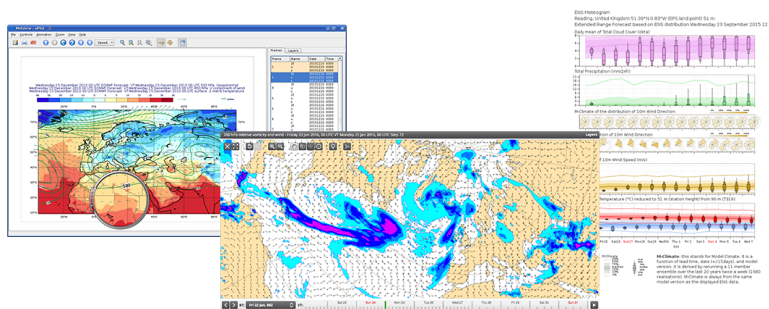


What is Magics



Magics is ECMWF's meteorological plotting software and can be either accessed directly through its Python or Fortran interfaces or by using [Metview](#).

Magics supports the plotting of contours, wind fields, observations, satellite images, symbols, text, axis and graphs (including boxplots). Data fields to be plotted may be presented in various formats, for instance GRIB 1 and 2 code data, gaussian grid, regularly spaced grid and fitted data. GRIB data is handled via ECMWF's [ecCodes](#) software. Input data can also be in BUFR and NetCDF format or retrieved from an ODB database. The produced meteorological plots can be saved in various formats, such as PostScript, EPS, PDF, GIF, PNG and SVG.

Magics uses the *Terralib* library in cooperation with Brazil's INPE.