

EDUCATION SOLUTIONS



ENHANCE STEM INSTRUCTION AND AUTOMATE SEVERE WEATHER DECISION-MAKING

A comprehensive suite of weather sensors and products to choose from to set up your very own weather data information and alert center at your school or facility.

OVERVIEW

A sophisticated hyperlocal network of 12,000+ climate and 1,200 lightning sensors across the US interconnect to capture real-time weather data and with your very own weather data information and alert center you can enhance instruction in the classroom and in addition, keep your school informed about approaching severe weather in order to scale your day-to-day operations and athletic programs accordingly.

BENEFITS



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.



Steven Jahnke,
Redeemer Lutheran School



CREATE A LOCALIZED STEM CURRICULUM

WeatherSTEM is a weather curriculum and platform powered by your school's collected data that can be customized to integrate weather conditions local to your area and around the globe into your STEM lessons.



VISUALIZE AND INTERACT WITH WEATHER DATA

Use real data from your school to inform a project or optimize operational decisions. Analyze and manipulate layers of real-time weather information and severe weather alerts in an easy to use interface. Access local real-time weather data and our entire observation network. Broadcast your own live view to teachers and students in other locations.



PROTECT YOUR OUTDOOR AREAS

Keep your community safe. You set the parameters and our Outdoor Alerting System takes care of the rest. Designed to alert when lightning approaches a predefined radius around your school.



SET UP CUSTOM WEATHER ALERTS

Automatically warn staff when weather could affect your school's outdoor activities. Notifications appear on your iOS and Android devices as well as displays you can set up in and around your facility.

KEY PRODUCTS

- Weather Stations
- Outdoor Alerting System
- WeatherSTEM
- Cameras
- Sferic Maps

KEY ADVANTAGES

- Boost student engagement and active learning in the classroom
- Integrate on-site real-time weather observations into data driven lesson planning and operations
- Keep students, faculty and visitors safe and informed of dangerous weather events

SPARK CREATIVITY, COLLABORATION AND ANALYTICAL THINKING WITH A WEATHER-INFUSED STEM CURRICULUM WHILE ADDING PROTECTION AGAINST SEVERE WEATHER THREATS

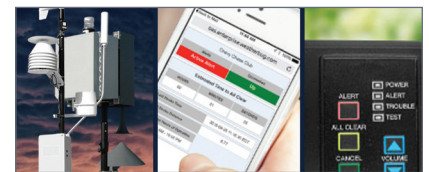
Students can comparatively analyze collected data to inform and support concepts and theories they are currently learning in biology, physics, chemistry and mathematics while administrators can safely scale day-to-day and athletic programs in preparation of severe weather.

KEY PRODUCTS



Weather Stations

Several models to choose from, built to withstand and capture all kinds of weather.



Outdoor Alerting System

Automated high-decibel alert system. Built for outside, fully integrated inside.



WeatherSTEM

A robust and flexible weather intelligence program that enables you to enhance active learning, personalize notifications via social media, and make informed operational decisions about the weather.



Cameras

High-definition cameras monitor critical assets and enhance visibility of your campus during weather events or throughout day-to-day operations.

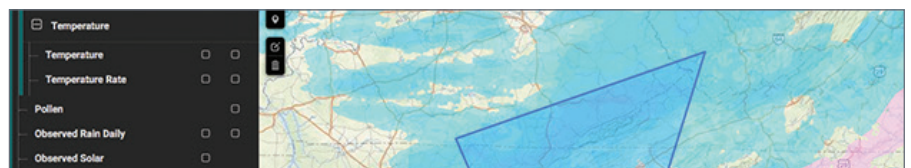
CONNECT WITH US

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.

(301) 250-4000

info@earthnetworks.com



Sferic Maps

View, manage and analyze the most hyper-localized data available with multiple layers of real-time weather information and severe weather alerts with our web based weather visualization application. Access your collected real-time weather data and our entire network of real-time data captured from 12,000+ automated weather stations and 1,200 lightning sensors worldwide now on your mobile device.