

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	06-MAY-2010
Start Time of First Product	05-MAY-2010 23:52:15
Stop Time of Last Product	23:33:22
Number of EGOI Products analysed	37
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100506BEEP2651.E2	06-MAY-2010	02:40:41.754
EGOI_100506GSEP5734.E2	06-MAY-2010	02:14:19.094
EGOI_100506GSEP5764.E2	06-MAY-2010	03:54:27.207
EGOI_100506GSEP5773.E2	06-MAY-2010	05:36:54.828
EGOI_100506KSEP5615.E2	06-MAY-2010	07:34:58.555
EGOI_100506KSEP5634.E2	06-MAY-2010	09:14:56.165
EGOI_100506KSEP5659.E2	06-MAY-2010	10:54:35.777
EGOI_100506KSEP5684.E2	06-MAY-2010	12:33:54.383
EGOI_100506KSEP5708.E2	06-MAY-2010	14:12:50.489

EGOI_100506KSEP5735.E2	06-MAY-2010	15:50:43.589
EGOI_100506KSEP5764.E2	06-MAY-2010	17:28:38.187
EGOI_100506KSEP5796.E2	06-MAY-2010	19:06:28.290
EGOI_100506KSEP5827.E2	06-MAY-2010	20:46:10.897
EGOI_100506KSEP5853.E2	06-MAY-2010	22:28:13.023
EGOI_100506MAEP1911.E2	06-MAY-2010	09:22:06.708
EGOI_100506MAEP1922.E2	06-MAY-2010	11:02:11.823
EGOI_100506MAEP1941.E2	06-MAY-2010	22:20:14.472
EGOI_100506MIEP1698.E2	06-MAY-2010	02:11:46.078
EGOI_100506MIEP1720.E2	06-MAY-2010	03:49:33.172
EGOI_100506MIEP1738.E2	06-MAY-2010	14:32:14.610
EGOI_100506MIEP1766.E2	06-MAY-2010	16:09:00.202
EGOI_100506MIEP1783.E2	06-MAY-2010	17:51:36.832
EGOI_100506MMEP7891.E2	05-MAY-2010	23:52:15.220
EGOI_100506MMEP7899.E2	06-MAY-2010	01:33:50.342
EGOI_100506MMEP7906.E2	06-MAY-2010	03:16:23.969
EGOI_100506MMEP7916.E2	06-MAY-2010	11:42:57.073
EGOI_100506MMEP7928.E2	06-MAY-2010	16:41:48.405
EGOI_100506MMEP7936.E2	06-MAY-2010	20:00:28.624
EGOI_100506MMEP7945.E2	06-MAY-2010	21:40:53.233
EGOI_100506MMEP7953.E2	06-MAY-2010	23:21:01.345
EGOI_100506MSEP4479.E2	06-MAY-2010	00:28:52.948
EGOI_100506MSEP4498.E2	06-MAY-2010	11:07:49.356
EGOI_100506MSEP4525.E2	06-MAY-2010	12:47:36.466
EGOI_100506MSEP4555.E2	06-MAY-2010	22:17:15.956
EGOI_100506SGEP5414.E2	06-MAY-2010	03:04:05.894
EGOI_100506SGEP5421.E2	06-MAY-2010	13:51:51.864
EGOI_100506SGEP5428.E2	06-MAY-2010	17:11:21.582

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78646	06-MAY-2010	07:33:58.189	07:34:58.554	60.365000
KS	78647	06-MAY-2010	09:13:32.030	09:14:56.164	84.134000
KS	78648	06-MAY-2010	10:53:08.113	10:54:35.776	87.663000
KS	78649	06-MAY-2010	12:32:28.232	12:33:54.382	86.150000
KS	78650	06-MAY-2010	14:11:20.851	14:12:50.488	89.637000
KS	78651	06-MAY-2010	15:49:13.279	15:50:43.588	90.309000
KS	78652	06-MAY-2010	17:27:07.316	17:28:38.186	90.870000
KS	78653	06-MAY-2010	19:05:19.881	19:06:28.290	68.409000
GS	78644	06-MAY-2010	03:53:12.549	03:54:27.207	74.658000
MS	78648	06-MAY-2010	11:06:16.454	11:07:49.355	92.901000

MS	78649	06-MAY-2010	12:46:07.457	12:47:36.465	89.008000
MS	78655	06-MAY-2010	22:16:13.189	22:17:15.955	62.766000
MS	78656	06-MAY-2010	23:55:18.550	23:56:28.562	70.012000
MI	78643	06-MAY-2010	02:10:33.305	02:11:46.078	72.773000
MI	78644	06-MAY-2010	03:47:33.379	03:49:33.172	119.79300
MI	78644	06-MAY-2010	03:57:24.225	04:00:44.763	200.53800
MI	78650	06-MAY-2010	14:31:02.332	14:32:14.610	72.278000
MI	78651	06-MAY-2010	16:07:36.934	16:09:00.201	83.267000
MM	78653	06-MAY-2010	19:59:25.344	20:00:28.624	63.280000
MM	78654	06-MAY-2010	21:39:09.258	21:40:53.232	103.97400
MM	78655	06-MAY-2010	23:19:43.724	23:21:01.344	77.620000
BE	78643	06-MAY-2010	02:39:03.684	02:40:41.754	98.070000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78642	06-MAY-2010	01:21:35.979	01:34:05.740	749.76100
CM	78643	06-MAY-2010	03:46:34.648	03:58:46.719	732.07100
BE	78644	06-MAY-2010	04:19:03.294	04:30:12.828	669.53400
MM	78644	06-MAY-2010	04:59:22.524	05:05:12.270	349.74600
SG	78644	06-MAY-2010	04:30:32.870	04:41:41.400	668.53000
MM	78645	06-MAY-2010	06:41:10.868	06:47:49.989	399.12100
KS	78645	06-MAY-2010	05:55:25.696	05:59:51.164	265.46800
CM	78645	06-MAY-2010	05:28:48.353	05:35:21.596	393.24300
JO	78645	06-MAY-2010	06:24:28.246	06:31:10.046	401.80000
MM	78646	06-MAY-2010	08:21:56.032	08:30:53.622	537.59000
JO	78646	06-MAY-2010	07:58:43.929	08:13:37.788	893.85900
MM	78647	06-MAY-2010	10:02:14.599	10:13:15.639	661.04000
JO	78647	06-MAY-2010	09:40:13.468	09:51:17.565	664.09700
MM	78649	06-MAY-2010	13:22:08.793	13:34:51.309	762.51600
BE	78650	06-MAY-2010	13:55:39.819	14:09:01.522	801.70300
HO	78650	06-MAY-2010	15:11:46.178	15:20:07.174	500.99600
MM	78650	06-MAY-2010	15:01:43.700	15:14:24.078	760.37800
GS	78650	06-MAY-2010	14:23:23.082	14:33:54.857	631.77500
BE	78651	06-MAY-2010	15:37:19.776	15:47:07.321	587.54500
GS	78651	06-MAY-2010	16:01:44.305	16:15:39.975	835.67000

CM	78651	06-MAY-2010	16:10:29.862	16:22:45.379	735.51700
MM	78652	06-MAY-2010	18:20:10.841	18:32:45.035	754.19400
GS	78652	06-MAY-2010	17:42:00.278	17:52:38.448	638.17000
CM	78652	06-MAY-2010	17:52:06.470	17:58:48.458	401.98800
MA	78653	06-MAY-2010	19:03:23.959	19:08:50.709	326.75000
JO	78653	06-MAY-2010	20:18:50.943	20:33:32.234	881.29100
MA	78654	06-MAY-2010	20:37:14.900	20:50:54.838	819.93800
JO	78654	06-MAY-2010	21:58:56.323	22:11:21.166	744.84300
HO	78655	06-MAY-2010	23:10:12.850	23:24:04.418	831.56800

[[BACK TO MENU](#)]

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

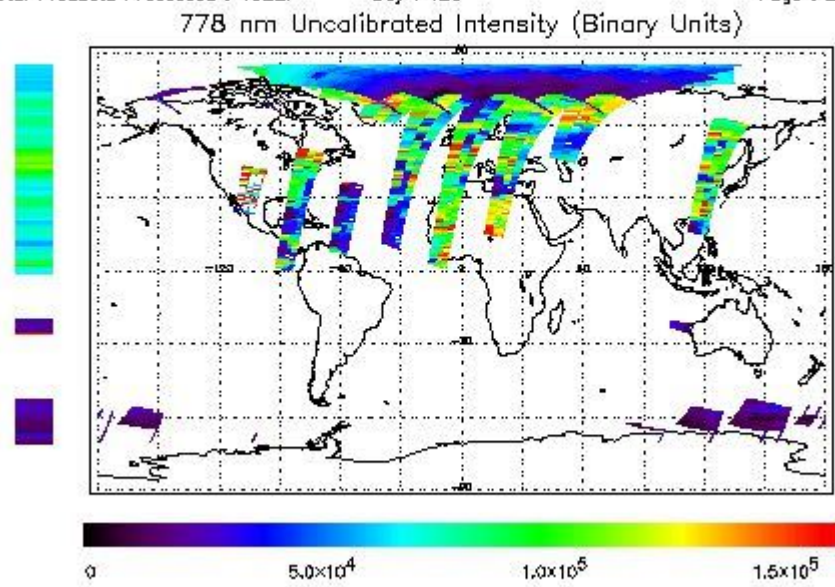
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

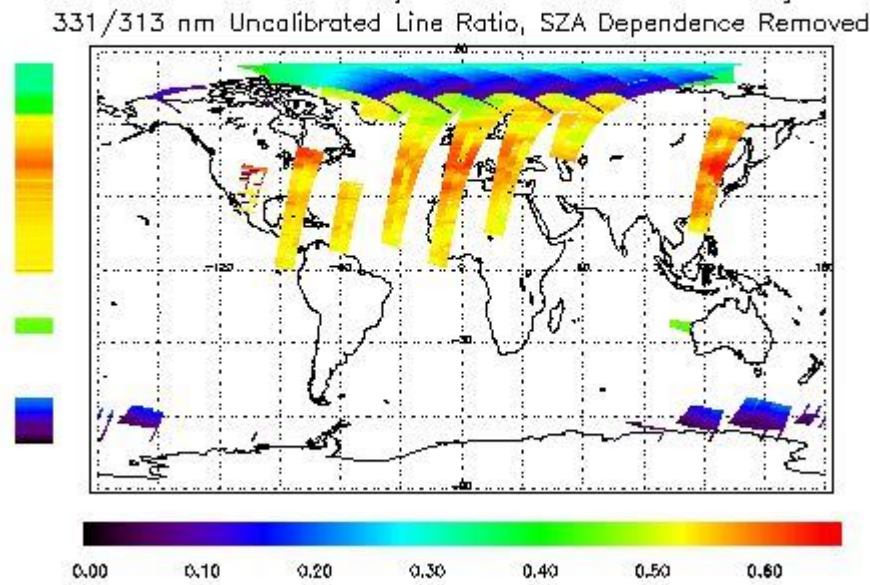
NEAR IR Intensity

First Product : 05-MAY-2010 23:52:15.220 : ORBIT : 78641.6513
 Last Product : 06-MAY-2010 23:33:22.423 : ORBIT : 78655.7779
 Total Products Processed : 18827 Day : 126 Page : 21



Ozone Line Ratio

First Product : 05-MAY-2010 23:52:15.220 : ORBIT : 78641.6513
 Last Product : 06-MAY-2010 23:33:22.423 : ORBIT : 78655.7779
 Total Products Processed : 18827 Day : 126 Page : 20



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