

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	24-FEB-2011
Start Time of First Product	23:49:13 (23-Feb)
Stop Time of Last Product	22:42:18
Number of EGOI Products analysed	32
Number of corrupted products	--
Anomalies and/or Special Operations	Due to the ERS2 orbit lowering manoeuvre data acquired in the transition period, from 22 February to 10 March, are for internal use only; no solar calibration measurements and Narrow Swath planned during the transition period.

1.2 - List of received products

Name	Date	Time
EGOI_110224CMEP4389.E2	24-FEB-2011	03:09:09.627
EGOI_110224CMEP4395.E2	24-FEB-2011	04:50:49.249
EGOI_110224CMEP4398.E2	24-FEB-2011	15:30:06.667
EGOI_110224CMEP4407.E2	24-FEB-2011	17:08:29.767
EGOI_110224GSEP6436.E2	24-FEB-2011	01:36:33.059
EGOI_110224GSEP6442.E2	24-FEB-2011	03:12:09.646
EGOI_110224GSEP6448.E2	24-FEB-2011	04:56:32.787
EGOI_110224HLEP9413.E2	24-FEB-2011	22:34:40.765
EGOI_110224KSEP3989.E2	24-FEB-2011	00:02:56.482
EGOI_110224KSEP3995.E2	24-FEB-2011	06:53:29.000
EGOI_110224KSEP4001.E2	24-FEB-2011	08:36:07.128
EGOI_110224KSEP4007.E2	24-FEB-2011	10:15:48.244
EGOI_110224KSEP4013.E2	24-FEB-2011	11:52:21.833
EGOI_110224KSEP4019.E2	24-FEB-2011	13:31:14.938
EGOI_110224KSEP4043.E2	24-FEB-2011	15:09:47.042
EGOI_110224KSEP4072.E2	24-FEB-2011	16:47:29.646
EGOI_110224KSEP4103.E2	24-FEB-2011	18:25:00.238
EGOI_110224KSEP4135.E2	24-FEB-2011	20:03:33.843
EGOI_110224KSEP4165.E2	24-FEB-2011	21:44:25.462
EGOI_110224KSEP4190.E2	24-FEB-2011	23:27:35.094
EGOI_110224MIEP4077.E2	24-FEB-2011	03:10:15.634
EGOI_110224MIEP4083.E2	24-FEB-2011	04:51:41.753
EGOI_110224MIEP4100.E2	24-FEB-2011	15:30:24.671
EGOI_110224MIEP4121.E2	24-FEB-2011	17:10:37.279
EGOI_110224MSEP8094.E2	23-FEB-2011	23:49:12.904
EGOI_110224MSEP8101.E2	24-FEB-2011	10:27:31.812
EGOI_110224MSEP8109.E2	24-FEB-2011	12:05:12.913
EGOI_110224MSEP8131.E2	24-FEB-2011	21:37:08.915
EGOI_110224MSEP8164.E2	24-FEB-2011	23:13:35.011
EGOI_110224SGEP1733.E2	24-FEB-2011	02:12:48.278
EGOI_110224SGEP1739.E2	24-FEB-2011	03:50:54.877
EGOI_110224SGEP1744.E2	24-FEB-2011	14:48:39.412

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	82855	24-FEB-2011	08:33:40.965	08:36:07.127	146.16200
KS	82856	24-FEB-2011	10:13:18.640	10:15:48.243	149.60300
GS	82851	24-FEB-2011	01:34:36.104	01:36:33.059	116.95500
MI	82852	24-FEB-2011	03:07:53.183	03:10:15.634	142.45100
MI	82853	24-FEB-2011	04:49:23.756	04:51:41.753	137.99700
MI	82859	24-FEB-2011	15:28:07.079	15:30:24.670	137.59100

MI	82859	24-FEB-2011	15:38:30.717	15:40:58.779	148.06200
MI	82860	24-FEB-2011	17:08:12.217	17:10:37.278	145.06100
SG	82851	24-FEB-2011	02:20:52.824	02:22:01.802	68.978000
SG	82852	24-FEB-2011	03:49:43.233	03:50:54.877	71.644000
SG	82858	24-FEB-2011	14:45:43.139	14:48:39.412	176.27300
SG	82858	24-FEB-2011	14:55:24.454	14:58:30.023	185.56900
CM	82852	24-FEB-2011	03:08:07.778	03:09:09.626	61.848000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	82850	24-FEB-2011	00:40:48.128	00:54:59.714	851.58600
MM	82850	24-FEB-2011	00:52:36.328	01:03:14.732	638.40400
BE	82851	24-FEB-2011	01:59:48.573	02:11:35.131	706.55800
MM	82851	24-FEB-2011	02:35:10.546	02:43:37.593	507.04700
BE	82852	24-FEB-2011	03:38:46.251	03:51:40.525	774.27400
MM	82852	24-FEB-2011	04:18:15.991	04:24:32.334	376.34300
MM	82853	24-FEB-2011	06:00:37.771	06:06:38.696	360.92500
MM	82854	24-FEB-2011	07:41:42.554	07:49:42.571	480.01700
JO	82854	24-FEB-2011	07:19:54.517	07:33:24.723	810.20600
MM	82855	24-FEB-2011	09:22:09.212	09:32:26.033	616.82100
MA	82855	24-FEB-2011	08:42:36.014	08:54:54.807	738.79300
JO	82855	24-FEB-2011	08:58:44.870	09:12:51.856	846.98600
MM	82856	24-FEB-2011	11:02:18.533	11:14:10.386	711.85300
MA	82856	24-FEB-2011	10:21:22.000	10:33:34.079	732.07900
MM	82857	24-FEB-2011	12:42:14.414	12:54:50.791	756.37700
HO	82858	24-FEB-2011	14:31:02.246	14:42:51.053	708.80700
MM	82858	24-FEB-2011	14:21:55.705	14:34:38.972	763.26700
SG	82858	24-FEB-2011	14:45:43.139	14:58:30.023	766.88400
BE	82859	24-FEB-2011	14:55:51.338	15:08:21.190	749.85200
MM	82859	24-FEB-2011	16:01:20.729	16:13:55.598	754.86900
GS	82859	24-FEB-2011	15:22:04.841	15:35:37.796	812.95500
MM	82860	24-FEB-2011	17:40:31.899	17:53:03.862	751.96300
GS	82860	24-FEB-2011	17:01:41.777	17:14:24.187	762.41000
MM	82861	24-FEB-2011	19:19:41.358	19:32:20.954	759.59600
JO	82861	24-FEB-2011	19:39:58.246	19:52:38.374	760.12800

MM	82862	24-FEB-2011	20:59:10.671	21:11:53.979	763.30800
MA	82862	24-FEB-2011	19:58:05.953	20:11:21.984	796.03100
JO	82862	24-FEB-2011	21:18:27.074	21:32:58.335	871.26100
HO	82863	24-FEB-2011	22:31:35.754	22:43:58.986	743.23200
MM	82863	24-FEB-2011	22:39:22.805	22:51:42.803	739.99800
MA	82863	24-FEB-2011	21:37:41.035	21:50:26.398	765.36300
MS	82864	24-FEB-2011	23:14:55.092	23:28:19.212	804.12000
KS	82864	24-FEB-2011	23:29:53.916	23:37:50.249	476.33300

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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	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA Temperatures 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

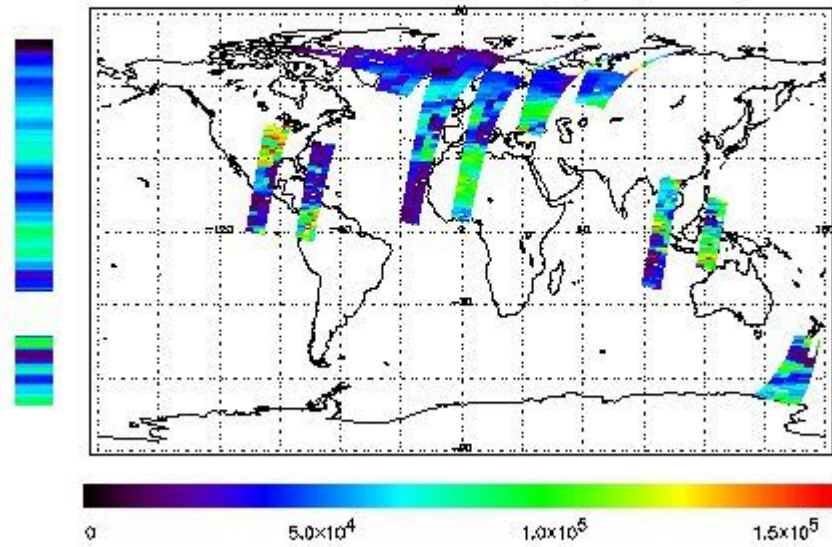
2.2 - Daily Plots

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

FRet Product : 23-FEB-2011 23:49:12.904 : ORBIT : 82850.0211
 Last Product : 24-FEB-2011 22:42:18.312 : ORBIT : 82863.6703
 Total Products Processed : 12999 Day : 55 Page : 21

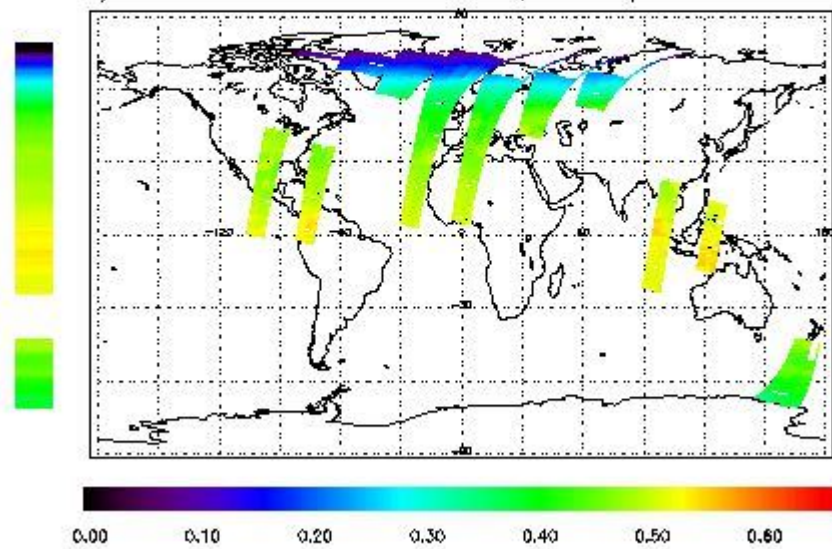
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

FRet Product : 23-FEB-2011 23:49:12.904 : ORBIT : 82850.0211
 Last Product : 24-FEB-2011 22:42:18.312 : ORBIT : 82863.6703
 Total Products Processed : 12999 Day : 55 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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