

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	07-AUG-2010
Start Time of First Product	10:46:08
Stop Time of Last Product	22:06:09
Number of EGOI Products analysed	3
Number of corrupted products	--
Anomalies and/or Special Operations	Due to a Ground Segment Problem in Esrin only products from Mas Palomas have been received

1.2 - List of received products

Name	Date	Time
EGOI_100807MSEP5103.E2	07-AUG-2010	10:46:06.760
EGOI_100807MSEP5132.E2	07-AUG-2010	12:25:04.375
EGOI_100807MSEP5159.E2	07-AUG-2010	21:55:55.849

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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MS	79979	07-AUG-2010	10:44:06.300	10:46:06.759	120.45900
MS	79980	07-AUG-2010	12:23:00.976	12:25:04.375	123.39900
MS	79986	07-AUG-2010	21:54:32.069	21:55:55.848	83.779000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79973	07-AUG-2010	00:58:16.113	01:11:47.917	811.80400
MM	79973	07-AUG-2010	01:10:07.274	01:20:25.893	618.61900
MS	79973	07-AUG-2010	00:04:07.178	00:16:00.204	713.02600
KS	79973	07-AUG-2010	00:22:22.251	00:24:51.689	149.43800
BE	79974	07-AUG-2010	02:16:33.579	02:29:09.380	755.80100
MM	79974	07-AUG-2010	02:52:50.241	03:00:52.467	482.22600
MI	79974	07-AUG-2010	01:50:00.770	01:55:47.961	347.19100
GS	79974	07-AUG-2010	01:51:06.169	02:03:52.494	766.32500
SG	79974	07-AUG-2010	02:28:42.791	02:40:03.088	680.29700
BE	79975	07-AUG-2010	03:55:58.947	04:08:18.213	739.26600
MM	79975	07-AUG-2010	04:35:54.346	04:41:56.345	361.99900
MI	79975	07-AUG-2010	03:24:45.763	03:38:08.417	802.65400
GS	79975	07-AUG-2010	03:29:57.219	03:43:27.732	810.51300
SG	79975	07-AUG-2010	04:07:03.380	04:19:55.308	771.92800
CM	79975	07-AUG-2010	03:24:25.503	03:35:43.192	677.68900
CM	79975	07-AUG-2010	05:04:20.724	05:14:15.474	594.75000
MM	79976	07-AUG-2010	06:18:02.001	06:24:16.921	374.92000
MI	79976	07-AUG-2010	05:08:10.371	05:14:07.620	357.24900
MM	79977	07-AUG-2010	07:58:57.477	08:07:22.305	504.82800
KS	79977	07-AUG-2010	07:11:16.175	07:21:28.857	612.68200
JO	79977	07-AUG-2010	07:36:25.380	07:50:43.346	857.96600
MM	79978	07-AUG-2010	09:39:20.384	09:49:57.118	636.73400
KS	79978	07-AUG-2010	08:50:45.601	09:04:05.635	800.03400
MA	79978	07-AUG-2010	08:59:58.638	09:12:24.962	746.32400
JO	79978	07-AUG-2010	09:16:19.945	09:29:29.169	789.22400
MM	79979	07-AUG-2010	11:19:27.355	11:31:30.249	722.89400
KS	79979	07-AUG-2010	10:30:22.937	10:44:21.634	838.69700
MA	79979	07-AUG-2010	10:38:24.001	10:50:09.732	705.73100
MM	79980	07-AUG-2010	12:59:20.865	13:12:00.548	759.68300

KS	79980	07-AUG-2010	12:09:48.276	12:22:59.983	791.70700
HO	79981	07-AUG-2010	14:48:25.322	14:58:21.872	596.55000
MM	79981	07-AUG-2010	14:38:59.460	14:51:41.692	762.23200
KS	79981	07-AUG-2010	13:48:43.192	14:00:46.375	723.18300
GS	79981	07-AUG-2010	14:01:36.448	14:09:31.193	474.74500
SG	79981	07-AUG-2010	15:02:19.959	15:15:51.287	811.32800
BE	79982	07-AUG-2010	15:13:27.415	15:25:05.071	697.65600
MM	79982	07-AUG-2010	16:18:21.717	16:30:55.290	753.57300
MI	79982	07-AUG-2010	15:44:57.454	15:58:14.519	797.06500
KS	79982	07-AUG-2010	15:26:52.612	15:38:38.988	706.37600
GS	79982	07-AUG-2010	15:39:02.486	15:52:52.733	830.24700
SG	79982	07-AUG-2010	16:43:27.277	16:52:55.595	568.31800
CM	79982	07-AUG-2010	15:48:12.411	15:59:36.670	684.25900
MM	79983	07-AUG-2010	17:57:31.424	18:10:04.133	752.70900
MI	79983	07-AUG-2010	17:25:57.651	17:34:48.065	530.41400
KS	79983	07-AUG-2010	17:04:34.642	17:17:15.071	760.42900
GS	79983	07-AUG-2010	17:18:55.846	17:30:53.404	717.55800
CM	79983	07-AUG-2010	17:28:03.523	17:37:52.549	589.02600
MM	79984	07-AUG-2010	19:36:42.587	19:49:23.708	761.12100
KS	79984	07-AUG-2010	18:42:44.052	18:56:29.750	825.69800
JO	79984	07-AUG-2010	19:56:31.194	20:10:19.133	827.93900
MM	79985	07-AUG-2010	21:16:17.711	21:28:59.571	761.86000
MA	79985	07-AUG-2010	20:14:47.163	20:28:33.972	826.80900
KS	79985	07-AUG-2010	20:22:13.381	20:36:04.002	830.62100
JO	79985	07-AUG-2010	21:35:43.014	21:49:33.651	830.63700
HO	79986	07-AUG-2010	22:48:03.694	23:01:09.897	786.20300
MM	79986	07-AUG-2010	22:56:39.111	23:08:50.884	731.77300
MA	79986	07-AUG-2010	21:55:51.159	22:07:08.378	677.21900
KS	79986	07-AUG-2010	22:03:42.047	22:15:40.153	718.10600
MS	79987	07-AUG-2010	23:32:05.796	23:45:15.926	790.13000
KS	79987	07-AUG-2010	23:48:06.103	23:54:40.956	394.85300

[[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

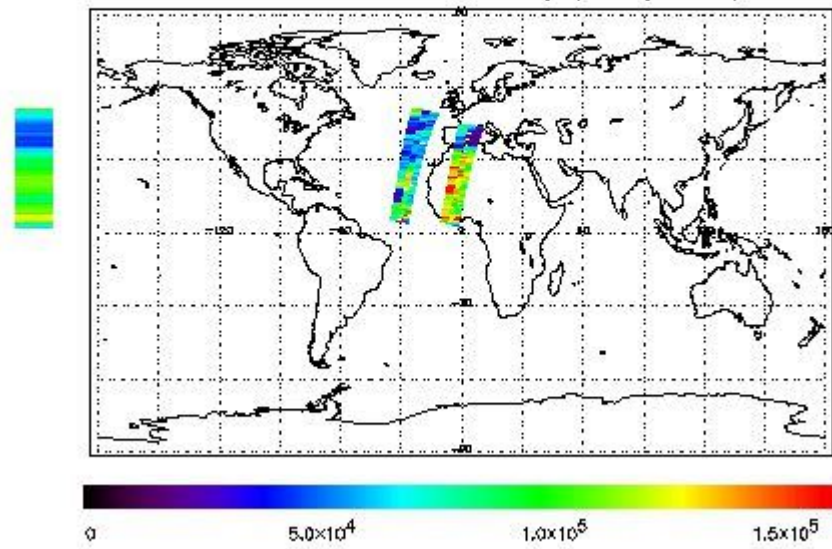
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

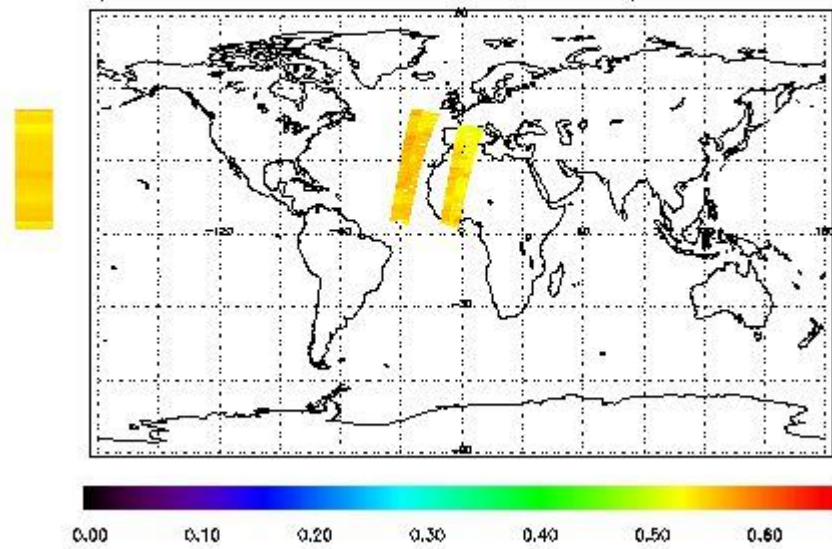
NEAR IR Intensity

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
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