

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	19-SEP-2010
Start Time of First Product	00:18:54
Stop Time of Last Product	23:06:54
Number of EGOI Products analysed	37
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100919GSEP5345.E2	19-SEP-2010	01:03:33.638
EGOI_100919GSEP5367.E2	19-SEP-2010	02:40:14.727
EGOI_100919GSEP5392.E2	19-SEP-2010	04:21:24.345
EGOI_100919GSEP5399.E2	19-SEP-2010	06:15:01.042
EGOI_100919KSEP6723.E2	19-SEP-2010	06:21:49.079
EGOI_100919KSEP6741.E2	19-SEP-2010	08:01:43.691
EGOI_100919KSEP6759.E2	19-SEP-2010	09:41:21.801
EGOI_100919KSEP6789.E2	19-SEP-2010	11:20:58.416
EGOI_100919KSEP6818.E2	19-SEP-2010	13:00:09.519

EGOI_100919KSEP6829.E2	19-SEP-2010	14:38:58.129
EGOI_100919KSEP6855.E2	19-SEP-2010	16:16:37.720
EGOI_100919KSEP6885.E2	19-SEP-2010	17:54:41.324
EGOI_100919KSEP6917.E2	19-SEP-2010	19:32:38.922
EGOI_100919KSEP6948.E2	19-SEP-2010	21:12:59.039
EGOI_100919KSEP6969.E2	19-SEP-2010	22:55:31.165
EGOI_100919MAEP7291.E2	19-SEP-2010	08:10:25.749
EGOI_100919MAEP7307.E2	19-SEP-2010	09:48:51.847
EGOI_100919MIEP1100.E2	19-SEP-2010	02:36:47.704
EGOI_100919MIEP1122.E2	19-SEP-2010	04:15:43.809
EGOI_100919MIEP1145.E2	19-SEP-2010	14:57:01.235
EGOI_100919MIEP1164.E2	19-SEP-2010	16:35:30.340
EGOI_100919MMEP5175.E2	19-SEP-2010	00:18:54.359
EGOI_100919MMEP5181.E2	19-SEP-2010	02:00:56.485
EGOI_100919MMEP5191.E2	19-SEP-2010	10:29:14.598
EGOI_100919MMEP5198.E2	19-SEP-2010	12:09:28.710
EGOI_100919MMEP5208.E2	19-SEP-2010	13:50:02.325
EGOI_100919MMEP5213.E2	19-SEP-2010	15:28:29.926
EGOI_100919MSEP0030.E2	19-SEP-2010	00:57:20.099
EGOI_100919MSEP0045.E2	19-SEP-2010	09:57:24.900
EGOI_100919MSEP0070.E2	19-SEP-2010	11:34:01.491
EGOI_100919MSEP0094.E2	19-SEP-2010	13:14:48.614
EGOI_100919MSEP0127.E2	19-SEP-2010	22:42:55.095
EGOI_100919SGEP8206.E2	19-SEP-2010	03:17:55.458
EGOI_100919SGEP8211.E2	19-SEP-2010	03:17:55.458
EGOI_100919SGEP8217.E2	19-SEP-2010	04:59:32.079
EGOI_100919SGEP8223.E2	19-SEP-2010	14:15:08.477
EGOI_100919SGEP8230.E2	19-SEP-2010	15:52:46.576

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	80592	19-SEP-2010	06:20:27.010	06:21:49.079	82.069000
KS	80593	19-SEP-2010	07:59:32.736	08:01:43.691	130.95500
KS	80594	19-SEP-2010	09:39:09.321	09:41:21.800	132.47900
KS	80595	19-SEP-2010	11:18:42.947	11:20:58.416	135.46900
KS	80596	19-SEP-2010	12:57:55.975	13:00:09.518	133.54300
KS	80597	19-SEP-2010	14:36:40.225	14:38:58.129	137.90400
KS	80598	19-SEP-2010	16:14:20.590	16:16:37.719	137.12900
KS	80599	19-SEP-2010	17:52:14.118	17:54:41.323	147.20500
KS	80600	19-SEP-2010	19:30:50.874	19:32:38.921	108.04700
KS	80601	19-SEP-2010	21:11:13.427	21:12:59.038	105.61100

KS	80602	19-SEP-2010	22:53:56.077	22:55:31.165	95.088000
GS	80589	19-SEP-2010	01:02:03.327	01:03:33.638	90.311000
GS	80590	19-SEP-2010	02:38:34.128	02:40:14.726	100.59800
GS	80591	19-SEP-2010	04:19:45.928	04:21:24.345	98.417000
MS	80595	19-SEP-2010	11:31:39.588	11:34:01.491	141.90300
MS	80596	19-SEP-2010	13:12:35.923	13:14:48.613	132.69000
MS	80602	19-SEP-2010	22:41:05.869	22:42:55.094	109.22500
MA	80593	19-SEP-2010	08:09:14.888	08:10:25.748	70.860000
MA	80594	19-SEP-2010	09:47:12.108	09:48:51.847	99.739000
MI	80590	19-SEP-2010	02:34:44.139	02:36:47.704	123.56500
MI	80591	19-SEP-2010	04:13:37.846	04:15:43.808	125.96200
MI	80597	19-SEP-2010	14:54:58.635	14:57:01.235	122.60000
MI	80598	19-SEP-2010	16:33:21.959	16:35:30.339	128.38000
MM	80588	19-SEP-2010	00:17:40.130	00:18:54.359	74.229000
MM	80589	19-SEP-2010	01:59:54.552	02:00:56.484	61.932000
MM	80594	19-SEP-2010	10:27:59.723	10:29:14.598	74.875000
MM	80595	19-SEP-2010	12:08:00.227	12:09:28.709	88.482000
MM	80596	19-SEP-2010	13:47:46.749	13:50:02.325	135.57600
MM	80596	19-SEP-2010	13:51:44.340	14:00:30.606	526.26600
MM	80597	19-SEP-2010	15:27:17.418	15:28:29.925	72.507000
SG	80590	19-SEP-2010	03:15:37.140	03:17:55.458	138.31800
SG	80590	19-SEP-2010	03:21:53.980	03:29:25.113	451.13300
SG	80590	19-SEP-2010	03:15:37.140	03:17:55.458	138.31800
SG	80590	19-SEP-2010	03:21:53.980	03:29:25.113	451.13300
SG	80591	19-SEP-2010	04:57:53.716	04:59:32.078	98.362000
SG	80596	19-SEP-2010	14:13:23.182	14:15:08.476	105.29400
SG	80597	19-SEP-2010	15:50:29.282	15:52:46.576	137.29400

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	80588	19-SEP-2010	00:06:25.022	00:21:00.592	875.57000
HO	80589	19-SEP-2010	01:48:58.530	01:58:53.225	594.69500
BE	80590	19-SEP-2010	03:04:32.963	03:17:57.851	804.88800
MM	80590	19-SEP-2010	03:42:55.686	03:49:50.689	415.00300
CM	80590	19-SEP-2010	02:37:11.045	02:41:41.275	270.23000

CM	80590	19-SEP-2010	04:11:58.377	04:24:21.799	743.42200
BE	80591	19-SEP-2010	04:45:15.029	04:54:25.657	550.62800
MM	80591	19-SEP-2010	05:25:41.636	05:31:28.376	346.74000
MM	80592	19-SEP-2010	07:07:09.428	07:14:21.175	431.74700
JO	80592	19-SEP-2010	06:47:35.883	06:58:19.703	643.82000
MM	80593	19-SEP-2010	08:47:45.400	08:57:18.504	573.10400
JO	80593	19-SEP-2010	08:24:11.519	08:39:11.028	899.50900
JO	80594	19-SEP-2010	10:08:17.579	10:14:45.648	388.06900
MA	80595	19-SEP-2010	11:28:24.913	11:36:24.449	479.53600
HO	80596	19-SEP-2010	13:56:25.430	14:10:23.665	838.23500
SG	80596	19-SEP-2010	14:13:23.182	14:22:58.094	574.91200
BE	80597	19-SEP-2010	14:21:13.263	14:34:34.143	800.88000
GS	80597	19-SEP-2010	14:48:22.352	15:00:39.884	737.53200
CM	80597	19-SEP-2010	15:00:41.799	15:04:38.459	236.66000
BE	80598	19-SEP-2010	16:05:11.997	16:11:05.738	353.74100
MM	80598	19-SEP-2010	17:06:32.528	17:19:04.114	751.58600
GS	80598	19-SEP-2010	16:27:22.181	16:41:01.778	819.59700
CM	80598	19-SEP-2010	16:35:57.338	16:48:19.046	741.70800
MM	80599	19-SEP-2010	18:45:40.534	18:58:16.895	756.36100
GS	80599	19-SEP-2010	18:08:09.439	18:16:43.417	513.97800
JO	80599	19-SEP-2010	19:07:49.977	19:16:08.745	498.76800
MM	80600	19-SEP-2010	20:25:00.305	20:37:44.203	763.89800
MA	80600	19-SEP-2010	19:27:03.330	19:36:24.603	561.27300
JO	80600	19-SEP-2010	20:44:14.170	20:59:15.809	901.63900
MM	80601	19-SEP-2010	22:04:55.457	22:17:27.859	752.40200
MA	80601	19-SEP-2010	21:03:00.741	21:16:26.905	806.16400
JO	80601	19-SEP-2010	22:25:28.736	22:35:15.633	586.89700
HO	80602	19-SEP-2010	23:35:21.111	23:49:44.161	863.05000
MM	80602	19-SEP-2010	23:45:45.442	23:57:25.891	700.44900

[[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

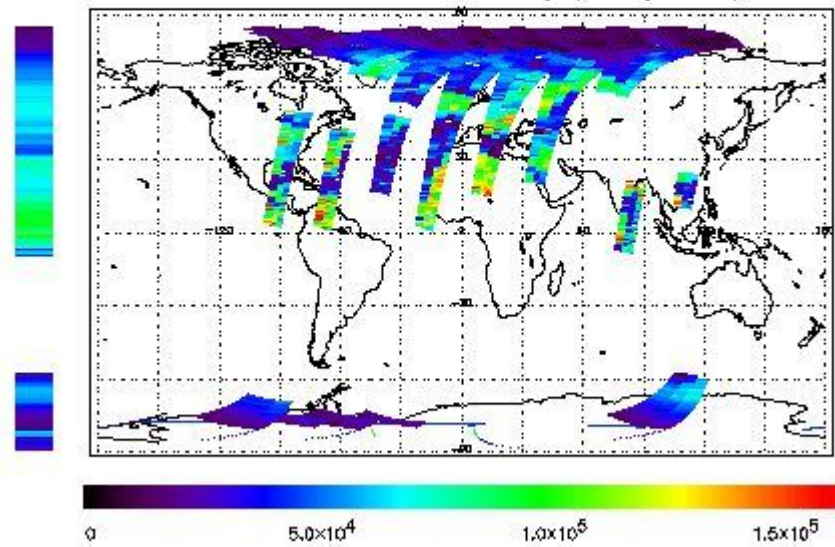
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration 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](#)

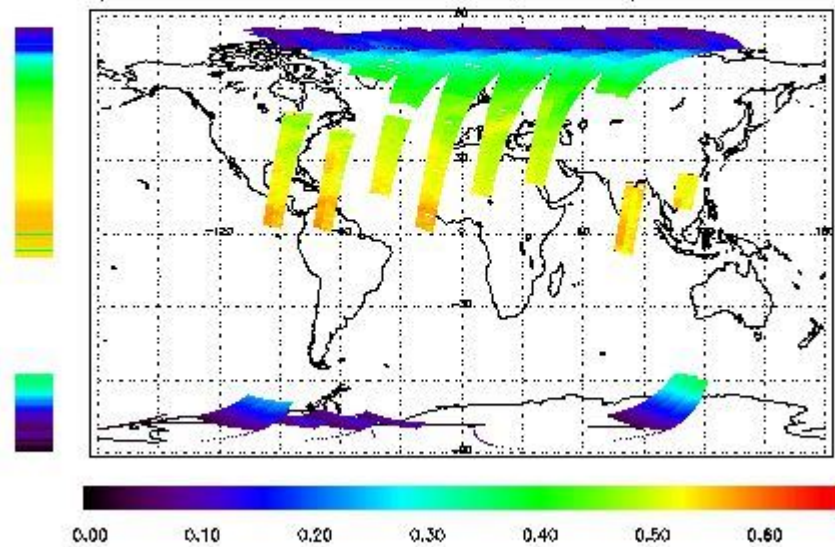
NEAR IR Intensity

778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

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	--