

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	10-AUG-2010
Start Time of First Product	00:11:43
Stop Time of Last Product	23:53:03
Number of EGOI Products analysed	24
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100810GSEP2508.E2	10-AUG-2010	01:57:55.328
EGOI_100810HLEP6734.E2	10-AUG-2010	14:55:54.055
EGOI_100810HLEP6741.E2	10-AUG-2010	22:55:32.969
EGOI_100810KSEP6660.E2	10-AUG-2010	13:56:25.195
EGOI_100810KSEP6685.E2	10-AUG-2010	15:34:39.293
EGOI_100810KSEP6714.E2	10-AUG-2010	17:12:14.388
EGOI_100810KSEP6746.E2	10-AUG-2010	18:50:11.986
EGOI_100810KSEP6777.E2	10-AUG-2010	20:29:24.581
EGOI_100810KSEP6805.E2	10-AUG-2010	22:11:04.199

EGOI_100810MAEP5487.E2	10-AUG-2010	09:05:45.926
EGOI_100810MAEP5496.E2	10-AUG-2010	10:45:34.528
EGOI_100810MIEP8258.E2	10-AUG-2010	15:52:27.398
EGOI_100810MIEP8281.E2	10-AUG-2010	17:33:41.517
EGOI_100810MMEP2751.E2	10-AUG-2010	01:16:49.076
EGOI_100810MMEP2793.E2	10-AUG-2010	14:45:37.489
EGOI_100810MMEP2801.E2	10-AUG-2010	16:25:18.601
EGOI_100810MMEP2809.E2	10-AUG-2010	18:05:29.713
EGOI_100810MMEP2815.E2	10-AUG-2010	19:43:55.812
EGOI_100810MMEP2823.E2	10-AUG-2010	21:23:41.413
EGOI_100810MSEP5436.E2	10-AUG-2010	00:11:42.682
EGOI_100810MSEP5515.E2	10-AUG-2010	22:01:26.641
EGOI_100810MSEP5545.E2	10-AUG-2010	23:39:34.744
EGOI_100810SGEP7285.E2	10-AUG-2010	15:09:55.637
EGOI_100810SGEP7291.E2	10-AUG-2010	16:51:47.267

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	80024	10-AUG-2010	13:54:22.760	13:56:25.194	122.43400
KS	80025	10-AUG-2010	15:32:27.910	15:34:39.293	131.38300
KS	80026	10-AUG-2010	17:10:11.823	17:12:14.388	122.56500
KS	80027	10-AUG-2010	18:48:22.592	18:50:11.986	109.39400
KS	80028	10-AUG-2010	20:27:57.732	20:29:24.580	86.848000
KS	80029	10-AUG-2010	22:09:34.439	22:11:04.199	89.760000
GS	80017	10-AUG-2010	01:56:38.007	01:57:55.327	77.320000
MS	80016	10-AUG-2010	00:10:01.881	00:11:42.682	100.80100
MS	80029	10-AUG-2010	21:59:54.647	22:01:26.641	91.994000
MS	80030	10-AUG-2010	23:37:51.891	23:39:34.744	102.85300
MA	80022	10-AUG-2010	10:44:09.313	10:45:34.528	85.215000
MI	80025	10-AUG-2010	15:50:36.074	15:52:27.398	111.32400
MI	80026	10-AUG-2010	17:31:58.109	17:33:41.517	103.40800
MM	80025	10-AUG-2010	16:24:01.954	16:25:18.601	76.647000
MM	80026	10-AUG-2010	18:03:11.265	18:05:29.712	138.44700
MM	80027	10-AUG-2010	19:42:23.148	19:43:55.811	92.663000
MM	80028	10-AUG-2010	21:22:00.359	21:23:41.412	101.05300
SG	80024	10-AUG-2010	15:07:55.120	15:09:55.637	120.51700
SG	80025	10-AUG-2010	16:49:34.408	16:51:47.266	132.85800

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	80016	10-AUG-2010	01:04:05.915	01:17:23.608	797.69300
BE	80017	10-AUG-2010	02:22:10.150	02:34:58.121	767.97100
MM	80017	10-AUG-2010	02:58:43.656	03:06:37.639	473.98300
MI	80017	10-AUG-2010	01:54:59.949	02:01:59.651	419.70200
SG	80017	10-AUG-2010	02:34:07.149	02:45:57.967	710.81800
CM	80017	10-AUG-2010	03:29:55.332	03:41:30.924	695.59200
BE	80018	10-AUG-2010	04:01:44.171	04:13:48.624	724.45300
MM	80018	10-AUG-2010	04:41:46.741	04:47:44.892	358.15100
MI	80018	10-AUG-2010	03:30:25.779	03:43:48.764	802.98500
GS	80018	10-AUG-2010	03:35:44.444	03:49:05.985	801.54100
SG	80018	10-AUG-2010	04:12:53.024	04:25:24.807	751.78300
CM	80018	10-AUG-2010	05:10:20.860	05:19:38.425	557.56500
MM	80019	10-AUG-2010	06:23:49.565	06:30:10.001	380.43600
MI	80019	10-AUG-2010	05:14:50.827	05:18:54.402	243.57500
MM	80020	10-AUG-2010	08:04:42.249	08:13:15.330	513.08100
KS	80020	10-AUG-2010	07:16:56.443	07:27:28.509	632.06600
JO	80020	10-AUG-2010	07:41:58.241	07:56:28.009	869.76800
MM	80021	10-AUG-2010	09:45:04.008	09:55:47.065	643.05700
KS	80021	10-AUG-2010	08:56:27.190	09:09:52.686	805.49600
JO	80021	10-AUG-2010	09:22:15.034	09:34:58.980	763.94600
HO	80022	10-AUG-2010	11:35:04.123	11:47:07.812	723.68900
MM	80022	10-AUG-2010	11:25:10.210	11:37:16.452	726.24200
KS	80022	10-AUG-2010	10:36:04.298	10:50:02.094	837.79600
MS	80022	10-AUG-2010	10:49:36.089	11:01:31.893	715.80400
HO	80023	10-AUG-2010	13:13:35.146	13:28:24.496	889.35000
MM	80023	10-AUG-2010	13:05:02.920	13:17:43.473	760.55300
KS	80023	10-AUG-2010	12:15:28.424	12:28:36.087	787.66300
MS	80023	10-AUG-2010	12:28:44.394	12:40:58.836	734.44200
HO	80024	10-AUG-2010	14:54:14.777	15:03:43.308	568.53100
GS	80024	10-AUG-2010	14:06:59.372	14:15:41.861	522.48900
SG	80024	10-AUG-2010	15:07:55.120	15:21:35.690	820.57000
BE	80025	10-AUG-2010	15:19:22.552	15:30:37.712	675.16000
GS	80025	10-AUG-2010	15:44:42.445	15:58:35.864	833.41900

CM	80025	10-AUG-2010	15:53:44.696	16:05:26.345	701.64900
GS	80026	10-AUG-2010	17:24:41.280	17:36:21.228	699.94800
CM	80026	10-AUG-2010	17:33:59.122	17:43:12.461	553.33900
MA	80027	10-AUG-2010	18:47:33.290	18:51:43.396	250.10600
JO	80027	10-AUG-2010	20:02:04.651	20:16:09.473	844.82200
MA	80028	10-AUG-2010	20:20:22.743	20:34:10.037	827.29400
JO	80028	10-AUG-2010	21:41:29.919	21:55:02.788	812.86900
HO	80029	10-AUG-2010	22:53:39.238	23:06:53.993	794.75500
MM	80029	10-AUG-2010	23:02:24.954	23:14:33.667	728.71300
MA	80029	10-AUG-2010	22:01:51.333	22:12:40.137	648.80400

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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

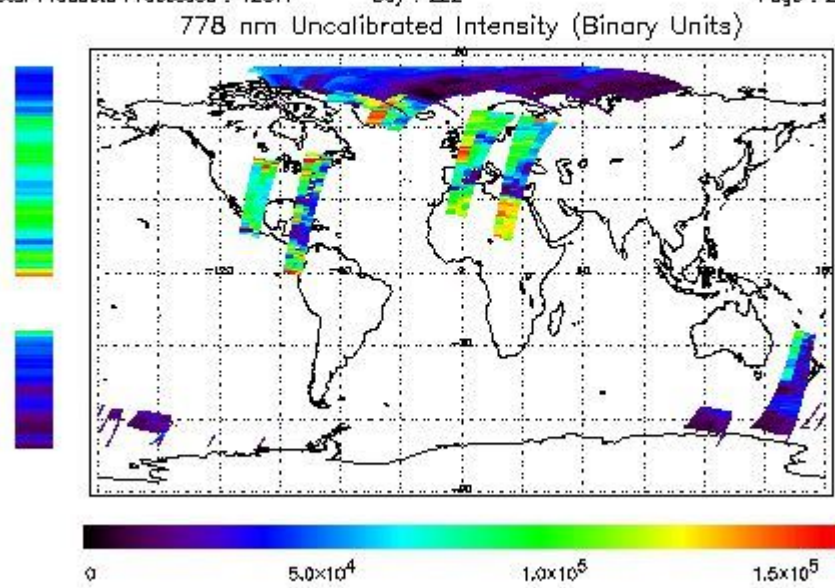
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

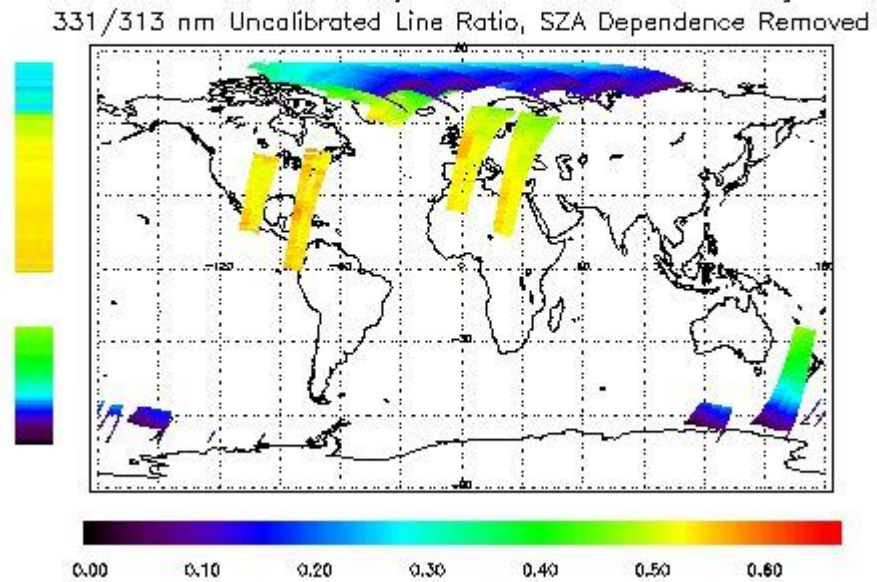
NEAR IR Intensity

Final Product : 10-AUG-2010 00:11:42.682 : ORBIT : 80016.0162
 Last Product : 10-AUG-2010 23:53:03.326 : ORBIT : 80030.1450
 Total Products Processed : 12077 Day : 222 Page : 21



Ozone Line Ratio

Final Product : 10-AUG-2010 00:11:42.682 : ORBIT : 80016.0162
 Last Product : 10-AUG-2010 23:53:03.326 : ORBIT : 80030.1450
 Total Products Processed : 12077 Day : 222 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