

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	23-JUL-2010
Start Time of First Product	23:36:35
Stop Time of Last Product	23:29:13
Number of EGOI Products analysed	23
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100723GSEP1274.E2	23-JUL-2010	06:26:51.293
EGOI_100723HLEP6228.E2	23-JUL-2010	11:04:07.978
EGOI_100723HLEP6234.E2	23-JUL-2010	12:41:20.574
EGOI_100723KSEP2226.E2	22-JUL-2010	23:52:00.879
EGOI_100723KSEP2239.E2	23-JUL-2010	06:44:06.390
EGOI_100723KSEP2259.E2	23-JUL-2010	08:24:03.999
EGOI_100723KSEP2278.E2	23-JUL-2010	10:03:43.610
EGOI_100723KSEP2299.E2	23-JUL-2010	11:43:18.721
EGOI_100723KSEP2316.E2	23-JUL-2010	13:22:19.320

EGOI_100723KSEP2329.E2	23-JUL-2010	15:01:01.898
EGOI_100723KSEP2356.E2	23-JUL-2010	16:38:35.513
EGOI_100723KSEP2386.E2	23-JUL-2010	18:16:37.611
EGOI_100723KSEP2411.E2	23-JUL-2010	19:55:08.211
EGOI_100723KSEP2427.E2	23-JUL-2010	21:35:58.321
EGOI_100723KSEP2450.E2	23-JUL-2010	23:18:51.451
EGOI_100723MIEP7021.E2	23-JUL-2010	15:18:38.028
EGOI_100723MIEP7040.E2	23-JUL-2010	16:58:10.130
EGOI_100723MSEP3341.E2	22-JUL-2010	23:36:35.296
EGOI_100723MSEP3362.E2	23-JUL-2010	10:18:37.700
EGOI_100723MSEP3391.E2	23-JUL-2010	11:56:14.300
EGOI_100723MSEP3410.E2	23-JUL-2010	13:38:22.422
EGOI_100723MSEP3427.E2	23-JUL-2010	21:29:11.782
EGOI_100723MSEP3459.E2	23-JUL-2010	23:05:09.369

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79762	23-JUL-2010	06:42:58.311	06:44:06.389	68.078000
KS	79763	23-JUL-2010	08:22:18.030	08:24:03.999	105.96900
KS	79764	23-JUL-2010	10:01:55.619	10:03:43.610	107.99100
KS	79765	23-JUL-2010	11:41:26.130	11:43:18.721	112.59100
KS	79766	23-JUL-2010	13:20:31.734	13:22:19.319	107.58500
KS	79767	23-JUL-2010	14:59:05.992	15:01:01.897	115.90500
KS	79768	23-JUL-2010	16:36:42.910	16:38:35.513	112.60300
KS	79769	23-JUL-2010	18:14:35.174	18:16:37.611	122.43700
KS	79770	23-JUL-2010	19:53:37.308	19:55:08.211	90.903000
KS	79771	23-JUL-2010	21:34:27.933	21:35:58.321	90.388000
KS	79772	23-JUL-2010	23:17:51.246	23:18:51.450	60.204000
MS	79764	23-JUL-2010	10:16:43.662	10:18:37.699	114.03700
MS	79765	23-JUL-2010	11:54:16.991	11:56:14.299	117.30800
MS	79772	23-JUL-2010	23:03:33.968	23:05:09.368	95.400000
MI	79767	23-JUL-2010	15:16:58.693	15:18:38.027	99.334000
MI	79768	23-JUL-2010	16:56:30.761	16:58:10.130	99.369000
MI	79768	23-JUL-2010	17:05:32.676	17:08:04.347	151.67100

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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HO	79758	23-JUL-2010	00:29:05.335	00:43:42.426	877.09100
MM	79758	23-JUL-2010	00:40:56.741	00:51:47.542	650.80100
BE	79759	23-JUL-2010	01:48:43.493	01:59:44.551	661.05800
MM	79759	23-JUL-2010	02:23:24.651	02:32:08.157	523.50600
GS	79759	23-JUL-2010	01:23:40.852	01:35:07.707	686.85500
SG	79759	23-JUL-2010	02:02:34.381	02:09:37.885	423.50400
BE	79760	23-JUL-2010	03:27:20.077	03:40:30.265	790.18800
MM	79760	23-JUL-2010	04:06:29.627	04:12:57.581	387.95400
MI	79760	23-JUL-2010	02:56:44.516	03:09:34.526	770.01000
GS	79760	23-JUL-2010	03:01:15.500	03:15:10.397	834.89700
SG	79760	23-JUL-2010	03:38:16.340	03:52:04.933	828.59300
CM	79760	23-JUL-2010	02:57:28.451	03:06:19.254	530.80300
CM	79760	23-JUL-2010	04:34:57.283	04:46:47.251	709.96800
MM	79761	23-JUL-2010	05:49:00.242	05:54:54.243	354.00100
MI	79761	23-JUL-2010	04:37:18.100	04:47:49.570	631.47000
GS	79761	23-JUL-2010	04:43:51.988	04:53:03.760	551.77200
MM	79762	23-JUL-2010	07:30:12.043	07:37:55.637	463.59400
JO	79762	23-JUL-2010	07:09:01.083	07:21:47.886	766.80300
MM	79763	23-JUL-2010	09:10:41.503	09:20:44.294	602.79100
MA	79763	23-JUL-2010	08:31:07.013	08:43:08.249	721.23600
JO	79763	23-JUL-2010	08:47:08.768	09:01:41.638	872.87000
MM	79764	23-JUL-2010	10:50:52.432	11:02:36.077	703.64500
MA	79764	23-JUL-2010	10:09:59.665	10:22:53.759	774.09400
MM	79765	23-JUL-2010	12:30:49.873	12:43:23.425	753.55200
MA	79765	23-JUL-2010	11:51:59.581	11:57:05.332	305.75100
HO	79766	23-JUL-2010	14:19:29.911	14:32:10.030	760.11900
MM	79766	23-JUL-2010	14:10:32.931	14:23:16.645	763.71400
SG	79766	23-JUL-2010	14:34:46.960	14:46:48.149	721.18900
BE	79767	23-JUL-2010	14:44:14.023	14:57:07.961	773.93800
MM	79767	23-JUL-2010	15:49:59.828	16:02:35.680	755.85200
GS	79767	23-JUL-2010	15:10:48.523	15:24:02.933	794.41000
SG	79767	23-JUL-2010	16:13:41.973	16:26:05.333	743.36000
CM	79767	23-JUL-2010	15:21:00.822	15:29:54.611	533.78900
MM	79768	23-JUL-2010	17:29:12.176	17:41:43.844	751.66800
GS	79768	23-JUL-2010	16:50:14.056	17:03:20.169	786.11300
CM	79768	23-JUL-2010	16:58:53.589	17:10:37.888	704.29900

MM	79769	23-JUL-2010	19:08:20.871	19:20:59.389	758.51800
JO	79769	23-JUL-2010	19:29:04.272	19:40:41.283	697.01100
MM	79770	23-JUL-2010	20:47:46.691	21:00:30.510	763.81900
MA	79770	23-JUL-2010	19:47:03.238	19:59:41.198	757.96000
JO	79770	23-JUL-2010	21:07:00.063	21:21:48.702	888.63900
HO	79771	23-JUL-2010	22:20:43.730	22:32:30.251	706.52100
MM	79771	23-JUL-2010	22:27:52.924	22:40:17.638	744.71400
MA	79771	23-JUL-2010	21:26:04.639	21:39:12.090	787.45100
HO	79772	23-JUL-2010	23:57:58.439	00:12:29.489	871.05000

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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

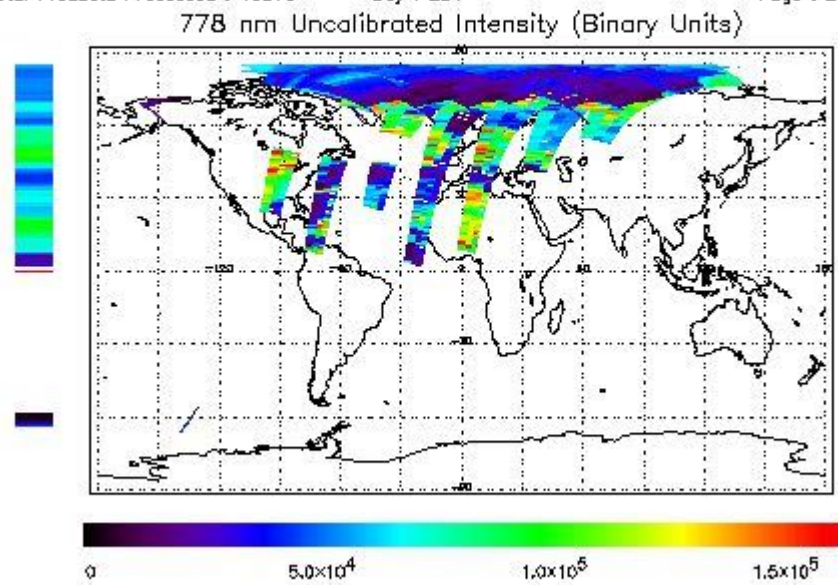
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

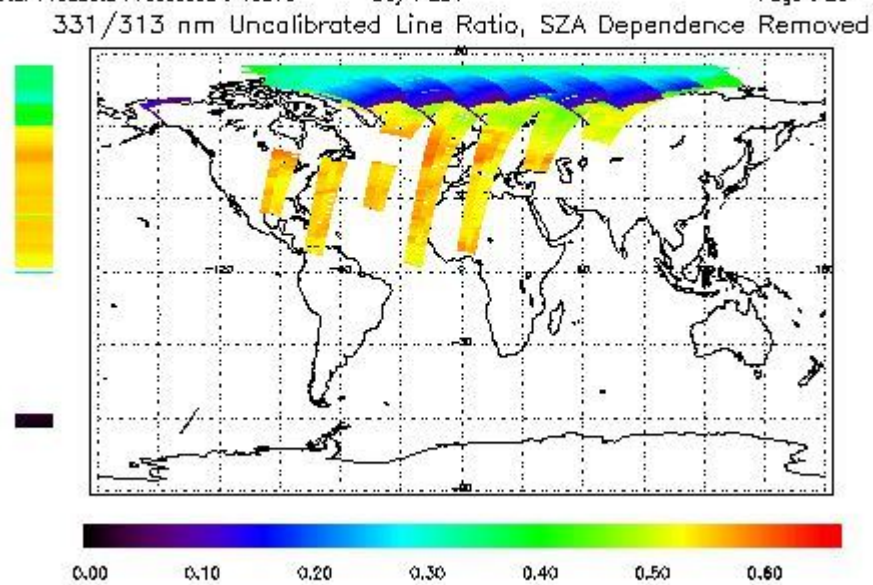
NEAR IR Intensity

First Product : 22-JUL-2010 23:36:35.296 : ORBIT : 79758.0099
 Last Product : 23-JUL-2010 23:29:12.508 : ORBIT : 79772.2508
 Total Products Processed : 10570 Day : 204 Page : 21



Ozone Line Ratio

First Product : 22-JUL-2010 23:36:35.296 : ORBIT : 79758.0099
 Last Product : 23-JUL-2010 23:29:12.508 : ORBIT : 79772.2508
 Total Products Processed : 10570 Day : 204 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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