

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	22-MAY-2011
Start Time of First Product	23:49:34 (21-May)
Stop Time of Last Product	23:40:05
Number of EGOI Products analysed	36
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110522CMEP6730.E2	22-MAY-2011	03:10:24.667
EGOI_110522CMEP6740.E2	22-MAY-2011	04:59:16.331
EGOI_110522CMEP6747.E2	22-MAY-2011	15:35:17.216
EGOI_110522CMEP6752.E2	22-MAY-2011	17:11:47.810
EGOI_110522GSEP2725.E2	22-MAY-2011	01:37:10.601
EGOI_110522GSEP2756.E2	22-MAY-2011	03:15:00.698
EGOI_110522GSEP2765.E2	22-MAY-2011	04:57:59.830
EGOI_110522KSEP2500.E2	22-MAY-2011	00:06:08.542
EGOI_110522KSEP2516.E2	22-MAY-2011	06:56:24.553

EGOI_110522KSEP2543.E2	22-MAY-2011	08:36:11.658
EGOI_110522KSEP2564.E2	22-MAY-2011	10:15:43.769
EGOI_110522KSEP2593.E2	22-MAY-2011	11:55:05.371
EGOI_110522KSEP2609.E2	22-MAY-2011	13:33:56.977
EGOI_110522KSEP2629.E2	22-MAY-2011	15:12:32.083
EGOI_110522KSEP2643.E2	22-MAY-2011	16:50:13.178
EGOI_110522KSEP2658.E2	22-MAY-2011	18:27:40.772
EGOI_110522KSEP2665.E2	22-MAY-2011	20:06:18.875
EGOI_110522KSEP2682.E2	22-MAY-2011	21:47:10.492
EGOI_110522KSEP2698.E2	22-MAY-2011	23:30:21.618
EGOI_110522MAEP7748.E2	22-MAY-2011	08:44:26.702
EGOI_110522MAEP7765.E2	22-MAY-2011	10:23:15.315
EGOI_110522MAEP7776.E2	22-MAY-2011	19:59:53.339
EGOI_110522MAEP7798.E2	22-MAY-2011	21:39:14.945
EGOI_110522MIEP2814.E2	22-MAY-2011	03:10:38.167
EGOI_110522MIEP2838.E2	22-MAY-2011	04:51:58.292
EGOI_110522MIEP2866.E2	22-MAY-2011	15:29:54.685
EGOI_110522MIEP2893.E2	22-MAY-2011	17:09:47.799
EGOI_110522MSEP8485.E2	21-MAY-2011	23:49:33.940
EGOI_110522MSEP8511.E2	22-MAY-2011	10:30:12.355
EGOI_110522MSEP8540.E2	22-MAY-2011	12:08:02.450
EGOI_110522MSEP8562.E2	22-MAY-2011	21:39:32.945
EGOI_110522MSEP8594.E2	22-MAY-2011	23:16:05.033
EGOI_110522SGEP3338.E2	22-MAY-2011	02:15:15.331
EGOI_110522SGEP3345.E2	22-MAY-2011	03:52:18.925
EGOI_110522SGEP3351.E2	22-MAY-2011	14:49:49.939
EGOI_110522SGEP3358.E2	22-MAY-2011	16:27:41.537

[[BACK TO MENU](#)]

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	84095	22-MAY-2011	00:06:25.023	00:21:00.593	875.57000
MM	84095	22-MAY-2011	00:17:40.131	00:28:53.726	673.59500
HO	84096	22-MAY-2011	01:48:58.531	01:58:53.226	594.69500
MM	84096	22-MAY-2011	01:59:54.553	02:09:10.285	555.73200
BE	84097	22-MAY-2011	03:04:32.964	03:17:57.852	804.88800
MM	84097	22-MAY-2011	03:42:55.687	03:49:50.690	415.00300
BE	84098	22-MAY-2011	04:45:15.030	04:54:25.658	550.62800

MM	84098	22-MAY-2011	05:25:41.637	05:31:28.377	346.74000
SG	84098	22-MAY-2011	04:57:53.717	05:05:11.482	437.76500
MM	84099	22-MAY-2011	07:07:09.429	07:14:21.176	431.74700
JO	84099	22-MAY-2011	06:47:35.884	06:58:19.704	643.82000
MM	84100	22-MAY-2011	08:47:45.401	08:57:18.505	573.10400
JO	84100	22-MAY-2011	08:24:11.520	08:39:11.029	899.50900
MM	84101	22-MAY-2011	10:27:59.724	10:39:24.878	685.15400
JO	84101	22-MAY-2011	10:08:17.580	10:14:45.649	388.06900
MM	84102	22-MAY-2011	12:08:00.228	12:20:26.510	746.28200
MA	84102	22-MAY-2011	11:28:24.914	11:36:24.450	479.53600
HO	84103	22-MAY-2011	13:56:25.431	14:10:23.666	838.23500
MM	84103	22-MAY-2011	13:47:46.750	14:00:30.607	763.85700
MS	84103	22-MAY-2011	13:12:35.924	13:21:24.953	529.02900
SG	84103	22-MAY-2011	14:13:23.183	14:22:58.095	574.91200
BE	84104	22-MAY-2011	14:21:13.264	14:34:34.144	800.88000
MM	84104	22-MAY-2011	15:27:17.419	15:39:55.399	757.98000
GS	84104	22-MAY-2011	14:48:22.353	15:00:39.885	737.53200
BE	84105	22-MAY-2011	16:05:11.998	16:11:05.739	353.74100
MM	84105	22-MAY-2011	17:06:32.529	17:19:04.115	751.58600
GS	84105	22-MAY-2011	16:27:22.182	16:41:01.779	819.59700
MM	84106	22-MAY-2011	18:45:40.535	18:58:16.896	756.36100
GS	84106	22-MAY-2011	18:08:09.440	18:16:43.418	513.97800
JO	84106	22-MAY-2011	19:07:49.978	19:16:08.746	498.76800
MM	84107	22-MAY-2011	20:25:00.306	20:37:44.204	763.89800
JO	84107	22-MAY-2011	20:44:14.171	20:59:15.810	901.63900
MM	84108	22-MAY-2011	22:04:55.458	22:17:27.860	752.40200
JO	84108	22-MAY-2011	22:25:28.737	22:35:15.634	586.89700
HO	84109	22-MAY-2011	23:35:21.112	23:49:44.162	863.05000
MM	84109	22-MAY-2011	23:45:45.443	23:57:25.892	700.44900

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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

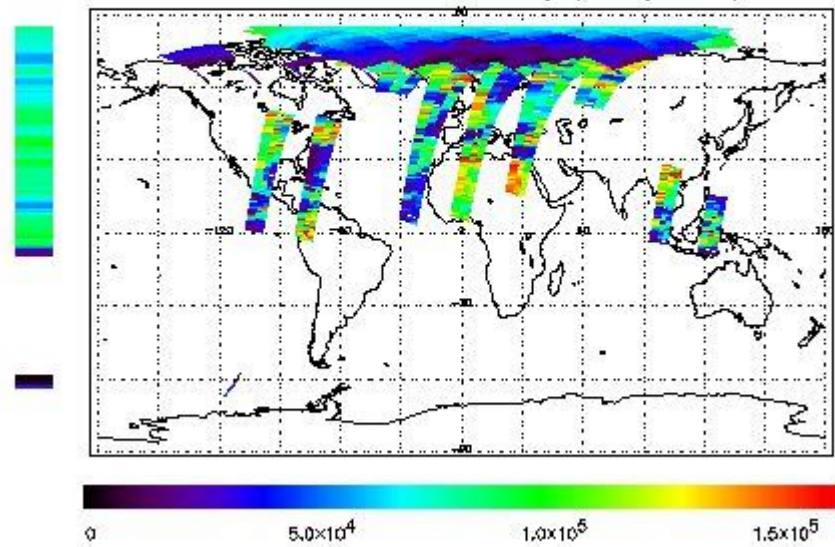
2.2 - Daily Plots

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 : 21-MAY-2011 23:48:33.940 : ORBIT : 84095.3674
 Last Product : 22-MAY-2011 23:40:05.176 : ORBIT : 84109.5875
 Total Products Processed : 18668 Day : 142 Page : 21

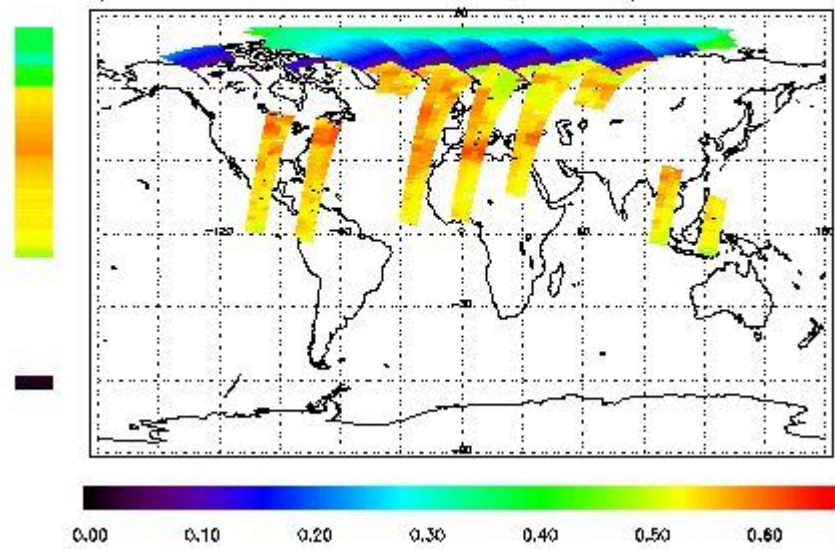
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 21-MAY-2011 23:48:33.940 : ORBIT : 84095.3674
 Last Product : 22-MAY-2011 23:40:05.176 : ORBIT : 84109.5875
 Total Products Processed : 18668 Day : 142 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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