

MetWise® Net



Harnessing the power of the Internet by finding, filtering and customizing weather data

The Internet is an important resource for weather information. But while a standard web browser can provide access to a wealth of satellite imagery, forecast models, radar and observations, the data is scattered across the Internet. Sifting through and assimilating the data to find information that meets specific needs can be a daunting and time-consuming task.

MetWise® Net allows users to not only access available weather information and data via an Internet connection but also store, manipulate and customize it in a single location: a personal computer. MetWise Net allows users to create custom weather graphics on the fly—in a way that fits their needs.

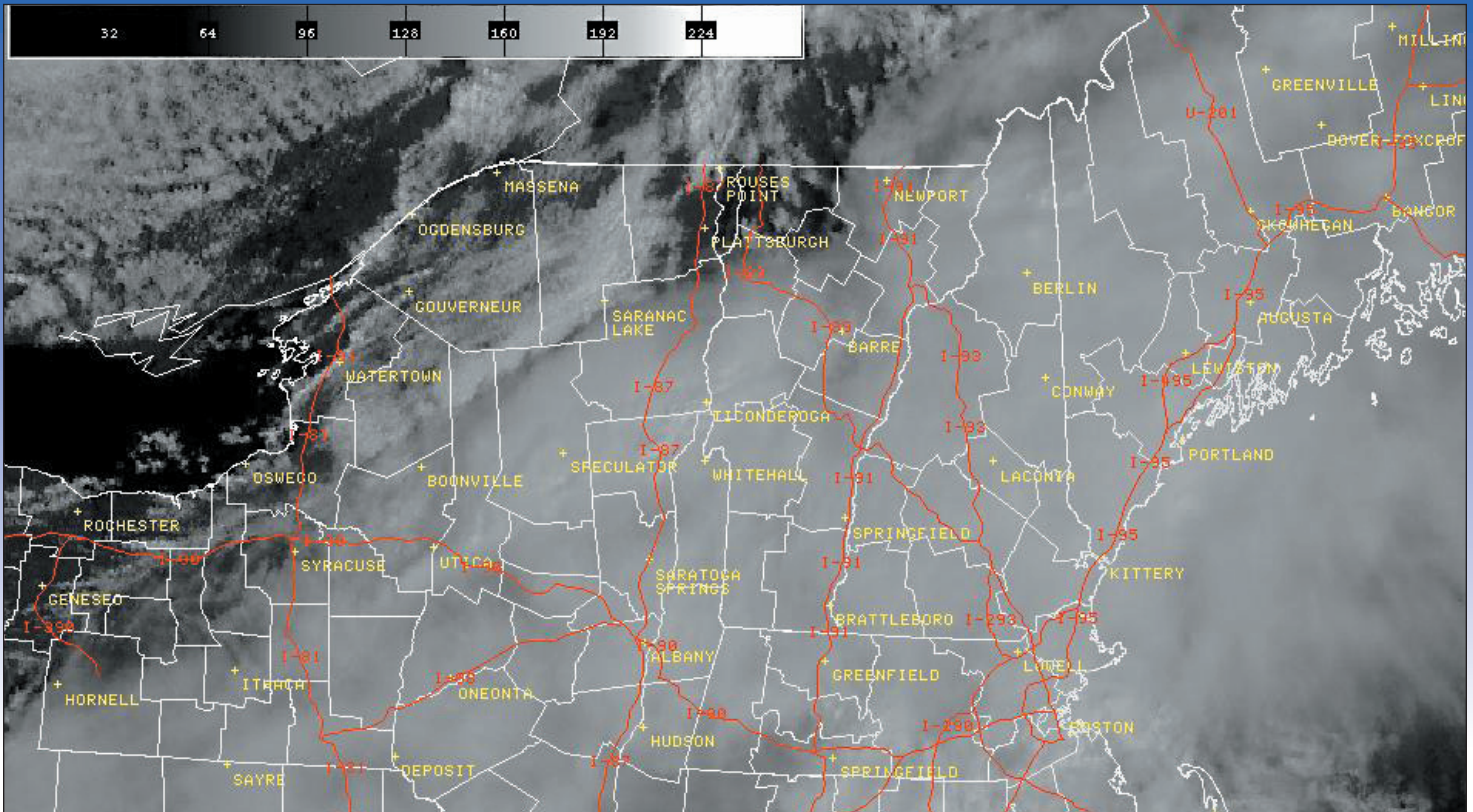
Simple, Easy-to-Use User Interface

MetWise Net's user interface is powerful, yet easy to use. The MetWise Net client can load and overlay the meteorological products that specifically meet user needs and interact with the information obtained from the web. With MetWise Net, users can display and rapidly switch among five product windows.

The interface uses standard pull-down menus, a primary graphics window, and four product storage windows. Once a product is loaded, it can be moved to a storage window with a single mouse click for quick retrieval later. With minimal effort, users can adjust the system to display customized scales, add supplementary observational data and display special customer-oriented forecast models in combination with the existing suites of National Weather Service products.

Harnessing the Power of the internet

MetWise® Net allows users to not only access available weather information and data via an Internet connection but also store, manipulate and customize it in a single standalone location: a personal computer.



A Powerful, Flexible System

The flexibility of MetWise Net makes it a very popular weather display system for professional meteorologists, researchers, teachers, storm chasers and any weather enthusiast. MetWise Net is a request-based, client-server system that operates as an extension of ENSCO's MetWise multi-workstation weather display and analysis system. The ENSCO MetWise server is primarily responsible for time-matching products and for creating and delivering product files. The MetWise Net client runs as a Java application on a Windows PC, Mac or Linux. After retrieving user-requested products from the MetWise server via an Internet connection, it allows users to locally interact with the information. Connections to the server are only maintained during the request and retrieval of products.

Key Products Included in MetWise Net

- High resolution satellite imagery
- All 141 NEXRAD radar sites in the continental U.S. plus Puerto Rico
- Domestic and international weather prediction models
- Hurricane tracks
- Severe weather watches
- ENSCO mesoscale weather prediction model graphics
- Pilot reports of winds, turbulence and icing

Requirements

- PC: 500 MHz, 512 MB RAM, Windows XP, Windows Vista, Windows 7
- Mac: Intel, G4 or G5 processor, 512 MB RAM, Mac OS X
- Linux: 500 MHz, 512 MB RAM

MetWise Net Features

- Animating of products
- Adding and toggling overlays allows customization
- Zooming automatically displays additional data
- Swapping display windows offers quick access to saved products for viewing in the primary window
- Saving images as GIF and JPEG for display in other programs
- Printing
- Works with PC, Mac and Linux OS



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