

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	20-MAY-2011
Start Time of First Product	00:59:12
Stop Time of Last Product	23:07:01
Number of EGOI Products analysed	31
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110520CMEP6677.E2	20-MAY-2011	02:41:02.393
EGOI_110520CMEP6685.E2	20-MAY-2011	15:02:45.922
EGOI_110520CMEP6695.E2	20-MAY-2011	16:37:48.001
EGOI_110520GSEP2552.E2	20-MAY-2011	01:05:16.807
EGOI_110520GSEP2584.E2	20-MAY-2011	02:41:53.397
EGOI_110520GSEP2613.E2	20-MAY-2011	04:23:10.514
EGOI_110520GSEP2620.E2	20-MAY-2011	06:05:20.143
EGOI_110520KSEP2102.E2	20-MAY-2011	08:03:05.858
EGOI_110520KSEP2127.E2	20-MAY-2011	09:42:31.963

EGOI_110520KSEP2149.E2	20-MAY-2011	11:22:04.073
EGOI_110520KSEP2166.E2	20-MAY-2011	13:01:04.674
EGOI_110520KSEP2174.E2	20-MAY-2011	14:39:44.281
EGOI_110520KSEP2189.E2	20-MAY-2011	16:17:20.884
EGOI_110520KSEP2217.E2	20-MAY-2011	17:55:03.474
EGOI_110520KSEP2249.E2	20-MAY-2011	19:33:04.076
EGOI_110520KSEP2270.E2	20-MAY-2011	21:13:12.186
EGOI_110520KSEP2286.E2	20-MAY-2011	22:55:39.812
EGOI_110520MAEP7590.E2	20-MAY-2011	08:11:46.409
EGOI_110520MAEP7610.E2	20-MAY-2011	09:50:02.006
EGOI_110520MAEP7633.E2	20-MAY-2011	21:05:39.142
EGOI_110520MAEP7646.E2	20-MAY-2011	22:48:38.268
EGOI_110520MIEP2597.E2	20-MAY-2011	02:38:23.381
EGOI_110520MIEP2626.E2	20-MAY-2011	04:17:13.479
EGOI_110520MIEP2652.E2	20-MAY-2011	14:57:41.391
EGOI_110520MIEP2681.E2	20-MAY-2011	16:36:01.489
EGOI_110520MSEP8253.E2	20-MAY-2011	00:59:12.276
EGOI_110520MSEP8271.E2	20-MAY-2011	09:58:38.061
EGOI_110520MSEP8301.E2	20-MAY-2011	11:35:04.151
EGOI_110520MSEP8326.E2	20-MAY-2011	13:15:46.768
EGOI_110520MSEP8356.E2	20-MAY-2011	22:43:14.234
EGOI_110520SGEP3309.E2	20-MAY-2011	05:01:42.248

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	84067	20-MAY-2011	01:09:53.597	01:22:58.578	784.98100
MM	84067	20-MAY-2011	01:21:48.926	01:31:53.602	604.67600
BE	84068	20-MAY-2011	02:27:47.391	02:40:45.647	778.25600
MM	84068	20-MAY-2011	03:04:37.148	03:12:22.929	465.78100
SG	84068	20-MAY-2011	02:39:33.720	02:51:50.760	737.04000
BE	84069	20-MAY-2011	04:07:29.941	04:19:17.898	707.95700
MM	84069	20-MAY-2011	04:47:38.914	04:53:33.726	354.81200
MM	84070	20-MAY-2011	06:29:36.891	06:36:03.220	386.32900
CM	84070	20-MAY-2011	05:16:24.642	05:24:57.971	513.32900
MM	84071	20-MAY-2011	08:10:26.932	08:19:08.232	521.30000
JO	84071	20-MAY-2011	07:47:32.309	08:02:11.959	879.65000

MM	84072	20-MAY-2011	09:50:47.587	10:01:36.804	649.21700
JO	84072	20-MAY-2011	09:28:12.126	09:40:27.177	735.05100
MM	84073	20-MAY-2011	11:30:53.022	11:43:02.447	729.42500
MA	84073	20-MAY-2011	10:49:55.178	11:01:07.483	672.30500
MM	84074	20-MAY-2011	13:10:44.928	13:23:26.239	761.31100
HO	84075	20-MAY-2011	15:00:05.207	15:09:12.160	546.95300
MM	84075	20-MAY-2011	14:50:21.692	15:03:03.048	761.35600
GS	84075	20-MAY-2011	14:12:25.206	14:21:48.932	563.72600
SG	84075	20-MAY-2011	15:13:31.606	15:27:18.843	827.23700
BE	84076	20-MAY-2011	15:25:19.501	15:36:09.120	649.61900
MM	84076	20-MAY-2011	16:29:42.149	16:42:15.013	752.86400
GS	84076	20-MAY-2011	15:50:22.745	16:04:18.106	835.36100
SG	84076	20-MAY-2011	16:55:47.670	17:03:12.172	444.50200
MM	84077	20-MAY-2011	18:08:51.114	18:21:24.504	753.39000
MI	84077	20-MAY-2011	17:38:02.796	17:45:06.793	423.99700
GS	84077	20-MAY-2011	17:30:27.137	17:41:48.043	680.90600
CM	84077	20-MAY-2011	17:39:57.496	17:48:29.083	511.58700
MM	84078	20-MAY-2011	19:48:03.793	20:00:45.819	762.02600
MA	84078	20-MAY-2011	18:53:07.929	18:57:26.267	258.33800
JO	84078	20-MAY-2011	20:07:39.150	20:21:58.387	859.23700
MM	84079	20-MAY-2011	21:27:43.165	21:40:23.556	760.39100
JO	84079	20-MAY-2011	21:47:17.717	22:00:30.490	792.77300
HO	84080	20-MAY-2011	22:59:14.272	23:12:37.773	803.50100
MM	84080	20-MAY-2011	23:08:11.004	23:20:16.493	725.48900
MS	84081	20-MAY-2011	23:43:39.331	23:56:31.953	772.62200

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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

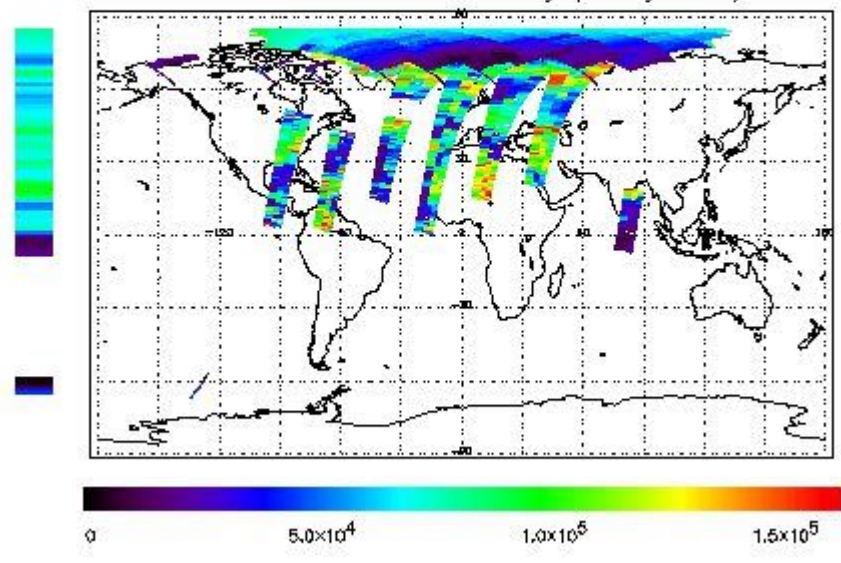
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA 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](#)

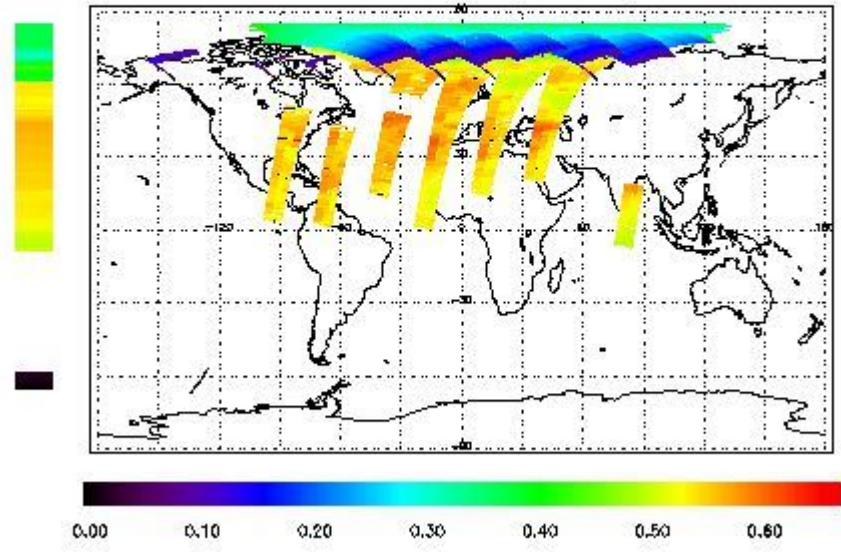
NEAR IR Intensity

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
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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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