

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	07-MAY-2010
Start Time of First Product	06-MAY-2010 23:56:28
Stop Time of Last Product	23:48:47
Number of EGOI Products analysed	40
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100507BEEP2657.E2	07-MAY-2010	03:48:59.983
EGOI_100507GSEP5803.E2	07-MAY-2010	01:43:38.221
EGOI_100507GSEP5835.E2	07-MAY-2010	03:22:05.819
EGOI_100507GSEP5844.E2	07-MAY-2010	05:05:10.956
EGOI_100507KSEP5869.E2	07-MAY-2010	07:03:41.671
EGOI_100507KSEP5887.E2	07-MAY-2010	08:43:40.793
EGOI_100507KSEP5908.E2	07-MAY-2010	10:23:20.395
EGOI_100507KSEP5929.E2	07-MAY-2010	12:02:51.014
EGOI_100507KSEP5942.E2	07-MAY-2010	13:41:47.120

EGOI_100507KSEP5951.E2	07-MAY-2010	15:20:23.739
EGOI_100507KSEP5978.E2	07-MAY-2010	16:57:49.838
EGOI_100507KSEP6009.E2	07-MAY-2010	18:35:47.440
EGOI_100507KSEP6034.E2	07-MAY-2010	20:14:39.044
EGOI_100507KSEP6061.E2	07-MAY-2010	21:55:54.666
EGOI_100507KSEP6083.E2	07-MAY-2010	23:39:53.809
EGOI_100507MAEP1954.E2	07-MAY-2010	08:51:07.836
EGOI_100507MAEP1964.E2	07-MAY-2010	10:30:50.442
EGOI_100507MAEP1983.E2	07-MAY-2010	20:08:04.505
EGOI_100507MIEP1798.E2	07-MAY-2010	01:43:47.225
EGOI_100507MIEP1822.E2	07-MAY-2010	03:17:35.792
EGOI_100507MIEP1846.E2	07-MAY-2010	04:59:51.421
EGOI_100507MIEP1870.E2	07-MAY-2010	15:37:50.841
EGOI_100507MIEP1898.E2	07-MAY-2010	17:18:21.459
EGOI_100507MMEP7960.E2	07-MAY-2010	01:01:43.964
EGOI_100507MMEP7969.E2	07-MAY-2010	04:26:49.718
EGOI_100507MMEP7976.E2	07-MAY-2010	06:09:03.843
EGOI_100507MMEP7984.E2	07-MAY-2010	11:11:17.693
EGOI_100507MMEP7992.E2	07-MAY-2010	12:51:16.811
EGOI_100507MMEP8001.E2	07-MAY-2010	14:30:56.425
EGOI_100507MMEP8009.E2	07-MAY-2010	16:10:36.040
EGOI_100507MMEP8017.E2	07-MAY-2010	17:50:41.159
EGOI_100507MSEP4584.E2	06-MAY-2010	23:56:28.563
EGOI_100507MSEP4606.E2	07-MAY-2010	10:38:12.990
EGOI_100507MSEP4634.E2	07-MAY-2010	12:16:00.093
EGOI_100507MSEP4658.E2	07-MAY-2010	21:47:21.615
EGOI_100507MSEP4690.E2	07-MAY-2010	23:24:47.715
EGOI_100507SGEP5435.E2	07-MAY-2010	02:21:47.452
EGOI_100507SGEP5442.E2	07-MAY-2010	03:59:46.550
EGOI_100507SGEP5448.E2	07-MAY-2010	14:57:23.594
EGOI_100507SGEP5455.E2	07-MAY-2010	16:36:21.201

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78661	07-MAY-2010	08:42:13.255	08:43:40.792	87.537000
KS	78662	07-MAY-2010	10:21:50.826	10:23:20.394	89.568000
KS	78663	07-MAY-2010	12:01:17.870	12:02:51.013	93.143000
KS	78664	07-MAY-2010	13:40:16.118	13:41:47.119	91.001000
KS	78665	07-MAY-2010	15:18:30.489	15:20:23.738	113.24900
KS	78666	07-MAY-2010	16:56:11.973	16:57:49.838	97.865000
KS	78667	07-MAY-2010	18:34:16.738	18:35:47.439	90.701000
KS	78668	07-MAY-2010	20:13:37.579	20:14:39.044	61.465000

KS	78669	07-MAY-2010	21:54:54.466	21:55:54.665	60.199000
MS	78656	06-MAY-2010	23:55:18.550	23:56:28.562	70.012000
MS	78662	07-MAY-2010	10:35:51.967	10:38:12.990	141.02300
MS	78663	07-MAY-2010	12:14:24.035	12:16:00.093	96.058000
MS	78670	07-MAY-2010	23:23:29.060	23:24:47.714	78.654000
MA	78668	07-MAY-2010	20:06:25.510	20:08:04.504	98.994000
MI	78665	07-MAY-2010	15:36:31.191	15:37:50.840	79.649000
MI	78666	07-MAY-2010	17:17:02.504	17:18:21.458	78.954000
MM	78666	07-MAY-2010	17:49:01.664	17:50:41.158	99.494000
BE	78658	07-MAY-2010	03:47:22.062	03:48:59.983	97.921000
SG	78657	07-MAY-2010	02:20:41.208	02:21:47.452	66.244000
SG	78658	07-MAY-2010	03:58:21.751	03:59:46.550	84.799000
SG	78658	07-MAY-2010	04:10:01.612	04:11:37.971	96.359000
SG	78664	07-MAY-2010	14:53:59.840	14:57:23.593	203.75300
SG	78665	07-MAY-2010	16:34:24.469	16:36:21.201	116.73200

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78656	07-MAY-2010	00:49:31.323	01:03:24.490	833.16700
KS	78656	07-MAY-2010	00:12:47.624	00:16:50.240	242.61600
BE	78657	07-MAY-2010	02:08:10.115	02:20:23.841	733.72600
MM	78657	07-MAY-2010	02:44:00.277	02:52:14.914	494.63700
CM	78658	07-MAY-2010	03:16:14.249	03:26:58.913	644.66400
CM	78658	07-MAY-2010	04:55:25.938	05:06:06.084	640.14600
MM	78660	07-MAY-2010	07:50:20.133	07:58:32.552	492.41900
JO	78660	07-MAY-2010	07:28:08.445	07:42:04.944	836.49900
MM	78661	07-MAY-2010	09:30:44.855	09:41:11.807	626.95200
JO	78661	07-MAY-2010	09:07:30.633	09:21:11.853	821.22000
HO	78662	07-MAY-2010	11:21:21.069	11:31:59.543	638.47400
HO	78663	07-MAY-2010	12:59:23.289	13:14:12.703	889.41400
HO	78664	07-MAY-2010	14:39:42.819	14:50:47.518	664.69900
SG	78664	07-MAY-2010	14:53:59.840	15:07:12.234	792.39400
BE	78665	07-MAY-2010	15:04:37.741	15:16:44.136	726.39500
GS	78665	07-MAY-2010	15:30:33.224	15:44:16.326	823.10200
CM	78665	07-MAY-2010	15:39:57.084	15:50:48.561	651.47700

GS	78666	07-MAY-2010	17:10:18.414	17:22:39.845	741.43100
CM	78666	07-MAY-2010	17:19:14.230	17:29:47.653	633.42300
MM	78667	07-MAY-2010	19:28:11.890	19:40:52.269	760.37900
JO	78667	07-MAY-2010	19:48:13.192	20:01:30.712	797.52000
MM	78668	07-MAY-2010	21:07:44.026	21:20:26.717	762.69100
JO	78668	07-MAY-2010	21:27:04.191	21:41:17.420	853.22900
HO	78669	07-MAY-2010	22:39:46.747	22:52:34.711	767.96400
MM	78669	07-MAY-2010	22:48:00.731	23:00:16.793	736.06200
MA	78669	07-MAY-2010	21:47:01.223	21:58:48.511	707.28800

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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

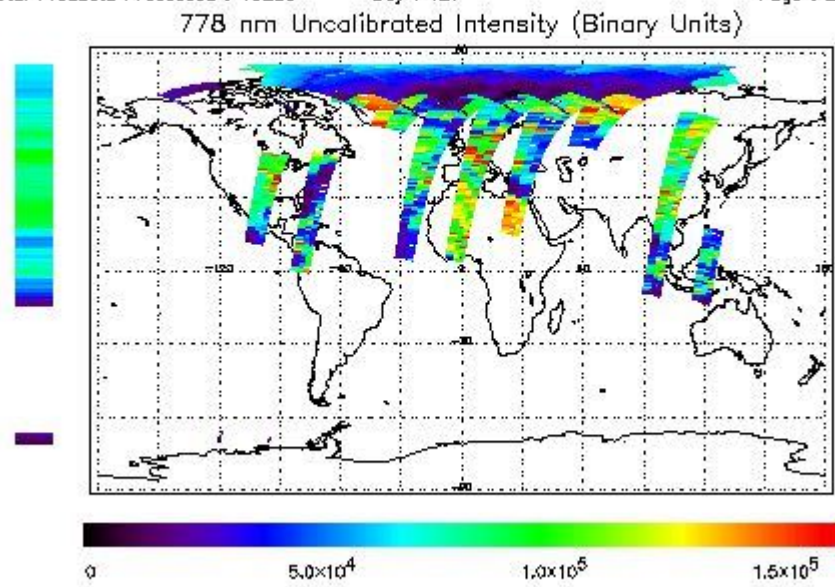
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

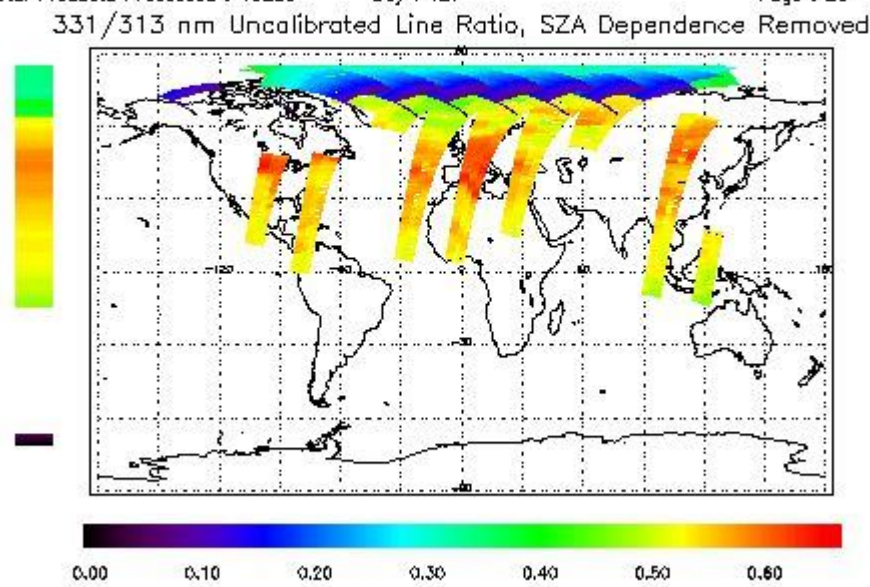
NEAR IR Intensity

FRet Product : 06-MAY-2010 23:56:28.563 : ORBIT : 78656.0076
 Last Product : 07-MAY-2010 23:48:47.859 : ORBIT : 78670.2455
 Total Products Processed : 19280 Day : 127 Page : 21



Ozone Line Ratio

FRet Product : 06-MAY-2010 23:56:28.563 : ORBIT : 78656.0076
 Last Product : 07-MAY-2010 23:48:47.859 : ORBIT : 78670.2455
 Total Products Processed : 19280 Day : 127 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