# HURRICANE PREPAREDNESS

2024



June 1st through November 30th

## What is a Hurricane?

A hurricane is a type of storm called a **tropical cyclone**, which forms over tropical or subtropical waters. A tropical cyclone is a rotating low-pressure weather system that has organized thunderstorms but no fronts (a boundary separating two air masses of different densities). Tropical cyclones with maximum sustained surface winds of less than 39 miles per hour (mph) are called tropical depressions. Those with maximum sustained winds of 39 mph or higher are called tropical storms. When a storm's maximum sustained winds reach 74 mph, it is called a hurricane.

http://www.nhc.noaa.gov/aboutsshws.php

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Collier County Emergency Management Department 8075 Lely Cultural Parkway Naples, FL 34113

www.collieremergencymanagement

## **HURRICANE CATEGORIES**

SAFFIR-SIMPSON SCALE



#### 74-95mph

- Roof damage
   Large branches will snap & trees may topple
- Potential damage to power lines



#### 96-110mph

- Major roof damage
   Trees will be snapped or uprooted
- Near-total power loss is expected



#### 111-129mph

- Household structure damage
   Trees will be
- snapped or uprooted
- Electricity & water will be unavailable for days to weeks

FLORIDADISASTER.ORG/PLANPREPARE



### 130-156mph

- Severe household structure damage
   Trees will be
- snapped or uprooted
  - Power outages will last weeks to months



#### 157+ mph

- Extreme household structure damage
- Fallen trees will isolate residential
  - Power outages will last weeks to months



## New Saffir-Simpson Hurricane Scale

| Tropical Depression 38 mph or less Tropical Storm 39 - 73 mph Category 1 74 - 95 mph Category 2 96 - 110 mph Category 3 111 - 129 mph Category 4 130 - 156 mph                            | New Janni-Jimpa     | on number ocale    |
|---|---------------------|--------------------|
| Tropical Storm       39 - 73 mph         Category 1       74 - 95 mph         Category 2       96 - 110 mph         Category 3       111 - 129 mph         Category 4       130 - 156 mph | DESIGNATION:        | WIND SPEED:        |
| Category 1 74 - 95 mph  Category 2 96 - 110 mph  Category 3 111 - 129 mph  Category 4 130 - 156 mph   | Tropical Depression | 38 mph or less     |
| Category 2 96 - 110 mph  Category 3 111 - 129 mph  Category 4 130 - 156 mph   | Tropical Storm      | 39 - 73 mph        |
| Category 3 111 - 129 mph Category 4 130 - 156 mph   | Category 1          | 74 - 95 mph        |
| Category 4 130 - 156 mph  | Category 2          | 96 - 110 mph       |
|   | Category 3          | 111 - 129 mph      |
|   | Category 4          | 130 - 156 mph      |
| Category 5 157 mph or greater   | Category 5          | 157 mph or greater |

## Saffir-Simpson Scale

**Click Here for Details** 

Category 1: Sustained winds of 74-95 mph. Storm Surge 4-5 ft.

Category 2: Sustained winds of 96-110 mph. Storm Surge 6-8 ft.

Category 3: Sustained winds of 111-129 mph. Storm Surge 9-12ft.

Category 4: Sustained winds of 130-156 mph. Storm Surge 13-18 ft.

Category 5: Sustained winds of 157+ mph. Storm Surge 18+ ft.

Hurricane Watch - A hurricane may strike your area within 24-48 hours.

## **Be Prepared This Season**

Residents are urged to develop a disaster preparedness plan before an emergency strikes. Plan in advance where you will stay, how you will get there and what supplies you will take.

- 1. Make arrangements with friends or relatives living in a non-evacuation area, check into a hotel located inland, or, as a last resort, use a public shelter (see evacuation pickup sites under EVACUATION).
- 2. Have a transportation plan for emergencies.
- 3. Tell family or neighbors where you would go to stay in case of an emergency.
- 4. Don't leave your pet(s) behind. Make arrangements with a kennel or friend to care for your pet(s). There are Hotels that will accept pets with prior registration.

When a hurricane or tropical storm threatens SW Florida, our local **Emergency Management Agency** will activate and will be in constant contact with the National Hurricane Center & local National Weather Service Offices that closely monitor the developing situation. Keep your eves and ears tuned to the radio/TV.



Storm Surge Considerations: Make your plans early for your response and decide whether you stay or seek shelter. Be aware; if you do not evacuate when ordered you will be without Fire rescue. law enforcement or emergency medical support until the water subsides.



## Disaster Preparedness Sales Tax Holiday

June 1-14, 2024 August 24-September 6, 2024 For a list of qualifying items, visit floridarevenue.com/DisasterPrep

## TROPICAL CLIMATE

- Tropical Depression: An organized system of clouds and thunderstorms with a defined surface circulation and maximum sustained winds \* of 38 mph (33kt\*) or less.
- Tropical Storm : An organized system of strong thunderstorms with a defined surface circulation and maximum sustained winds of 39-73 mph (34-36kt).
- Hurricane: An intense tropical weather system of strong thunderstorms with a welldefined surface circulation and maximum sustained winds of 74 mph (64 kt) or higher.

## **Preparation** is **Key**

- ✓ Determine your home's risk
- Develop a family communication
- Learn your evacuation route
- ✓ Assemble a disaster supplies kit
- ✓ Always follow instructions from local officials



Download the FEMA App for real-time weather alerts and preparedness tips:

READY.GOV/FEMA-APP

For questions about your FEMA application, call:

1-800-621-3362

## **DIGITAL TIP:**

**Enter your address here for** your wind risk:

hazards.atcouncil.org

## **Preparation Continued**

### 1. Stay informed:

- Monitor local weather updates from reliable sources, such as the National Weather Service or local news outlets.
- Sign up for emergency alerts and warnings provided by your county or city.

## 2. Create an emergency plan:

- Develop a family or community emergency plan that includes designated meeting points, communication methods, and evacuation routes.
- Assign responsibilities to individuals or groups, such as contacting elderly or vulnerable neighbors.
- Identify safe locations within your community, such as community centers or shelters.

## 3. Prepare an emergency supply kit:

- Stock up on essential items like non-perishable food, water (at least one gallon per person per day), medications, and baby supplies (if applicable) to last for several days.
- Include a first aid kit, flashlight, batteries, portable radio, and a manual can opener.
- Keep important documents, including identification, insurance papers, and medical records, in a waterproof and portable container.
- Consider filling up your bathtub as you may not have running water after the storm.
- Set your refrigerator and freezer to the coldest setting.

## 4. Secure your property:

- Reinforce windows and doors with storm shutters where appropriate.
- Secure or bring indoors any outdoor furniture, decorations, or loose items that could become projectiles in high winds.

### 5. Fuel and transportation:

- Keep your vehicles fueled and in good working condition.
- Identify alternative transportation options, such as public transportation or carpooling, in case evacuation becomes necessary.
- Store extra fuel safely in approved containers.

### 6. Backup power and communication:

- Consider purchasing a generator for backup power, and ensure it is properly installed and maintained. (If permitted)
- Update your Association's property manager with accurate phone numbers, email addresses and other addresses.
- Have extra batteries or portable power banks for your electronic devices.
- Charge all electronics and consider buying back up batteries.

# 7. Maintain a list of important contact numbers, including emergency services, local authorities, and neighbors.

- Evacuation planning:
- Stay updated on evacuation orders from local authorities and be prepared to leave if necessary.
- Plan your evacuation route in advance and share it with family members or neighbors.
- Pack essential items from your emergency supply kit, including important documents and medications, if you need to evacuate.
- Assistance for vulnerable populations:
- Check on elderly neighbors, individuals with disabilities, and those who may require special assistance during emergencies.
- Ensure they have a support system or a designated caregiver who can assist them during the hurricane.



## CLICK HERE



# DISASTER SUPPLY KIT CHECKLIST 📝



## General

| Two week minimum supply<br>of medication, regularly<br>used medical supplies, and<br>a list of allergies |
|--|
| A list of the style, serial<br>number, and manufacturer<br>information of required<br>medical devices    |
| Batteries  |
| Flashlights Do not use candles   |
| NOAA Weather Radio<br>Battery operated or hand<br>cranked  |
| Cash<br>Banks and ATMs may not<br>be available after a storm   |
| Cell phone chargers  |
| Books, games, puzzles or other activities for children   |

## **Phone Numbers**

| Maintain a list of important phone numbers including: |
|---|
| County emergency                                      |
| management office,<br>evacuation sites, doctors,      |
| banks, schools,                                       |
| veterinarian, a number for<br>out of town contacts,   |
| friends and family                                    |

## Clothing

| Rain gear such as jackets,<br>hats, umbrellas and rain<br>boots |
|---|
| Sturdy shoes or boots and work gloves                           |

## **Special Needs Items**

|  | Specialty items for infants small children, the elderly, |
|--|--|
|  | and family members with                                  |
|  | disabilities   |

## First Aid

| ☐ First Aid Manual   |
|--|
|  |
| <ul> <li>Sterile adhesive bandages<br/>of different sizes</li> </ul> |
| <ul> <li>Sterile gauze pads</li> </ul>                               |
| <ul> <li>Hypoallergenic adhesive tape</li> </ul>                     |
| ☐ Triangular bandages  |
| ☐ Scissors   |
| ☐ Tweezers   |
| ☐ Sewing needle  |
| ☐ Moistened towellettes  |
| ☐ Antiseptic   |
| ☐ Disinfectant wipes   |
| ☐ Hand sanitizer   |
| ☐ Thermometer  |
| ☐ Tube of petroleum jelly  |
| ☐ Safety pins  |
| ☐ Soap   |
| ☐ Latex gloves   |
| Sunscreen  |
| ☐ Aspirin or other pain reliever                                     |
| ☐ Anti-diarrheal medicine  |
| ☐ Antacid  |
| ☐ Laxative   |
| ☐ Cotton balls   |
| ☐ Q-tips   |

## **Food and Water**

| Food Nonperishable packaged or canned food and beverages, snack foods, juices, baby food, and any special dietary items to last at least 7 days |
|---|
| Water   |
| 1 gallon per person per day   |
| Non-electric can opener   |
| Paper plates  |
| Napkins   |
| Plastic cups  |
| Utensils  |

## **Important Documents**

| ☐ Insurance cards   |
|---|
| ☐ Medical records   |
| ☐ Banking information   |
| ☐ Credit card numbers   |
| Copies of social security cards   |
| <ul> <li>Copies of birth and/or marriage certificates</li> </ul>                            |
| ☐ Other personal documents  |
| Set of car, house, and office keys  |
| <ul> <li>Service animal I.D.,<br/>veterinary records, and proof<br/>of ownership</li> </ul> |
| Information about where you<br>receive medication, the<br>name of the drug, and<br>dosage   |
| ☐ Copy of Will  |
| *Items should be kept in a water<br>proof container   |

## Vehicle

| Keep your motor vehicle tanks filled with gasoline |
|--|
| tarks med with gasonie                             |

## **Pet Care Items**

| Pet food and water to last               |
|--|
| at least 7 days                          |
| Proper identification                    |
| Medical records/microchip<br>information |
| A carrier or cage                        |
| Muzzle and leash                         |
| Water and food bowls                     |
| Medications                              |
| Supplies for your service                |

Find more disaster preparedness tips at FloridaDisaster.org

## If an evacuation order is given:

- Check local evacuation routes to determine the best option for your destination.
- 2. Clean out refrigerator and freezer of perishables foods.
- 3. Turn off your main water supply.
- 4. Turn off your main electrical breaker.
- 5. Unplug all appliances.
- 6. Store all valuables and "priceless" items that you cannot take with you in a higher elevated location in your home to mitigate possible flood damage.

#### **IMPORTANT RESOURCES**

Collier County Emergency
Management Department
8075 Lely Cultural Parkway
Naples, FL 34113

www.collieremergencymanagement

#### **EMERGENCY RESPONSE**

**American Red Cross (Local Chapter)** 

(239) 596-6868

**Collier County Animal Services** 

(239) 252-7387

**Collier County Emergency Hotline** 

211 or (239) 252-8444

**Collier County Sheriff** 

(239) 252-9300

**Collier County Emergency Management** 

(239) 252-3600

**FEMA** 

(800) 621-3362

**FPL** 

(800) 468-8243

**LCEC** 

(800) 599-2356

# COLLIER COUNTY Emergency Operations Center (239) 252-3600

#### COLLIER COUNTY

**Emergency Operations Center** 

(239) 252-3600 Colliergov.net/em

#### PLEASE NOTE:

Listen to 96.9 WINK FM, 92.5 FOX News, Latino 97.7, WINK News on CBS or CW or winknews.com for additional shelter openings.

\*Pets are accepted at all of th elementary and middle schoolisted below.

#### IMMOKALEE

- Immokalee High School,
   701 Immokalee Dr.
- Immokalee Middle School, 401 N. 9th St.

## Click



## **Click**



#### NAPLES

- Big Cypress Elementary School, 3250 Golden Gate Blvd. W
- Corkscrew Elementary School, 1065 Oil Well Road
- Corkscrew Middle School, 1165 Oil Well Road
- Cypress Palm Middle School, 4255 18th Ave. NE
- Golden Gate Elementary School, 5055 SW 20th Place
- Golden Gate High School, 2925 Titan Way
- Golden Gate Middle School,
   2701 48th Terrace SW
- Golden Terrace Elementary School, 2711 44th Terrace SW
- Gulf Coast High School, 7878 Shark Way
- Laurel Oak Elementary School, 7800 Immokalee Rd.
- Mike Davis Elementary School, 3215 Magnolia Pond Dr.
- Oakridge Middle School, 14975 Collier Blvd.
- Palmetto Elementary School, 3000 10th Ave SE
- Palmetto Ridge High School, 1655 Victory Lane—Special needs shelter
  - Sabal Palm Elementary School, 4095 18th Ave NE
  - Vineyards Elementary School, 6225 Arbor Blvd, W

#### PLEASE NOTE:

Listen to local radio, television and visit

<u>https://www.colliercountyfl.gov/government/county-manager-operations/divisions/emergency-management/shelter-info</u> for additional shelter openings.



#### What the storm leaves behind:

After a hurricane, it will become necessary to separate your curb-side trash. Debris from the clean-up/recovery will be accepted by priority.

- As soon as roads are cleared, raw garbage such as animal, fruit or vegetable waste will be collected.
- The second priority will be normal household garbage including food waste.
- The third priority is yard waste.
   Place trees and branches in smaller piles that can be easily handled by collection personnel.
- Finally, the last priority will be construction debris such as lumber, roofing, concrete and similar materials.
- Your county may accept food waste at the local waste management facility. Contact the facility for drop-off hours.
- Do not block roads with trash.

#### Storm Debris Removal Information

- Charlotte: (941) 575-3600
- Collier: (239) 252-2380
- Unincorporated Lee: (239) 533-8000
- DeSoto: (863) 993-4831
- Glades: (863) 946-6020









## SEPARATING STORM DEBRIS





## After the storm has passed:

Before you return to the property, look to your local authority to provide guidance and instructions regarding when it is safe to return to your homes after a hurricane. They closely monitor the situation and assess the post-hurricane conditions, including infrastructure damage, power restoration, and potential hazards in the area. It is important to follow the instructions and updates provided through official channels such as emergency alerts, news outlets, and local government websites. They will communicate information about evacuation orders, road conditions, safety hazards, and when it is deemed safe for residents to return

#### Factors that authorities consider when determining the safety of re-entry include:

- Structural Safety: Authorities assess the structural integrity of buildings and infrastructure in the affected areas to ensure they are safe for occupancy.
   This evaluation may involve inspections by building officials, engineers, and other experts.
- Utilities Restoration: Local authorities coordinate with utility companies to restore power, water, and other essential services. The availability of utilities is a crucial factor in determining when it is safe for residents to return.
- Clearing of Hazards: Authorities work to clear roadways, remove debris, and address other hazards such as downed power lines, fallen trees, and floodwaters. They want to ensure that residents can travel safely and avoid potential dangers.
- Community Services: Authorities consider the availability of essential community services such as medical facilities, emergency services, and access to supplies and resources.

## Click on each link below:

Disaster preparation and recovery

Florida Special Needs Registry

**Collier County Emergency Management** 

Lee County Emergency Management

Florida Disaster Org

**National Hurricane Center** 





Atlantic Hurricane Tracking Chart



Make a Pet Plan





Make a Hurricane Family Plan



# **Operation Blue Roof**

WEBSITE: BLUEROOF.US



Learn more about the Hurricane Ian Blue Roof mission using the QR code.

Safety is priority. Inclement weather delays installation.





Speed of installation is based on the number of requests and size of the area impacted.



Steps

Step 1: Submit application



Step 2: Application is validated



Step 3: Damage is assessed



Step 4: Temporary roof is installed



Step 5: Temporary roof inspected by USACE

......

### **Timeline**











After an application is submitted customers may not be contacted prior to assessment or installation. Blue Roof requests are clustered and prioritized to help as many as possible, as quickly as possible. If you have already made arrangements to protect your property and would like to cancel your application, please contact us.



## **CONTACT US**









Thank you for taking the time to read our Hurricane Newsletter. We hope it has been informative and will assist you during storm preparations.

Good Luck & Be Safe!

