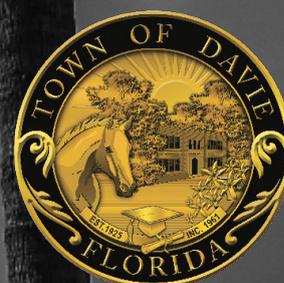


2020

HURRICANE

PREPAREDNESS

GUIDE



ARE YOU READY FOR Hurricane Season?

The Town of Davie takes storm preparation seriously. You should, too. As locals, you may be used to seeing storms and need to be ready for worst-case scenarios if a hurricane decides to visit our Town. Knowing hurricane facts, storm terminology, and how to prepare can be a lifesaver during any forecast - no matter the hurricane category.

Be sure to locate our Hurricane Checklist on page 11 to start your disaster preparedness purchasing or jump right in to learn about the latest hurricane safety essentials (that apply now more than ever amid the COVID-19 pandemic) like that of flood hazard information, important phone numbers, helpful tips for an evacuation, and more! It only takes one storm to severely impact your life and community.

Register to receive emergency alerts from the Town of Davie and keep up to date on all severe weather information, utility disruptions, and public safety announcements.

MESSAGE FROM THE MAYOR

The Florida Atlantic Hurricane Season is June 1 through November 30. For 2020, the National Oceanic and Atmospheric Administration (NOAA) is predicting an above-normal season with 13 to 19 named storms. Of that amount, up to 10 could become hurricanes. I start my message with this forecast, not to scare you, but to make sure you have your guard up and are taking the necessary precautions to protect yourselves and your family. We already experienced significant rainfall and two named storms in May. Remember, catastrophic weather such as hurricanes, tropical storms, and flooding will impact us whether we are prepared or not.

With Coronavirus (COVID-19), getting ready for hurricane season might look a little bit different but this year should be no different. Difficult though it may seem, all the usual preparatory activities for the hurricane season must take place. With the added stresses of COVID-19, this will undoubtedly impact the way we prepare. However, the plan should be simple: make a plan, get a kit, and stay informed. Now, not only do we have to gather the needed personal items, but we must also be prepared to have facial coverings, hand sanitizers, soap, disinfectants, and cleaning agents.

The full range of COVID-19 impacts from social distancing to facial coverings is likely to be in place for months to come. For many, this is the first-time experiencing disruption at this scale. The pandemic has already placed considerable economic and social stress on the Town's resources, public health, and vulnerable population. It is critical that as a community, we adjust our emergency plans and procedures to prepare for overlapping disaster response in the midst of COVID-19.

In situations such as this, my fellow Councilmembers and I along with our Town Administrator continue to discuss the Town's plans, standard operating procedures, challenges, and messaging for this unprecedented situation. We will not know for certain how things will play out, but we will adjust as needed.

One thing is for certain, your safety is our number one priority. Please be diligent in your social distancing and wearing a mask, staying at home when you can get your hurricane supplies finalized, and be patient with us. While this dynamic is new for you, it is new for us too, but we are resilient, and we will get through this together.

Do not hesitate to contact my office at 954-797-1030.

Judy Paul

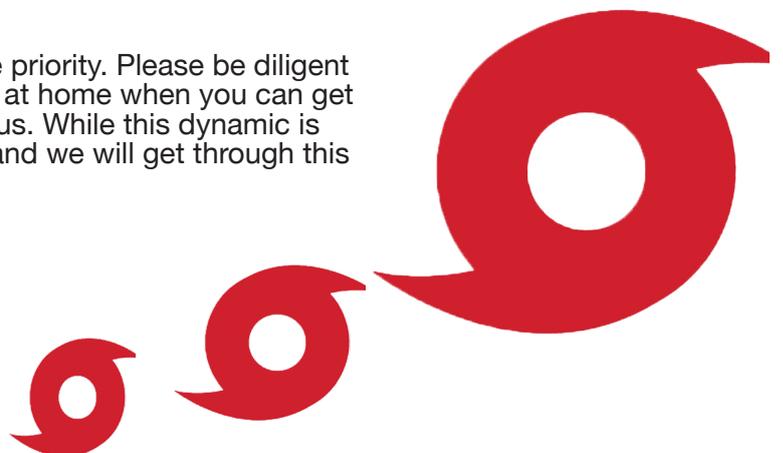


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UNDERSTANDING HURRICANE TERMINOLOGY

TROPICAL CYCLONE - A rotating, organized system of clouds and thunderstorms that originates over tropical or subtropical waters and has a closed low-level circulation. Tropical cyclones rotate counterclockwise in the Northern Hemisphere.

TROPICAL DEPRESSION - A tropical cyclone with maximum sustained winds of 38 mph (33 knots) or less.

TROPICAL STORM - A tropical cyclone with maximum sustained winds of 39 to 73 mph (34 to 63 knots).

HURRICANE - A tropical cyclone with maximum sustained winds of 74 mph (64 knots) or higher. In the western North Pacific, hurricanes are called typhoons; similar storms in the Indian Ocean and South Pacific Ocean are called cyclones.

MAJOR HURRICANE - A tropical cyclone with maximum sustained winds of 111 mph (96 knots) or higher, corresponding to a Category 3, 4, or 5 on the Saffir-Simpson Hurricane Wind Scale.

POST-TROPICAL CYCLONE - A system that no longer possesses sufficient tropical characteristics to be considered a tropical cyclone. Post-tropical cyclones can still bring heavy rain and high winds.

#DAVIEPREPARES

Find information from the Town of Davie Online at www.davie-fl.gov.

Follow us on Social Media for more updates.

Town of Davie | @townofdavie

Davie Fire Rescue | @daviefirerescue

Davie Police Department | @daviepolice



EMERGENCY ALERTS

Subscribe to eNotifications sent via email before, during and after a storm.

Register at www.davie-fl.gov/alertdavie or text the word **ALERTDAVIE** to 888-777



HURRICANE HAZARDS

STORM SURGE A Storm Surge is a large dome of water often 50 to 100 miles wide that sweeps across the coastline near where a hurricane makes landfall. Nine out of 10 hurricane fatalities are attributed to storm surge.

EXTREME WIND An Extreme Wind Warning will be issued if sustained winds of 115 mph or greater are expected to begin in a specific area within the hour.

RAIN Hurricanes are storms comprised of wind and rain, which can be heavy and lead to isolated floods as well as flash floods.

TROPICAL STORM WATCH A tropical cyclone containing sustained winds of 39-73 mph is possible in the next 48 hours.

TROPICAL STORM WARNING A tropical cyclone containing sustained winds of 39-73 mph is expected in the next 36 hours.

HURRICANE WATCH Hurricane conditions (a tropical cyclone containing sustained winds of 74 mph or more) are possible within 48 hours. A watch lets you know that conditions are favorable for a hazard to occur and allows you to prepare.

HURRICANE WARNING Hurricane conditions are expected within 36 hours. A warning is an urgent message that indicates that a weather hazard is imminent.

Source: A PREPAREDNESS GUIDE - U.S. DEPARTMENT OF COMMERCE, National Oceanic and Atmospheric Administration, National Weather Service

HOW TO STAY SAFE: WHEN A HURRICANE THREATENS

Prepare NOW

Know your area's risk of hurricanes. Sign up for our community's warning system, Alert Davie (see page 3). 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 signs such as heavy rain. Practice going to a safe shelter for high winds, such as a FEMA safe room. 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.

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.*

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 **ONLY** outdoors 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 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.

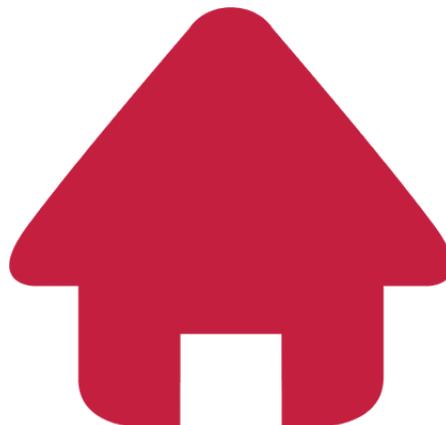
Do not touch electrical equipment if it is wet or if you are standing in water. If it is safe to do so, turn off electricity at the main breaker or fuse box to prevent electric shock.

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.

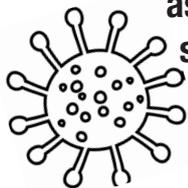
**To learn more about a FEMA safe room or an ICC 500 storm shelter, visit www.fema.gov*



COVID-19

COVID-19 is a respiratory disease caused by a new, or novel, coronavirus. It has the potential to cause severe illness and pneumonia in some people. It will be crucial for everyone to take this virus into consideration when making your emergency plans this year.

Your first priority should be to protect yourself from a potential hurricane if an evacuation is issued for your area. Know ahead of time where you will go if storms threaten your home and family. It is best for you to shelter with friends, with family, or at a hotel far inland. Certainly, wherever you choose to protect yourself from a hurricane, you should use as many precautions



as possible to limit the spread of COVID-19 the best you can.

POWER POINTERS

- Do not attempt to tie generators into the house circuit. This could be dangerous to you and your neighbors, and to linemen. Plug appliances directly into the generator
- Should the power go out while you are cooking, remember to turn the stove off and remove any cookware from the cooking surfaces and oven.
- Do not open refrigerators or freezers during an outage unless absolutely necessary. Repeated openings cause the cold air to escape and food to thaw more quickly.
- If you smell gas, leave your home immediately.



HURRICANE NAMES

2020

Arthur	Laura
Bertha	Marco
Cristobal	Nana
Dolly	Omar
Edouard	Paulette
Fay	Rene
Gonzalo	Sally
Hanna	Teddy
Isaias	Vicky
Josephine	Wilfred
Kyle	

2021

Ana	Larry
Bill	Mindy
Claudette	Nicholas
Danny	Odette
Elsa	Peter
Fred	Rose
Grace	Sam
Henri	Teresa
Ida	Victor
Julian	Wanda
Kate	

BEFORE THE STORM

WATER Fill aluminum or plastic containers with potable water once a hurricane warning is announced. Plan for at least one gallon per person, per day for three to seven days. In addition, keep other containers two-thirds full of potable water and place them in the freezer for ice after a storm.

GRASS CLIPPINGS Landscapers and residents should never blow grass clippings onto sidewalks, streets and storm drains, as that can lead to street flooding. Instead, they should be bagged or blown back onto the lawn where they can serve as natural mulch.

TREE PRUNING Do not begin any pruning or cleanup activities or place trash on the curb during a tropical storm, hurricane watch or

warning. Properly pruning trees and shrubs BEFORE hurricane season can reduce the debris generated during a storm. Proper tree pruning also increases the likelihood that a tree can weather a storm. Make sure to consult or hire a certified and licensed arborist prior to pruning trees.

TRASH PICKUP If a storm is approaching, please do not prune trees or shrubs. Bulk trash services may be suspended as a storm approaches the area. If you place out bulk waste and services are suspended, you must secure your bulk waste as it can be flying projectiles during a storm.

PREPARE YOUR CAR Your car's gas tank should be full before a storm arrives in case you need to

leave your house. Lines get long at gas pumps ahead of a storm, so take this step as early as possible.

CREATE A "GO-KIT" See page 11. Include items that can help protect you and others from COVID-19, such as hand sanitizer, or bar or liquid soap if not available, and two cloth face coverings for each person. Face covers should not be used by children under the age of 2. They also should not be used by people having trouble breathing, or who are unconscious, incapacitated, or unable to remove the mask without assistance.

Upon activation of the Town of Davie Emergency Operations Center, all key service update information will be posted on www.davie-fl.gov

VULNERABLE POPULATION REGISTRY

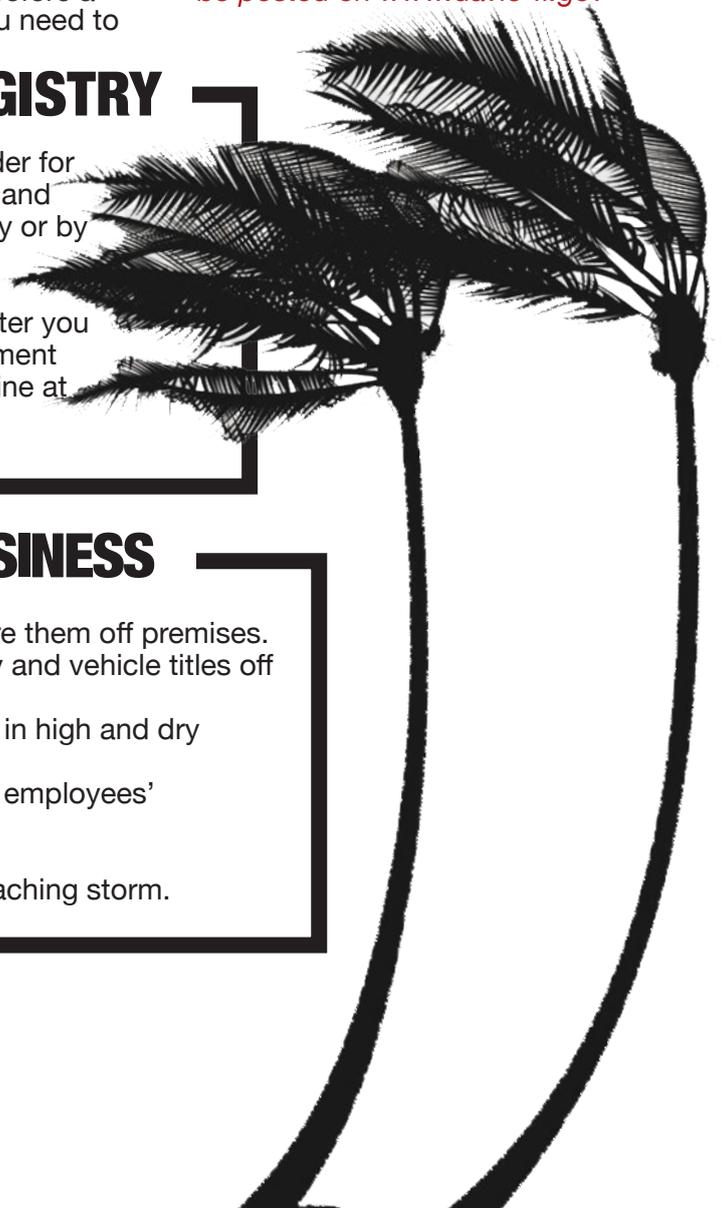
Residents with special needs may sign-up for the VPR in order for the Town of Davie to perform a welfare check on you before and after a storm. You can register online at Broward.org/Registry or by calling 311 or 954-831-4000.

If you have medical needs or require transportation to a shelter you must pre-register with Broward County Emergency Management to be assigned to a Special Needs Shelter by registering online at Broward.org/AtRisk or by calling 954-831-3902.

HURRICANE-PROOF YOUR BUSINESS

- Make multiple backups of critical computer data and store them off premises. Keep checks, purchase orders, financial records, property and vehicle titles off the premises as well.
- Unplug and wrap all electronics in plastic and store them in high and dry places.
- Have a communication plan in place and make sure your employees' emergency contact information is current.
- Take "before" and "after" pictures to aid in any claims.
- Allow employees adequate time to prepare for the approaching storm.

#STAYSAFEDAVIDE



DURING THE STORM

When in a Watch Area...

- Frequently listen to radio, TV, or NOAA Weather Radio for official bulletins of the storm's progress.
- Fuel and service family vehicles.
- Inspect and secure mobile home tie downs.
- Prepare to cover all window and door openings with shutters or other shielding materials.

When in a Warning Area...

- Closely monitor radio, TV, or NOAA Weather Radio for official bulletins.
- Complete preparation activities, such as putting up storm shutters, storing loose objects, etc.
- Obtain and store materials, such as plywood, necessary to properly secure your home.
- Clear loose and clogged rain gutters and downspouts.
- Keep trees and shrubbery trimmed.
- Determine where to move your boat in an emergency.
- Review your insurance policy.
- Check batteries and stock up on canned food, first aid supplies, drinking water, and medications.
- Prepare to bring inside lawn furniture and other loose, light-weight objects, such as garbage cans, garden tools, etc.
- Have on hand an extra supply of cash.
- Follow instructions issued by local officials. Leave immediately if told to do so!
- If evacuating, leave early (if possible, in daylight). Stay with friends or relatives or go to a predesignated public shelter outside a flood zone.

Plan to evacuate if you...

- Live in a mobile home. They are unsafe in high winds no matter how well fastened to the ground.
- Live in an area that is prone to flooding, an offshore island, or near a river or a flood plain.
- Notify neighbors and a family member outside of the warned area of your evacuation plans.
- Put food and water out for a pet if you cannot take it with you. Public health regulations do not allow pets in public shelters, nor do most hotels/motels allow them.
- Individuals with special needs or others requiring more information should contact their local National Weather Service office, emergency management office, or American Red Cross chapter.

Reminder, If you are told to leave, do so immediately!

If Staying in a Home...

- Only stay in a home if you have NOT been ordered to leave. Stay inside a well-constructed building. In structures, such as a home, examine the building and plan in advance of what you will do if winds become strong. Strong winds can produce

deadly missiles and structural failure.

If winds become strong...

- Stay away from windows and doors even if they are covered. Take refuge in a small interior room, closet, or hallway.
- Close all interior doors. Secure and brace external doors.
- If you are in a two-story house, go to an interior first-floor room, such as a bathroom or closet.
- If you are in a multiple-story building and away from the water, go to the first or second floors and take refuge in the halls or other interior rooms away from windows.
- Lie on the floor under a table or another sturdy object.
- Turn refrigerator to maximum cold and open only when necessary.
- Turn off utilities if told to do so by authorities.
- Turn off propane tanks.
- Unplug small appliances.
- Fill bathtub and large containers with water for sanitary purposes.

GENERATOR SAFETY

Generators are useful when temporary or remote electric power is needed, but they also can be extremely dangerous. Hazards include carbon monoxide poisoning from toxic engine exhaust, electric shock, electrocution and fire.

- When installing a permanent generator, be sure to obtain the necessary permits and have a licensed electrician do the installation.
- Use the generator according to the manufacturer's instructions.
- Place portable generators outside in a well-ventilated area, NEVER inside a home including garages, basements or crawl spaces.
- You cannot see or smell carbon monoxide. If you start to feel sick, dizzy or weak while using a generator, get outside to fresh air immediately.
- Install battery-operated or plug-in carbon monoxide alarms with battery back-up in your home.
- Do not refuel a generator while it is running.
- Do not store fuel indoors.
- Do not connect a portable generator directly to your house because the power you generate may flow back into power lines and cause damage or injure power workers.

Source: National Oceanic Atmospheric Administration

AFTER THE STORM

STAY OUT OF FLOODWATER.

Always follow warnings about flooded roads. Don't drive in flooded areas—cars or other vehicles won't protect you from floodwaters. They can be swept away or may stall in moving water.

NEVER USE A WET ELECTRICAL DEVICE.

Turn off the power at the main breaker in your house if the device is still plugged in. Wait for an electrician to check the device before using it.

IF THE POWER IS OUT, use flashlights instead of candles. If you have to use candles, keep them away from anything that can catch fire. Always stay near lit candles. Keep a fire extinguisher handy, and make sure your family knows how to use it.

PREVENT CARBON MONOXIDE POISONING.

Fuel-burning equipment creates carbon monoxide (CO). This can include equipment like generators, pressure washers, charcoal grills, and camp stoves. You can't smell or see

carbon monoxide, but if it builds up in your home, it can cause sudden illness and death.

BE CAREFUL NEAR DAMAGED BUILDINGS.

Do not enter a damaged building until local authorities determine it is safe. Hurricanes can damage buildings and make them unsafe. Leave your home or building if you hear shifting or unusual noises. Strange noises could mean the building is about to fall.

STAY AWAY FROM POWER LINES.

Watch out for fallen power lines that may be hanging overhead. Stay clear of fallen power lines. Call FPL at 800-800-468-8243 to report them.

PROTECT YOURSELF FROM ANIMALS AND PESTS.

Use insect repellent (bug spray) with DEET or picaridin. Wear long sleeves, pants, and socks when you're outside.

DRINK SAFE WATER. EAT SAFE FOOD.

Throw away food that may have come in contact with flood or

storm water. Unsafe food can make you sick even if it looks, smells, and tastes normal. Throw away perishable foods that have not been refrigerated properly due to power outages; also discard foods with an unusual odor, color, or texture. When in doubt, throw it out.

WASH YOUR HANDS. Good basic personal hygiene and handwashing are critical to help prevent the spread of illness and disease. Clean, safe running water is essential for proper hygiene and handwashing. Hygiene is especially important after an emergency like a hurricane, but finding clean, safe running water can sometimes be hard.

Upon activation of the Town of Davie Emergency Operations Center, all key service update information will be posted on www.davie-fl.gov

Source: Center for Disease Control and Prevention

SHELTER INFORMATION

Shelter Guidelines During COVID-19

Practice social distancing. Stay at least 6 feet (about 2 arms-length) from other people outside of your household.

- Follow CDC COVID-19 preventive actions—wash your hands often, cover coughs and sneezes, and follow shelter policies for wearing cloth face coverings. Avoid sharing food and drink with anyone if possible.
- Follow disaster shelter policies and procedures designed to protect everyone in the shelter, particularly older adults (65 and older) and people of any age who have serious underlying medical conditions. These people are at higher risk for severe illness from COVID-19.
- Avoid touching high-touch surfaces, such as handrails, as much as possible. If not possible, wash hands or use hand sanitizers containing at least 60% alcohol immediately after you touch these surfaces.
- Keep your living area clean and disinfect frequently-touched items such as toys, cellphones, and other electronics.
- If you feel sick when you arrive at the shelter or start to feel sick while sheltering, tell shelter staff immediately.

The general population shelter in Davie is:

Fox Trail Elementary School
1250 Nob Hill Road, Davie FL 33324

Service animals are permitted in general population shelters as long as the pet meets the requirements under federal law.

The nearest pet friendly shelters are:

Falcon Cove Middle School
4251 Bonaventure Blvd., Weston FL 33332

Everglades High School
17100 SW 48 Court, Miramar, FL 33027

FOR THE LOVE OF DAVIE, FILL OUT YOUR CENSUS!

WHAT IS THE CENSUS?

Every 10 years, the federal government conducts a population count of everyone in the United States. Data from the census provides the basis for distributing more than \$675 billion in federal funds annually to communities across the country to support vital programs—impacting housing, education, transportation, employment, health care, and public policy. They also are used to redraw the boundaries of congressional and state legislative districts and to accurately determine the number of congressional seats each state has in the U.S. House of Representatives.

WHY SHOULD I COMPLETE THE 2020 CENSUS?

Federal funds, grants, and support to states, counties, and communities are based on population totals and breakdowns by sex, age, race, and other factors. Your community benefits the most when the census counts everyone.

When you respond to the census, you help your community get its fair share of the more than \$675 billion per year in federal funds spent on schools, hospitals, roads, public works, and other vital programs.

HOW CAN I FILL OUT MY 2020 CENSUS?



Online By Phone By Mail

Every household will have the option of responding online, by mail, or by phone.

- To complete the Census online, visit my2020census.gov.
- To complete the Census over the phone, dial 844-330-2020 (844-468-2020 for Spanish).

WHERE CAN I LOCATE MY CENSUS ID?

If you do not have a census ID for your residence, visit my2020census.gov and select "If you do not have a Census ID, click here."

WHAT WILL I BE ASKED?

You will be asked a few simple questions, like age, sex, and the number of people who live in your home, including children.

WHAT WON'T BE ASKED?

The census will never ask for Social Security numbers, bank or credit card numbers, money or donations, or anything related to political parties.

IS MY INFORMATION SAFE?

Your responses to the 2020 Census are safe, secure, and protected by federal law. Your answers can only be used to produce statistics. They cannot be used against you by any government agency or court in any way—not by the FBI, not by the CIA, not by the DHS, and not by ICE.

FOR MORE INFORMATION, VISIT:
2020CENSUS.GOV



SPECIAL PREPARATIONS FOR THE DISABLED

If you have a disability or special needs, your emergency plans must fit your unique circumstances. Plan ahead with your friends, family, and physicians.

- Talk to your physician or health care provider about a realistic plan for your safety.
- Carefully evaluate your shelter options and make plans in advance. Reasonable modifications will be made for shelter residents with disabilities in accordance with the Americans with Disabilities Act (ADA).
- If you undergo routine treatments (such as dialysis), are a home healthcare client, or require oxygen supplies, call your service provider to discuss plans for continuing service for you in an emergency.
- Create a Personal Information Card with all your health information (doctors, insurance policies, medications, etc.).
- Place identification labels on any medical support equipment you would take to a shelter with you, such as wheelchairs, walkers, and nebulizers.
- If you have a service animal, make sure the animal has a collar with identification.
- Have proof that the animal's vaccinations are up to date, and a copy of written instructions for your animal's care.
- Collect your emergency supplies of prescription and non-prescription medications on hand, especially during hurricane season (June 1st through November 30th).
- Visit Broward.org/Hurricane and select "RESIDENTS AT RISK" for more tips.
- Register for the vulnerable population registry. Details on page 6.

HOW TO MAKE YOUR OWN NO SEW FACE COVERING

STEP 1:



Cut 7-8 inches off from the bottom.

STEP 2:



Cut out, leaving 6-7 inches from end - cut out or coffee filter can be used as an extra layer of filtration.

Cut tie strings.

STEP 3:



Tie the top strings above the head.

Then bottom strings over head.

HURRICANE

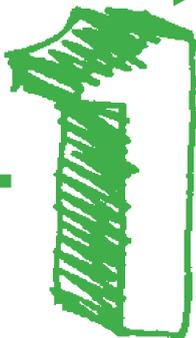
Activities

FOR KIDS

Hurricane Snack Time!

Peanut Butter Roll Sandwich

1. Flatten out a slice of sandwich bread with your hands, be sure to wash your hands first!
2. Spread peanut butter on the bread.
3. Roll it up and you've now got a fun-shaped snack!
4. If you have a favorite jelly, dunk your new sandwich roll in the sauce.



Make Your Own Family Game Night

If your electricity runs out during the storm, gather the family for a night of puzzles, and board games!

Fun Tip: Before the hurricane, search for fun new card games and print them out or make your own! Get a free printable card game by FEMA at www.ready.gov/ready-2-help, be sure to ask an adult for permission first.



Did Someone Say, Scavenger Hunt?

Search for treasure with an indoor scavenger hunt!

Some ideas to hide around the house are puzzle pieces, stuffed animals, and hurricane snacks. Make it more challenging by searching it with or without a flashlight!



FLOOD HAZARD

INFORMATION

By: Phillip R. Holste,
Assistant Town Administrator

Congress created the National Flood Insurance Program (NFIP) in response to the rising cost of taxpayer-funded disaster relief for flood victims. The NFIP makes federally backed flood insurance available in communities that agree to adopt and to enforce floodplain management ordinances to reduce further flood damage. In addition, the NFIP's Community Rating System (CRS) rewards community floodplain management activities that exceed program standards with flood insurance premium discounts for those communities.

The Town of Davie has participated in the CRS Program since 1992. Through the annual accreditation process, the Town is a Class 7 community, which gives Davie residents living in a special flood hazard area (SFHA) a 15% discount on their flood insurance. Residents living in a non-SFHA zone receive a 5% discount.

FEMA FLOOD MAPS

Residents and businesses are encouraged to review the Federal Emergency Management Agency (FEMA) flood maps to better understand their potential flood risk and to help identify steps that they may need to take to protect against property damage and loss.

The flood maps can be accessed on the Town of Davie homepage at www.davie-fl.gov. Go to the Community tab and select flood map under Local Flood Hazard. The Town can also provide you a flood zone determination for your property based on the latest FEMA flood map by calling the Engineering Division at 954-797-1113. The Engineering Division can also provide information regarding historical flood information and identified wetlands for your neighborhood.

LOCAL FLOOD HAZARD

A large portion of the Town of Davie is located within an environmentally sensitive drainage region known as the C-11 basin. The stormwater runoff for this basin flows through secondary canals into the C-11 canal. For areas east of Nob Hill Road, the C-11 canal drains into the Atlantic Ocean. For areas west of Nob Hill Road, runoff is pumped into the Everglades.

The most recent demonstration of Davie's flood hazard occurred with Hurricane Irma and the heavy rains of June 2017. Davie received extensive rainfall that inundated the drainage system. In response to this event, the Town is conducting drainage studies and is undertaking improvements throughout Davie, including Shenandoah, Vista Filare, Oak Hill, Forest Ridge, Little Country Estates, and Grove Estates. In addition, the Community Redevelopment Agency (CRA) recently completed a master stormwater system for the Playland Village Community.

In 2017, the Town Council approved a stormwater master plan to address flood prone areas in cooperation with our drainage partners, including Central Broward Water Control District and the South Florida Water Management District. The master plan priorities include mitigation of flood-prone areas; maintenance of a functional stormwater drainage system; compliance with current and future regulatory requirements and permits; maintaining the health and quality of life for residents; and water-quality concerns. The study provides recommendations to accomplish the priorities through capital infrastructure improvements and defined funding for operating needs.

FLOOD INSURANCE

Standard homeowner's insurance policies do not cover losses due to floods. Flood insurance is available to any owner of insurable property (a building or its contents). Renters may also insure their personal property against flood loss. The average annual premium for flood insurance is \$420. The actual cost will vary depending upon the amount of coverage and the degree of the flood hazard. Residents

can purchase policies up to \$250,000 for their homes and \$100,000 for contents. Nonresidential structures can be protected up to \$500,000 for the structure and \$500,000 for contents. We urge people who live or own property in flood-hazard areas to purchase flood insurance to protect themselves from losses due to flooding. There is a 30-day waiting period before NFIP coverage takes effect. Please note that flood insurance is required for properties with a federally backed mortgage. This insurance is especially poignant since there is a 26% chance of experiencing a flood during the life of a 30-year mortgage.

PROPERTY PROTECTION MEASURES

Property protection measures, including retrofitting, should be taken with the onset of a flood or if your home is susceptible to flooding. If flooding is likely and time permits, move essential items and furniture to the upper areas of your home.

Keep materials like sandbags, plywood, plastic sheeting, and lumber handy for emergency waterproofing. This action will help to minimize the amount of property damage caused by floodwaters.

Retrofitting involves the modification of surrounding terrain and your home to reduce the risk of flooding. Surrounding terrain modifications include the installation of an earthen berm or small floodwall.

Home modifications include raising the home, waterproofing the walls, and elevating electrical panel boxes, furnaces, water heaters, and washers and dryers to locations less likely to be flooded. Engineering staff is available to conduct site visits of your property and to provide specific advice regarding flood protection for your property.

FEMA grants may be available to assist residents in retrofitting their homes. For more information, contact the Engineering Division at 954-797-1113, or visit www.FEMA.gov.

NATURAL AND BENEFICIAL FUNCTIONS

State regulations protect those natural areas that help to reduce the risks associated with flooding. When portions of floodplains are preserved in (or restored to) their natural state, they provide many benefits to both human and natural systems. In particular, the Everglades Aquifer, which provides drinking water to the South Florida area, benefits from the preservation of natural areas. These benefits range from providing aesthetic pleasure to reducing the number and the severity of floods, to helping handle stormwater runoff, and minimizing nonpoint water pollution. Nonpoint is the opposite of a direct pipe or point pollution discharge. For example, by allowing floodwater to slow down, and sediments settle out, thus maintaining water quality. The natural vegetation filters out impurities and uses excess nutrients.

FLOOD WARNING SYSTEM

The Town recently received the designation as a StormReady community. This program recognizes communities that take a proactive approach to disseminating timely information regarding local hazardous weather conditions. The Town works cooperatively with the Broward County Office of Emergency Management and the National Weather Service to relay updates of threatening weather to government and media outlets. Flood warnings or watch advisories are issued through local radio and TV stations. These advisories are broadcast on radio (including WIOD 610 AM and WFTL 1400 AM), television (including WFOR-Channel 4, WTVJ-Channel 6, WSVN-Channel 7, and WPLG-Channel 10), and other media outlets.

The Town also has an information hotline that provides details on advisories relating to emergencies, including hurricanes. This hotline is updated as necessary and can be reached at 954-797-1122.

FLOOD SAFETY

You should consider the following to minimize loss to your home and to ensure your family's safety:

Q: WHAT SHOULD I DO BEFORE A FLOOD?

- Take photos or videos of your important possessions.
- Post emergency telephone numbers by the phone, and teach children to dial 911.
- Plan and practice a flood evacuation route with your family.
- Establish an out-of-state "family contact person," and ensure that everyone in your family knows that person's name, address, and phone number.
- For drains, toilets, and other sewer connections, install backflow valves or plugs to prevent floodwaters from entering.

Q: WHAT SHOULD I DO DURING A FLOOD?

- Fill bathtubs, sinks, and jugs with clean water.
- Listen to a battery-operated radio to keep you informed.
- If instructed, turn off all utilities at the main power switch and the main gas valve.
- If told to evacuate your home, do so immediately.
- If waters start to rise inside your house, retreat to the highest floor, attic, and, if necessary, the roof.
- If you have come in contact with floodwaters, wash your hands with soap and water.
- Avoid walking through floodwater; as little as six inches of moving water can knock you off your feet.
- Do not drive through a flooded area. If you come upon a flooded road, take another route.
- Stay away from downed power lines or electrical wires.
- Look out for animals.

Q: WHAT SHOULD I DO AFTER A FLOOD?

- If your home has suffered damage, call your insurance agent.
- Take photos of any water in the house, and save damaged personal property for insurance purposes.
- Check for structural damage before reentering your home, and do not enter if a portion of the building has collapsed.
- Upon reentering your property, do not use matches and cigarette lighters since gas may be trapped inside. If you smell gas or hear hissing, open a window, quickly, exit the property and call the gas company from a neighbor's home.
- Keep power off until an electrician has inspected your system for safety.
- Check for sewage and waterline damage. If you suspect damage, avoid using the tap, and call a plumber.
- Throw away any food – including canned goods – that has come in contact with floodwater.
- Until local authorities declare your water supply to be safe, boil water for drinking and preparation.

FLOODPLAIN DEVELOPMENT PERMIT REQUIREMENTS

The Town of Davie has adopted regulations on floodplain development. The regulations control the alteration of the natural floodplains; prevent or regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards in other areas; restrict or prohibit uses which may result in damaging increases in erosion or in flood heights or velocities; and control filling, grading, dredging, and other development which may increase flood damages.

Davie regulates development through the review process whereby building and engineering permits are required prior to construction, filling, or otherwise altering the natural elevations of a site. Prior to commencing site development or construction work, it is recommended that the Engineering Division be contacted at 954-797-1113. To report illegal floodplain development, please contact the Engineering Division. Elevation certificates are required as part of the permitting process for all newly constructed or substantially improved buildings in Davie. The certificate

documents and the base flood elevation (BFE) of new buildings are available to any inquirers. To find out if an elevation certificate has been completed for your property, call the Building Division at 954-797-1111.

SUBSTANTIAL IMPROVEMENT/DAMAGE REQUIREMENTS

According to the Florida Building Code, a substantial improvement is defined as "any repair, reconstruction, or improvement of a structure, the cost of which equals or exceeds 50% of the market value of the structure before the repair is started or if the structure is damaged and is being restored before the damage occurred." Substantially improved buildings must meet the same construction requirements as a new building. Similarly, damaged buildings, where the repair will cost 50% or more of the original building value before the damage occurred, must be brought up to current building code and floodplain management regulations. The floodplain management regulations include that the lowest finished floor must be at or above the BFE. The Town building officials make the determination as to whether a structure is considered substantially improved or substantially damaged.

DRAINAGE SYSTEMS MAINTENANCE

The Town is served by a manmade system of primary and tributary canals and swale areas that was constructed originally to drain the Everglades and now to accommodate the flow of water for stormwater management purposes. These drainage features are critical to the success of water management practices which are incorporated into the development review process. State law prohibits dumping or unauthorized obstructions or alterations of the drainage canals or swale areas. Illegal dumping can lead to clogged swales and canals that will not properly carry water away during a rain event. To report illegal dumping, please contact Code Compliance at 954-693-8237.

The Town's canal system is maintained on a regular basis by the local drainage districts. These districts include the Central Broward Water Control District, the South Broward Drainage District, the South Florida Water Management District, and the Tindall Hammock Drainage District.

The Public Works Department conducts an annual inspection of the drainage system to ensure proper maintenance. To report a drainage problem, residents can contact the Public Works Department at 954-797-1240 or can submit their concerns through the Town's website, www.davie-fl.gov

MORE INFORMATION

Visit FloodSmart.gov and Ready.gov for additional flood-related information, including a list of flood insurance companies in the state of Florida, processing of filing a letter of map revision, property protection measures, and flood-safety tips.

The Town's flood information library is located at the Davie-Cooper City Library, 4600 S.W. 82nd Avenue, Davie, FL 33328. The library can be reached at 954-680-0050 or at browardlibrary.org. This library contains FEMA publications, Flood Insurance Rate Maps (FIRMs), and other flood-related documents. Residents can access the Town's flood website by clicking on the "Local Flood Hazard Information" link on the Town's homepage, www.davie-fl.gov. If you would like to see real-time site readings from the regional water pumps, please go to <https://bit.ly/2wIVRgS>



TEN-STEP FAMILY PLAN

STEP 1: Hold a family meeting.

Discuss the hazards of hurricanes. Encourage children to talk about their fears, and explain some of the things you will be doing to keep everyone safe. Start a written list of things you will need to take care of, and encourage everyone in the family to contribute their ideas.

STEP 2: Discuss shelter options.

Discuss whether you will need to evacuate. All mobile homes are considered to be in an evacuation zone and if the order to evacuate is given, all Davie residents who reside in mobile homes must comply. Going to a family member or a friend's house or hotel outside the evacuation area is your best choice. If you choose to go out of town, do so well in advance of the storm. Since shelters provide for only basic needs, this should be your choice of last resort.

STEP 3: Ensure your assets are protected.

Inventory your home possessions and video or photograph items of value. Review your insurance policies to ensure you have adequate coverage.

STEP 4: Assess your home for vulnerable areas.

Do a walk-through of your home and property to evaluate your roof, windows, garage door, landscaping, etc., and determine what actions you will take.

STEP 5: Make a plan to protect your vehicles.

Decide where you will store or park your vehicle, boat, or RV. Check your vehicle insurance policy, and keep it in the same safe place as your homeowner's policy.

STEP 6: Secure your home.

Decide what actions you will need to take to protect your home and your property (shutters, generator, trim trees) and to keep as comfortable as possible during recovery.

STEP 7: Determine whether anyone in your home has special needs. Discuss whether anyone in your home is elderly or has special needs and if so, make arrangements in advance to accommodate those needs.

STEP 8: Make a plan for your pet.

Determine how you will address your pet's needs, and make a plan for your pet in case you have to evacuate. Be sure to plan for large animals, such as horses.

STEP 9: Gather your supplies.

Determine your family's food, water, and medical needs, and assemble your hurricane kit according to those needs.

STEP 10: Notify others of your plan.

Let family or friends know what your hurricane plan is so that they can check on you in the aftermath of the storm. Establish an out-of-town contact.

HURRICANE EMERGENCY KIT

Checklist

- Drinking Water: At least one gallon per person per day for three to five days, preferably two weeks. Extra water is needed for food preparation and personal hygiene.
- Food: At least enough for three to five days, including non-perishable packaged or canned food, canned or shelf milk, cereal, etc.; ice and snack foods
- A three- to five-day supply of special items for babies such as formula, food, wipes, diapers; special foods for the elderly; toiletries and extra toilet paper
- Manual can opener/bottle opener
- Paper goods such as plates, bowls, napkins, towels, and plastic eating utensils
- Unscented household bleach and medicine dropper
- Extra bedding such as blankets, pillows, sleeping bag, etc. in case you must evacuate
- Clothing, including rain gear and sturdy shoes
- First aid kit
- Medicines/prescription drugs: A two-week supply
- Hand sanitizer
- Flashlight and extra batteries
- Battery-operated or hand-crank radio
- Disposable batteries, car charger or solar charger for your cell phone
- Hardline telephone with jack (not cordless)
- Books and games or toys
- Pet food, cat litter and other pet care items
- Tool kit including cord, rope, hammer, wood nails, saw, hatchet or axe, crowbar, chain saw blades, tarp, duct tape, and heavy work gloves
- Plastic trash bags and ties
- Extra resealable plastic storage bags, heavy-duty aluminum foil and disposable aluminum pans
- Extra charcoal or propane gas for outdoor cooking.
- Sterno can also be used. Never cook with any of these items inside your house. The smoke and fumes are deadly.
- Fire extinguisher (ABC type)
- Matches in a waterproof container
- Mosquito repellent with DEET, and sunscreen
- Hand sanitizer and face coverings
- Any special equipment or items you may need



Town of Davie
6591 Orange Drive
Davie, FL 33314
www.davie-fl.gov

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EMERGENCY PHONE NUMBERS

EMERGENCY 911

DAVIE SERVICES

Davie Resident Hotline (recorded 24-hour line) 954-797-1122
 Davie Fire nonemergency (8:30 a.m.-5:00 p.m. M-F) 954-797-1213
 Davie General Information (8:30 a.m.-5:00 p.m. M-F) 954-797-1000
 Davie Police nonemergency 24-hour line 954-693-8200
 Davie Public Works (7:30 a.m.-5:00 p.m. M-F) 954-797-1240
 Davie Temporary Horse Release (8:00 a.m.- 4:30 p.m. M-F) 954-797-1145
 Davie Water Utilities (8:30 a.m.-5:00 p.m. MF) 954-327-3742
 Davie Water Utilities Emergency-24 hours 954-327-3750
 Davie Trash and Bulk Service provided by Waste Management 954-974-7500
 Davie Bus Information..... 954-463-0845
 Davie Public Information Office 954-797-1102

BROWARD COUNTY SERVICES

Broward County 24-Hour Call Center 311 or 954-831-4000
 Broward County 24-Hour Help-Line for all South Florida first responders and their families, both retired and active, offering private and confidential assistance 1-855-768-3473 (FIRE)
 Broward County Animal Care & Adoption Center..... 954-359-1313
 Broward County Environmental and Consumer Protection Division 954-519-1260
 Broward County Services for Special Needs Shelter Registration954-831-3902/954-831-3940 (TTY for the hearing impaired)
 Broward County Emergency Management Division..... 954-831-3900
 Broward County School District Hotline 754-321-0321
 Humane Society of Broward County Pet Friendly
 Hurricane Shelter Registration 954-989-3977

STATE AND FEDERAL SERVICES

American Red Cross (Broward) 954-797-3800
 TOPS Paratransit Toll-Free Call Center1-866-682-2258/954-357-8302 (TTY for the hearing impaired)
 Department of Financial Services Hurricane Hot Line 1-800-22-STORM or (850) 413-3089
 Florida State Assistance Information Line (SAIL) 800-342-3557
 FEMA.....800-621-FEMA(3362)
 Price Gouging and Fraud866-966-7226
 Lemon Law Florida Toll Free 800-321-5366
 SalvationArmy (DONATIONS BY PHONE)800-725-2769

MISCELLANEOUS

WATER UTILITIES

Town of Davie Water Utility 954-327-3742
 Broward County Water & Wastewater Services 954-831-3250
 Ferncrest Water Utility 954-587-8833
 Fort Lauderdale Water Utility 954-828-5150
 Hollywood Water Utility 954-921-3938
 Sunrise Water Utility..... 954-746-3232
 Florida Power & Light 800-4-OUTAGE or 800-468-8243
 Reemployment Assistance Program1-833-FL-APPLY or (1-833-352-7759)
 Florida Department of Economic Opportunity 800-204-2418

LARGE ANIMAL HURRICANE RELEASE PROGRAM

The Town of Davie is currently accepting preregistration applications for the Temporary Horse Release Program for large animals. In order to qualify for the Temporary Release Program, you must be a Davie resident or your horse must be boarded in or live in Davie.

Once a hurricane warning has been issued, the site will open for preregistered horses only. This site will reopen to retrieve your horses when the winds have subsided to a maximum of 40 mph. You are encouraged to visit the site for yourself before completing your preregistration form to determine whether you feel it is safer than your current situation.

Preregistration forms are available by contacting Anna Francis at 954-797-1153, anna_francis@davie-fl.gov, or by downloading an application and other important information by visiting www.davie-fl.gov.

PET-FRIENDLY RED CROSS SHELTER

A pet-friendly shelter operated by the American Red Cross and the Broward County Humane Society is available to residents with pets who either live in an evacuation area or in a mobile home anywhere in Broward County. Preregistration is required. Call 954-989-3977.



**STAY IN THE KNOW:
 SIGN UP FOR TOWN OF DAVIE
 EMERGENCY ALERTS AT
 WWW.DAVIE-FL.GOV**

**HURRICANE SEASON IS
 JUNE 1 TO NOVEMBER 30.
 STAY PREPARED.**