Enterprise Solutions

Comprehensive severe weather intelligence for planning, detection, response and recovery

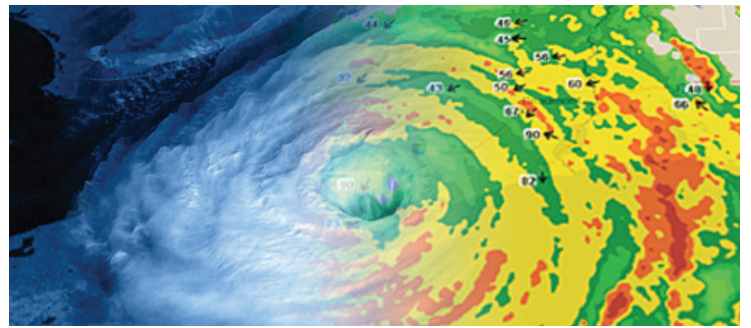| Neighborhood-Level Weather	Total Lightning	Expert Weather Team
World's largest weather network, including 10,000 stations exclusive to Earth Networks-WeatherBug that update every 2 seconds.	World's largest lightning network, and the first to comprehensively capture both cloud-to-ground and in-cloud lightning for advanced warning.	24/7 access to an experienced team of meteorologists for customized real-time weather consulting during severe weather and major events.

Planning

- Identify all potential weather threats
- Prepare action plans based on expected weather conditions
- Strategically position personnel and resources
- Reduce risk to employees and customers

Detection

- Get the earliest possible warning of the potential for severe weather
- Receive instant severe weather alerts and custom notifications
- Visualize the weather in real-time at the neighborhood level
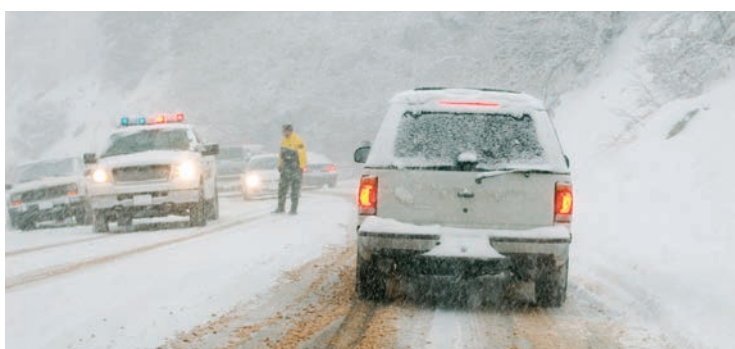- Activate severe weather plans

Response

- Identify where conditions are most severe
- Deploy crews and equipment where they are needed most
- Determine whether to evacuate and what to communicate to the public
- Maintain essential operations and services

Recovery

- Keep recovery crews safe
- Anticipate additional weather threats
- Assess preparation and response efforts
- Resume full operations as soon as possible
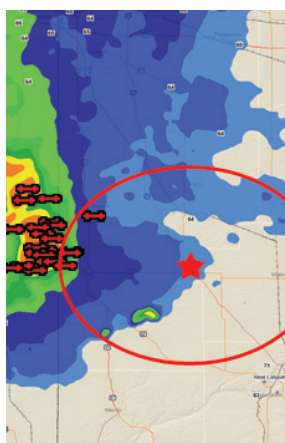
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From the Sensor to the App...

The **Earth Networks-WeatherBug Weather Station** is a commercial-grade weather station built to withstand all weather conditions. It is easily installed and records 27 different weather measurements updated every 2 seconds. The Earth Networks-WeatherBug Weather Station integrates with the following solutions to provide a comprehensive program for planning, detection, response and recovery.

Real-Time Visualization

StreamerRT^{SM}
Access more than 150 layers of real-time weather information and severe alerts, including live data from an exclusive neighborhood-level network of more than 10,000 weather stations. This web-based weather intelligence platform brings the highest level of precision to the tracking and analysis of weather for rapid visualization and decision-making.

Early Warning & Alerting

Total Lightning

Outdoor Horn   Mobile Alerts   Indoor Notifications

Earth Networks-WeatherBug Total Lightning is the standard in reliability for in-cloud (IC) and cloud-to-ground (CG) lightning detection.

Early Warning Can Make the Difference
Detection of IC is critical for advanced warning of severe weather and deadly CG lightning strikes that often follow 5 to 30 minutes after IC flashes begin. Advanced warning increases your lead time to keep people safe and protect property.

Alerts Where and When You Need Them
Receive alerts to multiple locations via multiple methods —mobile devices, computers and to high-decibel outdoor horns. Avoid false alarms—strikes are monitored, confirmed and communicated.

Live Streaming Views

Weather Cameras
HD cameras provide a true picture of what's happening on the ground and help monitor critical assets for improved daily operations.

Live, Local Weather

LCD Weather Display
Display the latest live, local current conditions, forecast, animated radar and camera images from your on-site weather station to increase weather awareness throughout your facility.

Community Information

Online Weather Center
Provide live weather data and detailed local forecasts on your website. Includes navigable maps, radar and satellite data.

Experts On Call

24/7 Meteorological Support
An expert team of experienced meteorologists is available around-the-clock for consultation and customized analysis of the weather for your location.