

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	03-JUN-2011
Start Time of First Product	23:49:38 (-2-Jun)
Stop Time of Last Product	23:40:06
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_110603CMEP7087.E2	03-JUN-2011	03:10:04.343
EGOI_110603CMEP7093.E2	03-JUN-2011	04:51:13.956
EGOI_110603CMEP7101.E2	03-JUN-2011	15:32:40.373
EGOI_110603CMEP7110.E2	03-JUN-2011	17:11:24.472
EGOI_110603GSEP3660.E2	03-JUN-2011	01:37:00.768
EGOI_110603GSEP3691.E2	03-JUN-2011	03:15:04.366
EGOI_110603GSEP3701.E2	03-JUN-2011	04:57:48.499
EGOI_110603KSEP5034.E2	03-JUN-2011	00:06:46.722
EGOI_110603KSEP5057.E2	03-JUN-2011	06:56:26.724

EGOI_110603KSEP5085.E2	03-JUN-2011	08:36:12.330
EGOI_110603KSEP5105.E2	03-JUN-2011	10:15:44.432
EGOI_110603KSEP5134.E2	03-JUN-2011	11:55:06.038
EGOI_110603KSEP5150.E2	03-JUN-2011	13:33:59.140
EGOI_110603KSEP5170.E2	03-JUN-2011	15:12:23.748
EGOI_110603KSEP5185.E2	03-JUN-2011	16:49:55.843
EGOI_110603KSEP5200.E2	03-JUN-2011	18:27:38.441
EGOI_110603KSEP5213.E2	03-JUN-2011	20:06:16.543
EGOI_110603KSEP5231.E2	03-JUN-2011	21:47:21.660
EGOI_110603KSEP5245.E2	03-JUN-2011	23:31:25.294
EGOI_110603MAEP8540.E2	03-JUN-2011	08:43:51.370
EGOI_110603MAEP8555.E2	03-JUN-2011	10:23:59.483
EGOI_110603MAEP8566.E2	03-JUN-2011	20:00:13.504
EGOI_110603MAEP8587.E2	03-JUN-2011	21:39:20.113
EGOI_110603MIEP4062.E2	03-JUN-2011	03:10:38.847
EGOI_110603MIEP4086.E2	03-JUN-2011	04:51:58.960
EGOI_110603MIEP4113.E2	03-JUN-2011	15:29:56.858
EGOI_110603MIEP4140.E2	03-JUN-2011	17:09:49.964
EGOI_110603MSEP9874.E2	02-JUN-2011	23:49:37.616
EGOI_110603MSEP9899.E2	03-JUN-2011	10:30:13.024
EGOI_110603MSEP9928.E2	03-JUN-2011	12:08:06.123
EGOI_110603MSEP9950.E2	03-JUN-2011	21:39:36.617
EGOI_110603MSEP9982.E2	03-JUN-2011	23:16:05.701
EGOI_110603SGEP3612.E2	03-JUN-2011	02:18:28.022
EGOI_110603SGEP3619.E2	03-JUN-2011	03:59:01.636
EGOI_110603SGEP3626.E2	03-JUN-2011	14:49:52.112
EGOI_110603SGEP3632.E2	03-JUN-2011	16:27:42.214

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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	84267	03-JUN-2011	00:29:05.336	00:43:42.427	877.09100
MM	84267	03-JUN-2011	00:40:56.742	00:51:47.543	650.80100
BE	84268	03-JUN-2011	01:48:43.494	01:59:44.552	661.05800
MM	84268	03-JUN-2011	02:23:24.652	02:32:08.158	523.50600
BE	84269	03-JUN-2011	03:27:20.078	03:40:30.266	790.18800
MM	84269	03-JUN-2011	04:06:29.628	04:12:57.582	387.95400
MM	84270	03-JUN-2011	05:49:00.243	05:54:54.244	354.00100

MM	84271	03-JUN-2011	07:30:12.044	07:37:55.638	463.59400
JO	84271	03-JUN-2011	07:09:01.084	07:21:47.887	766.80300
MM	84272	03-JUN-2011	09:10:41.505	09:20:44.296	602.79100
JO	84272	03-JUN-2011	08:47:08.770	09:01:41.640	872.87000
MM	84273	03-JUN-2011	10:50:52.434	11:02:36.079	703.64500
MM	84274	03-JUN-2011	12:30:49.874	12:43:23.426	753.55200
MA	84274	03-JUN-2011	11:51:59.582	11:57:05.333	305.75100
HO	84275	03-JUN-2011	14:19:29.912	14:32:10.031	760.11900
MM	84275	03-JUN-2011	14:10:32.932	14:23:16.646	763.71400
SG	84275	03-JUN-2011	14:34:46.961	14:46:48.150	721.18900
BE	84276	03-JUN-2011	14:44:14.024	14:57:07.962	773.93800
MM	84276	03-JUN-2011	15:49:59.829	16:02:35.681	755.85200
GS	84276	03-JUN-2011	15:10:48.524	15:24:02.934	794.41000
MM	84277	03-JUN-2011	17:29:12.177	17:41:43.845	751.66800
GS	84277	03-JUN-2011	16:50:14.057	17:03:20.170	786.11300
MM	84278	03-JUN-2011	19:08:20.872	19:20:59.390	758.51800
JO	84278	03-JUN-2011	19:29:04.273	19:40:41.284	697.01100
MM	84279	03-JUN-2011	20:47:46.693	21:00:30.512	763.81900
JO	84279	03-JUN-2011	21:07:00.065	21:21:48.704	888.63900
HO	84280	03-JUN-2011	22:20:43.732	22:32:30.253	706.52100
MM	84280	03-JUN-2011	22:27:52.926	22:40:17.640	744.71400
HO	84281	03-JUN-2011	23:57:58.440	00:12:29.490	871.05000

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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

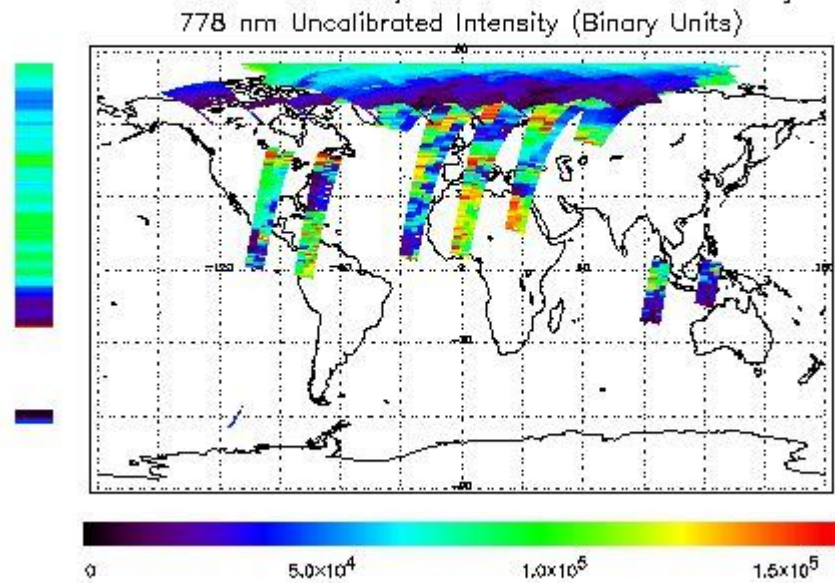
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA Temperaturas B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	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 : 02-JUN-2011 23:49:37.616 : ORBIT : 84267.1395
 Last Product : 03-JUN-2011 23:40:05.848 : ORBIT : 84281.3590
 Total Products Processed : 18980 Day : 154 Page : 21

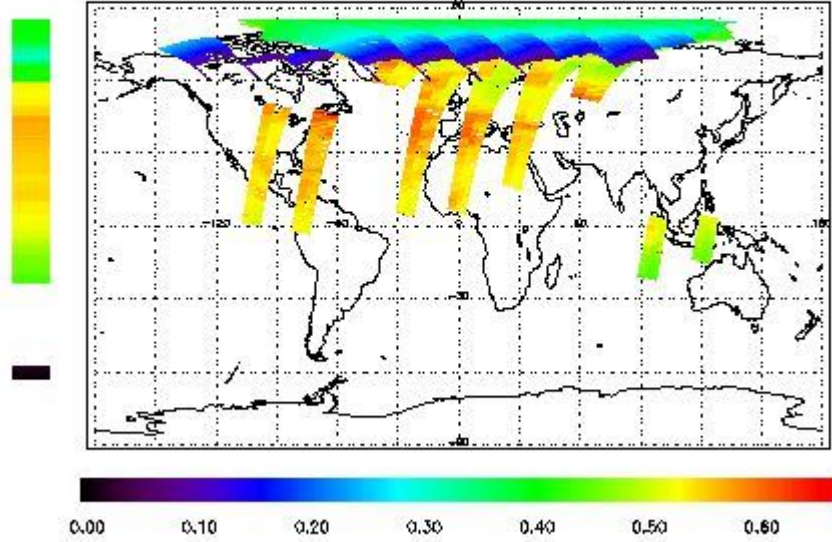


Ozone Line Ratio

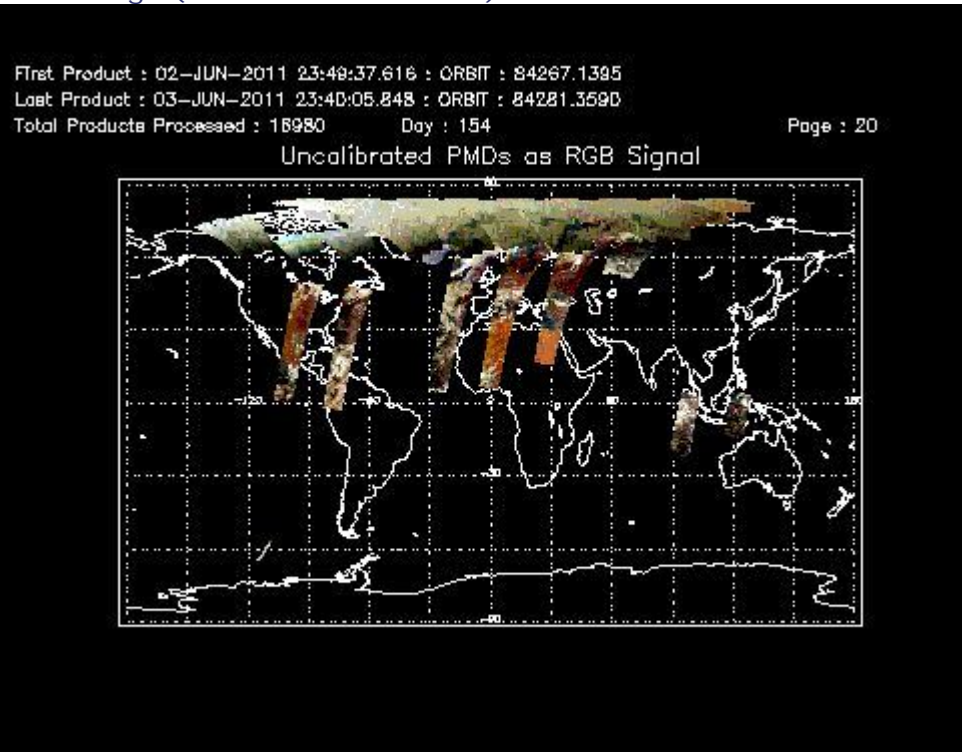
First Product : 02-JUN-2011 23:49:37.616 : ORBIT : 84267.1395
 Last Product : 03-JUN-2011 23:40:05.848 : ORBIT : 84281.3590
 Total Products Processed : 18980 Day : 154

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331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



PMD Image (Earthshine Radiance)



3 - Instrument Calibration

3.1 - Solar Calibration (Daily/TST44)

Daily(D)/TST44(T)	Start Time	End Time (T)	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	16:49:56	--	84277	Yes	--	--

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(Q)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any) (V)	Lamp Failure N. (if any)
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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	End Orbit	MPS Resumption	Ground Station Visibility
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
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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
--	--	--	--	--

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