

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	11-APR-2011
Start Time of First Product	00:10:28
Stop Time of Last Product	23:06:54
Number of EGOI Products analysed	39
Number of corrupted products	1
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110411CMEP5651.E2	11-APR-2011	02:40:07.558
EGOI_110411CMEP5657.E2	11-APR-2011	04:16:54.648
EGOI_110411CMEP5665.E2	11-APR-2011	15:01:22.592
EGOI_110411CMEP5671.E2	11-APR-2011	16:37:44.184
EGOI_110411GSEP9567.E2	11-APR-2011	01:05:08.480
EGOI_110411GSEP9599.E2	11-APR-2011	02:41:49.570
EGOI_110411GSEP9628.E2	11-APR-2011	04:23:02.187
EGOI_110411GSEP9635.E2	11-APR-2011	06:05:05.817
EGOI_110411HLEP9875.E2	11-APR-2011	00:10:27.643

EGOI_110411HLEP9883.E2	11-APR-2011	01:52:56.769
EGOI_110411HLEP9895.E2	11-APR-2011	22:01:47.669
EGOI_110411KSEP4124.E2	11-APR-2011	06:23:11.926
EGOI_110411KSEP4148.E2	11-APR-2011	08:02:59.040
EGOI_110411KSEP4174.E2	11-APR-2011	09:42:26.642
EGOI_110411KSEP4197.E2	11-APR-2011	11:21:57.253
EGOI_110411KSEP4214.E2	11-APR-2011	13:00:57.861
EGOI_110411KSEP4223.E2	11-APR-2011	14:39:37.467
EGOI_110411KSEP4236.E2	11-APR-2011	16:17:33.562
EGOI_110411KSEP4264.E2	11-APR-2011	17:55:07.165
EGOI_110411KSEP4296.E2	11-APR-2011	19:32:58.760
EGOI_110411KSEP4319.E2	11-APR-2011	21:13:06.870
EGOI_110411KSEP4336.E2	11-APR-2011	22:55:36.001
EGOI_110411MAEP5160.E2	11-APR-2011	08:11:24.582
EGOI_110411MAEP5182.E2	11-APR-2011	09:49:53.688
EGOI_110411MAEP5205.E2	11-APR-2011	21:05:32.325
EGOI_110411MAEP5219.E2	11-APR-2011	22:48:29.955
EGOI_110411MIEP8608.E2	11-APR-2011	02:37:51.047
EGOI_110411MIEP8637.E2	11-APR-2011	04:16:54.648
EGOI_110411MIEP8663.E2	11-APR-2011	14:57:09.068
EGOI_110411MIEP8693.E2	11-APR-2011	16:35:29.171
EGOI_110411MSEP3588.E2	11-APR-2011	00:59:08.441
EGOI_110411MSEP3603.E2	11-APR-2011	09:58:28.242
EGOI_110411MSEP3632.E2	11-APR-2011	11:34:57.333
EGOI_110411MSEP3656.E2	11-APR-2011	13:15:39.947
EGOI_110411MSEP3686.E2	11-APR-2011	22:43:10.422
EGOI_110411SGEP2670.E2	11-APR-2011	03:19:33.297
EGOI_110411SGEP2678.E2	11-APR-2011	05:01:33.922
EGOI_110411SGEP2684.E2	11-APR-2011	14:22:44.858
EGOI_110411SGEP2691.E2	11-APR-2011	16:02:42.472

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	83508	10-APR-2011	23:55:08.671	00:09:38.963	870.29200
MM	83508	11-APR-2011	00:06:03.121	00:17:27.088	683.96700
HO	83509	11-APR-2011	01:36:27.766	01:47:54.313	686.54700
MM	83509	11-APR-2011	01:48:10.469	01:57:41.790	571.32100
BE	83510	11-APR-2011	02:53:12.078	03:06:35.701	803.62300

MM	83510	11-APR-2011	03:31:08.408	03:38:18.377	429.96900
BE	83511	11-APR-2011	04:33:34.077	04:43:43.944	609.86700
MM	83511	11-APR-2011	05:14:00.533	05:19:47.139	346.60600
MM	83512	11-APR-2011	06:55:37.190	07:02:33.887	416.69700
JO	83512	11-APR-2011	06:37:08.204	06:46:24.584	556.38000
MM	83513	11-APR-2011	08:36:16.970	08:45:34.523	557.55300
JO	83513	11-APR-2011	08:12:49.803	08:27:51.291	901.48800
MM	83514	11-APR-2011	10:16:33.112	10:27:47.979	674.86700
JO	83514	11-APR-2011	09:55:33.883	10:04:34.026	540.14300
MM	83515	11-APR-2011	11:56:35.132	12:08:56.917	741.78500
MA	83515	11-APR-2011	11:16:39.223	11:25:26.189	526.96600
MM	83516	11-APR-2011	13:36:23.343	13:49:06.822	763.47900
SG	83516	11-APR-2011	14:03:05.244	14:10:40.586	455.34200
BE	83517	11-APR-2011	14:09:49.231	14:23:14.128	804.89700
MM	83517	11-APR-2011	15:15:55.902	15:28:34.966	759.06400
GS	83517	11-APR-2011	14:37:13.498	14:48:09.177	655.67900
BE	83518	11-APR-2011	15:52:36.331	16:00:37.299	480.96800
MM	83518	11-APR-2011	16:55:12.557	17:07:44.357	751.80000
GS	83518	11-APR-2011	16:15:57.960	16:29:47.524	829.56400
MM	83519	11-APR-2011	18:34:20.604	18:46:55.952	755.34800
GS	83519	11-APR-2011	17:56:30.025	18:06:04.746	574.72100
CM	83519	11-APR-2011	18:08:27.020	18:10:30.030	123.01000
MM	83520	11-APR-2011	20:13:37.833	20:26:21.375	763.54200
MA	83520	11-APR-2011	19:16:24.882	19:24:43.809	498.92700
JO	83520	11-APR-2011	20:32:55.331	20:47:52.656	897.32500
HO	83521	11-APR-2011	21:48:52.717	21:57:36.764	524.04700
MM	83521	11-APR-2011	21:53:27.821	22:06:03.244	755.42300
HO	83522	11-APR-2011	23:24:07.233	23:38:20.657	853.42400
MM	83522	11-APR-2011	23:34:10.813	23:45:59.733	708.92000

[[BACK TO MENU](#)]

1.5 - List of corrupted products

Station	Orbit	Time
HO	83509	02:01:07.320

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

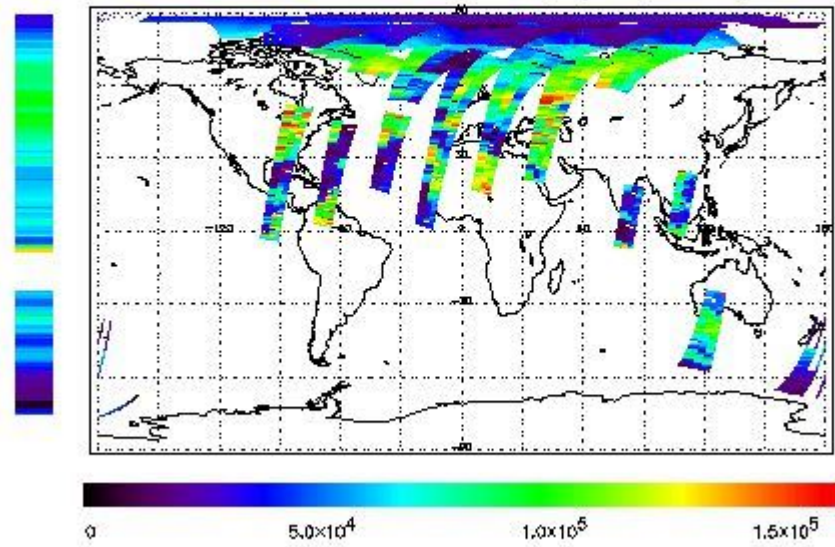
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration 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](#)

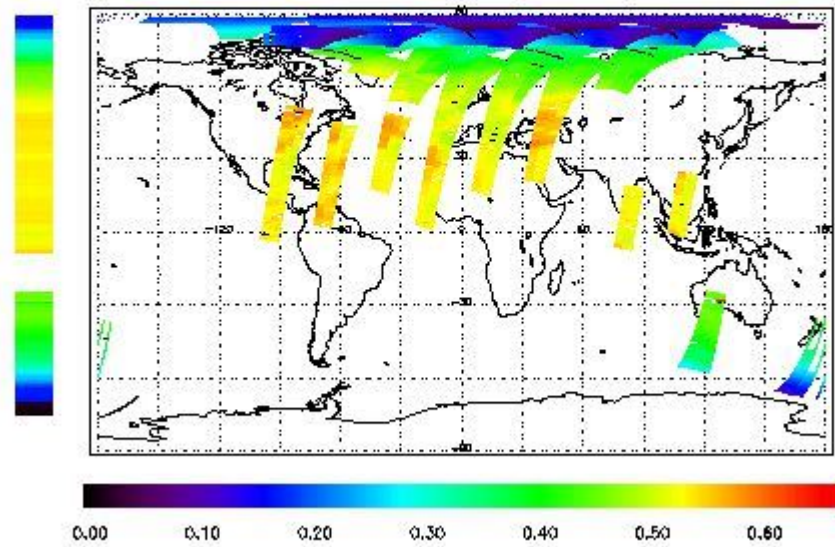
NEAR IR Intensity

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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(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors