

Mining



Working with AEM, we've been able to increase our understanding of how our operations, local hydrology, and the weather all come together. Now, we're able to keep people safer and ensure we're having a responsible impact.

— **Operations Manager,**
Major International Mining Company

Protect employees and improve mine safety with severe weather intelligence

A wide range of severe weather events, from storms and floods to extreme temperatures, can impact mining operations, injure workers, and damage outdoor equipment. AEM's complete weather intelligence, environmental monitoring, and climate resilience solutions help you keep your personnel, assets, and infrastructure safe in the face of severe weather risks.

SOLUTION OVERVIEW

- High-accuracy forecasts for the pinpoint locations of each mine and site
- Real-time level and flow monitoring for key locations in and out of the mine
- Automated early warning systems and actionable weather alerts for workers
- On-demand meteorological services to maximize weather intelligence and response

BENEFITS



Minimize the impact of major storms and weather events on operations with more accurate, timely data for severe weather planning and response



Increase worker safety with a variety of unmissable alerts and alarms



Leverage a dedicated team of meteorologists to increase weather expertise and resilience when it matters most



Demonstrate OSHA and Clean Water Act compliance with robust documentation of your weather alerts and on-site monitoring data

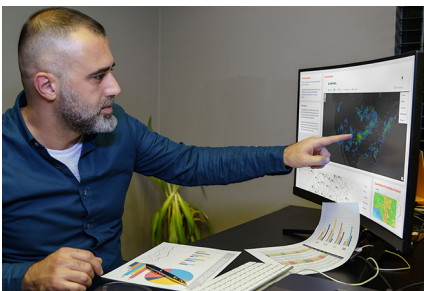


Integrated weather and risk management solutions for mining

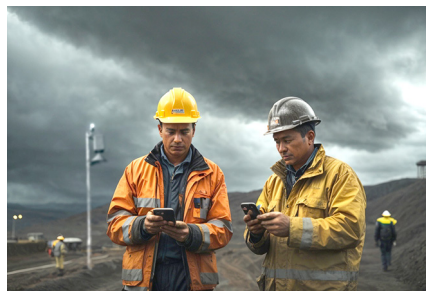
AEM is not just a real-time weather or monitoring provider that can tell you what's happening right now; we specialize in helping you understand what's going to happen in the future and how you can take decisive action accordingly. Our approach offers the blend of on-site hardware, monitoring software, and weather intelligence you need to keep people safe, maximize operational continuity, and thrive in the era of increased weather variability.



Key products



LIGHTNING & SEVERE WEATHER TRACKING



OUTDOOR ALERT & NOTIFICATION SYSTEMS



PRECISION HYDROLOGY AND WEATHER MONITORING SENSORS



24/7 ON-DEMAND FORECAST SUPPORT

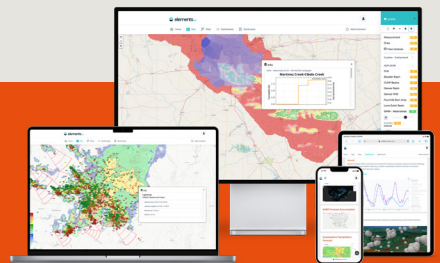
Key features:

OPERATIONAL DECISION MAKING SUPPORT

- We help you ingest data in an action-oriented way that cuts through the noise to support decisive leadership in the face of severe weather
- Site-based pinpoint forecasts optimize asset allocation and day-to-day efficiency
- Clear threshold-based notifications that automate the initiation of your severe weather protocol

INTELLIGENCE FOR THE ENTIRE EVENT CYCLE

- Our solutions are designed to maximize your understanding of severe weather and environmental events before, during, and after they happen
- All-clear countdowns and notifications eliminate the guesswork from knowing when to transition from prioritizing safety to recovery
- Our software presents real-time or historic weather events in highly visual ways, allowing for post-event analysis for continuous improvement



MULTI-HAZARD RESILIENCY WITH AEM ELEMENTS™ 360

Our flagship application AEMElements 360 seamlessly converts data into actionable insights for more efficient and effective response coordination to natural hazards. To learn more, schedule a demo of AEMElements 360 today!