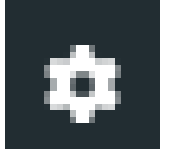


Manipulation of Grids and Exporting Media in PUMA-2025



Manipulating Geographical Features

- Through the **Image Grid** option, it is possible to add some predefined grid information to the received images.
- To do this, on the right and control panel under “**grid**” click
- The following screen will appear:





Edit mode

Tools

grid

Opacity

View Grid

View Extra Grid

Airports

Cities

vector

Opacity

Select

jeu. 14 08:20:00

+ Add vector layer

image

Opacity

Select

jeu. 14 08:20:00

satellite

Opacity

jeu. 14 08:20:00

grid

Groups Settings

+ Add Group

☒ Enable Boundaries (BDY)

☒ Demarcated

☒ Indefinite or in Dispute

☐ Other

Choose Colors

Degrees

☒ Grid Lines

20

☒ Grid Numbers

20

Save Local Config

Delete

☐ Enable Rivers (RIV)

☐ Permanent major rivers

☐ Permanent minor rivers

☐ Additional rivers

☐ Minor rivers

☐ Double lined rivers

☐ Intermittent rivers - major

☐ Intermittent rivers - addit.

☐ Intermittent rivers - minor

☐ Majors canals

☐ Canals of lesser importance

☐ Canals - irrigation type

☒ Enable Coasts, Islands and Lakes (CIL)

☒ For all maps

☐ Major islands and lakes

☐ Intermediate islands and lakes

☐ Minor islands and lakes

☐ Intermittent major lakes

☐ Intermittent minor lakes

☐ Reefs

☐ Salt pans - major

☐ Ice Shelves - major

☐ Ice Shelves - minor

☐ Glacier

☒ Enable Custom (ANY)

☐ Country Name (EN)

☒ Country Name (FR)

☐ Name of Disputed Country (EN)

☐ Name of Disputed Country (FR)

☐ Biggest City

☐ Next 4 Larger Cities

☐ Other Larger Cities

☐ 8

☐ 9

☐ 10

☐ 11

Extra Grid Path:

+C:\data_lavori\lightning

Extra Grid Input Text

Sea:

Land:

Current Area:

africa.out

Change Area:

Select area type

Select the colour of your gridlines



Choose Grid colours
for many different
features on the image

You can click on any of
the colour boxes to be
given colour options to
choose from

Choose Grid Colors

BW, CO, BS, SM Presentation

True Color Presentation

Boundaries (BDY)		
Rivers (riv)		
Coasts, Islands and Lakes (CIL)		
Custom (ANY)		
Grid Lines and Numbers		
Extra Grids		

Close



Geographical coordinates: Intervals at which latitude and longitude are displayed

Edit mode

Tools

grid

Opacity

View Grid

View Extra Grid

Airports

Cities

vector

Opacity

Select

jeu. 14 08:20:00

+ Add vector layer

image

Opacity

Select

jeu. 14 08:20:00

satellite

Opacity

jeu. 14 08:20:00

grid

Groups Settings

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Degrees

☒ Grid Lines

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☐ Name of Disputed Country (FR)

☐ Biggest City

☐ Next 4 Larger Cities

☐ Other Larger Cities

☐ 8

☐ 9

☐ 10

☐ 11

Extra Grid Path:

+ C:\data_lavori\lightning

Extra Grid Input Text

Sea:

Land:

Current Area:

africa.out

Change Area:

Select area type



You can display rivers

Edit mode

Tools

grid

Opacity

View Grid

View Extra Grid

Airports

Cities

vector

Opacity

Select

jeu. 14 08:20:00

+ Add vector layer

image

Opacity

Select

jeu. 14 08:20:00

satellite

Opacity

jeu. 14 08:20:00

grid

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☐ Name of Disputed Country (FR)

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☐ Next 4 Larger Cities

☐ Other Larger Cities

☐ 8

☐ 9

☐ 10

☐ 11

Extra Grid Path:

+C:\data_lavori\lightning

Extra Grid Input Text

Sea:

Land:

Current Area:

africa.out

Change Area:

Select area type

AESA

CONSORTIUM

European Commission

JOINT RESEARCH CENTRE



Boundaries,
coastlines, islands and
lakes

grid

▼ Groups Settings

+ Add Group

☒ Enable Boundaries (BDY)

☒ Demarcated

☒ Indefinite or in Dispute

☐ Other

Choose Colors

Degrees

☒ Grid Lines

20

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☐ Name of Disputed Country (FR)

☐ Biggest City

☐ Next 4 Larger Cities

☐ Other Larger Cities

☐ 8

☐ 9

☐ 10

☐ 11

Extra Grid Path:

+ C:\data\lavori\lightning

Extra Grid Input Text

Sea:

Land:

Current Area:

africa.out

Change Area:

Select area type

▼ grid

▼ vector

▼ image

▼ satellite

Edit mode

Tools

Opacity

View Grid

View Extra Grid

Airports

Cities

jeu. 14 08:20:00

+ Add vector layer

jeu. 14 08:20:00

jeu. 14 08:20:00



Edit mode

Tools

grid

Opacity

View Grid

View Extra Grid

Airports

Cities

vector

Opacity

Select

jeu. 14 08:20:00

+ Add vector layer

image

Opacity

Select

jeu. 14 08:20:00

satellite

Opacity

jeu. 14 08:20:00

Gray level

grid

Groups Settings

+ Add Group

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☐ Other

Choose Colors

Degrees

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☐ Name of Disputed Country (FR)

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☐ Next 4 Larger Cities

☐ Other Larger Cities

☐ 8

☐ 9

☐ 10

☐ 11

Extra Grid Path:

+C:\data_lavori\lightning

Extra Grid Input Text

Sea:

Land:

Current Area:

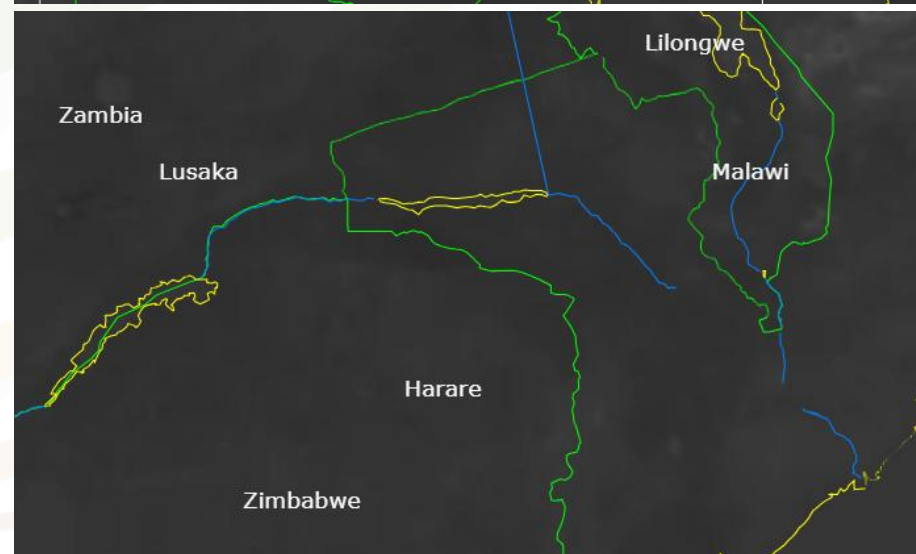
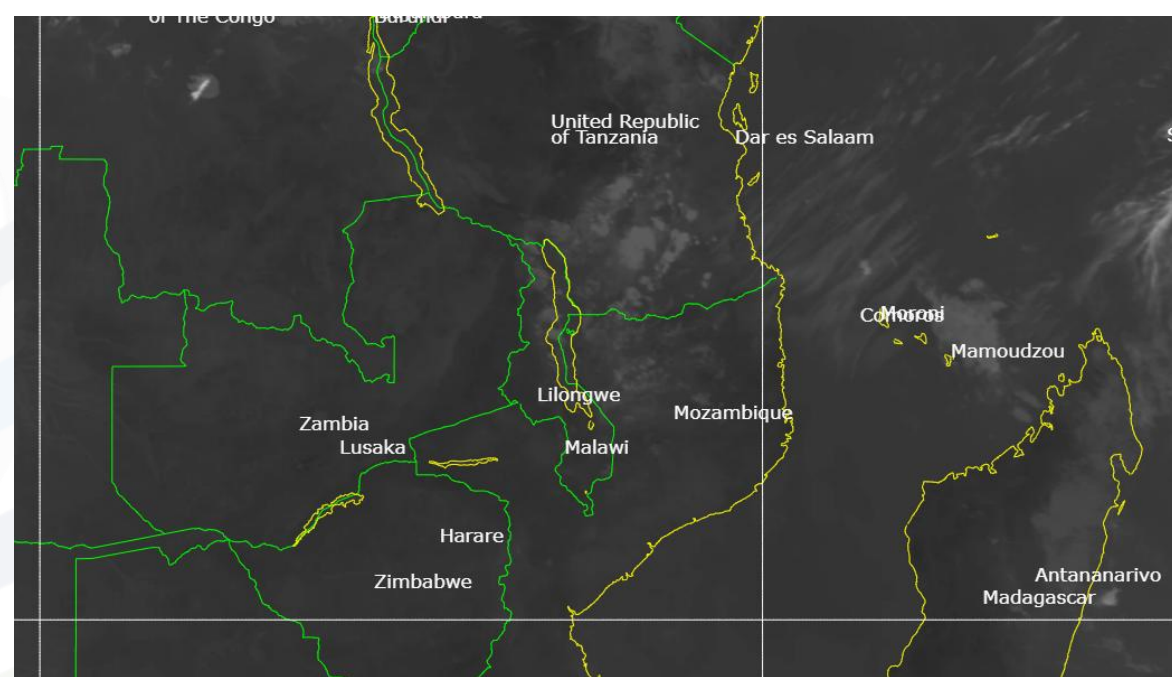
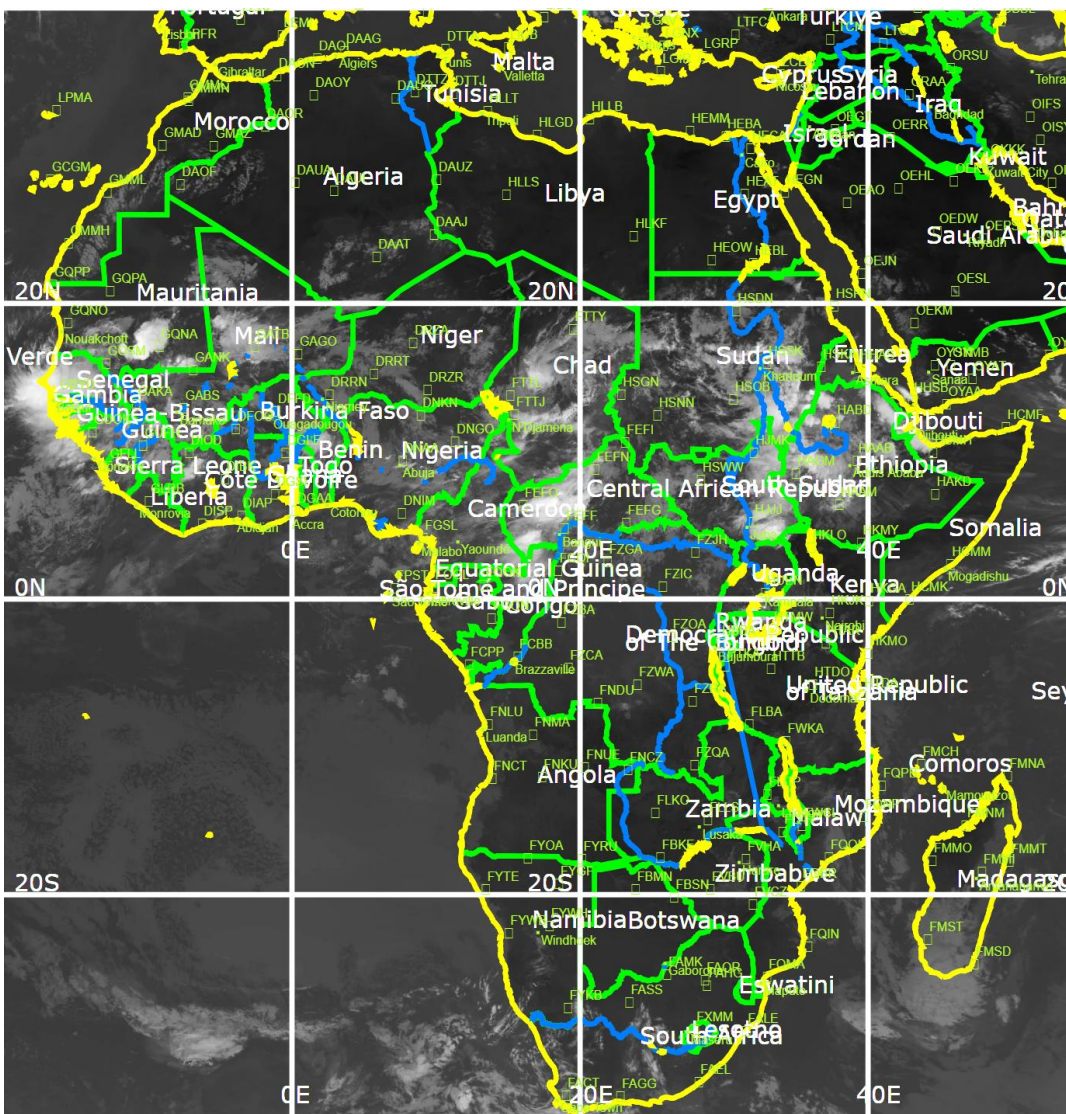
africa.out

Change Area:

Select area type

You can display countries, cities and airports

NOTE: You must click “Save local Config” for your changes to reflect on the image





Exporting Media

Locate Export Options

- In the bottom bar or main menu, locate the “Export” or “Download” icon



Select Export Format

- For an **image export** :
 - Choose “Image”
 - Select the image quality and format (PNG, JPEG, etc.)
 - Set the desired resolution, if necessary, to optimize quality
- For video export :
 - Choose “Animation”
 - Select the video format (MP4, AVI, etc.)
 - Specify the quality settings (High, etc.) based on the desired end use

Data Browser

Skyceiver

► PUMA2025 (PUMA2025-1)

► PUMA2025 (PUMA2025-2)

Overview

Status

Documentation

Admin

PUMA2025 Config

System Admin

User Admin

Other

Support

Info

PUMA2025

Welcome [kizito] 08:26

Machines Status

climsa-ken-imtr-031-01

My account

Logout

MSG

MTG

ECMWF

MF

UKMET

AVIATION

My Products

Queues

English

Skyceiver v3.77.18

Queues

1

MF_MEAN_SEA_LEVEL_PRESSURE 14/Aug/2025 09:00 0hpa

Edit mode

Tools

grid

nwp/mf/mf_mean_sea...

image

satellite

Opacity

Select

Thu 14 09:00:00

image

white

Opacity

White

◀◀

◀

▶

▶▶

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⏪

⏩

⏭

⏴

⏵

⏶

⏷

Images 4 / 25

⏴

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⏹

⏺

⏻

⏼

⏽

⏾

⏿

⏺

⏻

⏼

⏽

⏾

⏿

speed: 200

pause: 2000

0.56:1

W:1431 H:1272

equirect

7 Km/px - 12.44

Thu, 08/14/2025, 00:00 + 6 hours

Thu, 08/14/2025, 00:00 + 9 hours

Thu, 08/14/2025, 00:00 + 12 hours

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Exporting Animations

Configure Animation Settings

- For export to video and specify the duration of the animation

Start Export

- Click “Export” to start the process.
- Wait until the export is complete, then choose the save location on your device.

Verification and Use

- Once the export is complete, check the file to ensure the quality and dimensions are as you expected.



Step 1: Select “image” or “animation”

Step 2: Select the file type to download

Step 3: Click “download”

Export **Animation** Image

Start: Wed, 08/20/2025, 18:10
End: Thu, 08/21/2025, 13:20

Media: **video** images

Video format: WEBM

Video quality: WEBM
MP4

Add Timestamp: ☐

Download

Export **Animation** **Image**

Thu, 08/21/2025, 06:50

Image format: JPEG

PNG

JPEG

Download