# Flood Safety Awareness Week

March 15 - 21, 2015

While much of the focus during severe weather is on tornadoes, wind and hail, there are actually more deaths caused each year by flooding and lightning, which are also commonly associated with severe weather. Heavy rainfall from thunderstorms can quickly cause rivers and streams to overrun their banks and cause street flooding in cities. Remember, if you encounter a flooded roadway, do NOT drive or walk into it. Turn Around Don't Drown!

• Additional information is available on the EH&S, Weather, Flood webpage.

#### Monday: Flood Safety

Flooding is a coast to coast threat to the United States and its territories nearly every day of the year. If you know what to do before, during, and after you can increase your chances of survival.

- Flood Warning vs. Watch
- Before a Flood
- During a Flood
- After a Flood

## Tuesday: <u>Turn Around Don't Drown<sup>®</sup> (TADD)</u>

Turn Around Don't Drown is a NOAA National Weather Service campaign to warn people of the hazards of walking or driving a vehicle through flood waters.

- TADD Brochure
- TADD: Resources
- TADD: Road Signs

#### Wednesday: Flood Hazards

**Flash Flooding** is a rapid and extreme flow of high water into a normally dry area, or a rapid water level rise in a stream or creek above a predetermined flood level, beginning within six hours of the causative event.

**River Flooding** occurs when river levels rise and overflow their banks or the edges of the main channel and inundate areas that are normally dry.

Ice Jams are a back-up of water into surrounding areas can occur when a river or stream is blocked by a build-up of ice or other debris.

Snowmelt flooding most often occurs in the spring when rapidly warming temperatures quickly melt snow.

Dam Breaks A break or failure can occur with little to no warning.

- What are Flash Floods?
- Water: River Observations
- Ice Jams
- Snowmelt
- USGS The Water Cycle: Snowmelt Runoff to Streams

#### Thursday: **NWS Water Resources**

The NWS provides many additional resources to help emergency managers, public officials and private citizens make water decisions.

- Use and Benefits of NWS River and Flood Forecasts
- Flood Inundation Mapping
- NWS River Forecast Center

### Friday: Partner Resources

The NWS works with and relies on strategic partners involved in river observations, reservoir management, floodplain management, flood hazard mitigation and flood preparedness and safety to reduce the loss of life and property due to floods.

- FloodSmart.gov
- American Red Cross Family Disaster Plan
- Federal Alliance for Safe Homes (FLASH) Flood Safety
- Ready.gov Safety Information
- FEMA National Flood Insurance Program





