



National Weather Service

TURN AROUND DON'T DROWN®

MOST FLOOD-RELATED DEATHS AND INJURIES COULD BE AVOIDED IF PEOPLE FOLLOWED THIS SIMPLE ADVICE:

Turn Around Don't Drown®. More than 50 percent of flood-related deaths are due to someone driving or walking into floodwaters.

- ✓ **6 INCHES OF FAST-MOVING WATER** can knock adults off their feet and sweep them away.
- ✓ **12 INCHES OF MOVING WATER** can carry off a small car.
- ✓ **18 TO 24 INCHES OF MOVING WATER** can carry away larger vehicles including trucks, vans and SUVs.

If you come to an area that is covered with water, you may not know the depth of the water or the condition of the road or ground underneath. This is especially true at night, when your vision is limited. Play it safe. Whether driving or walking, any time you come to a flooded area, Turn Around Don't Drown®.



Forces on Vehicles Crossing Streams

The car will be carried when:
Buoyancy force **Greater Than** Vehicle Weight



There is no friction force once the vehicle is lifted off the road

Nearly half of all flood fatalities are vehicle related

For more information, visit [weather.gov/safety/flood](https://www.weather.gov/safety/flood)