

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	29-SEP-2010
Start Time of First Product	23:54:37 (28-Sep)
Stop Time of Last Product	23:45:36
Number of EGOI Products analysed	42
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100929GSEP6029.E2	29-SEP-2010	02:26:24.727
EGOI_100929GSEP6054.E2	29-SEP-2010	04:06:43.338
EGOI_100929GSEP6061.E2	29-SEP-2010	05:49:10.965
EGOI_100929HLEP7828.E2	28-SEP-2010	23:54:37.295
EGOI_100929HLEP7842.E2	29-SEP-2010	15:25:32.491
EGOI_100929HLEP7848.E2	29-SEP-2010	21:48:21.331
EGOI_100929HLEP7853.E2	29-SEP-2010	23:23:30.915
EGOI_100929KSEP9246.E2	29-SEP-2010	07:47:10.186
EGOI_100929KSEP9270.E2	29-SEP-2010	09:27:12.294

EGOI_100929KSEP9301.E2	29-SEP-2010	11:06:48.909
EGOI_100929KSEP9330.E2	29-SEP-2010	12:46:04.512
EGOI_100929KSEP9357.E2	29-SEP-2010	14:24:57.618
EGOI_100929KSEP9366.E2	29-SEP-2010	16:02:43.218
EGOI_100929KSEP9392.E2	29-SEP-2010	17:40:39.321
EGOI_100929KSEP9424.E2	29-SEP-2010	19:18:32.416
EGOI_100929KSEP9455.E2	29-SEP-2010	20:58:31.527
EGOI_100929KSEP9482.E2	29-SEP-2010	22:40:54.653
EGOI_100929MAEP7678.E2	29-SEP-2010	09:34:51.344
EGOI_100929MAEP7693.E2	29-SEP-2010	11:14:32.454
EGOI_100929MAEP7709.E2	29-SEP-2010	22:33:20.110
EGOI_100929MIEP1955.E2	29-SEP-2010	02:23:21.707
EGOI_100929MIEP1975.E2	29-SEP-2010	04:01:56.810
EGOI_100929MIEP1993.E2	29-SEP-2010	14:43:33.733
EGOI_100929MIEP2006.E2	29-SEP-2010	16:21:11.835
EGOI_100929MMEP5696.E2	29-SEP-2010	00:04:28.358
EGOI_100929MMEP5707.E2	29-SEP-2010	03:28:59.607
EGOI_100929MMEP5714.E2	29-SEP-2010	05:11:36.237
EGOI_100929MMEP5723.E2	29-SEP-2010	06:53:27.857
EGOI_100929MMEP5731.E2	29-SEP-2010	08:39:16.507
EGOI_100929MMEP5738.E2	29-SEP-2010	11:55:25.203
EGOI_100929MMEP5747.E2	29-SEP-2010	15:14:21.921
EGOI_100929MMEP5753.E2	29-SEP-2010	16:53:55.536
EGOI_100929MMEP5761.E2	29-SEP-2010	20:12:37.245
EGOI_100929MMEP5770.E2	29-SEP-2010	21:52:57.360
EGOI_100929MMEP5778.E2	29-SEP-2010	23:33:08.469
EGOI_100929MSEP1195.E2	29-SEP-2010	00:41:45.089
EGOI_100929MSEP1209.E2	29-SEP-2010	11:19:54.989
EGOI_100929MSEP1235.E2	29-SEP-2010	13:00:07.602
EGOI_100929MSEP1264.E2	29-SEP-2010	22:29:11.087
EGOI_100929SGEP8436.E2	29-SEP-2010	03:03:57.954
EGOI_100929SGEP8441.E2	29-SEP-2010	04:44:10.569
EGOI_100929SGEP8446.E2	29-SEP-2010	14:01:55.981

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	80736	29-SEP-2010	07:45:19.977	07:47:10.185	110.20800
KS	80737	29-SEP-2010	09:24:55.280	09:27:12.294	137.01400
KS	80738	29-SEP-2010	11:04:30.408	11:06:48.909	138.50100
KS	80739	29-SEP-2010	12:43:47.538	12:46:04.512	136.97400
KS	80740	29-SEP-2010	14:22:36.519	14:24:57.618	141.09900
KS	80741	29-SEP-2010	16:00:23.188	16:02:43.217	140.02900

KS	80742	29-SEP-2010	17:38:18.197	17:40:39.320	141.12300
KS	80743	29-SEP-2010	19:16:39.544	19:18:32.416	112.87200
KS	80744	29-SEP-2010	20:56:45.545	20:58:31.526	105.98100
KS	80745	29-SEP-2010	22:39:04.973	22:40:54.652	109.67900
GS	80734	29-SEP-2010	04:04:57.219	04:06:43.338	106.11900
MS	80732	29-SEP-2010	00:40:14.141	00:41:45.089	90.948000
MS	80738	29-SEP-2010	11:17:31.030	11:19:54.989	143.95900
MS	80739	29-SEP-2010	12:57:51.169	13:00:07.602	136.43300
MS	80745	29-SEP-2010	22:27:13.255	22:29:11.086	117.83100
MA	80737	29-SEP-2010	09:33:01.274	09:34:51.343	110.06900
MI	80733	29-SEP-2010	02:21:12.586	02:23:21.707	129.12100
MI	80734	29-SEP-2010	03:59:05.034	04:01:56.810	171.77600
MI	80740	29-SEP-2010	14:41:30.803	14:43:33.732	122.92900
MI	80741	29-SEP-2010	16:19:01.549	16:21:11.834	130.28500
MM	80731	29-SEP-2010	00:03:09.004	00:04:28.357	79.353000
MM	80736	29-SEP-2010	08:33:24.819	08:39:16.507	351.68800
MM	80738	29-SEP-2010	11:53:43.829	11:55:25.202	101.37300
MM	80740	29-SEP-2010	15:13:05.488	15:14:21.921	76.433000
MM	80741	29-SEP-2010	16:52:22.545	16:53:55.536	92.991000
MM	80743	29-SEP-2010	20:10:47.283	20:12:37.244	109.96100
MM	80744	29-SEP-2010	21:50:36.021	21:52:57.360	141.33900
MM	80745	29-SEP-2010	23:31:17.289	23:33:08.468	111.17900
SG	80733	29-SEP-2010	03:01:37.770	03:03:57.954	140.18400
SG	80734	29-SEP-2010	04:42:31.563	04:44:10.568	99.005000
SG	80739	29-SEP-2010	14:00:35.362	14:01:55.980	80.618000

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	80731	28-SEP-2010	23:52:19.126	00:06:48.355	869.22900
HO	80732	29-SEP-2010	01:33:31.005	01:45:08.441	697.43600
MM	80732	29-SEP-2010	01:45:14.555	01:54:49.707	575.15200
GS	80732	29-SEP-2010	00:48:42.894	00:57:26.791	523.89700
BE	80733	29-SEP-2010	02:50:22.148	03:03:44.530	802.38200
CM	80733	29-SEP-2010	03:57:48.330	04:10:11.653	743.32300
BE	80734	29-SEP-2010	04:30:39.497	04:41:02.457	622.96000

KS	80735	29-SEP-2010	06:06:28.814	06:12:13.969	345.15500
CM	80735	29-SEP-2010	05:42:08.654	05:44:49.524	160.87000
JO	80735	29-SEP-2010	06:34:33.508	06:43:24.014	530.50600
MA	80736	29-SEP-2010	07:55:59.130	08:01:45.735	346.60500
JO	80736	29-SEP-2010	08:10:00.071	08:25:00.926	900.85500
MM	80737	29-SEP-2010	10:13:41.431	10:24:53.618	672.18700
JO	80737	29-SEP-2010	09:52:27.584	10:01:56.748	569.16400
HO	80738	29-SEP-2010	12:03:02.251	12:16:30.725	808.47400
HO	80739	29-SEP-2010	13:42:05.676	13:56:32.610	866.93400
MM	80739	29-SEP-2010	13:33:32.458	13:46:15.790	763.33200
SG	80739	29-SEP-2010	14:00:35.362	14:07:31.788	416.42600
BE	80740	29-SEP-2010	14:06:58.852	14:20:23.830	804.97800
HO	80740	29-SEP-2010	15:23:29.994	15:30:49.089	439.09500
GS	80740	29-SEP-2010	14:34:26.851	14:45:24.785	657.93400
BE	80741	29-SEP-2010	15:49:31.146	15:57:56.863	505.71700
GS	80741	29-SEP-2010	16:13:07.082	16:26:58.435	831.35300
CM	80741	29-SEP-2010	16:21:46.011	16:34:10.546	744.53500
MM	80742	29-SEP-2010	18:31:30.640	18:44:05.745	755.10500
GS	80742	29-SEP-2010	17:53:35.725	18:03:24.139	588.41400
CM	80742	29-SEP-2010	18:04:52.836	18:08:28.101	215.26500
MA	80743	29-SEP-2010	19:13:16.670	19:21:17.611	480.94100
JO	80743	29-SEP-2010	20:30:06.070	20:45:01.157	895.08700
HO	80744	29-SEP-2010	21:46:15.819	21:54:40.215	504.39600
MA	80744	29-SEP-2010	20:48:34.175	21:02:17.067	822.89200
JO	80744	29-SEP-2010	22:10:39.807	22:22:04.566	684.75900
HO	80745	29-SEP-2010	23:21:18.969	23:35:29.599	850.63000

[[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	Polar View operated
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

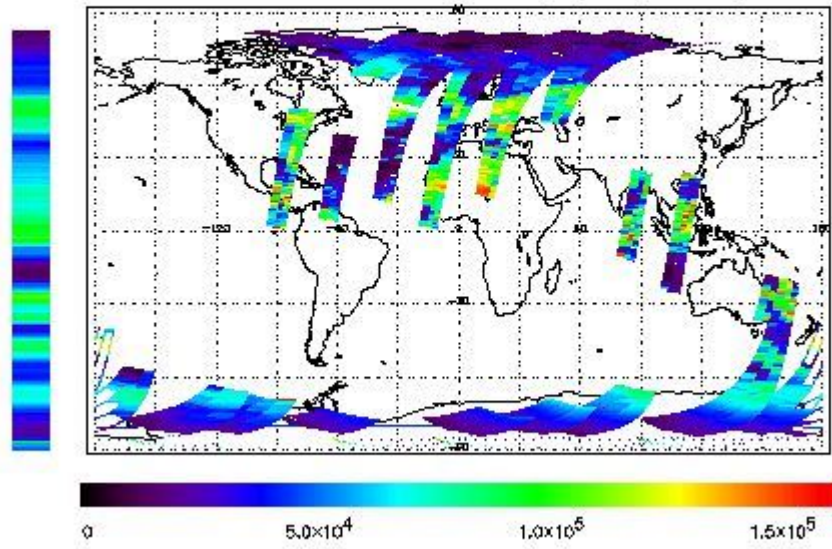
The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explanation see the [GOME Performance Legend](#)

NEAR IR Intensity

First Product : 28-SEP-2010 23:54:37.295 : ORBIT : 80731.5606
Last Product : 29-SEP-2010 23:45:35.547 : ORBIT : 80746.7851
Total Products Processed : 19830 Day : 272

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778 nm Uncalibrated Intensity (Binary Units)

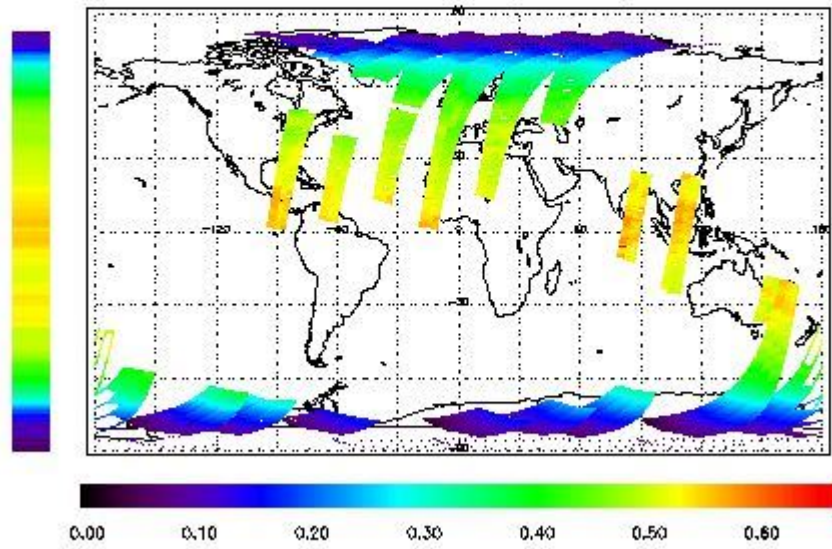


Ozone Line Ratio

First Product : 28-SEP-2010 23:54:37.295 : ORBIT : 80731.5606
Last Product : 29-SEP-2010 23:45:35.547 : ORBIT : 80746.7851
Total Products Processed : 19830 Day : 272

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331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



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
01:00 05-Sep	--	80388	--