

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	06-AUG-2010
Start Time of First Product	23:51:27 (05-Aug)
Stop Time of Last Product	17:50:55
Number of EGOI Products analysed	17
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100806HLEP6630.E2	05-AUG-2010	23:51:27.006
EGOI_100806HLEP6640.E2	06-AUG-2010	01:32:27.624
EGOI_100806HLEP6659.E2	06-AUG-2010	15:22:16.178
EGOI_100806KSEP5692.E2	06-AUG-2010	07:43:58.386
EGOI_100806KSEP5712.E2	06-AUG-2010	09:23:58.996
EGOI_100806KSEP5742.E2	06-AUG-2010	11:03:37.102
EGOI_100806KSEP5823.E2	06-AUG-2010	15:59:34.405
EGOI_100806KSEP5852.E2	06-AUG-2010	17:37:30.509
EGOI_100806MAEP5347.E2	06-AUG-2010	09:31:44.042

EGOI_100806MIEP8175.E2	06-AUG-2010	02:20:17.422
EGOI_100806MIEP8195.E2	06-AUG-2010	03:58:40.516
EGOI_100806MIEP8211.E2	06-AUG-2010	14:40:36.928
EGOI_100806MIEP8230.E2	06-AUG-2010	16:17:58.518
EGOI_100806MMEP2572.E2	06-AUG-2010	15:11:14.616
EGOI_100806MSEP4977.E2	06-AUG-2010	00:38:19.800
EGOI_100806SGEP7187.E2	06-AUG-2010	03:01:02.668
EGOI_100806SGEP7201.E2	06-AUG-2010	15:35:16.260

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79963	06-AUG-2010	07:42:29.491	07:43:58.385	88.894000
KS	79964	06-AUG-2010	09:22:04.467	09:23:58.996	114.52900
KS	79965	06-AUG-2010	11:01:39.854	11:03:37.102	117.24800
KS	79968	06-AUG-2010	15:57:35.730	15:59:34.404	118.67400
KS	79969	06-AUG-2010	17:35:30.572	17:37:30.509	119.93700
MS	79959	06-AUG-2010	00:37:08.885	00:38:19.799	70.914000
MA	79964	06-AUG-2010	09:30:11.489	09:31:44.041	92.552000
MI	79960	06-AUG-2010	02:18:31.827	02:20:17.421	105.59400
MI	79961	06-AUG-2010	03:56:11.600	03:58:40.515	148.91500
MI	79967	06-AUG-2010	14:38:51.736	14:40:36.927	105.19100
MI	79968	06-AUG-2010	16:16:10.093	16:17:58.518	108.42500
SG	79960	06-AUG-2010	02:58:50.907	03:01:02.667	131.76000
SG	79967	06-AUG-2010	15:33:19.212	15:35:16.259	117.04700

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79958	05-AUG-2010	23:49:30.005	00:03:57.670	867.66500
MM	79958	06-AUG-2010	00:00:14.941	00:11:43.833	688.89200
HO	79959	06-AUG-2010	01:30:34.562	01:42:23.041	708.47900
MM	79959	06-AUG-2010	01:42:18.688	01:51:57.640	578.95200
GS	79959	06-AUG-2010	00:46:04.002	00:54:31.450	507.44800
BE	79960	06-AUG-2010	02:47:32.342	03:00:53.104	800.76200
MM	79960	06-AUG-2010	03:25:14.753	03:32:32.467	437.71400
GS	79960	06-AUG-2010	02:22:54.481	02:35:20.359	745.87800
CM	79960	06-AUG-2010	03:54:59.375	04:07:20.822	741.44700

BE	79961	06-AUG-2010	04:27:45.142	04:38:20.588	635.44600
MM	79961	06-AUG-2010	05:08:09.539	05:13:56.966	347.42700
GS	79961	06-AUG-2010	04:02:00.566	04:14:21.580	741.01400
SG	79961	06-AUG-2010	04:39:30.712	04:49:41.105	610.39300
MM	79962	06-AUG-2010	06:49:50.805	06:56:40.286	409.48100
KS	79962	06-AUG-2010	06:03:42.193	06:09:09.294	327.10100
CM	79962	06-AUG-2010	05:38:35.533	05:42:40.507	244.97400
JO	79962	06-AUG-2010	06:31:59.942	06:40:22.496	502.55400
MM	79963	06-AUG-2010	08:30:32.650	08:39:42.281	549.63100
MA	79963	06-AUG-2010	07:52:55.988	07:59:48.144	412.15600
JO	79963	06-AUG-2010	08:07:10.617	08:22:10.393	899.77600
MM	79964	06-AUG-2010	10:10:49.739	10:21:59.204	669.46500
JO	79964	06-AUG-2010	09:49:22.540	09:59:18.318	595.77800
HO	79965	06-AUG-2010	12:00:13.468	12:13:34.691	801.22300
MM	79965	06-AUG-2010	11:50:52.515	12:03:11.826	739.31100
MA	79965	06-AUG-2010	11:10:48.237	11:20:04.979	556.74200
MS	79965	06-AUG-2010	11:14:42.142	11:27:43.430	781.28800
HO	79966	06-AUG-2010	13:39:14.260	13:53:43.825	869.56500
MM	79966	06-AUG-2010	13:30:41.560	13:43:24.722	763.16200
KS	79966	06-AUG-2010	12:40:57.755	12:53:46.666	768.91100
MS	79966	06-AUG-2010	12:54:54.481	13:05:27.892	633.41100
BE	79967	06-AUG-2010	14:04:08.723	14:17:33.420	804.69700
HO	79967	06-AUG-2010	15:20:34.188	15:28:10.324	456.13600
KS	79967	06-AUG-2010	14:19:47.674	14:31:28.752	701.07800
GS	79967	06-AUG-2010	14:31:40.463	14:42:40.360	659.89700
SG	79967	06-AUG-2010	15:33:19.212	15:47:10.333	831.12100
BE	79968	06-AUG-2010	15:46:27.012	15:55:15.535	528.52300
MM	79968	06-AUG-2010	16:49:32.526	17:02:04.494	751.96800
GS	79968	06-AUG-2010	16:10:16.277	16:24:09.137	832.86000
CM	79968	06-AUG-2010	16:18:56.554	16:31:19.791	743.23700
MM	79969	06-AUG-2010	18:28:40.682	18:41:15.551	754.86900
GS	79969	06-AUG-2010	17:50:41.614	18:00:43.195	601.58100
CM	79969	06-AUG-2010	18:01:33.963	18:06:10.704	276.74100
MM	79970	06-AUG-2010	20:07:56.761	20:20:40.042	763.28100
MA	79970	06-AUG-2010	19:11:09.646	19:18:51.433	461.78700
KS	79970	06-AUG-2010	19:13:49.514	19:27:46.105	836.59100

JO	79970	06-AUG-2010	20:27:16.997	20:42:09.370	892.37300
MM	79971	06-AUG-2010	21:47:44.267	22:00:21.006	756.73900
MA	79971	06-AUG-2010	20:45:44.017	20:59:26.701	822.68400
KS	79971	06-AUG-2010	20:53:52.295	21:07:22.919	810.62400
JO	79971	06-AUG-2010	22:07:43.403	22:19:24.481	701.07800
HO	79972	06-AUG-2010	23:18:30.916	23:32:38.470	847.55400
MM	79972	06-AUG-2010	23:28:23.817	23:40:16.715	712.89800
MS	79972	06-AUG-2010	22:24:27.713	22:36:47.012	739.29900
MA	79972	06-AUG-2010	22:29:42.315	22:37:10.417	448.10200
KS	79972	06-AUG-2010	22:36:07.242	22:46:54.857	647.61500

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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

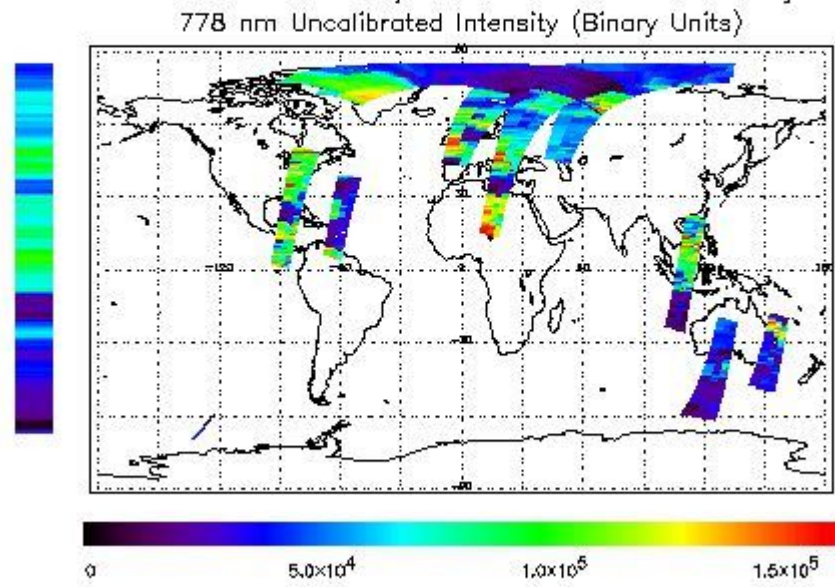
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

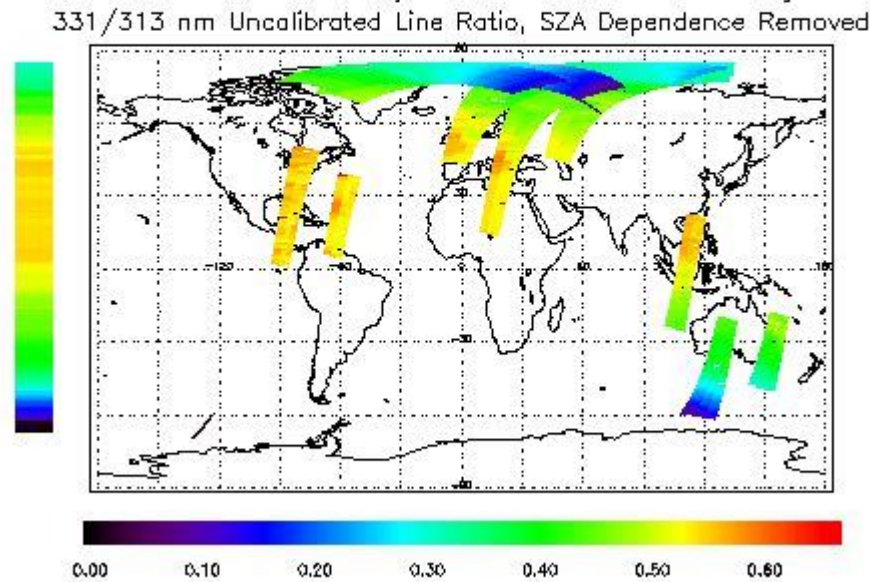
NEAR IR Intensity

F1ret Product : 05-AUG-2010 23:51:27.006 : ORBIT : 79958.5576
 Last Product : 06-AUG-2010 17:50:54.587 : ORBIT : 79969.2879
 Total Products Processed : 8518 Day : 218 Page : 21



Ozone Line Ratio

F1ret Product : 05-AUG-2010 23:51:27.006 : ORBIT : 79958.5576
 Last Product : 06-AUG-2010 17:50:54.587 : ORBIT : 79969.2879
 Total Products Processed : 8518 Day : 218 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