

Extreme Weather Driving For All Drivers



Session Objectives

- ✓ Recognize extreme weather driving hazards
- ✓ Identify appropriate safe driving precautions for different weather conditions
- ✓ Prepare yourself and your vehicle for any kind of weather
- ✓ Prevent accidents and reach your destination safely when driving in extreme weather conditions

Prequiz:

How Much Do You Know?

- ? When driving in fog, you should use your high beams for better visibility.
- ? Your vehicle could float in as little as 24 inches of water.
- ? If your vehicle skids, steer in the direction you want the rear end to go.
- ? In bad weather, decrease following distance.

Prequiz:

How Much Do You Know?

- When driving in fog, you should use your high beams for better visibility - FALSE
- Your vehicle could float in as little as 24 inches of water - TRUE
- If your vehicle skids, steer in the direction you want the rear end to go - FALSE
- In bad weather, decrease following distance - FALSE

Effect of Bad Weather On Driving Safety

- ! Visibility decreases
- ! Braking distance increases
- ! Control of the vehicle decreases
- ! The risk of accidents increases
- ! The risk of breakdown increases



7 Basic Rules for Driving in Extreme Weather

- Allow extra time
 - Turn on lights
 - Slow down
 - Stay alert
 - Increase following distance
 - Prepare for stops
 - Get off the road if unsafe

Weather Reports

- ✓ Check the weather before you go!



Emergency Kit

- ✓ Flares/triangles
- ✓ Flashlight
- ✓ Tire jack and tools
- ✓ Inflated spare
- ✓ First-aid kit
- ✓ Jumper cables



Emergency Kit (cont.)

- ✓ Spill-proof container of sand
- ✓ Ice scraper
- ✓ Blanket
- ✓ Emergency food and water



Vehicle Safety Check

✓ Brakes



✓ Lights



✓ Wipers



✓ Fluids



✓ Gas



✓ Tires



Review

Do you understand:

- Effects of bad weather on driving safety?
- Basic rules for extreme weather driving?
- Weather reports?
- Emergency kit?
- Vehicle safety check?



Rain

- Reduce speed
- Use windshield wipers and headlights
- Use the defroster
- Be careful in light rain
- Brake gently when roads are wet
- Slow down for large puddles
- Pull over if you can't see well



Flooding

- Major cause of highways deaths
- Engine could stall
- Never drive through floods
- Leave the car for higher ground



Fog

- Reduce speed and increase following distance
- Use low beams
- Avoid passing
- Use road lines as guide
- Get off the road



Snow and Ice

- Clear windshield completely
- Use wipers, defroster, and headlights
- Reduce speed
- Brake gradually
- Watch for ice
- Drive defensively
- Wear sunglasses



Stranded?

- Call for help
- Stay in the car
- Make car visible
- Run heat only periodically



Handling Skids

- Slow down
- Avoid fast turns and sharp braking
- Ease off the gas
- Steer in the direction you want to go
- Keep your foot off the brake



Extreme Wind

- Reduce speed
- Keep both hands on the wheel
- Increase following distance
- Be careful passing



Tornadoes and Hurricanes

- Don't drive unless you have to
- Don't try to outrun a tornado
- Bring essentials
- Follow evacuation routes



Extreme Heat

- Check coolant
- Watch temperature gauge
- Take driving breaks
- Use low gear
- Turn off AC



Earthquakes

- Slow down gradually
- Don't stop near things that could fall on you
- Watch out for mud or rock slides
- Stay in your car until shaking stops



Afterquiz: Safe or Unsafe?

- ? Driving through swiftly moving water
- ? Passing on a two-way road in fog
- ? Keeping both hands on wheel in windy conditions
- ? Trying to outrun a nearby tornado
- ? Slowing down when it starts to rain
- ? Maintaining following distance of 2 seconds in snow
- ? Getting off the road if you can't see road lines in fog

Afterquiz: Safe or Unsafe?

- Driving through swiftly moving water - Unsafe
- Passing on a two-way road in fog - Unsafe
- Keeping both hands on wheel in windy conditions - Safe
- Trying to outrun a nearby tornado - Unsafe
- Slowing down when it starts to rain - Safe
- Maintaining following distance of 2 seconds in snow - Unsafe
- Getting off the road if you can't see road lines in fog - Safe

Review

Do you understand risks of driving in these conditions:

- Rain?
- Floods?
- Fog?
- Snow/ice?
- Extreme wind?
- Tornadoes/hurricanes?
- Extreme heat?
- Earthquakes?



Key Points to Remember

- Extreme weather driving is challenging and hazardous.
- Be aware of hazards and precautions.
- Being prepared and cautious in extreme weather can prevent accidents.

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