

OPMET Data Retrieval

Report types TAF, METAR and SIGMET are retrieved, decoded and displayed in tabular and graphical formats. Decoded data can be compared against a specified condition to extract only the reports meeting that specified condition (e.g. visibility less than five miles). In addition, decoders for UA and FT type reports can be provided. Pattern matching can also be defined and applied to the database to generate warnings.

GRIB Data Display

Fields decoded from GRIB data may be displayed on a map background as raw data, contours, wind barbs or arrows in various colours and line styles.

Vertical cross-section display and plotting from GRIB data are also generated.

BUFR Data Display

The BUFR data are received and decoded to reproduce the T4 equivalent files of significant weather charts. These products are meant to replace the T4 charts and to allow the user to focus their charts on the exact area of interest. All required projections, zooms and weather symbols are supported.

Decoded Data on Map Background

Decoded data may be displayed on a map background as values or as station models using international symbols. Analysis of Randomly Spaced Data is also available.

PNG Charts Viewer

The PNG charts viewer allows the user to display the T4 charts and perform the basic functions such as zoom, rotate, crop, annotate and print.

UPPERAIR Data Plotting

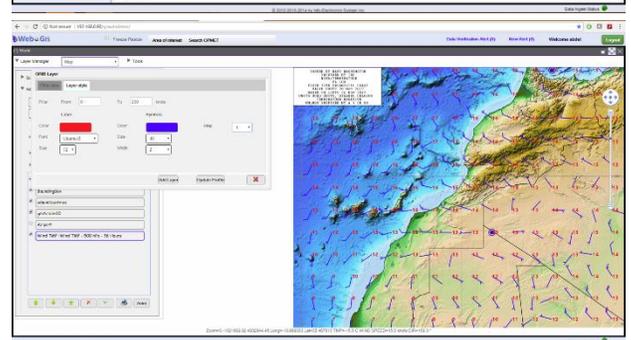
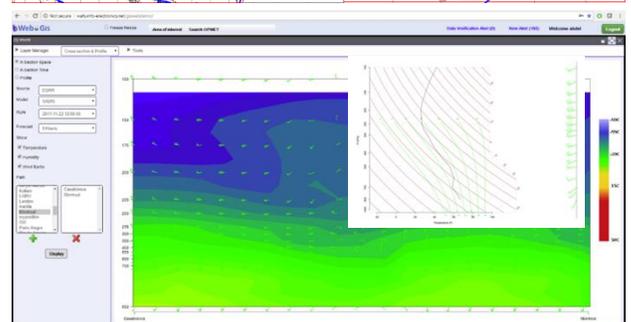
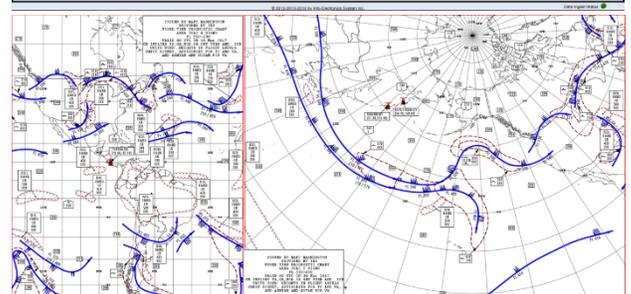
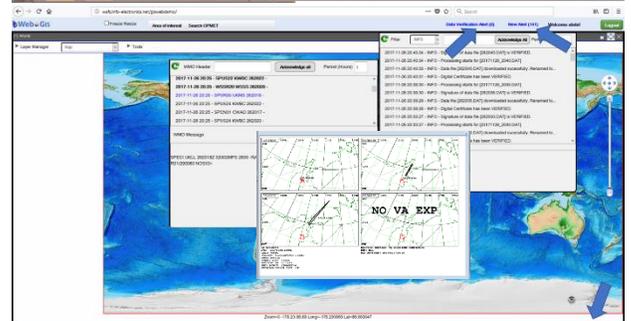
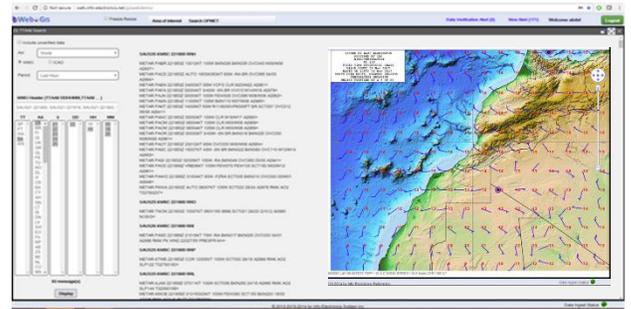
SkewT and Hodograph applications are available for UPPERAIR data display and printing.

Alert Message Notification and Display

The user may define the products for which they wish to be notified on reception.

And much more

WAFS-WebGIS also integrates a number of GIS layers and could also integrate other types of data from other sources, such as satellite and radar imagery, lightning data, etc. In addition, WAFS-WebGIS can animate products and automatically and manually generate products based on a user's predefined schedule.



For more information on WAFS-WebGIS, please contact us:

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