



FLOODS, FLASH FLOODS



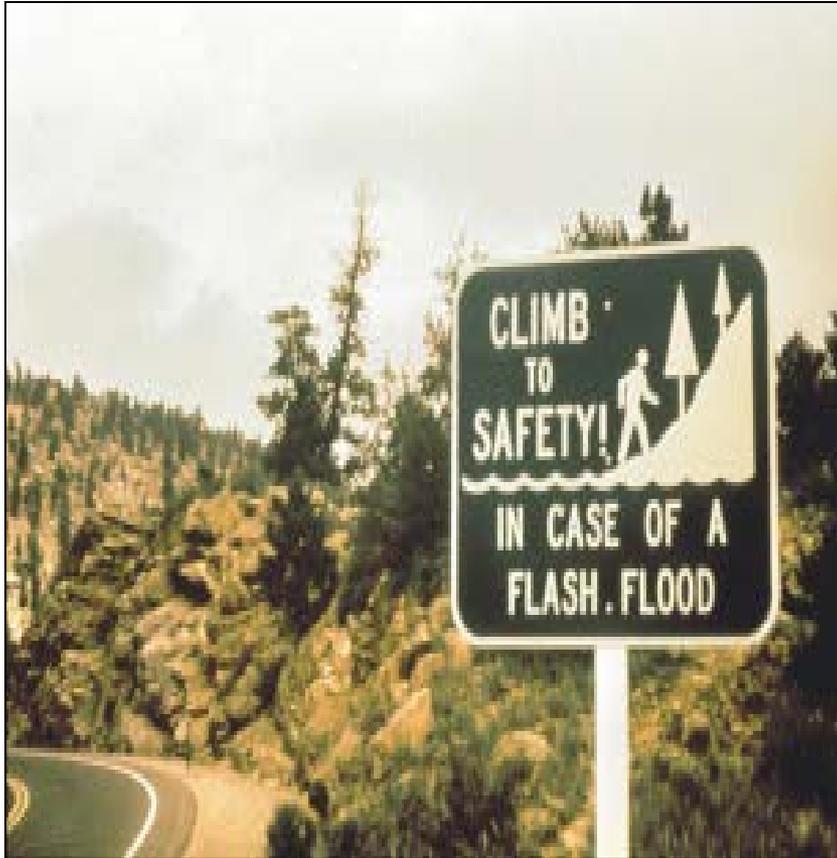
- Flash floods and floods are the #1 cause of deaths associated with thunderstorms...more than 140 fatalities each year.
- Most flash flood fatalities occur at night and most victims are people who become trapped in automobiles.
- Six inches of fast-moving water can knock you off your feet; a depth of two feet will cause most vehicles to float.

For more information, refer to the Flash Floods and Floods...The Awesome Power brochure on the Internet at

www.nws.noaa.gov/om/brochures.shtml



Flash Flood Safety Rules



- Avoid walking, swimming, or driving in flood waters.
- Stay away from high water, storm drains, ditches, ravines, or culverts. If it is moving swiftly, even water six inches deep can knock you off your feet.
- If you come upon flood waters, stop, turn around, and go another way. Climb to higher ground.
- Do not let children play near storm drains.



Flood Facts

- Flooding is the most common natural disaster and can occur anywhere. Flooding can be localized in a particular neighborhood or widespread, affecting entire cities or large portions of states and territories. Floods can develop over a period of days, giving you adequate time to prepare; however, flash floods can develop in a matter of minutes. Flash flood waters can be caused by heavy rain, levee breaches or dam failures. Rushing flood waters can be deeper and stronger than they look. These waters are also destructive and can carry debris, rocks and mud.
- ***How to Prepare for a Flood***
- Determine whether your home or work place is in a predetermined flood plain.
- Stay informed and know flood terminology:
 - **Flood Watch**—Flooding is possible. Stay tuned to radio or TV for more information.
 - **Flash Flood Watch**—Flash flooding is possible. Stay tuned to radio or TV for more information. Be prepared to move to higher ground.
 - **Flood Warning**—Flooding is currently occurring or will occur soon. Listen for further instructions. If told to evacuate, do so immediately.
 - **Flash Flood Warning**—Flash flooding is currently occurring or will occur soon. Seek higher ground on foot immediately.
- Get an emergency supply kit, and store it where it can be accessed by all family members.
- Know your installation's plan, and develop an evacuation procedure as a family.
- Develop a communication plan in case you are not together during evacuation.
- Identify where you can go if you need to reach higher ground quickly and on foot.
- Keep enough fuel in your car's tank to evacuate. Expect a high volume of slow traffic.



Flood Facts cont.

- ***What to Do If There Is a Flood***
- Stay tuned to the radio or TV for further information and instructions.
- If you are ordered to evacuate:
 - Take only essential items.
 - Turn off gas, electricity and water.
 - Disconnect appliances.
 - Do not walk in moving water.
 - Do not drive in flood water. As little as six inches of water can cause loss of control and stalling of a vehicle.
 - Follow the designated evacuation procedure.
- If you are NOT ordered to evacuate:
 - Stay tuned to emergency stations on radio or TV.
 - Listen for further instructions.
 - Prepare to evacuate to a shelter or a neighbor's home if your home is damaged.
- Once you are in a safe place, report to your command if you are military or government civilian personnel or a member of the selective reserves.
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- ***What to Do After a Flood***
- Listen to news reports to make sure water supplies are not contaminated.
- Stay clear of flood waters, standing and moving, as they may be contaminated or deeper than expected.
- Beware of downed power lines.
- Avoid any roads where flood waters have receded as they may have weakened and could collapse under the weight of a car.
- Be extremely cautious when entering buildings and homes, as there may be unseen damage.
- Clean and disinfect everything that was touched by flood water, as it can contain sewage and other contaminants.



Mississippi River Flood Level Effects (LD15)

- 19.5 Water is at field level at Modern Woodmen Park. Water affects the Quad City Times parking lot and Bettendorfs River Drive between 6th and 8th Streets.
- 19 Water affects Rock Islands Sunset Marina parking lot and River Drive in Moline from the 2700 to 4800 block. Davenport's Le Claire Park is entirely underwater. Water affects most of River Drive from Division to Federal. Water is also at the base of the loading docks of the 2nd Street Post Office.
- 18.5 Water surrounds Modern Woodmen Park.
- 18 Water affects sections of River Drive in downtown Davenport from Gaines Street to 4th Street. Water affects 2nd Street at Iowa. Most of Le Claire Park is under water. Water affects Credit Island.
- 17.5 Water affects the railroad tracks in downtown Davenport and River Drive...Pershing Avenue and Federal Street. Water affects Bettendorfs Leach Park.
- 17 Water is over most of Davenport's Le Claire Park and lower parking lots.
- 16.5 Water affects Credit Island Lane in Davenport and the 4700 block of River Drive in Moline. Water is at the base of the flood wall gates at the downtown Rock Island riverfront.
- 16 Water affects sidewalks along the river at Le Claire Park. Water also affects Credit Island Lane and Moline's River Drive in the 4700 block.
- 15.5 Water affects Le Claire Park.
- 15 Water affects several sections of South Concord Street south of River Drive in Davenport and is at the foundations of several homes on Enchanted Island. Water also affects industries along the river at the south end of Davenport.
- 14 Water affects a few sections of South Concord Street south of River Drive in Davenport and affects yards and outbuildings on Enchanted Island. Water is also in some houses along South Concord Street south of River Drive.
- 13.5 Water affects the lowest section of South Concord Street south of River Drive in Davenport and affects other sections in the same area. Water affects the lowest sections of the Enchanted Island causeway.
- 13 Water affects the lowest sections of both South Concord Street south of River Drive and onto the Enchanted Island causeway in Davenport. Water also surrounds some houses along South Concord Street south of River Drive.
- 29 Water reaches the top of the flood walls and levees in Bettendorf...Rock Island and East Moline.
- 27.5 Water affects Moline's water treatment plant.
- 27 Water reaches the bottom of the Arsenal Bridge deck.
- 26 Water reaches the top of the lowest section of the flood wall at Leach Park in Bettendorf.
- 25.7 Water affects many residences and businesses in the vicinity of State Street and 8th Street in Bettendorf.
- 25 Water reaches the top of the lowest section of Rock Islands flood wall in the District.
- 24 Water affects the main concourse of the Quad City Sports Center. In Riverdale...water is at floor level in the ALCOA plant.
- 23.6 Water affects ramps at the bus station in Davenport.
- 23 Water is over Davenport's River Drive from South Concord to Tremont. In Moline...water affects The Mark parking lot. Water also affects Rock Islands Centennial Expressway in unprotected areas.
- 22.7 Water is at the base of the south employee entrance of the Quad City Times building.
- 22.5 Water affects Davenport's Rockingham Road and 2nd Street from Division to Gaines...from Pershing to Le Claire and 3rd Street from Fillmore to Warren.
- 22 Water affects River Drive at the Village of East Davenport. Water is over the seawall at Lindsay Park and Lake Davenport Marinas. Water affects the Davenport approach for the Centennial Bridge. Water affects 3rd Avenue at the John Deere Commons in Moline.
- 21.5 Water affects the Rock Island Arsenal bridge. Bettendorfs Leach Park is underwater.
- 21 Water affects the street at Davenport's 2nd Street Post Office main entrance and Marquis Harbor Marina in Moline. In Bettendorf...water affects River Drive between 6th and 8th Streets.
- 20.5 Water is at the foundations of Davenport's Union Station and the freight house building.
- 20 Water affects the Quad Cities Sports Center parking lot. Water is over the top of the jetty at Lindsay Park Yacht Club. Water affects buildings at Sunset Marina in Rock Island and Moline's River Drive from the 2300 to 5500 block.



Rock River Flood Level Effects (Moline)

- 17.5 The Sears Dam is under water in Rock Island.
- 15.5 Water affects the intersection of Highways 150 and 6. Steel Dam is under water in Milan.
- 15.2 Water affects the lowest streets on Vandruffs Island.
- 15 Water affects business parking lots on 52nd Avenue in Moline. Water also affects most homes on South Shore Drive and North Shore Drive.
- 14 Water affects South Shore Drive and North Shore Drive in Moline west of the 27th Street bridge. Water limits access to homes on South Shore Drive east of the I-74 bridge. Water also affects portions of 60th Street south of John Deere Road.
- 13.8 Water affects 49th Avenue in Moline.
- 13.5 Water affects 60th Street south of John Deere Road in Moline and Green Valley Park. Water is also on Canal Road on Big Island.
- 13 Water affects homes on South Shore Drive in Moline and cuts off access to homes east of the I-74 bridge. Water affects Vandruffs Island in Rock Island and 7th Street in Coal Valley.
- 12.5 Water affects residences in the Friendship Farm area.
- 12 Water affects residences near the 27th Street bridge.
- 11 Water affects agricultural land upstream from Moline.



Wapsipinicon River Flood Level Effects (Dewitt)

- 16.5 Water affects the lowest sections of U.S. Highway 61 near the river and reaches the lowest sections of the County Road Y52 bridge deck.
- 16 Water reaches the bottom of the U.S. Highway 67 bridge deck near Folletts and reaches the bottom of the County Road E63/Y22 bridge deck near Toronto.
- 15.5 Water reaches the bottom of the County Road Z30 bridge deck. Water reaches the bottom of the Iowa Highway 956 bridge deck.
- 15 Water reaches the bottom of the U.S. Highway 30 bridge deck and affects the lowest sections of U.S. Highway 30 between Wheatland and Calamus.
- 14.5 Water affects U.S. Highway 67 near Folletts and affects the lowest sections of County Road Z30 near McCausland. Water also affects the lowest sections of County Road Y52 near the river and affects access roads to Buena Vista.
- 14 Water reaches the bottoms of the U.S. Highway 67 bridge decks over the Wapsipinicon backwaters. Water also overtops the floodwall to an establishment near the old U.S. Highway 61 bridge.
- 13 Water affects many residences along the river.
- 12.5 Water affects old U.S. Highway 61 near the river and affects an establishment near the old U.S. Highway 61 bridge.
- 12 Overbank flooding occurs. Water affects residences along the river between Wheatland and Calamus. Water affects businesses along the river near Calamus.
- 11.5 Water affects homes along old U.S. Highway 61. The river is bank full in most areas.
- 11 Water affects County Road E63 north of the river near Toronto and affects the lowest roads in Buena Vista.
- 10 Water affects a few residences along the river.
- 9.5 Water affects Walnut Grove Park in Toronto.