



Hurricane Safety- 2019

Hurricanes are massive storm systems that form over warm ocean waters and move toward land. Potential threats from hurricanes include powerful winds, heavy rainfall, storm surges, coastal and inland flooding, rip currents, tornadoes, and landslides. The Atlantic hurricane season runs from June 1 to November 30.

For additional information about preparing for emergencies visit www.ready.gov

2019 Hurricane Names:

The following list of names is being used for named storms that form in the North Atlantic in 2019. Retired names, if any, will be announced by the World Meteorological Organization in the spring of 2020. The names not retired from this list will be used again in the 2024 season.

- Andrea
- Berry
- Chantal
- Dorian
- Erin
- **Fernand**
- Gabrielle
- Humberto
- Imelda
- Jerry
- Karen
- Lorenzo
- Melissa
- Nestor
- Olga
- Pablo
- Rebekah
- Sebastien
- Tanya
- Van
- Wendy

Know the Hazards:

While hurricanes pose the greatest threat to life and property, tropical storms and depression also can be devastating. The primary hazards from tropical cyclones (which include tropical depressions, tropical storms, and hurricanes) are storm surge flooding, inland flooding from heavy rains, destructive winds, tornadoes, and high surf and rip currents.

- Storm surge is the abnormal rise of water generated by a storm's winds. This hazard is historically the leading cause of hurricane related deaths in the United States. Storm surge and large battering waves can result in large loss of life and cause massive destruction along the coast.

- Storm surge can travel several miles inland, especially along bays, rivers, and estuaries.
- Flooding from heavy rains is the second leading cause of fatalities from landfalling tropical cyclones. Widespread torrential rains associated with these storms often cause flooding hundreds of miles inland. This flooding can persist for several days after a storm has dissipated.
- Winds from a hurricane can destroy buildings and manufactured homes. Signs, roofing material, and other items left outside can become flying missiles during hurricanes.
- Tornadoes can accompany landfalling tropical cyclones. These tornadoes typically occur in rain bands well away from the center of the storm.
- Dangerous waves produced by a tropical cyclone's strong winds can pose a significant hazard to coastal residents and mariners. These waves can cause deadly rip currents, significant beach erosion, and damage to structures along the coastline, even when the storm is more than a 1,000 miles offshore.

IF YOU ARE UNDER A HURRICANE WARNING, FIND SAFE SHELTER RIGHT AWAY

- Determine how best to protect yourself from high winds and flooding.
 - Evacuate if told to do so.
 - Take refuge in a designated storm shelter, or an interior room for high winds.
- Listen for emergency information and alerts.
- Only use generators outdoors and away from windows.
- Turn Around, Don't Drown! Do not walk, swim, or drive through flood waters.

Prepare NOW

- Know your area's risk of hurricanes.
- Sign up for your [community's warning system](#). The Emergency Alert System (EAS) and National Oceanic and Atmospheric Administration (NOAA) Weather Radio also provide emergency alerts.
- If you are at risk for flash flooding, watch for warning signs such as heavy rain.
- Practice going to a safe shelter for high winds, such as a FEMA safe room or ICC 500 storm shelter. The next best protection is a small, interior, windowless room in a sturdy building on the lowest level that is not subject to flooding.
- Based on your location and community plans, make your own plans for evacuation or sheltering in place.
- Become familiar with your evacuation zone, the evacuation route, and shelter locations.

- Gather needed supplies for at least three days. Keep in mind each person's specific needs, including medication. Don't forget the needs of pets.
- Keep important documents in a safe place or create password-protected digital copies.
- Protect your property. Declutter drains and gutters. Install check valves in plumbing to prevent backups. Consider hurricane shutters. Review insurance policies.

When a hurricane is 36 hours from arriving

- Turn on your TV or radio in order to get the latest weather updates and emergency instructions.
- Restock your emergency preparedness kit. Include food and water sufficient for at least three days, medications, a flashlight, batteries, cash, and first aid supplies.
- Plan how to communicate with family members if you lose power. For example, you can call, text, email or use social media. Remember that during disasters, sending text messages is usually reliable and faster than making phone calls because phone lines are often overloaded.
- Review your evacuation zone, evacuation route and shelter locations. Plan with your family. You may have to leave quickly so plan ahead.
- Keep your car in good working condition, and keep the gas tank full; stock your vehicle with emergency supplies and a change of clothes.

When a hurricane is 18-36 hours from arriving

- Bookmark your city or county website for quick access to storm updates and emergency instructions.
- Bring loose, lightweight objects inside that could become projectiles in high winds (e.g., patio furniture, garbage cans); anchor objects that would be unsafe to bring inside (e.g., propane tanks); and trim or remove trees close enough to fall on the building.
- Cover all of your home's windows. Permanent storm shutters offer the best protection for windows. A second option is to board up windows with 5/8" exterior grade or marine plywood, cut to fit and ready to install.

When a hurricane is 6-18 hours from arriving

- Turn on your TV/radio, or check your city/county website every 30 minutes in order to get the latest weather updates and emergency instructions.
- Charge your cell phone now so you will have a full battery in case you lose power.

When a hurricane is 6 hours from arriving

- If you're not in an area that is recommended for evacuation, plan to stay at home or where you are and let friends and family know where you are.
- Close storm shutters, and stay away from windows. Flying glass from broken windows could injure you.
- Turn your refrigerator or freezer to the coldest setting and open only when necessary. If you lose power, food will last longer. Keep a thermometer in the refrigerator to be able to check the food temperature when the power is restored.
- Turn on your TV/radio, or check your city/county website every 30 minutes in order to get the latest weather updates and emergency instructions.

Survive DURING

- If told to evacuate, do so immediately. Do not drive around barricades.
- If sheltering during high winds, go to a FEMA safe room, ICC 500 storm shelter, or a small, interior, windowless room or hallway on the lowest floor that is not subject to flooding.
- If trapped in a building by flooding, go to the highest level of the building. Do not climb into a closed attic. You may become trapped by rising flood water.
- Listen for current emergency information and instructions.
- Use a generator or other gasoline-powered machinery outdoors ONLY and away from windows.
- Do not walk, swim, or drive through flood waters. Turn Around. Don't Drown! Just six inches of fast-moving water can knock you down, and one foot of moving water can sweep your vehicle away.
- Stay off of bridges over fast-moving water.

Be Safe AFTER

- Listen to authorities for information and special instructions.
- Be careful during clean-up. Wear protective clothing and work with someone else.
- Do not touch electrical equipment if it is wet or if you are standing in water. If it is safe to do so, turn off electricity at the main breaker or fuse box to prevent electric shock.
- Avoid wading in flood water, which can contain dangerous debris. Underground or downed power lines can also electrically charge the water.
- Save phone calls for emergencies. Phone systems are often down or busy after a disaster. Use text messages or social media to communicate with family and friends.
- Document any property damage with photographs. Contact your insurance company for assistance.

Associated Content

- [Hurricane Seasonal Preparedness Social Media Toolkit](#)(link)
- [Hurricane Information Sheet](#) (PDF)
- [Six Things to Know Before a Disaster](#) (video)
- [National Hurricane Center](#) (link)
- [National Weather Service Hurricane Safety](#) (link)
- [When the Waves Swell – Hurricane Animated](#) (Video)
- [How to Prepare for a Hurricane](#) (PDF)
- [Hurricane Playbook](#) (PDF)
- [Prepare Your Organization for a Hurricane Playbook](#) (PDF)
- [Communication Tools](#) (PDF)
- [Hurricane Creative Materials](#) (PDF)
- [National Creative Resources](#) (PDF)

Floods

Failing to evacuate flooded areas, entering flood waters, or remaining after a flood has passed can result in injury or death. Flooding is a temporary overflow of water onto land that is normally dry. Floods are the most common natural disaster in the United States. Floods may:

- Result from rain, snow, coastal storms, storm surges, and overflows of dams and other water systems.
- Develop slowly or quickly – Flash floods can come with no warning.
- Cause outages, disrupt transportation, damage buildings, and create landslides.



IF YOU ARE UNDER A FLOOD WARNING, FIND SAFE SHELTER RIGHT AWAY

- Do not walk, swim, or drive through flood waters. **Turn Around, Don't Drown!**
 - Just six inches of moving water can knock you down, and one foot of moving water can sweep your vehicle away.
- Stay off of bridges over fast-moving water.
- Determine how best to protect yourself based on the type of flooding.
 - Evacuate if told to do so.
 - Move to higher ground or a higher floor.
 - Stay where you are.

HOW TO STAY SAFE WHEN A FLOOD THREATENS

Prepare NOW

- Know types of flood risk in your area. Visit FEMA's [Flood Map Service Center](#) for information.
- Sign up for your community's warning system. The Emergency Alert System (EAS) and National Oceanic and Atmospheric Administration (NOAA) Weather Radio also provide emergency alerts.
- If flash flooding is a risk in your location, then monitor potential signs, such as heavy rain.
- Learn and practice [evacuation routes](#), shelter plans, and flash flood response.
- Gather supplies in case you have to leave immediately, or if services are cut off. Keep in mind each person's specific needs, including medication. Don't forget the needs of pets. Obtain extra batteries and charging devices for phones and other critical equipment.
- Purchase or renew a flood insurance policy. It typically takes up to 30 days for a policy to go into effect and can protect the life you've built. Homeowner's policies do not cover flooding. Get flood coverage under the [National Flood Insurance Program \(NFIP\)](#)
- Keep important documents in a waterproof container. Create password-protected digital copies.
- Protect your property. Move valuables to higher levels. Declutter drains and gutters. Install check valves. Consider a sump pump with a battery.

Survive DURING

- Depending on where you are, and the impact and the warning time of flooding, go to the safe location that you previously identified.
- If told to evacuate, do so immediately. Never drive around barricades. Local responders use them to safely direct traffic out of flooded areas.
- Listen to EAS, NOAA Weather Radio, or local alerting systems for current emergency information and instructions.
- Do not walk, swim, or drive through flood waters. Turn Around. Don't Drown!
- Stay off bridges over fast-moving water. Fast-moving water can wash bridges away without warning.
- If your vehicle is trapped in rapidly moving water, then stay inside. If water is rising inside the vehicle, then seek refuge on the roof.
- If trapped in a building, then go to its highest level. Do not climb into a closed attic. You may become trapped by rising floodwater. Go on the roof only if necessary. Once there, signal for help.

Be Safe AFTER

- Listen to authorities for information and instructions. Return home only when authorities say it is safe.
- Avoid driving, except in emergencies.

- Snakes and other animals may be in your house. Wear heavy gloves and boots during clean up.
- Be aware of the risk of electrocution. Do not touch electrical equipment if it is wet or if you are standing in water. If it is safe to do so, turn off the electricity to prevent electric shock.
- Avoid wading in floodwater, which can contain dangerous debris and be contaminated. Underground or downed power lines can also electrically charge the water.
- Use a generator or other gasoline-powered machinery ONLY outdoors and away from windows.

Associated Content

- [Flood Safety Social Media Toolkit \(toolkit\)](#)
- [Flood Information Sheet \(PDF\)](#)
- [National Weather Service Weather Ready Nation Spring Safety Outreach Materials \(link\)](#)
- [American Red Cross \(link\)](#)
- [The National Insurance Program \(link\)](#)
- [Six Things to Know Before a Disaster \(video\)](#)
- [When the Cloud Forms \(video\)](#)
- [How to Prepare for a Flood \(PDF\)](#)
- [Flood Playbook \(PDF\)](#)
- [Flood Creative Materials \(PDF\)](#)
- [National Creative Resources \(PDF\)](#)
- [Answers to Questions about Flood Insurance](#)
- [National Flood Insurance Program Summary of Coverage](#)
- [Your Homeowners Insurance Does Not Cover Flood](#)

Power Outages

Know the emergency numbers for your electric providers to report outages. There are 3 power companies that serve Norwalk, residents need to contact their provider for updates.



Extended power outages may impact the whole community and the economy. A power outage is when the electrical power goes out unexpectedly. A power outage may:

- Disrupt communications, water, and transportation.

- Close retail businesses, grocery stores, gas stations, ATMs, banks, and other services.
- Cause food spoilage and water contamination.
- Prevent use of medical devices.

PROTECT YOURSELF DURING A POWER OUTAGE:

- Keep freezers and refrigerators closed.
- Only use generators outdoors and away from windows.
- Do not use a gas stove to heat your home.
- Disconnect appliances and electronics to avoid damage from electrical surges.
- Have alternate plans for refrigerating medicines or using power-dependent medical devices.
- If safe, go to an alternate location for heat or cooling.
- Check on neighbors.

HOW TO STAY SAFE WHEN A POWER OUTAGE THREATENS:

Prepare NOW

- Take an inventory of the items you need that rely on electricity.
- Talk to your medical provider about a power outage plan for medical devices powered by electricity and refrigerated medicines. Find out how long medication can be stored at higher temperatures and get specific guidance for any medications that are critical for life.
- Plan for batteries and other alternatives to meet your needs when the power goes out.
- Sign up for local alerts and warning systems. Monitor weather reports.
- Install carbon monoxide detectors with battery backup in central locations on every level of your home.
- Determine whether your home phone will work in a power outage and how long battery backup will last.
- Review the supplies that are available in case of a power outage. Have flashlights with extra batteries for every household member. Have enough nonperishable food and water.
- Use a thermometer in the refrigerator and freezer so that you can know the temperature when the power is restored. Throw out food if the temperature is 40 degrees or higher.
- Keep mobile phones and other electric equipment charged and gas tanks full.

Survive DURING

- Keep freezers and refrigerators closed. The refrigerator will keep food cold for about four hours. A full freezer will keep the temperature for about 48 hours. Use coolers with ice if necessary. Monitor temperatures with a thermometer.
- Maintain food supplies that do not require refrigeration.
- Avoid carbon monoxide poisoning. Generators, camp stoves, or charcoal grills should always be used outdoors and at least 20 feet away from windows. Never use a gas stovetop or oven to heat your home.
- Check on your neighbors. Older adults and young children are especially vulnerable to extreme temperatures.
- Go to a community location with power if heat or cold is extreme.
- Turn off or disconnect appliances, equipment, or electronics. Power may return with momentary “surges” or “spikes” that can cause damage.

Be Safe AFTER

- When in doubt, throw it out! Throw away any food that has been exposed to temperatures 40 degrees or higher for two hours or more, or that has an unusual odor, color, or texture.
- If the power is out for more than a day, discard any medication that should be refrigerated, unless the drug’s label says otherwise. If a life depends on the refrigerated drugs, consult a doctor or pharmacist and use medicine only until a new supply is available.

Associated Content

- [Power Outage Information Sheet \(PDF\)](#)
- [Department of Energy](#) (link)
- [Individuals with Disabilities and Others with Access and Functional Needs](#) (link)
- [Centers for Disease Control](#) (link)
- [Food Safety](#) (link)
- [Generator Safety](#) (link)

Preparing young children for emergencies:

Whether you’re preparing for the unexpected or recovering from it, your reassurance and comfort hold great power to soothe children even on the scariest, toughest days. The 2

links below have resources for kids and parents/caregivers to help everyone prepare. The sesame street link is great for younger children and the readykids link has resources and games for elementary and jr high students.

<https://www.ready.gov/kids>

<https://sesamestreetincommunities.org/topics/emergency-preparedness/>