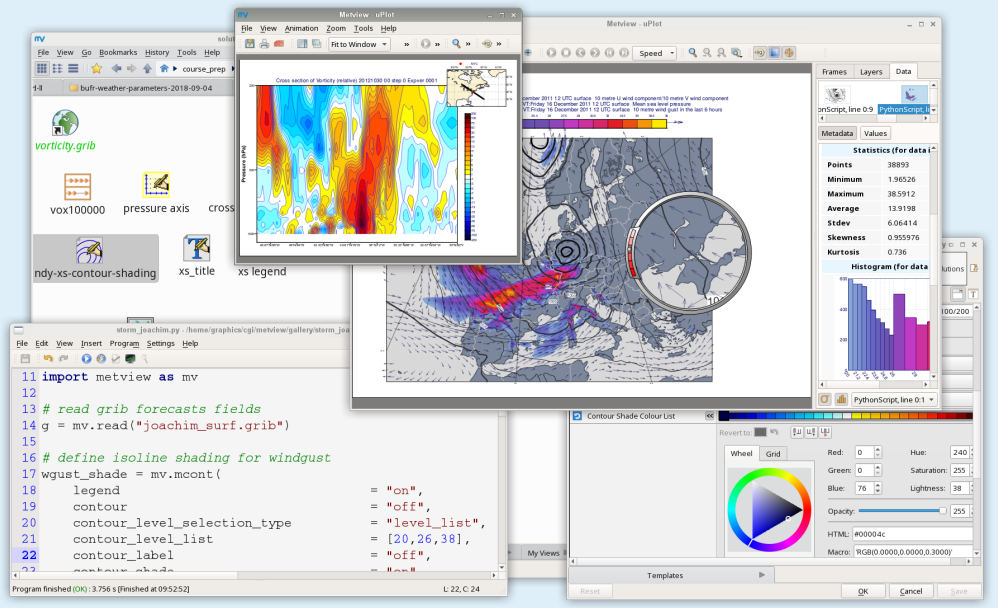
Metview

What is Metview



Metview is a meteorological workstation application designed to be a complete working environment for both the operational and research meteorologist. Its capabilities include powerful data access, processing and visualisation.

It features a powerful icon-based user interface for interactive work, a bespoke scripting language (Macro) and a Python interface for batch processing. These are linked through the ability to automatically convert icons into their equivalent script (Macro/Python) code.

Metview can take input data from a variety of sources, including:

- GRIB files (editions 1 and 2)
- BUFR files
- MARS (ECMWF's meteorological archive)
- ODB (Observation Database)
- Local databases
- ASCII data files (CSV, grids and scattered data)
- Geopoints (Metview's own format for handling scattered data)
- NetCDF

Powerful data filtering and processing facilities are then available, and if graphics output is desired, then Metview can produce many plot types, including:

- map views in various projections
- cross sections
- vertical profiles
- x/y graph plots
- intelligent overlay of data from various sources on the same map
- arrangement of multiple plots on the same page

Metview can also interface with external models and applications, such as VAPOR, Met3D, FLEXTRA and FLEXPART.

Metview was developed as part of a cooperation between ECMWF and INPE (Brazilian National Institute for Space Research).

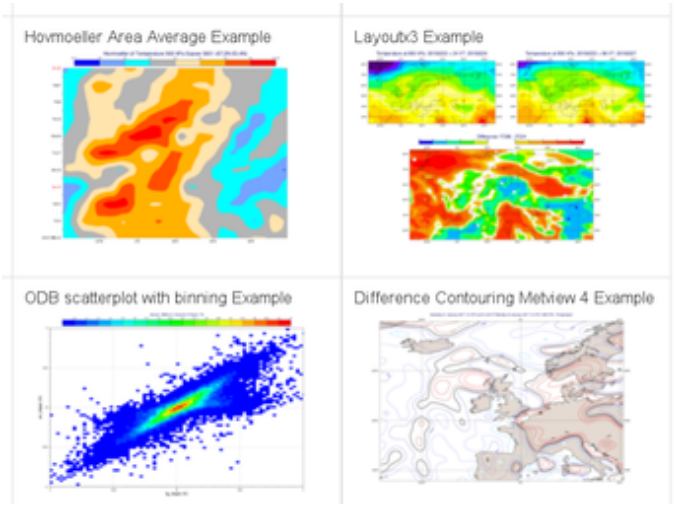
Report a bug or issue

Please send an email to software.support@ecmwf.int or go to **Issues** if you have any suggestions for improvements or have discovered a bug with this software package

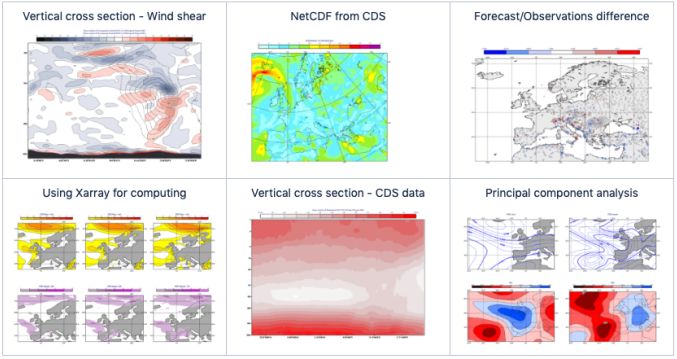
Quick links

- Releases
- Change History
- Metview at ECMWF
- User Guide
- Articles
- Gallery
- Training material
- CodesUI

Gallery



Jupyter Notebooks



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Recently Updated

Fieldset Functions
Oct 11, 2019 • updated by Sandor Kertesz • view change

codes_ui-1.2.7-Source.tar.gz
Oct 10, 2019 • attached by Iain Russell

Gallery

Oct 10, 2019 • updated by Sandor Kertesz • view change

storm_quadrants-thumb.png
Oct 10, 2019 • attached by Sandor Kertesz

storm_quadrants.png
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storm_quadrants.tar.gz
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Storm Wind Quadrants Example
Oct 10, 2019 • updated by Sandor Kertesz • view change

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Storm Track Example
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Version 5.7 Updates
Oct 09, 2019 • updated by Iain Russell • view change