

**IOWA**

# Serving Iowans with Reliable Flood Information



“The Iowa Flood Center is a tremendous asset that is helping fill gaps in the ability to predict impacts of floods on local communities.”

– **LOUIS UCCELLINI**  
DIRECTOR, NATIONAL  
WEATHER SERVICE



Access to reliable information is critical to help Iowans be ready for the next flood. The Iowa Flood Center (IFC) at the University of Iowa provides science-based information to help Iowans understand and reduce their current and future flood risks.

The Iowa Legislature established the IFC in 2009. As a national leader in flood science, the center provides technical support to many local, state, and federal partners by developing innovative tools and creative strategies that are building a more flood-resilient Iowa. Millions of dollars in external grant funding supplement financial support from the state.



## Flood Mitigation

IFC's leadership and expertise has helped bring over \$100 million to the state of Iowa for the Iowa Watershed Approach—a community-led program supported by state and federal partners to develop and implement strategies to mitigate flood damage and increase resilience.

For more information

→ [iowafloodcenter.org](http://iowafloodcenter.org)



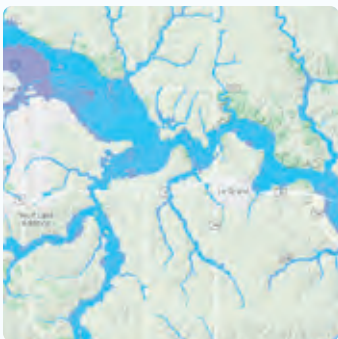
## Flood Monitoring

The IFC has designed, built, and deployed nearly 300 stream-stage sensors across the state that measure river levels every 15 minutes, improving flood monitoring and prediction capabilities.

A network of 20 hydrostations measures rainfall, soil moisture and temperature conditions, windspeed and direction, and groundwater levels in shallow wells to better predict floods and assess droughts. The IFC is working toward a goal of one hydrostation in every county.

## Outreach

Students, staff, and researchers are dedicated to ensuring IFC's resources and tools are easily accessible and tailored to meet the needs of diverse audiences, ranging from K-12 students, home- and business-owners, emergency managers, state agencies, policymakers, and private citizens. Outreach activities include dozens of STEM festivals, conference exhibits and presentations, public meetings and demonstrations, and much more.



## Flood Mapping

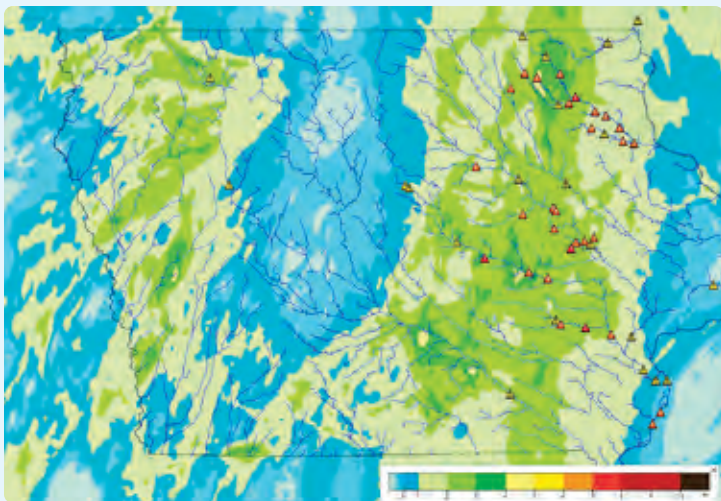
The IFC's high-resolution statewide flood maps for every Iowa stream, along with scenario-based flood inundation maps, keep individuals and communities safe and informed, protecting lives, property, and critical infrastructure.



## Educating the Future

The center supports and nurtures undergraduate and graduate students to successfully complete their degrees in a flood-related discipline; many go on to pursue careers in Iowa.





## Real-Time Flood Information

The IFC-developed Iowa Flood Information System (IFIS) provides flood alerts and forecasts for more than 1,000 Iowa communities. IFIS is a free, user-friendly online application that empowers individuals, community leaders, and decision-makers with watershed-specific information on rainfall, stream levels, and hydrologic conditions for the entire state of Iowa.

For more information

→ [ifis.iowafloodcenter.org](https://ifis.iowafloodcenter.org)



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