

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	28-MAY-2010
Start Time of First Product	00:00:52
Stop Time of Last Product	23:42:02
Number of EGOI Products analysed	30
Number of corrupted products	--
Anomalies and/or Special Operations	No solar calibration available due to missing data

1.2 - List of received products

Name	Date	Time
EGOI_100528BEEP2867.E2	28-MAY-2010	02:49:07.556
EGOI_100528BEEP2881.E2	28-MAY-2010	14:05:47.689
EGOI_100528GSEP7278.E2	28-MAY-2010	02:22:38.896
EGOI_100528GSEP7303.E2	28-MAY-2010	04:03:11.013
EGOI_100528GSEP7309.E2	28-MAY-2010	05:45:31.130
EGOI_100528KSEP9304.E2	28-MAY-2010	07:43:36.353
EGOI_100528KSEP9327.E2	28-MAY-2010	09:23:36.963
EGOI_100528KSEP9358.E2	28-MAY-2010	11:03:13.573
EGOI_100528KSEP9382.E2	28-MAY-2010	12:42:30.675

EGOI_100528KSEP9392.E2	28-MAY-2010	14:21:25.276
EGOI_100528KSEP9407.E2	28-MAY-2010	15:59:10.877
EGOI_100528KSEP9466.E2	28-MAY-2010	19:15:00.071
EGOI_100528KSEP9497.E2	28-MAY-2010	20:54:56.185
EGOI_100528KSEP9524.E2	28-MAY-2010	22:37:05.811
EGOI_100528MAEP2694.E2	28-MAY-2010	09:31:20.505
EGOI_100528MAEP2713.E2	28-MAY-2010	11:10:57.120
EGOI_100528MIEP3935.E2	28-MAY-2010	02:19:56.880
EGOI_100528MIEP3956.E2	28-MAY-2010	03:58:21.478
EGOI_100528MIEP3973.E2	28-MAY-2010	14:40:07.396
EGOI_100528MIEP4001.E2	28-MAY-2010	16:17:36.488
EGOI_100528MMEP9119.E2	28-MAY-2010	00:00:51.529
EGOI_100528MMEP9127.E2	28-MAY-2010	01:42:43.154
EGOI_100528MMEP9135.E2	28-MAY-2010	03:25:21.283
EGOI_100528MMEP9146.E2	28-MAY-2010	10:11:25.255
EGOI_100528MMEP9155.E2	28-MAY-2010	15:10:52.579
EGOI_100528MMEP9166.E2	28-MAY-2010	23:29:22.625
EGOI_100528MSEP6914.E2	28-MAY-2010	00:38:06.762
EGOI_100528MSEP6932.E2	28-MAY-2010	11:16:21.151
EGOI_100528MSEP6958.E2	28-MAY-2010	12:56:32.261
EGOI_100528MSEP6991.E2	28-MAY-2010	22:25:23.733

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78961	28-MAY-2010	07:42:29.491	07:43:36.353	66.862000
KS	78962	28-MAY-2010	09:22:04.467	09:23:36.962	92.495000
KS	78963	28-MAY-2010	11:01:39.854	11:03:13.573	93.719000
KS	78964	28-MAY-2010	12:40:57.755	12:42:30.674	92.919000
KS	78965	28-MAY-2010	14:19:47.673	14:21:25.276	97.603000
KS	78966	28-MAY-2010	15:57:35.729	15:59:10.877	95.148000
KS	78968	28-MAY-2010	19:13:49.514	19:15:00.071	70.557000
KS	78969	28-MAY-2010	20:53:52.295	20:54:56.185	63.890000
GS	78959	28-MAY-2010	04:02:00.565	04:03:11.013	70.448000
MS	78963	28-MAY-2010	11:14:42.142	11:16:21.151	99.009000
MS	78964	28-MAY-2010	12:54:54.481	12:56:32.261	97.780000
MA	78962	28-MAY-2010	09:30:11.489	09:31:20.505	69.016000
MI	78958	28-MAY-2010	02:18:31.826	02:19:56.879	85.053000
MI	78959	28-MAY-2010	03:56:11.599	03:58:21.478	129.87900
MI	78965	28-MAY-2010	14:38:51.735	14:40:07.395	75.660000
MI	78966	28-MAY-2010	16:16:10.092	16:17:36.487	86.395000

BE	78958	28-MAY-2010	02:47:32.341	02:49:07.556	95.215000
BE	78965	28-MAY-2010	14:04:08.722	14:05:47.688	98.966000
BE	78965	28-MAY-2010	14:07:14.696	14:17:33.419	618.72300

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78956	27-MAY-2010	23:49:30.005	00:03:57.670	867.66500
HO	78957	28-MAY-2010	01:30:34.562	01:42:23.041	708.47900
GS	78957	28-MAY-2010	00:46:04.002	00:54:31.450	507.44800
SG	78958	28-MAY-2010	02:58:50.906	03:12:12.089	801.18300
CM	78958	28-MAY-2010	03:54:59.374	04:07:20.821	741.44700
BE	78959	28-MAY-2010	04:27:45.141	04:38:20.587	635.44600
MM	78959	28-MAY-2010	05:08:09.538	05:13:56.965	347.42700
SG	78959	28-MAY-2010	04:39:30.711	04:49:41.104	610.39300
MM	78960	28-MAY-2010	06:49:50.805	06:56:40.286	409.48100
KS	78960	28-MAY-2010	06:03:42.193	06:09:09.294	327.10100
CM	78960	28-MAY-2010	05:38:35.533	05:42:40.507	244.97400
JO	78960	28-MAY-2010	06:31:59.942	06:40:22.496	502.55400
MM	78961	28-MAY-2010	08:30:32.650	08:39:42.281	549.63100
MA	78961	28-MAY-2010	07:52:55.988	07:59:48.144	412.15600
JO	78961	28-MAY-2010	08:07:10.617	08:22:10.393	899.77600
JO	78962	28-MAY-2010	09:49:22.540	09:59:18.318	595.77800
HO	78963	28-MAY-2010	12:00:13.468	12:13:34.691	801.22300
MM	78963	28-MAY-2010	11:50:52.515	12:03:11.826	739.31100
HO	78964	28-MAY-2010	13:39:14.260	13:53:43.825	869.56500
MM	78964	28-MAY-2010	13:30:41.560	13:43:24.722	763.16200
HO	78965	28-MAY-2010	15:20:34.187	15:28:10.323	456.13600
GS	78965	28-MAY-2010	14:31:40.462	14:42:40.359	659.89700
SG	78965	28-MAY-2010	15:33:19.211	15:47:10.332	831.12100
BE	78966	28-MAY-2010	15:46:27.011	15:55:15.534	528.52300
MM	78966	28-MAY-2010	16:49:32.525	17:02:04.493	751.96800
GS	78966	28-MAY-2010	16:10:16.276	16:24:09.136	832.86000
CM	78966	28-MAY-2010	16:18:56.553	16:31:19.790	743.23700
MM	78967	28-MAY-2010	18:28:40.682	18:41:15.551	754.86900
KS	78967	28-MAY-2010	17:35:30.572	17:48:23.284	772.71200

GS	78967	28-MAY-2010	17:50:41.614	18:00:43.195	601.58100
CM	78967	28-MAY-2010	18:01:33.963	18:06:10.704	276.74100
MM	78968	28-MAY-2010	20:07:56.761	20:20:40.042	763.28100
MA	78968	28-MAY-2010	19:11:09.646	19:18:51.433	461.78700
JO	78968	28-MAY-2010	20:27:16.997	20:42:09.370	892.37300
MM	78969	28-MAY-2010	21:47:44.267	22:00:21.006	756.73900
MA	78969	28-MAY-2010	20:45:44.017	20:59:26.701	822.68400
JO	78969	28-MAY-2010	22:07:43.403	22:19:24.481	701.07800
HO	78970	28-MAY-2010	23:18:30.916	23:32:38.470	847.55400
MA	78970	28-MAY-2010	22:29:42.315	22:37:10.417	448.10200

[[BACK TO MENU](#)]

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

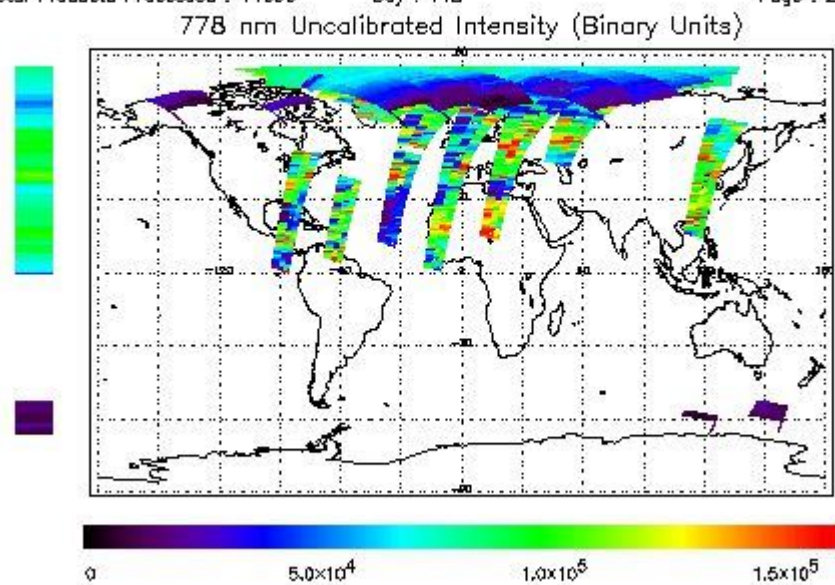
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

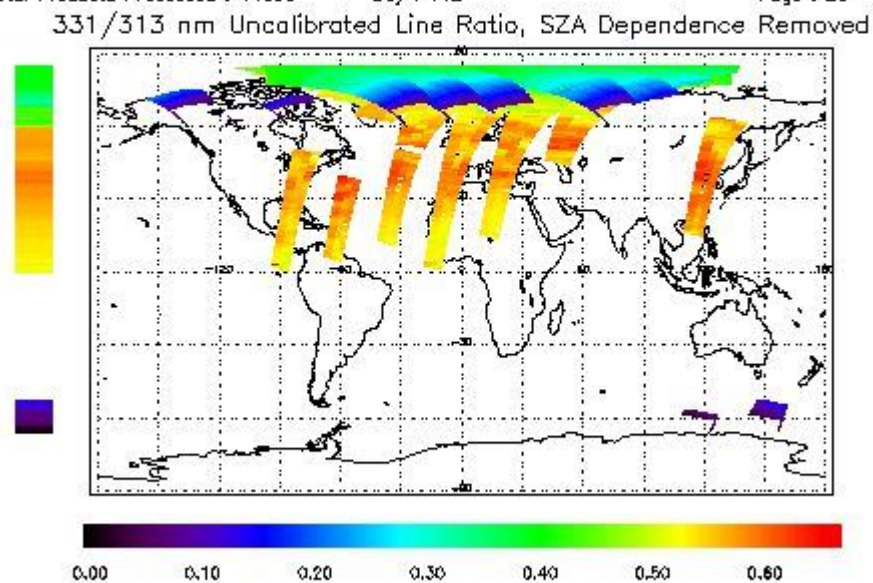
NEAR IR Intensity

F1ret Product : 28-MAY-2010 00:00:51.529 : ORBIT : 78956.6511
 Last Product : 28-MAY-2010 23:42:01.703 : ORBIT : 78970.7782
 Total Products Processed : 14699 Day : 148 Page : 21



Ozone Line Ratio

F1ret Product : 28-MAY-2010 00:00:51.529 : ORBIT : 78956.6511
 Last Product : 28-MAY-2010 23:42:01.703 : ORBIT : 78970.7782
 Total Products Processed : 14699 Day : 148 Page : 20



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[[BACK TO MENU](#)]

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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[[BACK TO MENU](#)]

(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