

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	31-MAY-2010
Start Time of First Product	00:44:14
Stop Time of Last Product	22:54:53
Number of EGOI Products analysed	23
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100531GSEP7455.E2	31-MAY-2010	00:52:00.208
EGOI_100531GSEP7485.E2	31-MAY-2010	02:28:36.798
EGOI_100531GSEP7514.E2	31-MAY-2010	04:09:07.408
EGOI_100531GSEP7520.E2	31-MAY-2010	05:51:17.033
EGOI_100531KSEP0018.E2	31-MAY-2010	07:49:41.752
EGOI_100531KSEP0040.E2	31-MAY-2010	09:29:18.359
EGOI_100531KSEP0071.E2	31-MAY-2010	11:08:56.472
EGOI_100531KSEP0100.E2	31-MAY-2010	12:48:10.573
EGOI_100531KSEP0127.E2	31-MAY-2010	14:27:03.679

EGOI_100531KSEP0144.E2	31-MAY-2010	16:04:47.773
EGOI_100531KSEP0171.E2	31-MAY-2010	17:42:43.866
EGOI_100531KSEP0203.E2	31-MAY-2010	19:20:39.968
EGOI_100531KSEP0234.E2	31-MAY-2010	21:00:43.578
EGOI_100531KSEP0243.E2	31-MAY-2010	22:43:12.703
EGOI_100531MAEP2782.E2	31-MAY-2010	09:37:01.905
EGOI_100531MIEP4204.E2	31-MAY-2010	02:25:20.277
EGOI_100531MIEP4230.E2	31-MAY-2010	04:04:07.375
EGOI_100531MSEP7247.E2	31-MAY-2010	00:44:13.658
EGOI_100531MSEP7265.E2	31-MAY-2010	11:22:02.550
EGOI_100531MSEP7290.E2	31-MAY-2010	13:02:24.163
EGOI_100531MSEP7316.E2	31-MAY-2010	22:31:08.132
EGOI_100531SGEP5940.E2	31-MAY-2010	14:04:05.034
EGOI_100531SGEP5947.E2	31-MAY-2010	15:40:44.624

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79004	31-MAY-2010	07:48:10.486	07:49:41.752	91.266000
KS	79005	31-MAY-2010	09:27:46.091	09:29:18.359	92.268000
KS	79006	31-MAY-2010	11:07:20.945	11:08:56.472	95.527000
KS	79007	31-MAY-2010	12:46:37.287	12:48:10.573	93.286000
KS	79008	31-MAY-2010	14:25:25.330	14:27:03.679	98.349000
KS	79009	31-MAY-2010	16:03:10.634	16:04:47.773	97.139000
KS	79010	31-MAY-2010	17:41:05.864	17:42:43.865	98.001000
KS	79011	31-MAY-2010	19:19:29.651	19:20:39.968	70.317000
KS	79012	31-MAY-2010	20:59:38.902	21:00:43.577	64.675000
KS	79013	31-MAY-2010	22:42:02.862	22:43:12.702	69.840000
GS	79002	31-MAY-2010	04:07:54.216	04:09:07.407	73.191000
MS	79006	31-MAY-2010	11:20:20.141	11:22:02.550	102.40900
MS	79007	31-MAY-2010	13:00:48.427	13:02:24.162	95.735000
MS	79013	31-MAY-2010	22:29:59.131	22:31:08.132	69.001000
MA	79005	31-MAY-2010	09:35:51.190	09:37:01.904	70.714000
MI	79001	31-MAY-2010	02:23:53.902	02:25:20.277	86.375000
MI	79002	31-MAY-2010	04:01:58.830	04:04:07.374	128.54400
SG	79008	31-MAY-2010	15:39:01.306	15:40:44.624	103.31800

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78999	30-MAY-2010	23:55:08.669	00:09:38.961	870.29200
MM	78999	31-MAY-2010	00:06:03.119	00:17:27.086	683.96700
HO	79000	31-MAY-2010	01:36:27.764	01:47:54.311	686.54700
MM	79000	31-MAY-2010	01:48:10.467	01:57:41.788	571.32100
BE	79001	31-MAY-2010	02:53:12.077	03:06:35.700	803.62300
MM	79001	31-MAY-2010	03:31:08.407	03:38:18.376	429.96900
SG	79001	31-MAY-2010	03:04:24.981	03:17:57.737	812.75600
CM	79001	31-MAY-2010	04:00:37.638	04:13:02.218	744.58000
BE	79002	31-MAY-2010	04:33:34.076	04:43:43.943	609.86700
MM	79002	31-MAY-2010	05:14:00.532	05:19:47.138	346.60600
SG	79002	31-MAY-2010	04:45:33.365	04:54:56.516	563.15100
MM	79003	31-MAY-2010	06:55:37.189	07:02:33.886	416.69700
KS	79003	31-MAY-2010	06:09:15.843	06:15:17.799	361.95600
JO	79003	31-MAY-2010	06:37:08.203	06:46:24.583	556.38000
MM	79004	31-MAY-2010	08:36:16.969	08:45:34.522	557.55300
MA	79004	31-MAY-2010	07:59:07.282	08:07:05.947	478.66500
JO	79004	31-MAY-2010	08:12:49.802	08:27:51.290	901.48800
MM	79005	31-MAY-2010	10:16:33.111	10:27:47.978	674.86700
JO	79005	31-MAY-2010	09:55:33.882	10:04:34.025	540.14300
MM	79006	31-MAY-2010	11:56:35.130	12:08:56.915	741.78500
MA	79006	31-MAY-2010	11:16:39.221	11:25:26.187	526.96600
MM	79007	31-MAY-2010	13:36:23.341	13:49:06.820	763.47900
SG	79007	31-MAY-2010	14:03:05.242	14:10:40.584	455.34200
BE	79008	31-MAY-2010	14:09:49.230	14:23:14.127	804.89700
MM	79008	31-MAY-2010	15:15:55.901	15:28:34.965	759.06400
MI	79008	31-MAY-2010	14:44:10.848	14:53:41.615	570.76700
GS	79008	31-MAY-2010	14:37:13.497	14:48:09.176	655.67900
BE	79009	31-MAY-2010	15:52:36.330	16:00:37.298	480.96800
MM	79009	31-MAY-2010	16:55:12.556	17:07:44.356	751.80000
MI	79009	31-MAY-2010	16:21:53.210	16:34:59.109	785.89900
GS	79009	31-MAY-2010	16:15:57.959	16:29:47.523	829.56400
CM	79009	31-MAY-2010	16:24:35.740	16:37:00.948	745.20800
MM	79010	31-MAY-2010	18:34:20.603	18:46:55.951	755.34800
GS	79010	31-MAY-2010	17:56:30.024	18:06:04.745	574.72100
CM	79010	31-MAY-2010	18:08:27.019	18:10:30.029	123.01000

MM	79011	31-MAY-2010	20:13:37.832	20:26:21.374	763.54200
MA	79011	31-MAY-2010	19:16:24.881	19:24:43.808	498.92700
JO	79011	31-MAY-2010	20:32:55.330	20:47:52.655	897.32500
HO	79012	31-MAY-2010	21:48:52.716	21:57:36.763	524.04700
MM	79012	31-MAY-2010	21:53:27.820	22:06:03.243	755.42300
MA	79012	31-MAY-2010	20:51:24.562	21:05:07.303	822.74100
HO	79013	31-MAY-2010	23:24:07.231	23:38:20.655	853.42400
MM	79013	31-MAY-2010	23:34:10.811	23:45:59.731	708.92000
MA	79013	31-MAY-2010	22:35:59.231	22:42:28.655	389.42400

[[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

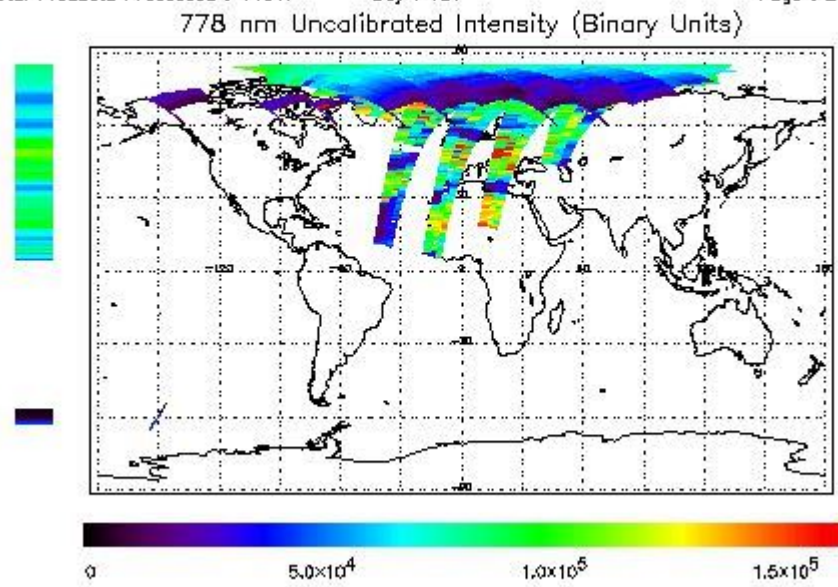
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

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](#)

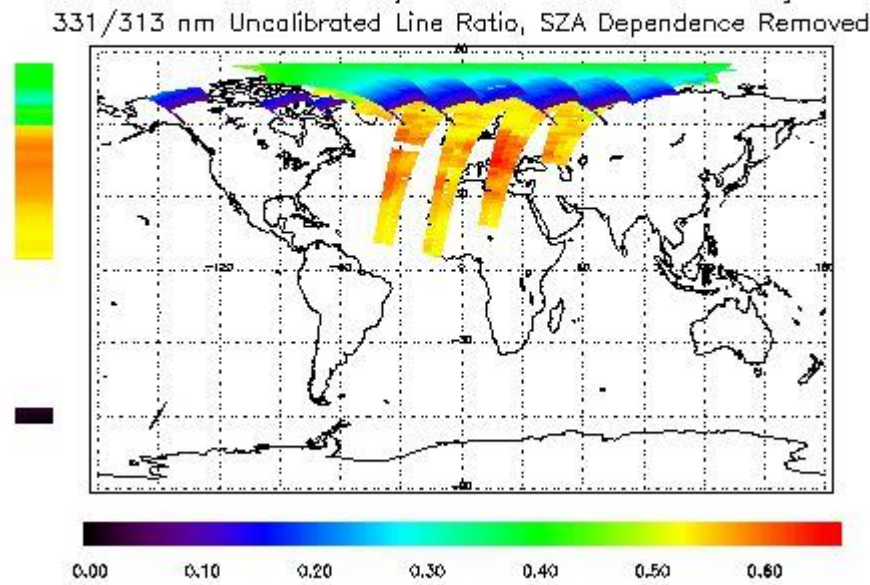
NEAR IR Intensity

First Product : 31-MAY-2010 00:44:13.658 : ORBIT : 79000.0251
 Last Product : 31-MAY-2010 22:54:53.277 : ORBIT : 79013.2525
 Total Products Processed : 11617 Day : 151 Page : 21



Ozone Line Ratio

First Product : 31-MAY-2010 00:44:13.658 : ORBIT : 79000.0251
 Last Product : 31-MAY-2010 22:54:53.277 : ORBIT : 79013.2525
 Total Products Processed : 11617 Day : 151 Page : 20



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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