



We currently use the weather station to monitor local data, average rainfall, daily rainfall. We also use historical data to graph correlations between temperature and humidity and the lightning detection feature to monitor safety of our students on playgrounds and/or sporting events when storms are approaching the area.



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Lutheran School



AUTOMATE SCHOOL WEATHER ALERTS AND ENHANCE STEM LEARNING

Protect students, staff, and visitors from dangerous weather conditions and engage young STEM learners with data from your own school weather station

OVERVIEW

Our Education Solutions experts work with you to build a scalable, custom weather solution that addresses your specific weather safety and STEM learning challenges, and includes:

- ▶ Real-time weather monitoring
- ▶ Mass notification system & custom weather alerts
- ▶ School weather station
- ▶ Public information displays

BENEFITS



Increase safety and preparedness around severe weather including lightning, pop-up thunderstorms, and heat stress



Automated severe weather detection and alerting to maximize administrative and faculty operations and adhere to weather safety policies



Enhance STEM instruction and active learning in the classroom with a school weather station



Increase weather intelligence with public weather displays, an online weather center, and countdown clock



ASK ABOUT A SCHOOL WEATHER CAMERA

Share live views of your school weather with students, staff, and local news stations

KEY FEATURES

- ▶ Full indoor/outdoor lightning alert system based on total lightning detection
- ▶ Comprehensive WBGT monitoring from weather station and mobile application combination
- ▶ Real-time countdown clock with all-clear signal
- ▶ 24/7 phone, email, and chat support from meteorologists
- ▶ STEM lesson plans and integration with the GLOBE program

LEARN ALL THE THINGS WEATHER DATA CAN DO

Hyperlocal real-time weather and lightning data powers automatic lightning alerts, comprehensive WBGT monitoring, and even sparks STEM learners with hands-on lessons.

KEY PRODUCTS



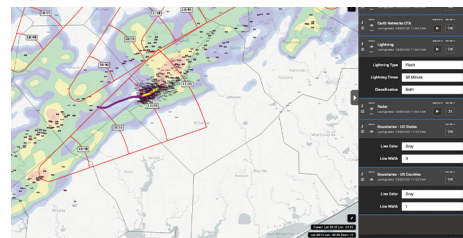
Sferic Siren Automated
Lightning Alerting System



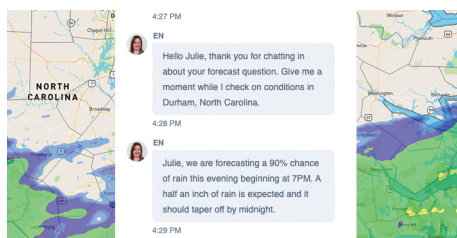
Automatic Countdown Clock
with All-Clear Signal



School Weather Station for
Learning and WBGT



Sferic Maps & Mobile
Tracking and Alerting

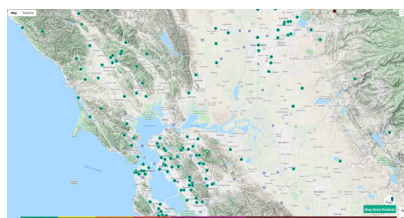


Live Chat with Expert
Meteorologists



HD Weather Display

INTRODUCING AIR QUALITY MONITOR



Are you aware of the invisible dangers of air quality?

- ▶ Monitoring air quality is important for the health of students, staff, and visitors to know what they are breathing in
- ▶ You can monitor air quality using AirLink, from Davis Instruments, a member of our AEM family and sister company to Earth Networks
- ▶ AirLink accurately measures particulate matter for PM1, PM2.5, and PM10 to give you easy-to-understand graphs and color-coded Air Quality Index (AQI) readings based on inhalable particles that are small enough to penetrate deep into the lungs and enter the bloodstream