

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	18-JUN-2010
Start Time of First Product	17-JUN-2010 23:51:49
Stop Time of Last Product	23:29:01
Number of EGOI Products analysed	29
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100618BEEP3065.E2	18-JUN-2010	03:29:10.681
EGOI_100618GSEP8756.E2	18-JUN-2010	01:25:02.431
EGOI_100618GSEP8788.E2	18-JUN-2010	03:02:12.025
EGOI_100618GSEP8816.E2	18-JUN-2010	04:44:51.650
EGOI_100618GSEP8822.E2	18-JUN-2010	06:26:44.768
EGOI_100618KSEP4395.E2	17-JUN-2010	23:51:49.860
EGOI_100618KSEP4408.E2	18-JUN-2010	06:43:56.873
EGOI_100618KSEP4427.E2	18-JUN-2010	08:23:52.982
EGOI_100618KSEP4445.E2	18-JUN-2010	10:03:32.593

EGOI_100618KSEP4466.E2	18-JUN-2010	11:43:07.699
EGOI_100618KSEP4484.E2	18-JUN-2010	13:22:08.306
EGOI_100618KSEP4493.E2	18-JUN-2010	15:00:50.908
EGOI_100618KSEP4520.E2	18-JUN-2010	16:38:24.503
EGOI_100618KSEP4550.E2	18-JUN-2010	18:16:28.106
EGOI_100618KSEP4581.E2	18-JUN-2010	19:54:57.204
EGOI_100618KSEP4603.E2	18-JUN-2010	21:35:47.322
EGOI_100618KSEP4621.E2	18-JUN-2010	23:18:40.445
EGOI_100618MAEP3446.E2	18-JUN-2010	08:31:45.529
EGOI_100618MAEP3460.E2	18-JUN-2010	10:11:01.136
EGOI_100618MAEP3477.E2	18-JUN-2010	21:27:47.275
EGOI_100618MSEP9317.E2	18-JUN-2010	10:18:26.683
EGOI_100618MSEP9341.E2	18-JUN-2010	11:56:03.279
EGOI_100618MSEP9360.E2	18-JUN-2010	13:38:11.404
EGOI_100618MSEP9378.E2	18-JUN-2010	21:28:57.779
EGOI_100618MSEP9410.E2	18-JUN-2010	23:04:58.367
EGOI_100618SGEP6385.E2	18-JUN-2010	02:04:22.166
EGOI_100618SGEP6392.E2	18-JUN-2010	03:47:16.791
EGOI_100618SGEP6399.E2	18-JUN-2010	14:37:25.267
EGOI_100618SGEP6405.E2	18-JUN-2010	16:15:33.370

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79262	18-JUN-2010	08:22:18.030	08:23:52.981	94.951000
KS	79263	18-JUN-2010	10:01:55.619	10:03:32.592	96.973000
KS	79264	18-JUN-2010	11:41:26.129	11:43:07.699	101.57000
KS	79265	18-JUN-2010	13:20:31.734	13:22:08.306	96.572000
KS	79266	18-JUN-2010	14:59:05.992	15:00:50.907	104.91500
KS	79267	18-JUN-2010	16:36:42.910	16:38:24.502	101.59200
KS	79268	18-JUN-2010	18:14:35.174	18:16:28.106	112.93200
KS	79269	18-JUN-2010	19:53:37.308	19:54:57.204	79.896000
KS	79270	18-JUN-2010	21:34:27.933	21:35:47.322	79.389000
GS	79258	18-JUN-2010	01:23:40.852	01:25:02.431	81.579000
MS	79263	18-JUN-2010	10:16:43.662	10:18:26.682	103.02000
MS	79264	18-JUN-2010	11:54:16.990	11:56:03.279	106.28900
MS	79271	18-JUN-2010	23:03:33.966	23:04:58.367	84.401000
MA	79263	18-JUN-2010	10:09:59.665	10:11:01.135	61.470000
MA	79270	18-JUN-2010	21:26:04.639	21:27:47.275	102.63600
BE	79259	18-JUN-2010	03:27:20.077	03:29:10.681	110.60400

SG	79258	18-JUN-2010	02:02:34.381	02:04:22.165	107.78400
SG	79259	18-JUN-2010	03:38:16.340	03:47:16.791	540.45100
SG	79265	18-JUN-2010	14:34:46.960	14:37:25.267	158.30700
SG	79266	18-JUN-2010	16:13:41.973	16:15:33.370	111.39700

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79257	18-JUN-2010	00:29:05.334	00:43:42.425	877.09100
MM	79257	18-JUN-2010	00:40:56.740	00:51:47.541	650.80100
BE	79258	18-JUN-2010	01:48:43.493	01:59:44.551	661.05800
MM	79258	18-JUN-2010	02:23:24.651	02:32:08.157	523.50600
MM	79259	18-JUN-2010	04:06:29.627	04:12:57.581	387.95400
MI	79259	18-JUN-2010	02:56:44.516	03:09:34.526	770.01000
CM	79259	18-JUN-2010	02:57:28.451	03:06:19.254	530.80300
CM	79259	18-JUN-2010	04:34:57.283	04:46:47.251	709.96800
MM	79260	18-JUN-2010	05:49:00.242	05:54:54.243	354.00100
MI	79260	18-JUN-2010	04:37:18.100	04:47:49.570	631.47000
MM	79261	18-JUN-2010	07:30:12.043	07:37:55.637	463.59400
JO	79261	18-JUN-2010	07:09:01.083	07:21:47.886	766.80300
MM	79262	18-JUN-2010	09:10:41.503	09:20:44.294	602.79100
JO	79262	18-JUN-2010	08:47:08.768	09:01:41.638	872.87000
MM	79263	18-JUN-2010	10:50:52.432	11:02:36.077	703.64500
MM	79264	18-JUN-2010	12:30:49.872	12:43:23.424	753.55200
MA	79264	18-JUN-2010	11:51:59.580	11:57:05.331	305.75100
HO	79265	18-JUN-2010	14:19:29.911	14:32:10.030	760.11900
MM	79265	18-JUN-2010	14:10:32.931	14:23:16.645	763.71400
BE	79266	18-JUN-2010	14:44:14.023	14:57:07.961	773.93800
MM	79266	18-JUN-2010	15:49:59.828	16:02:35.680	755.85200
MI	79266	18-JUN-2010	15:16:58.693	15:29:21.116	742.42300
GS	79266	18-JUN-2010	15:10:48.523	15:24:02.933	794.41000
CM	79266	18-JUN-2010	15:21:00.822	15:29:54.611	533.78900
MM	79267	18-JUN-2010	17:29:12.176	17:41:43.844	751.66800
MI	79267	18-JUN-2010	16:56:30.761	17:08:04.347	693.58600
GS	79267	18-JUN-2010	16:50:14.056	17:03:20.169	786.11300
CM	79267	18-JUN-2010	16:58:53.589	17:10:37.888	704.29900

MM	79268	18-JUN-2010	19:08:20.871	19:20:59.389	758.51800
JO	79268	18-JUN-2010	19:29:04.272	19:40:41.283	697.01100
MM	79269	18-JUN-2010	20:47:46.691	21:00:30.510	763.81900
MA	79269	18-JUN-2010	19:47:03.238	19:59:41.198	757.96000
JO	79269	18-JUN-2010	21:07:00.063	21:21:48.702	888.63900
HO	79270	18-JUN-2010	22:20:43.730	22:32:30.251	706.52100
MM	79270	18-JUN-2010	22:27:52.924	22:40:17.638	744.71400
HO	79271	18-JUN-2010	23:57:58.438	00:12:29.488	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

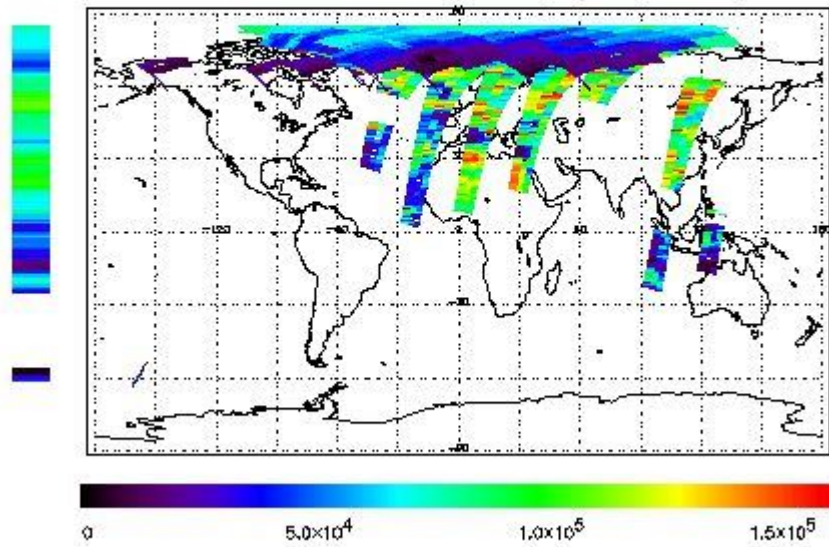
2.2 - Daily Plots

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

FRet Product : 17-JUN-2010 23:51:40.860 : ORBIT : 79257.1614
 Last Product : 18-JUN-2010 23:29:01.507 : ORBIT : 79271.2490
 Total Products Processed : 13473 Day : 169 Page : 21

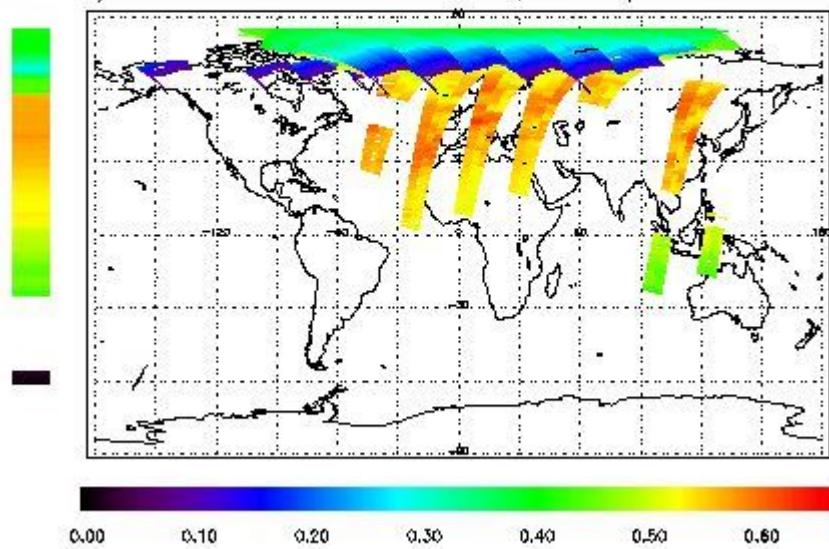
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

FRet Product : 17-JUN-2010 23:51:40.860 : ORBIT : 79257.1614
 Last Product : 18-JUN-2010 23:29:01.507 : ORBIT : 79271.2490
 Total Products Processed : 13473 Day : 169 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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