

# SFERIC MAPS



## THE ULTIMATE WEB-BASED COLLABORATIVE WEATHER MONITORING VISUALIZATION AND ALERTING MAPPING TOOL

With numerous preset and custom layers of real-time weather information and severe alerts, Sferic Maps is the ultimate weather monitoring visualization and alerting tool for those in charge of keeping people safe, protecting property and managing resources.

### OVERVIEW

Forecasts help you prepare for tomorrow, now-casting delivers real-time information to influence decisions today. Our web-based monitoring, visualization and alerting platform shows you current weather conditions in one intuitive and easy to use interface—on your computer or mobile device. Sferic Maps combines the best of Earth Networks patented weather and lightning observation metrics with powerful data representation, visualization and alerting capabilities.



*The weather visualization application allowed us to have the big picture of what is local and low in the atmosphere, in real-time, that we could not see any other way. The localized view of real-time weather provides us with the ability to see what is happening with the weather, depending on the hazard scenario.*



**Rick Zyvolski**, Emergency Management Coordinator at Collier County

### BENEFITS



#### REAL-TIME LAYERS

A growing set of layer data to choose from, including radar, temperature, storm cells and more. The possibilities are endless because you can also import 3rd party data as new layers.



#### CUSTOM NOTIFICATIONS

What weather threats have the biggest impact on your operations? With Sferic Maps, you can create notification rules for specific locations based on custom weather thresholds. Notifications are delivered visually, to desktop and mobile devices. You can also receive National Weather Service warnings and Earth Networks Dangerous Thunderstorm Alerts.



#### SHARING AND COLLABORATION

Display and share live weather maps and data to distribute critical information to colleagues in other locations or in the field. Seamlessly publish custom-defined images and layers to websites.



#### FAST AND EASY

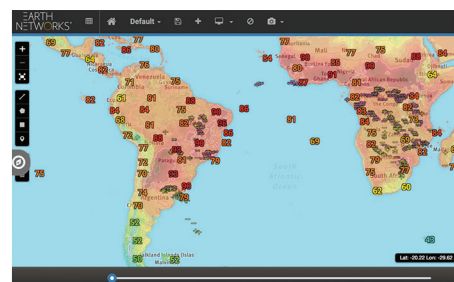
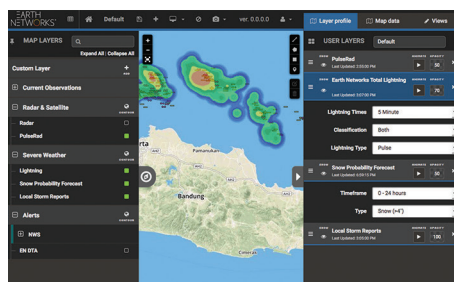
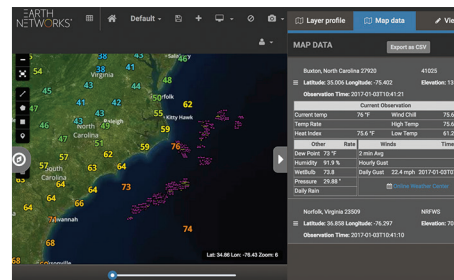
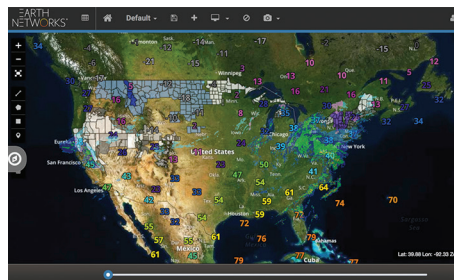
Get up and running quickly. Sferic Maps is easy to use and is compatible with your web browser and mobile devices. Import objects or 3rd party assets and easily export data for maximum flexibility.

ADVANTAGES

- Make intelligent weather-related decisions
- Collaborate with stake-holders during severe weather events
- Prioritize safety and security

INCREASE RESPONSE TIMES WITH THE INDUSTRY’S MOST ADVANCED SEVERE WEATHER WARNING

Sferic Maps provides emergency managers, airport crews, stadium managers, event staff, facility managers and operations centers with web-based access to our best weather detection technologies. Only Sferic Maps shows live radar together with lightning flashes detected by the Earth Networks Total Lightning Network®—the first to comprehensively capture both cloud-to-ground and in-cloud lightning.



WHAT POWERS SFERIC MAPS?

- **World’s Largest Weather Network** – Data you can trust from Earth Networks’ proprietary network of more than 12,000 professional-grade hyper-local weather stations. Each weather station monitors more than 25 metrics which are updated every 2 seconds.
- **EN Total Lightning Network** – If you want the fastest severe weather warnings for your organization, you need intelligent weather data powered by total lightning detection. Our Total Lightning Network is the first of its kind. With over 1,200 sensors in 40+ countries around the world, our network is the most extensive and technologically-advanced global lightning network. Our ability to monitor in-cloud lightning sets us apart from other lightning networks. Detecting in-cloud lightning enables us to generate faster, localized storm alerts and warn of other forms of severe weather like tornadoes, downbursts and hail.
- **Dangerous Thunder Storm Alerts** – Through our innovative detection of in-cloud lightning, we’re able to provide organizations around the world with the most technologically-advanced alerts. Whether you’re a school protecting athletes or a power company planning for outages, our proprietary Dangerous Thunderstorm Alerts (DTAs) are the perfect solution for minimizing any severe weather risk.

CONNECT WITH US

For more than 20 years Earth Networks has operated the world’s largest and most comprehensive weather observation, lightning detection, and climate networks.

Our observations inform and alert consumers, enterprises and governments around the world, providing them with advanced environmental intelligence for decision making and safety.

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