

GOME Daily Report

INDEX

1. [General Info](#)
 - 1.1 [Report Summary](#)
 - 1.2 [List of received products](#)
 - 1.3 [List of data gaps](#)
 - 1.4 [List of missing products](#)
 - 1.5 [List of corrupted products](#)
2. [Instrument Indicators and Daily Plots](#)
 - 2.1 [Instrument Indicators Status](#)
 - 2.2 [Daily Plots](#)
3. [Instrument Calibration](#)
 - 3.1 [Solar Calibration \(daily/TST44\)](#)
 - 3.2 [Lamp Calibration \(quarterly/TST44\)](#)
4. [Instrument Anomalies](#)
 - 4.1 [Single Event Upset \(SEU\)](#)
 - 4.2 [Instrument Off](#)
 - 4.3 [Cooler Switchings](#)
5. [Instrument Operations](#)
 - 5.1 [Timeline Interruptions](#)
 - 5.2 [TST44](#)
 - 5.3 [Power Cycle](#)
 - 5.4 [Wrong Command Execution](#)
 - 5.5 [Narrow Swath Timeline](#)
 - 5.6 [Seasonal Operations](#)

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	08-JUN-2010
Start Time of First Product	23:50:49 (07-Jun)
Stop Time of Last Product	23:43:13
Number of EGOI Products analysed	31
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100608BEEP2966.E2	08-JUN-2010	02:04:27.080
EGOI_100608BEEP2974.E2	08-JUN-2010	03:43:27.677
EGOI_100608GSEP8023.E2	08-JUN-2010	01:38:13.416
EGOI_100608GSEP8054.E2	08-JUN-2010	03:16:32.013
EGOI_100608GSEP8063.E2	08-JUN-2010	04:59:29.645
EGOI_100608KSEP2037.E2	08-JUN-2010	06:58:07.868
EGOI_100608KSEP2056.E2	08-JUN-2010	08:38:05.482
EGOI_100608KSEP2078.E2	08-JUN-2010	10:17:46.589
EGOI_100608KSEP2100.E2	08-JUN-2010	11:57:17.195

EGOI_100608KSEP2117.E2	08-JUN-2010	13:36:14.799
EGOI_100608KSEP2126.E2	08-JUN-2010	15:14:54.401
EGOI_100608KSEP2153.E2	08-JUN-2010	16:52:21.999
EGOI_100608KSEP2184.E2	08-JUN-2010	18:30:15.094
EGOI_100608KSEP2208.E2	08-JUN-2010	20:09:03.701
EGOI_100608KSEP2236.E2	08-JUN-2010	21:50:10.315
EGOI_100608KSEP2251.E2	08-JUN-2010	23:33:39.449
EGOI_100608MAEP3029.E2	08-JUN-2010	08:46:14.529
EGOI_100608MAEP3040.E2	08-JUN-2010	10:25:18.136
EGOI_100608MAEP3054.E2	08-JUN-2010	20:02:44.158
EGOI_100608MIEP4900.E2	08-JUN-2010	03:12:06.490
EGOI_100608MIEP4925.E2	08-JUN-2010	04:53:50.611
EGOI_100608MIEP4942.E2	08-JUN-2010	15:32:24.507
EGOI_100608MIEP4967.E2	08-JUN-2010	17:12:34.120
EGOI_100608MMEP9594.E2	08-JUN-2010	04:21:11.412
EGOI_100608MMEP9603.E2	08-JUN-2010	07:44:50.154
EGOI_100608MSEP8150.E2	07-JUN-2010	23:50:48.758
EGOI_100608MSEP8169.E2	08-JUN-2010	10:32:04.680
EGOI_100608MSEP8198.E2	08-JUN-2010	12:10:20.273
EGOI_100608MSEP8232.E2	08-JUN-2010	23:19:07.855
EGOI_100608SGEP6134.E2	08-JUN-2010	14:52:09.264
EGOI_100608SGEP6140.E2	08-JUN-2010	16:30:20.362

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79118	08-JUN-2010	06:57:06.401	06:58:07.868	61.467000
KS	79119	08-JUN-2010	08:36:31.720	08:38:05.481	93.761000
KS	79120	08-JUN-2010	10:16:09.376	10:17:46.588	97.212000
KS	79121	08-JUN-2010	11:55:37.483	11:57:17.194	99.711000
KS	79122	08-JUN-2010	13:34:37.912	13:36:14.798	96.886000
KS	79123	08-JUN-2010	15:12:59.915	15:14:54.400	114.485000
KS	79124	08-JUN-2010	16:50:36.957	16:52:21.998	105.041000
KS	79125	08-JUN-2010	18:28:38.848	18:30:15.093	96.245000
KS	79126	08-JUN-2010	20:07:54.185	20:09:03.700	69.515000
KS	79127	08-JUN-2010	21:49:03.398	21:50:10.314	66.916000
MS	79114	07-JUN-2010	23:49:28.187	23:50:48.757	80.570000
MS	79120	08-JUN-2010	10:30:22.546	10:32:04.680	102.134000
MS	79121	08-JUN-2010	12:08:38.372	12:10:20.273	101.901000
MS	79128	08-JUN-2010	23:17:46.112	23:19:07.854	81.742000
MA	79120	08-JUN-2010	10:24:11.882	10:25:18.136	66.254000

MA	79126	08-JUN-2010	20:00:52.236	20:02:44.158	111.92200
MI	79116	08-JUN-2010	03:10:41.160	03:12:06.489	85.329000
MI	79117	08-JUN-2010	04:52:27.529	04:53:50.611	83.082000
MI	79123	08-JUN-2010	15:30:54.864	15:32:24.506	89.642000
MI	79123	08-JUN-2010	15:38:02.041	15:43:52.260	350.21900
MI	79124	08-JUN-2010	17:11:08.524	17:12:34.119	85.595000
BE	79115	08-JUN-2010	02:02:35.520	02:04:27.079	111.55900
BE	79116	08-JUN-2010	03:41:38.072	03:43:27.677	109.60500
SG	79122	08-JUN-2010	14:48:28.302	14:52:09.263	220.96100
SG	79123	08-JUN-2010	16:28:26.544	16:30:20.362	113.81800

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79114	08-JUN-2010	00:43:42.226	00:57:48.118	845.89200
MM	79114	08-JUN-2010	00:55:31.355	01:06:06.559	635.20400
KS	79114	08-JUN-2010	00:06:32.956	00:11:21.467	288.51100
MM	79115	08-JUN-2010	02:38:07.094	02:46:30.008	502.91400
SG	79115	08-JUN-2010	02:15:24.256	02:25:04.207	579.95100
SG	79116	08-JUN-2010	03:52:35.742	04:06:04.531	808.78900
CM	79116	08-JUN-2010	03:10:49.352	03:21:07.358	618.00600
CM	79116	08-JUN-2010	04:49:32.421	05:00:37.133	664.71200
MM	79117	08-JUN-2010	06:03:31.976	06:09:34.946	362.97000
JO	79118	08-JUN-2010	07:22:38.811	07:36:18.343	819.53200
MM	79119	08-JUN-2010	09:25:01.105	09:35:21.341	620.23600
JO	79119	08-JUN-2010	09:01:39.754	09:15:38.795	839.04100
MM	79120	08-JUN-2010	11:05:10.029	11:17:03.828	713.79900
MM	79121	08-JUN-2010	12:45:05.518	12:57:42.523	757.00500
HO	79122	08-JUN-2010	14:33:55.632	14:45:36.026	700.39400
MM	79122	08-JUN-2010	14:24:46.363	14:37:29.485	763.12200
SG	79122	08-JUN-2010	14:48:28.302	15:01:24.464	776.16200
BE	79123	08-JUN-2010	14:58:46.463	15:11:09.041	742.57800
MM	79123	08-JUN-2010	16:04:10.922	16:16:45.559	754.63700
GS	79123	08-JUN-2010	15:24:54.199	15:38:30.881	816.68200
CM	79123	08-JUN-2010	15:34:29.265	15:44:53.769	624.50400
MM	79124	08-JUN-2010	17:43:21.822	17:55:53.885	752.06300

GS	79124	08-JUN-2010	17:04:33.905	17:17:09.634	755.72900
CM	79124	08-JUN-2010	17:13:23.631	17:24:21.541	657.91000
MM	79125	08-JUN-2010	19:22:31.518	19:35:11.379	759.86100
JO	79125	08-JUN-2010	19:42:42.852	19:55:36.291	773.43900
MM	79126	08-JUN-2010	21:02:01.753	21:14:44.879	763.12600
JO	79126	08-JUN-2010	21:21:19.264	21:35:45.003	865.73900
HO	79127	08-JUN-2010	22:34:19.079	22:46:50.969	751.89000
MM	79127	08-JUN-2010	22:42:15.396	22:54:34.121	738.72500
MA	79127	08-JUN-2010	21:40:35.866	21:53:13.994	758.12800

[[BACK TO MENU](#)]

1.5 - List of corrupted products

Station	Orbit	Time
---------	-------	------

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

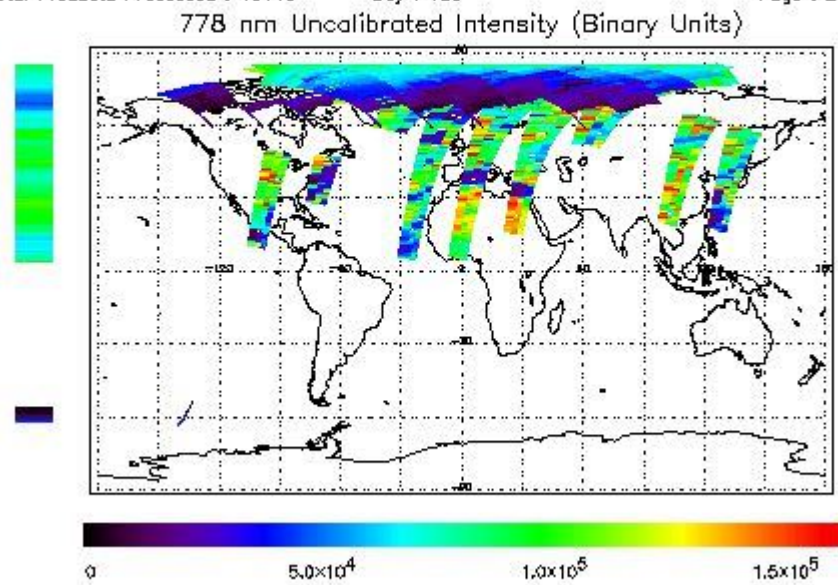
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

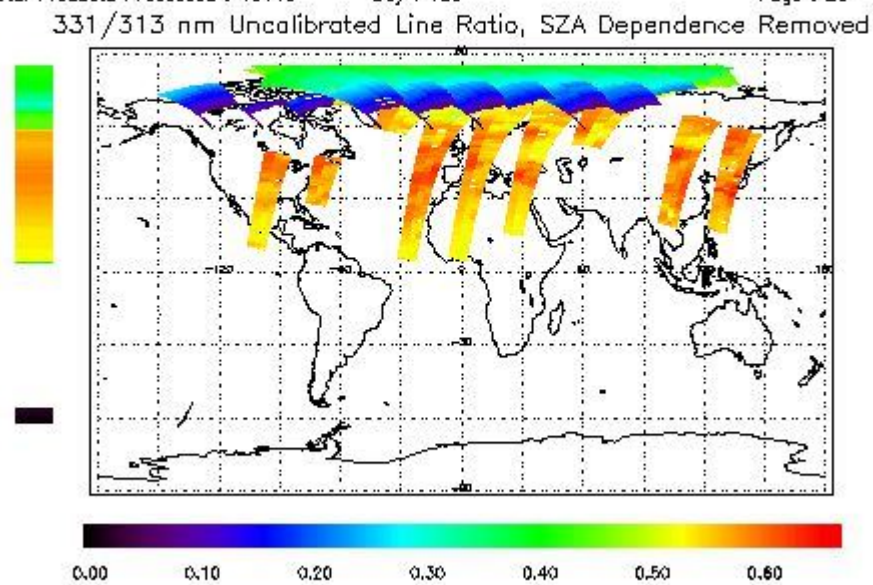
NEAR IR Intensity

First Product : 07-JUN-2010 23:50:48.758 : ORBIT : 79114.0084
 Last Product : 08-JUN-2010 23:43:12.503 : ORBIT : 79128.2471
 Total Products Processed : 15119 Day : 159 Page : 21



Ozone Line Ratio

First Product : 07-JUN-2010 23:50:48.758 : ORBIT : 79114.0084
 Last Product : 08-JUN-2010 23:43:12.503 : ORBIT : 79128.2471
 Total Products Processed : 15119 Day : 159 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
--	--	--	--	--

5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility
--	--	--

5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--