

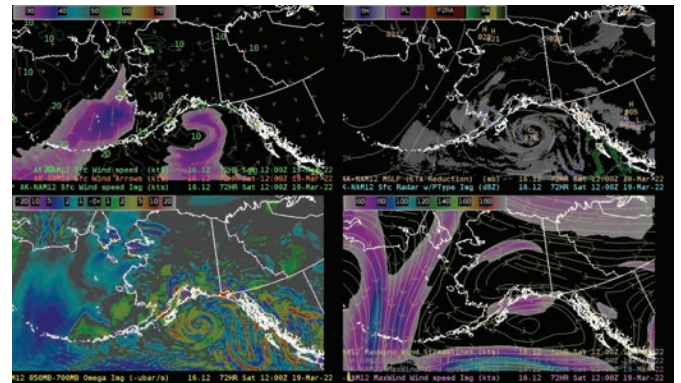
MetWise® Net

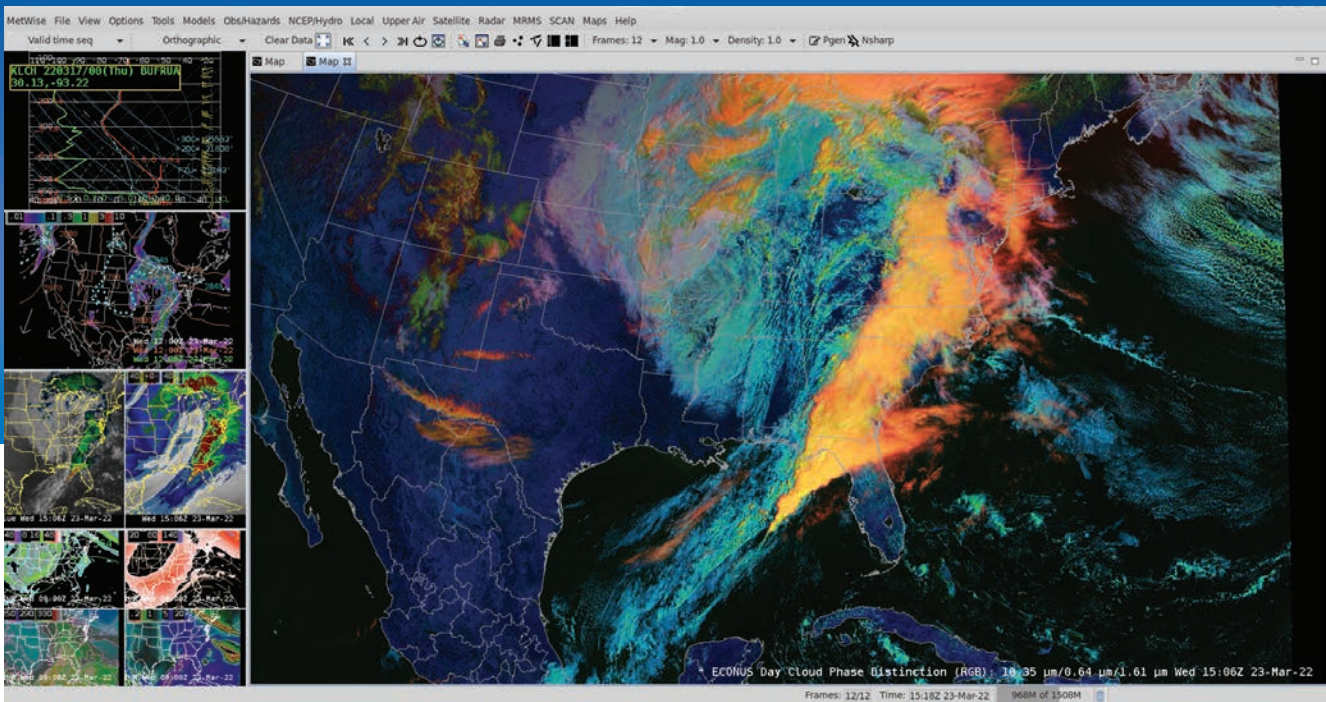
MetWise® Net is a professional, state-of-the-art meteorological visualization service. It's packed with an aggregate of meteorological and hydrological data sets used to analyze and predict weather from a global scale down to local communities. The MetWise Net web browser graphical interface was meticulously designed to simultaneously layer different types of weather information while also giving the user near complete control of choosing the geographical region of interest and temporal period that best fits the operational needs.

Access Your Tools On-Demand

To keep reliable information available on demand, ENSCO utilizes top-tier cloud computing platforms to service customers. A comprehensive repository of near real-time information that is processed with our ingest engine includes, but is not limited to, ground based Meteorological Aerodrome Report (METAR) and Synoptic observations, terrestrial lightning strike detection, world-wide geostationary and polar orbiting remote sensing, Doppler Weather Surveillance Radar for the United States and internationally, Numerical Weather Prediction (NWP) model simulations, and U.S. weather warnings.

Through a standard internet connection, MetWise Net users can quickly connect to a dedicated weather display and retrieve any number of fields that may be pertinent to their operational needs. Each service subscriber is equipped with the ability to procedurally save meteorological displays via macros and provided with the options to manipulate color maps, temporal periods, and planes of view (2-D horizontal or vertical).





Why MetWise Net?

With freely available weather products scattered across the web, what makes MetWise Net unique? For starters, ENSCO's service bridges the gap. Operational personnel can access, customize, and manipulate meteorological information for projects without the need to query potentially unreliable web sites or sort through data noise. If a service patron wishes to track the past, current, or future impacts of a winter storm across the U.S., sea breeze in Florida, typhoon in the western Pacific, or a seasonal cold front in Germany, our visualization tool offers a single outlet to track it all. The MetWise Net service is guaranteed to include a 99% or greater uptime required to conduct daily tasks in commercial or government utilities, logistical carriers, emergency management monitoring, and many other industries.

Key Products with our MetWise Net Service

- World-wide high-resolution remote sensing images.
- Next Generation Weather Radar (NEXRAD Weather Surveillance Radar) for the U.S., U.S. territories, as well as other countries around the world.
- Global high-resolution numerical meteorological guidance available from National Centers for Environmental Prediction (NCEP), European Centre for Medium-Range Weather Forecasts (ECMWF), and other foreign suppliers.*
- METAR and Synoptic surface observations.
- Upper air observations and profiles.
- Integration of terrestrial and geostationary lightning detection services.*
- ENSCO-tailored tropical tracking products that include cyclone forecast track, cone of uncertainty, and wind radii across many multiple storm basins.

- Display of near real-time U.S. severe weather watches and warnings.
- Ability to track and display aircraft locations world-wide.*
- Interactive capabilities: font magnification, map zooming, data density options, animation frames, and altering color maps specific to user requirements.
- Integration of Graphical Information System (GIS) overlays.
- Selective display capabilities: contouring, color fill gradients, wind barbs, and wind arrows.
- Ability to create macro using various overlays. With this function, the user can quickly load information needed to make critical decisions.
- Mouseover data sampling.
- A primary and four side data visualization windows to load and swap weather fields.
- Built-in auto reload: the latest information is always available. When ENSCO gets the information, you get the information.

* May require paid or proprietary data outside of the standard subscription.

