Understand and reduce your risks from flooding with AEM’s complete approach

With more people in the world at risk today from flooding than ever before, being prepared for floods is crucial to decrease negative effects of flooding in our communities. Great advancements have been made in technologies, tools, and services that help reduce the impact of flooding to create safer environments and reduce flood risks. Flood risk is often underestimated and the investment in flood resilience disproportionate or inadequate.

**Benefits**

- Locally relevant sensors reliably inform real-time flood risk decisions regardless of public infrastructure
- Advanced warning and alerting for agency officials, first responders, and the public
- Situational awareness for proactive response and operational decisions
- Community awareness and education of flood risks reduces rescues and assets

**ASK ABOUT:** FLOOD EARLY WARNING SYSTEMS

Our complete, integrated solutions measure hydrological, meteorological, and other environmental variables to detect and warn when flooding conditions exist in your area.

<table>
<thead>
<tr>
<th>Hydrological sensors</th>
<th>Critical water locations</th>
<th>Weather stations deployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>65K+</td>
<td>16K+</td>
<td>500K+</td>
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Products and services for every step of the way

AEM’s vertical involvement in water—from network design to sensors to warning systems to storm analysis—enables us to be a leading provider for agencies with critical missions that depend on understanding water.

**Applications:**
- State and local governments
- Dam operations
- Levees and water containment
- Post-wildfire monitoring
- Urban structural design
- Coastal areas and design
- Stormwater and wastewater operations

**Response Management**
- Public awareness and warning systems
- Driver warning systems
- EAP alarming

**Mitigation**
- Historical radar rainfall, rain gauge, and stream data
- StormProperties™ Analysis
- Design Storm tool

**Planning**
- FEWS Network design and maintenance
- Flood modeling services
- Emergency Action Plan development

**Detection**
- Flood Early Warning Systems (FEWS)
- Remote Erosion Monitoring Systems (REMS)
- Radar rainfall estimates

**Prediction**
- Real-time flood forecasts and modeling
- 24/7 expert meteorologist support

ASK ABOUT: DRIVER WARNING SYSTEMS
Use our state-of-the-art High Water Detection Systems in your most critical and timely areas to quickly warn motorists of dangerous flooding conditions.