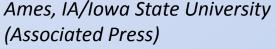


#### **Agenda**

- National Weather Service in Iowa
- > Flood impacts in Iowa
- > Finding flood forecasts & warnings
- > Flood safety tips

















### National Weather Service in lowa









#### **NWS** structure

U.S. Department of Commerce (DOC)

National Oceanic and Atmospheric Administration (NOAA)

National Weather Service (NWS)



**NWS** Des Moines office











#### **NWS** mission

The National Weather Service provides weather, water, and climate forecasts and warnings for the United States, its territories, adjacent waters, and ocean areas for the protection of life and property and the enhancement of the national economy.











# National Weather Service

#### **NWS forecast offices**

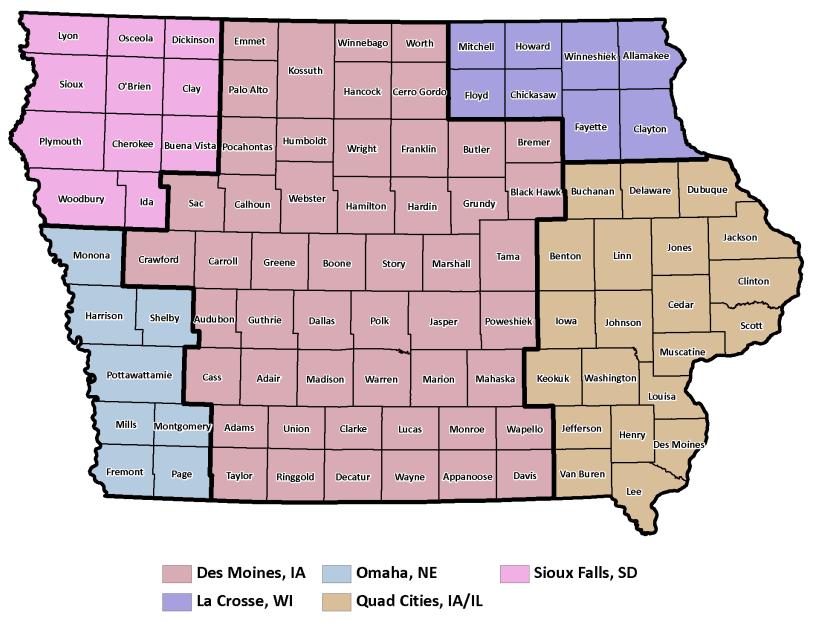








#### **Iowa Counties & Servicing NWS Offices**



# Flood impacts in lowa





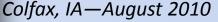
#### Flood impacts in Iowa

- ➤ lowa—#2 for flood damage since 1950
- > 90% of damage in natural disasters is caused by floods & mud/debris flows
  - > Annually, ~\$5 billion in damage in U.S. (#1)
  - > Annually, ~90 deaths in U.S.
- ➤ Cedar Rapids, Iowa—2008
  - > ~\$3 billion in damage









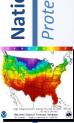
# Finding flood forecasts & warnings





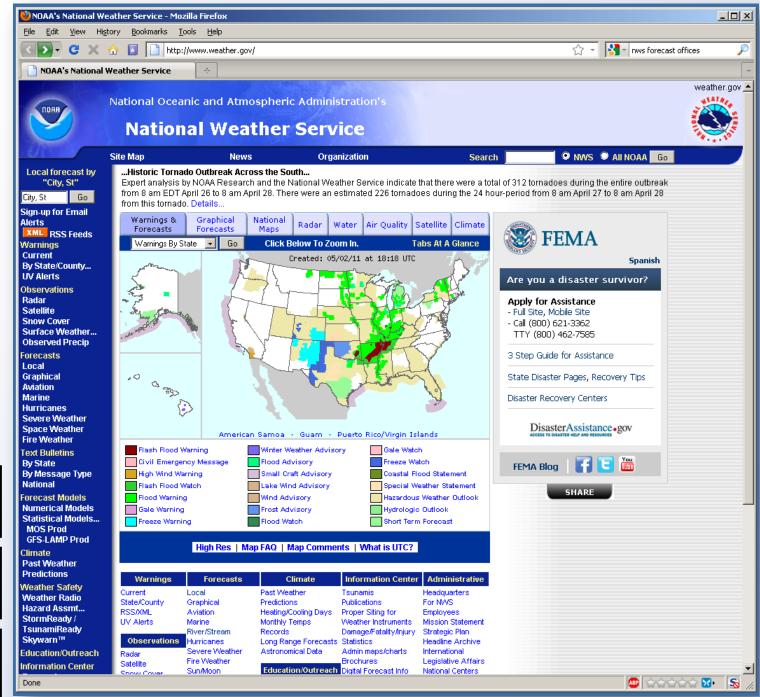
















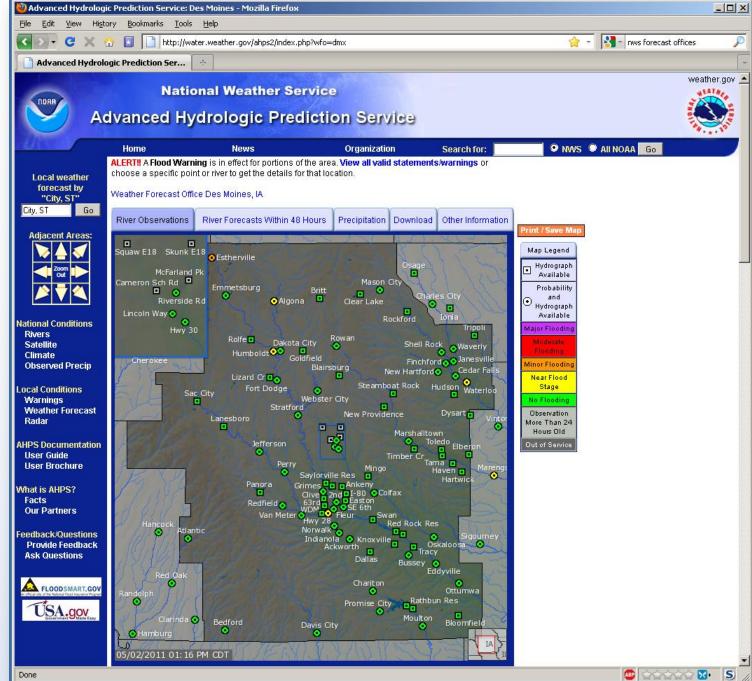






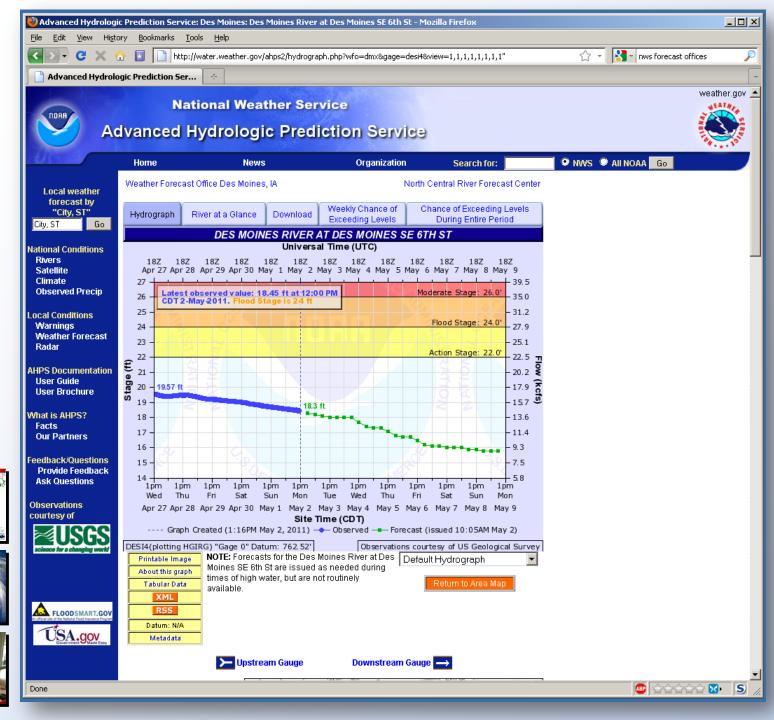
















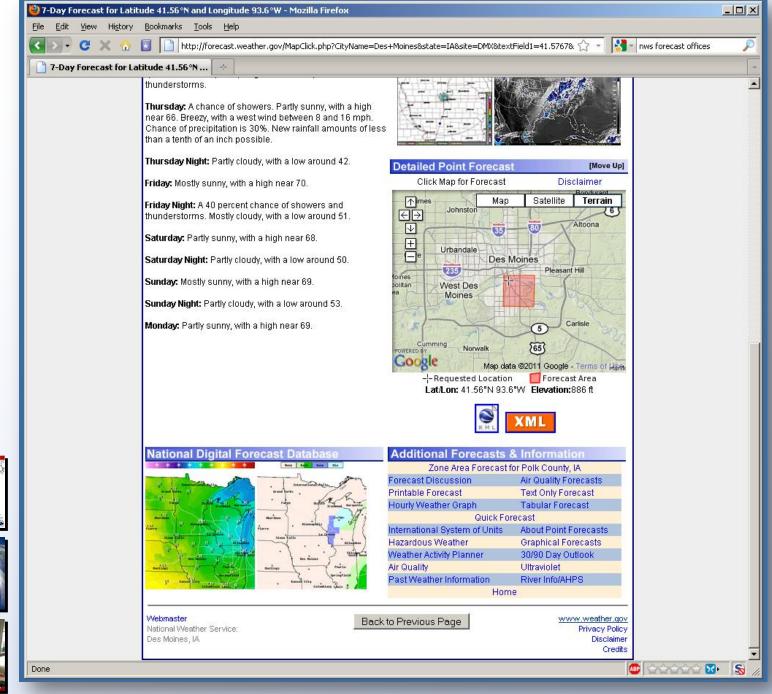








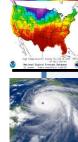








# Flood safety tips







#### Flood safety tips

- Know the threat
  - > Flood vs. flash flood
  - > What, where & when
- Listen for more information
  - > NOAA Weather Radio, television & radio stations
- Be prepared
  - > To evacuate quickly
  - > To move to higher ground quickly



Mud Creek fatality—Des Moines, IA (KCCI-TV8)











## Flood safety tips

- Stay away from floodwaters
  - ▶ 6" of moving water
  - > Includes children!
- Turn around don't drown!
  - > 2 ft of moving water
- > Be especially cautious at night







