

GRIB Data Display

Fields decoded from GRIB data may be displayed on a map background as raw data, contours, filed 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 the 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 map background as values or as station models using international symbols.

Analysis of Randomly Spaced Data is also available.

T4 Charts Viewer

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

Pilot Friendly Interface

A Pilot Friendly Interface is provided to let a user define a flight using a subset of flight parameters.

The system automatically generates the weather products required for the flight.

UPPERAIR Data Plotting

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

Alert Message Notification and Display

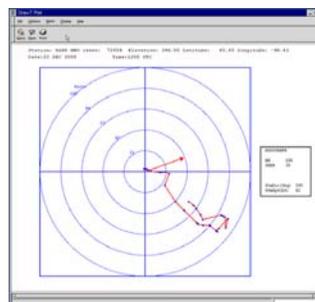
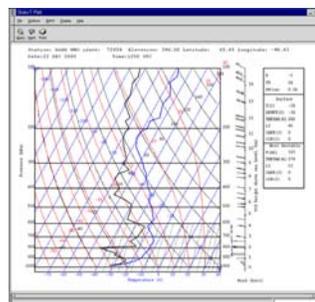
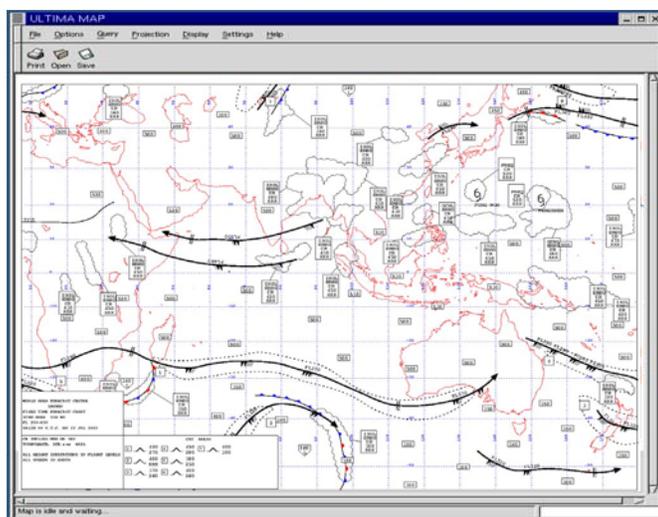
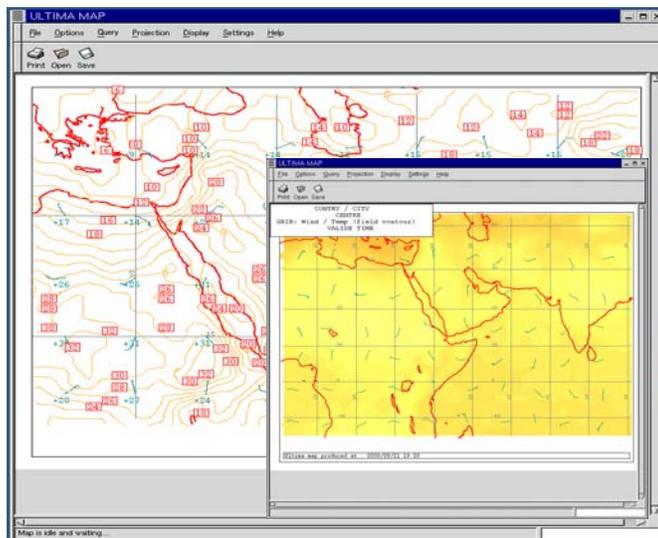
The user may define the products for which he wishes to be notified on reception.

Product Archival

Automatic and manual product archival on removable medium are supported.

External Interfaces

Data received or processed by ULTIMA may be transmitted to other systems via a TCP/IP based network, FTP through Ethernet or SLIP link. In addition, ULTIMA can accept data from other networks such as GTS, AFTN, MDD and many other systems.



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