

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	--
Start Time of First Product	--
Stop Time of Last Product	--
Number of EGOI Products analysed	--
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100218CMEP6731.E2	18-FEB-2010	02:32:20.303
EGOI_100218CMEP6737.E2	18-FEB-2010	04:10:32.910
EGOI_100218GSEP0011.E2	18-FEB-2010	04:15:22.441
EGOI_100218GSEP0018.E2	18-FEB-2010	05:57:44.067
EGOI_100218GSEP9953.E2	18-FEB-2010	00:57:54.227
EGOI_100218GSEP9982.E2	18-FEB-2010	02:34:27.818
EGOI_100218HLEP5039.E2	18-FEB-2010	21:56:12.456
EGOI_100218KSEP5321.E2	18-FEB-2010	06:16:05.173
EGOI_100218KSEP5352.E2	18-FEB-2010	07:55:56.792

EGOI_100218KSEP5374.E2	18-FEB-2010	09:35:34.907
EGOI_100218KSEP5408.E2	18-FEB-2010	11:15:10.019
EGOI_100218KSEP5441.E2	18-FEB-2010	12:54:24.127
EGOI_100218KSEP5453.E2	18-FEB-2010	14:33:14.231
EGOI_100218KSEP5474.E2	18-FEB-2010	16:10:55.331
EGOI_100218KSEP5505.E2	18-FEB-2010	17:48:55.932
EGOI_100218KSEP5536.E2	18-FEB-2010	19:26:55.035
EGOI_100218KSEP5563.E2	18-FEB-2010	21:07:03.155
EGOI_100218KSEP5591.E2	18-FEB-2010	22:49:38.282
EGOI_100218MAEP9076.E2	18-FEB-2010	09:43:13.946
EGOI_100218MAEP9096.E2	18-FEB-2010	20:59:27.108
EGOI_100218MIEP3652.E2	18-FEB-2010	02:31:15.799
EGOI_100218MIEP3669.E2	18-FEB-2010	04:10:31.410
EGOI_100218MIEP3693.E2	18-FEB-2010	14:51:30.841
EGOI_100218MIEP3723.E2	18-FEB-2010	16:29:40.448
EGOI_100218MMEP4001.E2	18-FEB-2010	00:12:37.444
EGOI_100218MMEP4013.E2	18-FEB-2010	08:43:00.078
EGOI_100218MMEP4020.E2	18-FEB-2010	10:23:29.193
EGOI_100218MMEP4028.E2	18-FEB-2010	12:03:50.813
EGOI_100218MMEP4037.E2	18-FEB-2010	13:43:16.922
EGOI_100218MMEP4043.E2	18-FEB-2010	15:22:38.533
EGOI_100218MMEP4049.E2	18-FEB-2010	17:02:30.150
EGOI_100218MMEP4058.E2	18-FEB-2010	20:21:05.868
EGOI_100218MSEP5399.E2	18-FEB-2010	00:51:31.688
EGOI_100218MSEP5419.E2	18-FEB-2010	11:28:17.593
EGOI_100218MSEP5443.E2	18-FEB-2010	13:08:55.710
EGOI_100218SGEP3780.E2	18-FEB-2010	03:12:07.046
EGOI_100218SGEP3786.E2	18-FEB-2010	04:53:16.672
EGOI_100218SGEP3792.E2	18-FEB-2010	14:09:48.586
EGOI_100218SGEP3797.E2	18-FEB-2010	15:47:04.182

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77543	18-FEB-2010	06:14:50.897	06:16:05.172	74.275000
KS	77544	18-FEB-2010	07:53:51.571	07:55:56.792	125.22100
KS	77545	18-FEB-2010	09:33:27.710	09:35:34.907	127.19700
KS	77546	18-FEB-2010	11:13:01.977	11:15:10.018	128.04100
KS	77547	18-FEB-2010	12:52:16.695	12:54:24.127	127.43200
KS	77548	18-FEB-2010	14:31:02.845	14:33:14.230	131.38500
KS	77549	18-FEB-2010	16:08:45.498	16:10:55.331	129.83300
KS	77550	18-FEB-2010	17:46:40.725	17:48:55.932	135.20700

KS	77551	18-FEB-2010	19:25:10.102	19:26:55.035	104.93300
KS	77552	18-FEB-2010	21:05:25.943	21:07:03.154	97.211000
KS	77553	18-FEB-2010	22:47:59.132	22:49:38.282	99.150000
GS	77542	18-FEB-2010	04:13:49.293	04:15:22.441	93.148000
GS	77540	18-FEB-2010	00:56:42.043	00:57:54.226	72.183000
GS	77541	18-FEB-2010	02:32:55.906	02:34:27.817	91.911000
MS	77540	18-FEB-2010	00:49:39.386	00:51:31.688	112.30200
MS	77546	18-FEB-2010	11:25:59.019	11:28:17.592	138.57300
MS	77547	18-FEB-2010	13:06:41.918	13:08:55.709	133.79100
MA	77545	18-FEB-2010	09:41:31.402	09:43:13.945	102.54300
MA	77552	18-FEB-2010	20:57:07.789	20:59:27.108	139.31900
MI	77541	18-FEB-2010	02:29:18.076	02:31:15.798	117.72200
MI	77542	18-FEB-2010	04:07:47.544	04:10:31.410	163.86600
MI	77542	18-FEB-2010	04:18:26.955	04:20:19.372	112.41700
MI	77548	18-FEB-2010	14:49:33.391	14:51:30.841	117.45000
MI	77549	18-FEB-2010	16:27:37.156	16:29:40.448	123.29200
MM	77545	18-FEB-2010	10:22:16.438	10:23:29.192	72.754000
MM	77546	18-FEB-2010	12:02:17.700	12:03:50.813	93.113000
MM	77547	18-FEB-2010	13:42:05.071	13:43:16.922	71.851000
MM	77548	18-FEB-2010	15:21:36.685	15:22:38.533	61.848000
MM	77549	18-FEB-2010	17:00:52.555	17:02:30.149	97.594000
MM	77551	18-FEB-2010	20:19:19.012	20:21:05.867	106.85500
MM	77553	18-FEB-2010	23:39:58.018	23:41:31.099	93.081000
SG	77541	18-FEB-2010	03:10:00.412	03:12:07.045	126.63300
SG	77542	18-FEB-2010	04:51:40.429	04:53:16.671	96.242000
SG	77547	18-FEB-2010	14:08:11.227	14:09:48.586	97.359000
SG	77548	18-FEB-2010	15:44:44.651	15:47:04.181	139.53000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	77539	18-FEB-2010	00:00:48.430	00:15:19.937	871.50700
HO	77540	18-FEB-2010	01:42:37.567	01:53:25.086	647.51900
MM	77540	18-FEB-2010	01:54:02.423	02:03:26.002	563.57900
BE	77541	18-FEB-2010	02:58:52.288	03:12:17.276	804.98800
MM	77541	18-FEB-2010	03:37:02.056	03:44:04.446	422.39000

BE	77542	18-FEB-2010	04:39:23.981	04:49:05.691	581.71000
MM	77542	18-FEB-2010	05:19:51.232	05:25:37.608	346.37600
MM	77543	18-FEB-2010	07:01:23.393	07:08:27.521	424.12800
JO	77543	18-FEB-2010	06:42:20.449	06:52:23.395	602.94600
MA	77544	18-FEB-2010	08:03:53.044	08:13:12.132	559.08800
JO	77544	18-FEB-2010	08:18:30.101	08:33:31.505	901.40400
JO	77545	18-FEB-2010	10:01:51.196	10:09:44.164	472.96800
HO	77546	18-FEB-2010	12:11:28.339	12:25:18.453	830.11400
MA	77546	18-FEB-2010	11:22:31.644	11:30:54.686	503.04200
HO	77547	18-FEB-2010	13:50:40.343	14:04:56.818	856.47500
SG	77547	18-FEB-2010	14:08:11.227	14:16:52.183	520.95600
BE	77548	18-FEB-2010	14:15:30.737	14:28:54.372	803.63500
GS	77548	18-FEB-2010	14:42:47.500	14:53:37.856	650.35600
BE	77549	18-FEB-2010	15:58:50.566	16:05:54.783	424.21700
GS	77549	18-FEB-2010	16:21:39.927	16:35:25.069	825.14200
CM	77549	18-FEB-2010	16:30:16.005	16:42:40.698	744.69300
MM	77550	18-FEB-2010	18:40:00.552	18:52:36.399	755.84700
GS	77550	18-FEB-2010	18:02:19.247	18:11:24.872	545.62500
JO	77550	18-FEB-2010	19:02:44.844	19:09:46.160	421.31600
MA	77551	18-FEB-2010	19:21:42.939	19:30:34.786	531.84700
JO	77551	18-FEB-2010	20:38:34.396	20:53:34.795	900.39900
HO	77552	18-FEB-2010	21:54:05.965	22:03:28.730	562.76500
MM	77552	18-FEB-2010	21:59:11.549	22:11:45.527	753.97800
JO	77552	18-FEB-2010	22:19:31.594	22:30:01.275	629.68100
HO	77553	18-FEB-2010	23:29:43.053	23:44:02.552	859.49900
MS	77553	18-FEB-2010	22:35:31.866	22:48:18.952	767.08600
MA	77553	18-FEB-2010	22:42:26.298	22:47:40.662	314.36400

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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 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

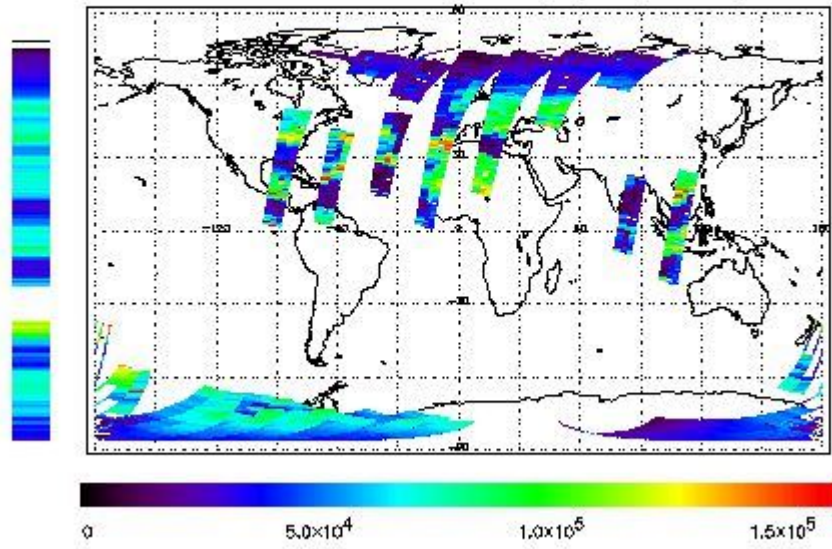
The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explanation see the [GOME Performance Legend](#)

NEAR IR Intensity

First Product : 18-FEB-2010 00:12:37.444 : ORBIT : 77539.6538
Last Product : 18-FEB-2010 23:01:08.356 : ORBIT : 77553.2575
Total Products Processed : 18398 Day : 49

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778 nm Uncalibrated Intensity (Binary Units)

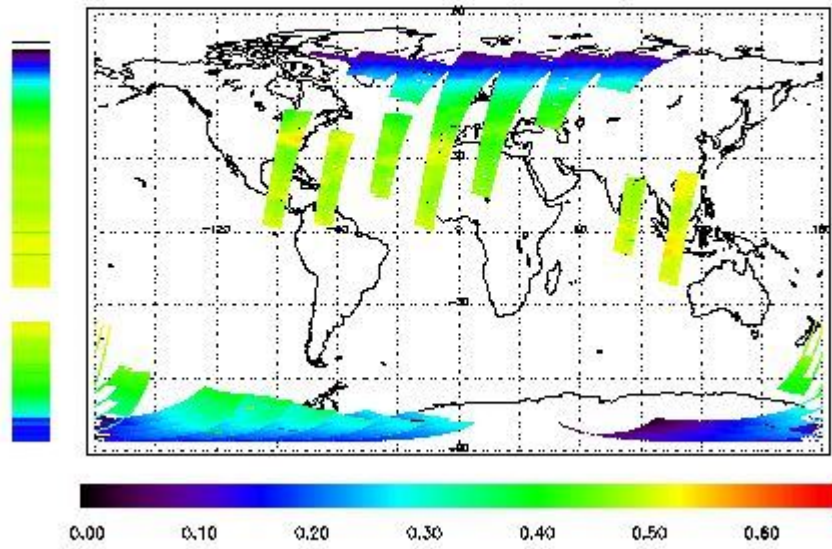


Ozone Line Ratio

First Product : 18-FEB-2010 00:12:37.444 : ORBIT : 77539.6538
Last Product : 18-FEB-2010 23:01:08.356 : ORBIT : 77553.2575
Total Products Processed : 18398 Day : 49

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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
--	--	--

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
--	--	--	--	--

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
--	--	--	--