Legend](#)

NEAR IR Intensity

First Product : 24-MAY-2011 23:48:36.366 : ORBIT : 84138.3107
Last Product : 25-MAY-2011 23:40:04.714 : ORBIT : 84152.5303
Total Products Processed : 18545 Day : 145

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778 nm Uncalibrated Intensity (Binary Units)

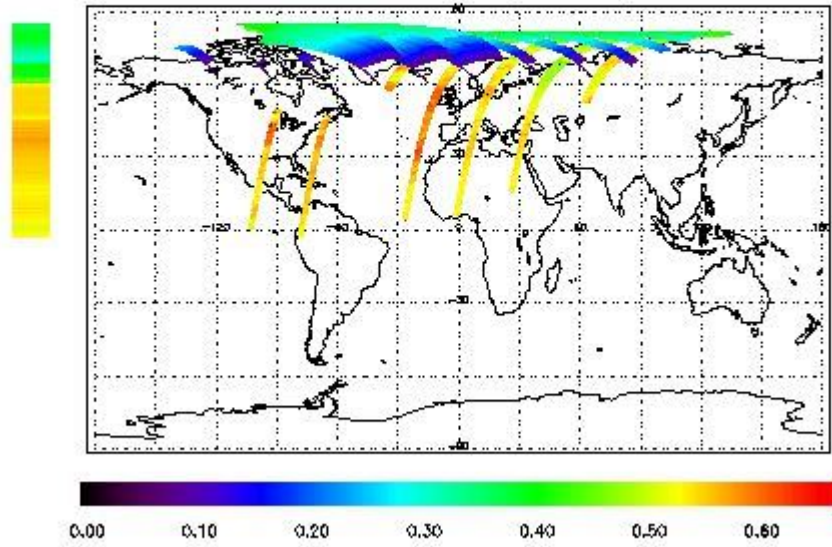


Ozone Line Ratio

First Product : 24-MAY-2011 23:48:36.366 : ORBIT : 84138.3107
Last Product : 25-MAY-2011 23:40:04.714 : ORBIT : 84152.5303
Total Products Processed : 18545 Day : 145

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
20:30	19:00	84136	84150

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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