

Airport operations



The automated weather solution helped us in the long run. It provides real-time intelligence we need to make more informed weather-related decisions. And most importantly, it helps us plan for severe weather and improve our operational efficiency tremendously.

— **Mark Sprague**,
C.M. Deputy Director of
Airport Operations and Facilities,
St. Pete-Clearwater International Airport

Protect ground & maintenance crews, equipment, and facilities from severe weather

Weather safety is crucial at the airport, from protecting employees and passengers to safeguarding equipment. AEM's Airport Operations solutions help you monitor developing weather with highly accurate forecasting, tracking, and alerting to keep you ahead of the storm. Our technology and on-call meteorologists empower your team to lead with confidence during adverse weather events.

SOLUTION OVERVIEW

- Complete weather and hydrology multi-hazard warning system
- Real-time weather, lightning, and pavement condition monitoring
- Multi-platform customizable alerting
- Flexible configurations to meet your specific needs

BENEFITS



Minimize downtime and delays with real-time alerts and all-clears to keep operations running smoothly



Increase response time and get ahead of severe weather events with continuous monitoring and alerting of weather conditions



Prepare for diversions and ensure passenger and personnel safety using accurate, real-time weather data to inform your decisions



Meet staffing needs when weather delays lead to crew time-outs and a backlog of work



Integrated weather solutions for safe airport operations

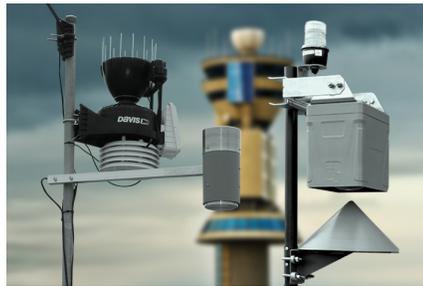
AEM provides industry-leading solutions for weather safety through accurate, real-time data collection and alerting. Our complete solution offers the hardware, software and experts needed to inform critical decisions and efficiently manage safe airport operations.



Key products



LIGHTNING & SEVERE WEATHER TRACKING AND ALERTING



PRECISION WEATHER STATIONS AND OUTDOOR ALERTING



PAVEMENT CONDITION MONITORING



24/7 ON-DEMAND FORECASTING SUPPORT

Key features:

WEATHER MONITORING AND ALERTING

- Our weather stations measure lightning, wind, temperature, precipitation, and more to keep you updated on weather threats
- Audio or visual outdoor alerts warn staff and visitors of nearby lightning activity
- Automated multi-channel alerts for remote monitoring of weather conditions

PAVEMENT CONDITION MONITORING

- Real-time data on high water, icy road, low friction/visibility, and high wind conditions
- Programmable severe road weather alerts
- Customizable systems to fit specific airport needs
- In-pavement, non-intrusive, and mobile sensor options
- Supports ground crew and passenger safety



WEATHER TRACKING WITH SFERIC MAPS

Track storms headed your way with Sferic Maps. View the storm's estimated time of arrival along with forecasts, animated radar, and real-time lightning strikes.