REAL TIME DATA DISPLAY SOFTWARE V.2.0 MODEL METDAS

BULLETIN METDAS 2.0

General Description

METDAS *Display Software* is a core software component of the Weather Web 8700 system. It displays and stores data streamed to it via a METHUB Met Data Receiver, arriving from geographically distributed wireless TMS-7200 weather sensors.

METDAS provides time wind data link to Hazard and Prediction Capability (HPAC) Transport and Dispersion plume models, and distributes data that HAZMAT teams need for monitoring environmental conditions in a metropolitan area.

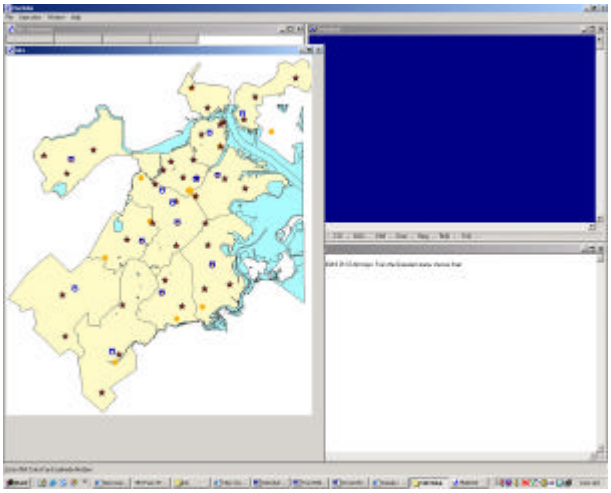
Four real-time data views include:

1. Area map with real-time wind barbs
2. Terminal view of raw receiver data
3. Model link data log and error messages
4. Real-time wind speed/direction data table

As data are displayed and archived locally to disk, they are also formatted and sent to HPAC via a live TCP/IP connection. Either TCP/IP or telephone dial-up can be used to access the data receiver. A TCP/IP connection is required for the model link.

Features

- Can be run in the background to allow the user to let their PC perform other tasks
- Local area map with real-time wind data
- Supports Windows 9x/NT/2000/XP
- Easy to read wind barbs show both wind speed and direction as it changes
- MS-Excel and HPAC data interfaces
- Supports RAD-7001 radiation data display



METDAS real-time view of average wind conditions in a metropolitan area. Data can be ingested into HPAC automatically via TCP/IP.

Applications

METDAS displays data from each TMS-7200 station via wind barbs on a local map and via a data table, updated once a minute. It is ideal for:

- Emergency response/HAZMAT
- Homeland Security NBC attacks
- Military tactical weather
- Government meteorological agencies
- Wildland fire weather support
- Regulatory compliance at industrial sites

METDAS Software is supplied on CD-ROM and includes one user license. For the model link a US Defense Threat Reduction Agency weather user account login is required (government use only).

YANKEE ENVIRONMENTAL SYSTEMS, INC.

YANKEE ENVIRONMENTAL SYSTEMS, INC.
Airport Industrial Park
101 Industrial Blvd., Turners Falls, MA 01376 USA
Tel: (413) 863-0200 Fax: (413) 863-0255
E-mail: info@yesinc.com http://www.yesinc.com