

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	05-MAY-2010
Start Time of First Product	01:02:58
Stop Time of Last Product	23:11:48
Number of EGOI Products analysed	40
Number of corrupted products	1
Anomalies and/or Special Operations	Narrow Swath continued from previous day, stop orbit: 78638

1.2 - List of received products

Name	Date	Time
EGOI_100505BEEP2644.E2	05-MAY-2010	03:11:43.629
EGOI_100505GSEP5637.E2	05-MAY-2010	01:08:05.375
EGOI_100505GSEP5669.E2	05-MAY-2010	02:45:04.468
EGOI_100505GSEP5698.E2	05-MAY-2010	04:26:38.093
EGOI_100505GSEP5705.E2	05-MAY-2010	06:08:50.720
EGOI_100505KSEP5365.E2	05-MAY-2010	06:26:43.320
EGOI_100505KSEP5384.E2	05-MAY-2010	08:06:37.935
EGOI_100505KSEP5402.E2	05-MAY-2010	09:46:17.550
EGOI_100505KSEP5424.E2	05-MAY-2010	11:25:55.656

EGOI_100505KSEP5447.E2	05-MAY-2010	13:05:00.763
EGOI_100505KSEP5457.E2	05-MAY-2010	14:43:49.366
EGOI_100505KSEP5483.E2	05-MAY-2010	16:21:28.965
EGOI_100505KSEP5513.E2	05-MAY-2010	17:59:35.567
EGOI_100505KSEP5543.E2	05-MAY-2010	19:37:34.667
EGOI_100505KSEP5563.E2	05-MAY-2010	21:17:59.282
EGOI_100505KSEP5587.E2	05-MAY-2010	23:00:41.908
EGOI_100505MAEP1864.E2	05-MAY-2010	08:15:06.486
EGOI_100505MAEP1880.E2	05-MAY-2010	09:53:46.093
EGOI_100505MAEP1895.E2	05-MAY-2010	21:10:30.735
EGOI_100505MIEP1591.E2	05-MAY-2010	02:41:31.445
EGOI_100505MIEP1619.E2	05-MAY-2010	04:20:48.550
EGOI_100505MIEP1645.E2	05-MAY-2010	15:01:41.977
EGOI_100505MIEP1674.E2	05-MAY-2010	16:40:29.078
EGOI_100505MMEP7830.E2	05-MAY-2010	03:48:49.855
EGOI_100505MMEP7837.E2	05-MAY-2010	05:31:12.980
EGOI_100505MMEP7846.E2	05-MAY-2010	07:12:54.107
EGOI_100505MMEP7854.E2	05-MAY-2010	10:34:08.835
EGOI_100505MMEP7863.E2	05-MAY-2010	13:53:58.061
EGOI_100505MMEP7873.E2	05-MAY-2010	20:31:42.499
EGOI_100505MMEP7883.E2	05-MAY-2010	22:11:50.611
EGOI_100505MSEP4343.E2	05-MAY-2010	01:02:57.847
EGOI_100505MSEP4361.E2	05-MAY-2010	10:02:01.144
EGOI_100505MSEP4386.E2	05-MAY-2010	11:38:57.236
EGOI_100505MSEP4409.E2	05-MAY-2010	13:20:00.854
EGOI_100505MSEP4422.E2	05-MAY-2010	21:13:32.254
EGOI_100505MSEP4454.E2	05-MAY-2010	22:47:49.330
EGOI_100505SGEP5383.E2	05-MAY-2010	03:23:06.199
EGOI_100505SGEP5392.E2	05-MAY-2010	05:05:06.820
EGOI_100505SGEP5397.E2	05-MAY-2010	14:19:28.217
EGOI_100505SGEP5404.E2	05-MAY-2010	15:57:51.320

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78632	05-MAY-2010	08:05:13.970	08:06:37.935	83.965000
KS	78633	05-MAY-2010	09:44:50.921	09:46:17.549	86.628000
KS	78634	05-MAY-2010	11:24:23.850	11:25:55.656	91.806000
KS	78635	05-MAY-2010	13:03:35.122	13:05:00.762	85.640000
KS	78636	05-MAY-2010	14:42:17.469	14:43:49.365	91.896000
KS	78637	05-MAY-2010	16:19:57.529	16:21:28.964	91.435000
KS	78638	05-MAY-2010	17:57:47.707	17:59:35.567	107.86000
KS	78639	05-MAY-2010	19:36:31.973	19:37:34.666	62.693000

MS	78634	05-MAY-2010	11:37:20.348	11:38:57.235	96.887000
MS	78635	05-MAY-2010	13:18:32.075	13:20:00.854	88.779000
MS	78641	05-MAY-2010	22:46:41.103	22:47:49.330	68.227000
MA	78640	05-MAY-2010	21:08:48.205	21:10:30.735	102.53000
MI	78629	05-MAY-2010	02:40:11.927	02:41:31.444	79.517000
MI	78630	05-MAY-2010	04:19:29.859	04:20:48.549	78.690000
MI	78636	05-MAY-2010	15:00:26.091	15:01:41.977	75.886000
MI	78637	05-MAY-2010	16:39:07.657	16:40:29.078	81.421000
MM	78639	05-MAY-2010	20:30:41.714	20:31:42.499	60.785000
MM	78640	05-MAY-2010	22:10:39.545	22:11:50.610	71.065000
BE	78629	05-MAY-2010	03:10:14.085	03:11:43.629	89.544000
SG	78629	05-MAY-2010	03:21:15.119	03:23:06.198	111.07900
SG	78636	05-MAY-2010	15:56:15.246	15:57:51.320	96.074000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78627	05-MAY-2010	00:12:03.157	00:26:41.160	878.00300
MM	78627	05-MAY-2010	00:23:28.959	00:34:37.111	668.15200
HO	78628	05-MAY-2010	01:55:11.016	02:04:13.709	542.69300
MM	78628	05-MAY-2010	02:05:46.845	02:14:54.636	547.79100
CM	78629	05-MAY-2010	02:42:01.763	02:48:03.528	361.76500
CM	78629	05-MAY-2010	04:17:40.871	04:29:59.946	739.07500
BE	78630	05-MAY-2010	04:51:07.450	04:59:43.597	516.14700
JO	78631	05-MAY-2010	06:52:53.979	07:04:14.008	680.02900
MM	78632	05-MAY-2010	08:53:29.516	09:03:10.229	580.71300
JO	78632	05-MAY-2010	08:29:54.068	08:44:49.832	895.76400
MM	78634	05-MAY-2010	12:13:42.707	12:26:11.018	748.31100
MA	78634	05-MAY-2010	11:34:12.337	11:41:40.297	447.96000
SG	78635	05-MAY-2010	14:18:39.519	14:28:59.881	620.36200
BE	78636	05-MAY-2010	14:26:56.825	14:40:13.415	796.59000
MM	78636	05-MAY-2010	15:32:58.098	15:45:35.535	757.43700
GS	78636	05-MAY-2010	14:53:57.953	15:06:32.460	754.50700
CM	78636	05-MAY-2010	15:05:28.503	15:11:15.881	347.37800
MM	78637	05-MAY-2010	17:12:12.473	17:24:44.015	751.54200
GS	78637	05-MAY-2010	16:33:04.719	16:46:37.647	812.92800

CM	78637	05-MAY-2010	16:41:39.739	16:53:55.975	736.23600
MM	78638	05-MAY-2010	18:51:20.550	19:03:57.440	756.89000
GS	78638	05-MAY-2010	18:14:00.811	18:22:00.162	479.35100
JO	78638	05-MAY-2010	19:13:02.363	19:22:23.664	561.30100
MA	78639	05-MAY-2010	19:30:36.790	19:42:13.426	696.63600
JO	78639	05-MAY-2010	20:49:54.631	21:04:55.705	901.07400
HO	78640	05-MAY-2010	22:04:35.958	22:15:08.172	632.21400
JO	78640	05-MAY-2010	22:31:28.617	22:40:26.555	537.93800
HO	78641	05-MAY-2010	23:41:02.492	23:55:25.473	862.98100

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1.5 - List of corrupted products

Station	Orbit	Time
MM	78633	10:34:08.83

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 Temperatures 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

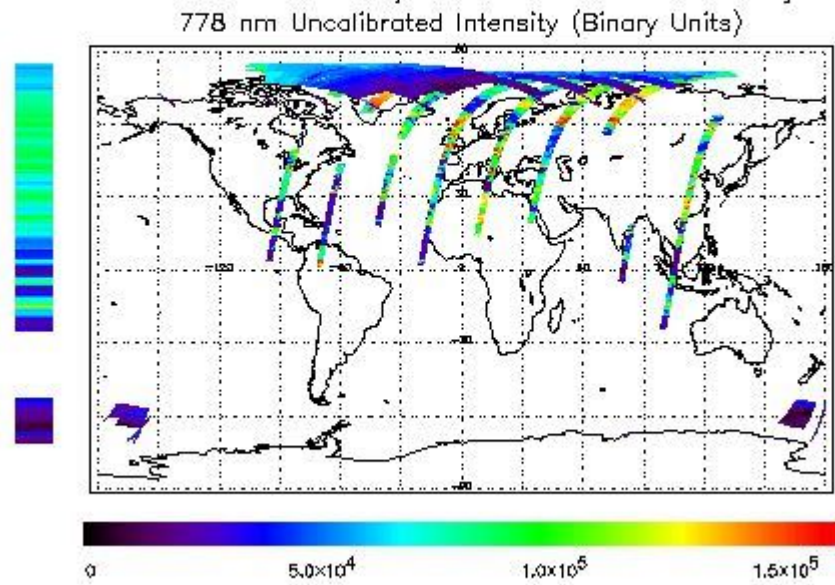
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

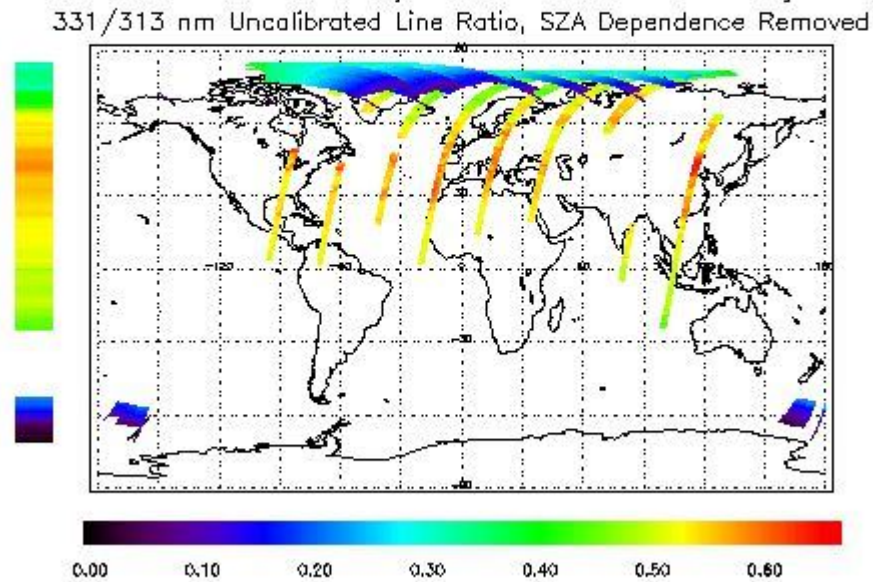
NEAR IR Intensity

F1ret Product : 05-MAY-2010 01:02:57.847 : ORBIT : 78628.0399
 Last Product : 05-MAY-2010 23:11:47.974 : ORBIT : 78641.2492
 Total Products Processed : 18704 Day : 125 Page : 21



Ozone Line Ratio

F1ret Product : 05-MAY-2010 01:02:57.847 : ORBIT : 78628.0399
 Last Product : 05-MAY-2010 23:11:47.974 : ORBIT : 78641.2492
 Total Products Processed : 18704 Day : 125 Page : 20



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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
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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
18:30	18:30	78624	78638

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