

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	25-DEC-2010
Start Time of First Product	08:53:19
Stop Time of Last Product	23:48:01
Number of EGOI Products analysed	26
Number of corrupted products	--
Anomalies and/or Special Operations	<i>Narrow Swath continued from previous day, stop orbit: 81983; missing data until ca 08:00 due to IDHT unavailability</i>

1.2 - List of received products

Name	Date	Time
EGOI_101225HLEP8886.E2	25-DEC-2010	22:52:39.409
EGOI_101225KSEP0243.E2	25-DEC-2010	08:53:19.222
EGOI_101225KSEP0264.E2	25-DEC-2010	10:32:58.837
EGOI_101225KSEP0289.E2	25-DEC-2010	12:12:23.450
EGOI_101225KSEP0302.E2	25-DEC-2010	13:51:22.566
EGOI_101225KSEP0327.E2	25-DEC-2010	15:29:45.674
EGOI_101225KSEP0353.E2	25-DEC-2010	17:07:13.274
EGOI_101225KSEP0383.E2	25-DEC-2010	18:45:13.886
EGOI_101225KSEP0414.E2	25-DEC-2010	20:24:18.995

EGOI_101225KSEP0442.E2	25-DEC-2010	22:05:55.623
EGOI_101225MAEP1198.E2	25-DEC-2010	09:01:40.268
EGOI_101225MAEP1208.E2	25-DEC-2010	10:40:27.380
EGOI_101225MIEP8841.E2	25-DEC-2010	15:47:23.284
EGOI_101225MSEP1176.E2	25-DEC-2010	10:47:01.929
EGOI_101225MSEP1204.E2	25-DEC-2010	12:25:43.033
EGOI_101225MSEP1233.E2	25-DEC-2010	21:56:33.064
EGOI_101225MSEP1264.E2	25-DEC-2010	23:34:30.672
EGOI_101225SGEP0383.E2	25-DEC-2010	15:06:38.029
EGOI_101225SGEP0390.E2	25-DEC-2010	16:46:08.645

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81982	25-DEC-2010	08:50:45.602	08:53:19.222	153.62000
KS	81983	25-DEC-2010	10:30:22.938	10:32:58.836	155.89800
KS	81984	25-DEC-2010	12:09:48.277	12:12:23.449	155.17200
KS	81985	25-DEC-2010	13:48:43.192	13:51:22.565	159.37300
KS	81986	25-DEC-2010	15:26:52.612	15:29:45.674	173.06200
KS	81987	25-DEC-2010	17:04:34.642	17:07:13.274	158.63200
KS	81988	25-DEC-2010	18:42:44.053	18:45:13.885	149.83200
KS	81989	25-DEC-2010	20:22:13.382	20:24:18.995	125.61300
KS	81990	25-DEC-2010	22:03:42.048	22:05:55.623	133.57500
KS	81991	25-DEC-2010	23:48:06.104	23:49:44.266	98.162000
MS	81983	25-DEC-2010	10:44:06.301	10:47:01.928	175.62700
MS	81984	25-DEC-2010	12:23:00.977	12:25:43.033	162.05600
MS	81990	25-DEC-2010	21:54:32.070	21:56:33.064	120.99400
MS	81991	25-DEC-2010	23:32:05.797	23:34:30.671	144.87400
MA	81982	25-DEC-2010	08:59:58.639	09:01:40.267	101.62800
MA	81983	25-DEC-2010	10:38:24.002	10:40:27.379	123.37700
MI	81986	25-DEC-2010	15:44:57.454	15:47:23.284	145.83000
SG	81985	25-DEC-2010	15:02:19.959	15:06:38.028	258.06900
SG	81986	25-DEC-2010	16:43:27.277	16:46:08.644	161.36700

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81977	25-DEC-2010	00:58:16.114	01:11:47.918	811.80400

MM	81977	25-DEC-2010	01:10:07.275	01:20:25.894	618.61900
MS	81977	25-DEC-2010	00:04:07.180	00:16:00.205	713.02500
KS	81977	25-DEC-2010	00:22:22.252	00:24:51.690	149.43800
BE	81978	25-DEC-2010	02:16:33.579	02:29:09.380	755.80100
MM	81978	25-DEC-2010	02:52:50.241	03:00:52.467	482.22600
MI	81978	25-DEC-2010	01:50:00.770	01:55:47.961	347.19100
GS	81978	25-DEC-2010	01:51:06.169	02:03:52.494	766.32500
SG	81978	25-DEC-2010	02:28:42.791	02:40:03.088	680.29700
BE	81979	25-DEC-2010	03:55:58.947	04:08:18.213	739.26600
MM	81979	25-DEC-2010	04:35:54.346	04:41:56.345	361.99900
MI	81979	25-DEC-2010	03:24:45.763	03:38:08.417	802.65400
GS	81979	25-DEC-2010	03:29:57.219	03:43:27.732	810.51300
SG	81979	25-DEC-2010	04:07:03.380	04:19:55.308	771.92800
CM	81979	25-DEC-2010	03:24:25.503	03:35:43.192	677.68900
CM	81979	25-DEC-2010	05:04:20.724	05:14:15.474	594.75000
MM	81980	25-DEC-2010	06:18:02.001	06:24:16.921	374.92000
MI	81980	25-DEC-2010	05:08:10.371	05:14:07.620	357.24900
MM	81981	25-DEC-2010	07:58:57.478	08:07:22.306	504.82800
KS	81981	25-DEC-2010	07:11:16.176	07:21:28.858	612.68200
JO	81981	25-DEC-2010	07:36:25.381	07:50:43.347	857.96600
MM	81982	25-DEC-2010	09:39:20.385	09:49:57.119	636.73400
JO	81982	25-DEC-2010	09:16:19.946	09:29:29.170	789.22400
MM	81983	25-DEC-2010	11:19:27.356	11:31:30.250	722.89400
MM	81984	25-DEC-2010	12:59:20.866	13:12:00.549	759.68300
HO	81985	25-DEC-2010	14:48:25.322	14:58:21.872	596.55000
MM	81985	25-DEC-2010	14:38:59.460	14:51:41.692	762.23200
GS	81985	25-DEC-2010	14:01:36.448	14:09:31.193	474.74500
SG	81985	25-DEC-2010	15:02:19.959	15:15:51.287	811.32800
BE	81986	25-DEC-2010	15:13:27.415	15:25:05.071	697.65600
MM	81986	25-DEC-2010	16:18:21.717	16:30:55.290	753.57300
GS	81986	25-DEC-2010	15:39:02.486	15:52:52.733	830.24700
CM	81986	25-DEC-2010	15:48:12.411	15:59:36.670	684.25900
MM	81987	25-DEC-2010	17:57:31.424	18:10:04.133	752.70900
MI	81987	25-DEC-2010	17:25:57.651	17:34:48.065	530.41400
GS	81987	25-DEC-2010	17:18:55.846	17:30:53.404	717.55800
CM	81987	25-DEC-2010	17:28:03.523	17:37:52.549	589.02600

MM	81988	25-DEC-2010	19:36:42.588	19:49:23.709	761.12100
JO	81988	25-DEC-2010	19:56:31.195	20:10:19.134	827.93900
MM	81989	25-DEC-2010	21:16:17.712	21:28:59.572	761.86000
MA	81989	25-DEC-2010	20:14:47.164	20:28:33.973	826.80900
JO	81989	25-DEC-2010	21:35:43.015	21:49:33.652	830.63700
HO	81990	25-DEC-2010	22:48:03.695	23:01:09.898	786.20300
MM	81990	25-DEC-2010	22:56:39.112	23:08:50.885	731.77300
MA	81990	25-DEC-2010	21:55:51.160	22:07:08.379	677.21900

[[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

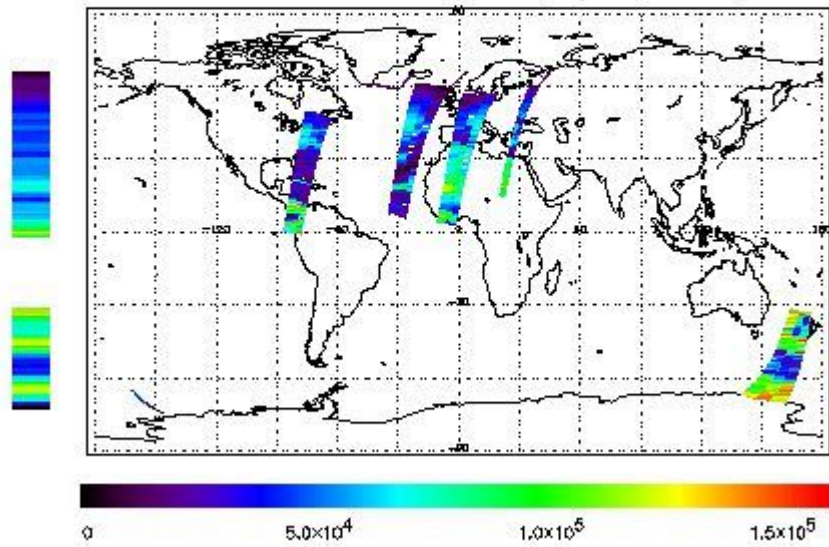
2.2 - Daily Plots

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

File Product : 25-DEC-2010 08:53:19.222 : ORBIT : 81982.2583
 Last Product : 25-DEC-2010 23:48:00.758 : ORBIT : 81991.1520
 Total Products Processed : 9689 Day : 359 Page : 21

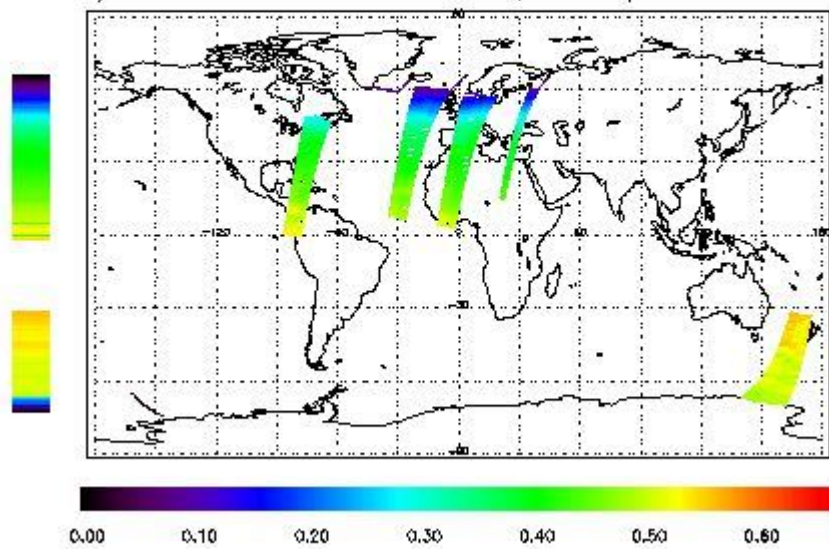
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

File Product : 25-DEC-2010 08:53:19.222 : ORBIT : 81982.2583
 Last Product : 25-DEC-2010 23:48:00.758 : ORBIT : 81991.1520
 Total Products Processed : 9689 Day : 359 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
12:30	10:00	81970	81983

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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