

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	09-AUG-2010
Start Time of First Product	00:07:01
Stop Time of Last Product	23:48:08
Number of EGOI Products analysed	21
Number of corrupted products	--
Anomalies and/or Special Operations	Due to a Ground Segment Problem in Esrin no products available in the time interval from ca 04:00 to 12:00 UTC

1.2 - List of received products

Name	Date	Time
EGOI_100809GSEP2413.E2	09-AUG-2010	00:52:23.675
EGOI_100809GSEP2444.E2	09-AUG-2010	02:28:48.257
EGOI_100809KSEP6381.E2	09-AUG-2010	12:48:34.029
EGOI_100809KSEP6403.E2	09-AUG-2010	14:27:27.127
EGOI_100809KSEP6430.E2	09-AUG-2010	16:05:09.725
EGOI_100809KSEP6459.E2	09-AUG-2010	17:43:07.315
EGOI_100809KSEP6491.E2	09-AUG-2010	19:21:03.408
EGOI_100809KSEP6517.E2	09-AUG-2010	21:01:08.520
EGOI_100809KSEP6543.E2	09-AUG-2010	22:43:34.646

EGOI_100809MAEP5473.E2	09-AUG-2010	20:53:29.480
EGOI_100809MMEP2682.E2	09-AUG-2010	00:07:00.901
EGOI_100809MMEP2704.E2	09-AUG-2010	13:37:20.822
EGOI_100809MMEP2711.E2	09-AUG-2010	15:16:45.424
EGOI_100809MMEP2719.E2	09-AUG-2010	16:56:29.537
EGOI_100809MMEP2726.E2	09-AUG-2010	20:15:08.242
EGOI_100809MMEP2735.E2	09-AUG-2010	21:55:26.853
EGOI_100809MMEP2743.E2	09-AUG-2010	23:35:34.959
EGOI_100809MSEP5333.E2	09-AUG-2010	00:44:37.128
EGOI_100809MSEP5408.E2	09-AUG-2010	22:31:25.571
EGOI_100809SGEP7243.E2	09-AUG-2010	03:06:39.491
EGOI_100809SGEP7264.E2	09-AUG-2010	15:44:35.099

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	80009	09-AUG-2010	12:46:37.288	12:48:34.028	116.74000
KS	80010	09-AUG-2010	14:25:25.330	14:27:27.127	121.79700
KS	80011	09-AUG-2010	16:03:10.634	16:05:09.724	119.09000
KS	80012	09-AUG-2010	17:41:05.864	17:43:07.314	121.45000
KS	80013	09-AUG-2010	19:19:29.651	19:21:03.408	93.757000
KS	80014	09-AUG-2010	20:59:38.902	21:01:08.519	89.617000
KS	80015	09-AUG-2010	22:42:02.863	22:43:34.645	91.782000
GS	80002	09-AUG-2010	00:51:22.215	00:52:23.674	61.459000
MS	80002	09-AUG-2010	00:43:20.776	00:44:37.128	76.352000
MS	80015	09-AUG-2010	22:29:59.132	22:31:25.571	86.439000
MA	80014	09-AUG-2010	20:51:24.562	20:53:29.479	124.91700
MM	80011	09-AUG-2010	16:55:12.556	16:56:29.537	76.981000
MM	80013	09-AUG-2010	20:13:37.832	20:15:08.242	90.410000
MM	80014	09-AUG-2010	21:53:27.820	21:55:26.852	119.03200
MM	80015	09-AUG-2010	23:34:10.812	23:35:34.959	84.147000
SG	80003	09-AUG-2010	03:04:24.981	03:06:39.491	134.51000
SG	80003	09-AUG-2010	03:07:42.493	03:17:57.737	615.24400
SG	80010	09-AUG-2010	15:39:01.306	15:44:35.099	333.79300

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	80001	08-AUG-2010	23:55:08.670	00:09:38.962	870.29200

HO	80002	09-AUG-2010	01:36:27.765	01:47:54.312	686.54700
MM	80002	09-AUG-2010	01:48:10.468	01:57:41.789	571.32100
BE	80003	09-AUG-2010	02:53:12.077	03:06:35.700	803.62300
MM	80003	09-AUG-2010	03:31:08.407	03:38:18.376	429.96900
MI	80003	09-AUG-2010	02:23:53.902	02:34:47.216	653.31400
CM	80003	09-AUG-2010	04:00:37.638	04:13:02.218	744.58000
BE	80004	09-AUG-2010	04:33:34.076	04:43:43.943	609.86700
MM	80004	09-AUG-2010	05:14:00.532	05:19:47.138	346.60600
MI	80004	09-AUG-2010	04:01:58.830	04:14:45.091	766.26100
GS	80004	09-AUG-2010	04:07:54.216	04:19:56.585	722.36900
SG	80004	09-AUG-2010	04:45:33.365	04:54:56.516	563.15100
MM	80005	09-AUG-2010	06:55:37.189	07:02:33.886	416.69700
KS	80005	09-AUG-2010	06:09:15.843	06:15:17.799	361.95600
JO	80005	09-AUG-2010	06:37:08.203	06:46:24.583	556.38000
MM	80006	09-AUG-2010	08:36:16.969	08:45:34.522	557.55300
KS	80006	09-AUG-2010	07:48:10.486	07:59:57.011	706.52500
MA	80006	09-AUG-2010	07:59:07.282	08:07:05.947	478.66500
JO	80006	09-AUG-2010	08:12:49.802	08:27:51.290	901.48800
MM	80007	09-AUG-2010	10:16:33.111	10:27:47.978	674.86700
KS	80007	09-AUG-2010	09:27:46.091	09:41:33.911	827.82000
MA	80007	09-AUG-2010	09:35:51.190	09:49:30.795	819.60500
JO	80007	09-AUG-2010	09:55:33.882	10:04:34.025	540.14300
MM	80008	09-AUG-2010	11:56:35.131	12:08:56.916	741.78500
KS	80008	09-AUG-2010	11:07:20.946	11:21:09.191	828.24500
MA	80008	09-AUG-2010	11:16:39.222	11:25:26.188	526.96600
MS	80008	09-AUG-2010	11:20:20.142	11:33:28.813	788.67100
MS	80009	09-AUG-2010	13:00:48.428	13:10:49.332	600.90400
SG	80009	09-AUG-2010	14:03:05.243	14:10:40.585	455.34200
BE	80010	09-AUG-2010	14:09:49.230	14:23:14.127	804.89700
MI	80010	09-AUG-2010	14:44:10.848	14:53:41.615	570.76700
GS	80010	09-AUG-2010	14:37:13.497	14:48:09.176	655.67900
SG	80010	09-AUG-2010	15:39:01.306	15:52:48.023	826.71700
BE	80011	09-AUG-2010	15:52:36.330	16:00:37.298	480.96800
MI	80011	09-AUG-2010	16:21:53.210	16:34:59.109	785.89900
GS	80011	09-AUG-2010	16:15:57.959	16:29:47.523	829.56400
CM	80011	09-AUG-2010	16:24:35.740	16:37:00.948	745.20800

MM	80012	09-AUG-2010	18:34:20.603	18:46:55.951	755.34800
GS	80012	09-AUG-2010	17:56:30.024	18:06:04.745	574.72100
CM	80012	09-AUG-2010	18:08:27.019	18:10:30.029	123.01000
MA	80013	09-AUG-2010	19:16:24.881	19:24:43.808	498.92700
JO	80013	09-AUG-2010	20:32:55.330	20:47:52.655	897.32500
HO	80014	09-AUG-2010	21:48:52.716	21:57:36.763	524.04700
HO	80015	09-AUG-2010	23:24:07.232	23:38:20.656	853.42400
MA	80015	09-AUG-2010	22:35:59.232	22:42:28.656	389.42400

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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 Temperatures 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

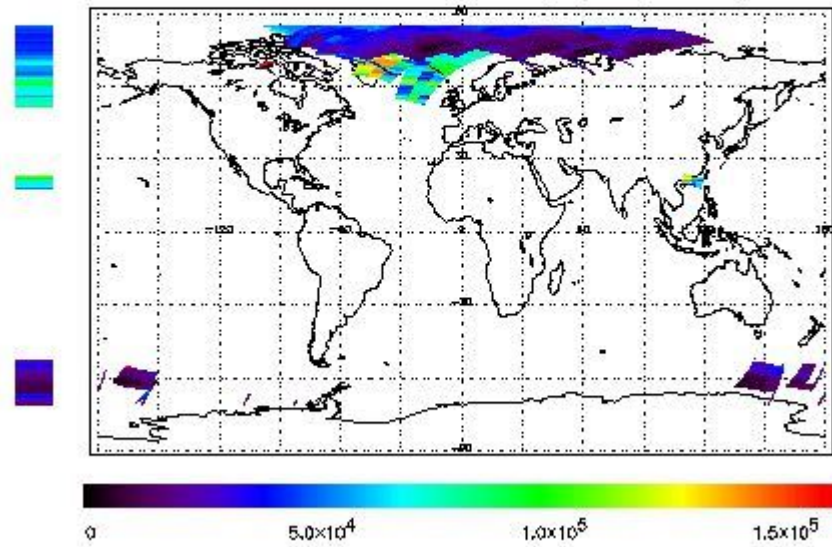
2.2 - Daily Plots

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

FRet Product : 09-AUG-2010 00:07:00.901 : ORBIT : 80001.6552
 Last Product : 09-AUG-2010 23:48:08.041 : ORBIT : 80015.7818
 Total Products Processed : 10174 Day : 221 Page : 21

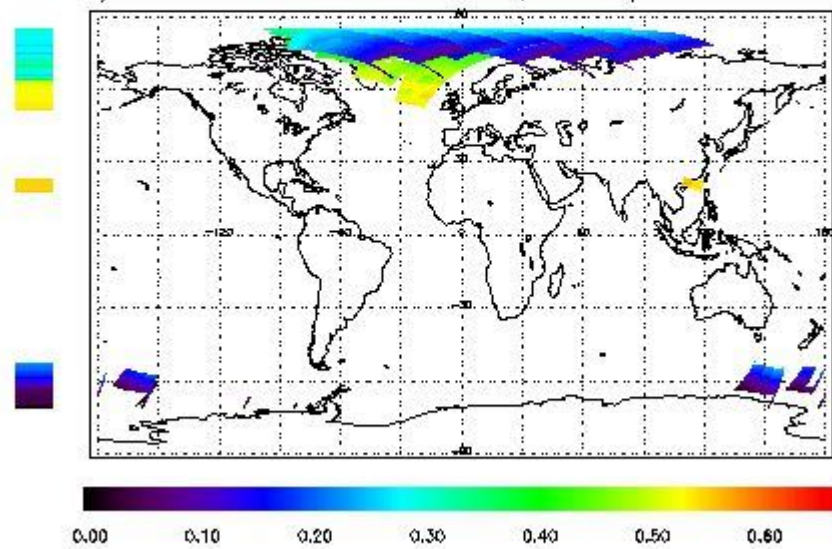
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

FRet Product : 09-AUG-2010 00:07:00.901 : ORBIT : 80001.6552
 Last Product : 09-AUG-2010 23:48:08.041 : ORBIT : 80015.7818
 Total Products Processed : 10174 Day : 221 Page : 20

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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