

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	08-AUG-2010
Start Time of First Product	00:38:55
Stop Time of Last Product	23:26:31
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_100808GSEP2344.E2	08-AUG-2010	01:22:19.604
EGOI_100808GSEP2362.E2	08-AUG-2010	02:59:45.694
EGOI_100808GSEP2384.E2	08-AUG-2010	04:42:07.315
EGOI_100808GSEP2390.E2	08-AUG-2010	06:34:48.499
EGOI_100808HLEP6690.E2	08-AUG-2010	11:01:42.624
EGOI_100808HLEP6696.E2	08-AUG-2010	12:38:35.706
EGOI_100808HLEP6705.E2	08-AUG-2010	14:18:27.315
EGOI_100808HLEP6716.E2	08-AUG-2010	22:20:09.248
EGOI_100808KSEP6152.E2	08-AUG-2010	08:21:22.144

EGOI_100808KSEP6170.E2	08-AUG-2010	10:01:01.749
EGOI_100808KSEP6191.E2	08-AUG-2010	11:40:36.858
EGOI_100808KSEP6208.E2	08-AUG-2010	13:19:38.956
EGOI_100808KSEP6234.E2	08-AUG-2010	19:52:21.855
EGOI_100808KSEP6254.E2	08-AUG-2010	21:33:07.466
EGOI_100808KSEP6277.E2	08-AUG-2010	23:16:05.092
EGOI_100808MMEP2637.E2	08-AUG-2010	00:38:55.343
EGOI_100808MMEP2643.E2	08-AUG-2010	02:21:07.960
EGOI_100808MMEP2651.E2	08-AUG-2010	10:49:00.542
EGOI_100808MMEP2660.E2	08-AUG-2010	12:28:56.647
EGOI_100808MMEP2673.E2	08-AUG-2010	20:46:16.177
EGOI_100808MSEP5211.E2	08-AUG-2010	10:16:00.339
EGOI_100808MSEP5241.E2	08-AUG-2010	11:53:30.933
EGOI_100808MSEP5261.E2	08-AUG-2010	13:35:30.058
EGOI_100808MSEP5278.E2	08-AUG-2010	21:26:50.927
EGOI_100808MSEP5310.E2	08-AUG-2010	23:02:09.506
EGOI_100808SGEP7216.E2	08-AUG-2010	02:05:07.866
EGOI_100808SGEP7223.E2	08-AUG-2010	03:47:29.487
EGOI_100808SGEP7229.E2	08-AUG-2010	14:34:37.913
EGOI_100808SGEP7236.E2	08-AUG-2010	16:13:11.511

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79992	08-AUG-2010	08:19:27.322	08:21:22.144	114.82200
KS	79993	08-AUG-2010	09:59:04.848	10:01:01.749	116.90100
KS	79994	08-AUG-2010	11:38:35.797	11:40:36.858	121.06100
KS	79995	08-AUG-2010	13:17:42.388	13:19:38.956	116.56800
KS	79999	08-AUG-2010	19:50:46.202	19:52:21.855	95.653000
KS	80000	08-AUG-2010	21:31:33.208	21:33:07.465	94.257000
KS	80001	08-AUG-2010	23:14:51.150	23:16:05.092	73.942000
GS	79988	08-AUG-2010	01:20:57.678	01:22:19.603	81.925000
GS	79989	08-AUG-2010	02:58:24.575	02:59:45.693	81.118000
GS	79990	08-AUG-2010	04:40:49.141	04:42:07.314	78.173000
MS	79993	08-AUG-2010	10:14:00.795	10:16:00.339	119.54400
MS	79994	08-AUG-2010	11:51:27.499	11:53:30.933	123.43400
MS	80001	08-AUG-2010	23:00:44.421	23:02:09.506	85.085000
MM	79999	08-AUG-2010	20:44:55.781	20:46:16.177	80.396000
SG	79989	08-AUG-2010	03:35:25.384	03:47:29.487	724.10300
SG	79995	08-AUG-2010	14:32:04.161	14:34:37.912	153.75100

SG	79996	08-AUG-2010	16:10:46.515	16:13:11.510	144.99500
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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79987	08-AUG-2010	00:26:14.533	00:40:52.435	877.90200
BE	79988	08-AUG-2010	01:45:58.004	01:56:45.764	647.76000
BE	79989	08-AUG-2010	03:24:28.807	03:37:42.076	793.26900
MM	79989	08-AUG-2010	04:03:32.959	04:10:04.037	391.07800
MI	79989	08-AUG-2010	02:53:58.187	03:06:41.986	763.79900
CM	79989	08-AUG-2010	02:54:50.712	03:03:19.577	508.86500
CM	79989	08-AUG-2010	04:32:03.571	04:44:00.163	716.59200
MM	79990	08-AUG-2010	05:46:05.678	05:51:58.278	352.60000
MI	79990	08-AUG-2010	04:34:18.598	04:45:06.569	647.97100
MM	79991	08-AUG-2010	07:27:19.338	07:34:58.863	459.52500
KS	79991	08-AUG-2010	06:40:08.955	06:48:33.203	504.24800
JO	79991	08-AUG-2010	07:06:18.731	07:18:53.029	754.29800
MM	79992	08-AUG-2010	09:07:49.542	09:17:48.737	599.19500
MA	79992	08-AUG-2010	08:28:21.459	08:40:10.698	709.23900
JO	79992	08-AUG-2010	08:44:15.558	08:58:53.513	877.95500
MA	79993	08-AUG-2010	10:07:08.311	10:20:05.635	777.32400
MA	79994	08-AUG-2010	11:48:56.296	11:54:34.571	338.27500
HO	79995	08-AUG-2010	14:16:36.883	14:29:24.323	767.44000
MM	79995	08-AUG-2010	14:07:42.204	14:20:25.995	763.79100
SG	79995	08-AUG-2010	14:32:04.161	14:43:51.539	707.37800
BE	79996	08-AUG-2010	14:41:20.452	14:54:19.237	778.78500
MM	79996	08-AUG-2010	15:47:09.572	15:59:45.680	756.10800
MI	79996	08-AUG-2010	15:14:12.352	15:26:25.704	733.35200
KS	79996	08-AUG-2010	14:56:18.664	15:07:49.461	690.79700
GS	79996	08-AUG-2010	15:07:59.746	15:21:08.562	788.81600
CM	79996	08-AUG-2010	15:18:21.655	15:26:52.079	510.42400
MM	79997	08-AUG-2010	17:26:22.237	17:38:53.858	751.62100
MI	79997	08-AUG-2010	16:53:36.222	17:05:21.032	704.81000
KS	79997	08-AUG-2010	16:33:56.001	16:46:10.741	734.74000
GS	79997	08-AUG-2010	16:47:22.317	17:00:33.618	791.30100
CM	79997	08-AUG-2010	16:56:00.557	17:07:51.869	711.31200

MM	79998	08-AUG-2010	19:05:30.786	19:18:09.031	758.24500
KS	79998	08-AUG-2010	18:11:46.610	18:25:15.294	808.68400
JO	79998	08-AUG-2010	19:26:22.093	19:37:40.452	678.35900
MA	79999	08-AUG-2010	19:44:18.178	19:56:44.565	746.38700
JO	79999	08-AUG-2010	21:04:08.738	21:19:00.573	891.83500
HO	80000	08-AUG-2010	22:18:01.540	22:29:37.367	695.82700
MM	80000	08-AUG-2010	22:25:00.576	22:37:26.375	745.79900
MA	80000	08-AUG-2010	21:23:11.242	21:36:21.205	789.96300
JO	80000	08-AUG-2010	22:46:48.377	22:53:00.620	372.24300
HO	80001	08-AUG-2010	23:55:08.670	00:09:38.962	870.29200

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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

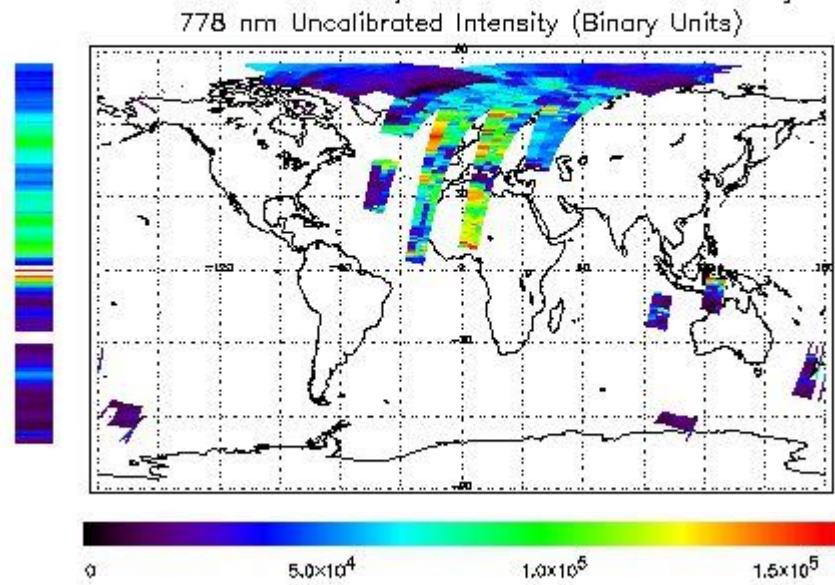
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

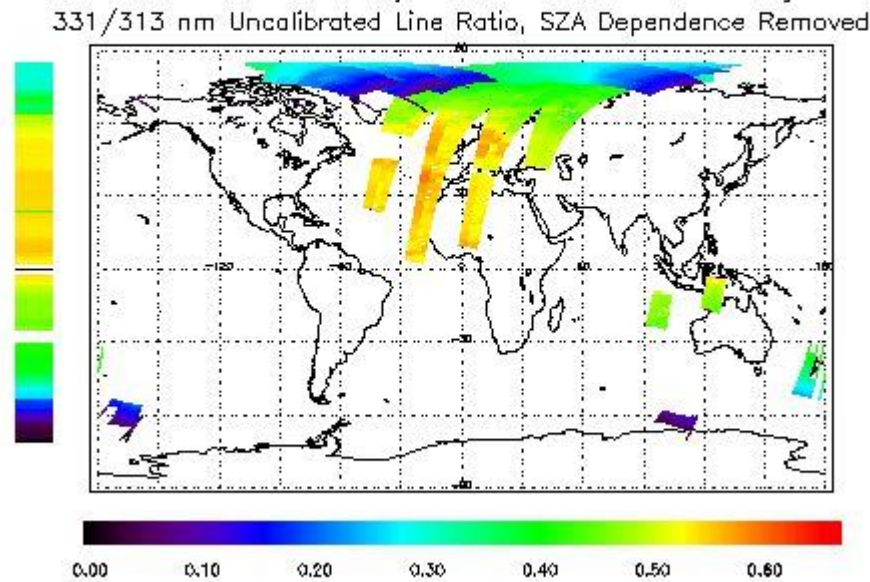
NEAR IR Intensity

Final Product : 08-AUG-2010 00:38:55.343 : ORBIT : 79987.6581
 Last Product : 08-AUG-2010 23:26:30.654 : ORBIT : 80001.2526
 Total Products Processed : 12728 Day : 220 Page : 21



Ozone Line Ratio

Final Product : 08-AUG-2010 00:38:55.343 : ORBIT : 79987.6581
 Last Product : 08-AUG-2010 23:26:30.654 : ORBIT : 80001.2526
 Total Products Processed : 12728 Day : 220 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
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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