

2025 Hurricane Seminar

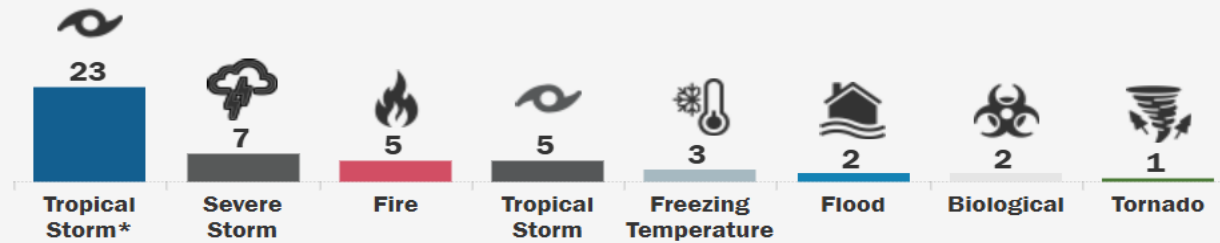




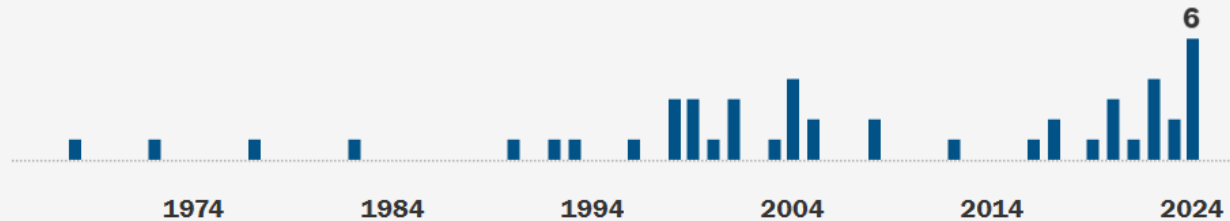
SARASOTA COUNTY DISASTERS

Disaster(s) by Incident Category

*Includes Subcategory:



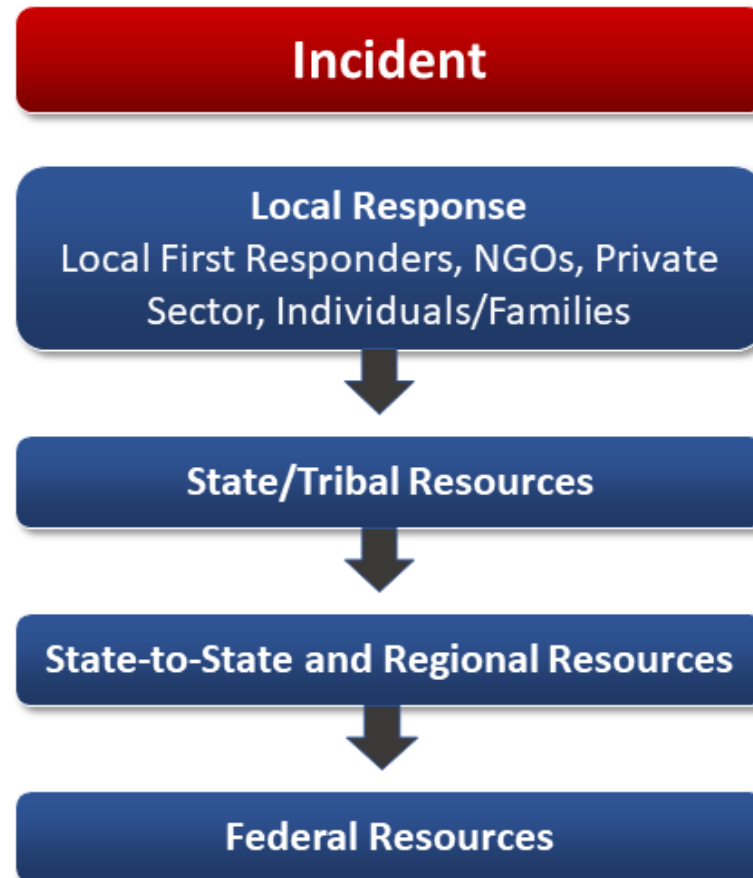
Disaster(s) by Year



48 Disasters Declared
In Sarasota County, Florida
(May 2, 1953 - Mar 24, 2025)



EMERGENCY TIERED RESPONSE





SARASOTA COUNTY EMERGENCY OPERATIONS CENTER (EOC)





EMERGENCY MANAGEMENT ROLE IN DISASTERS

- Works with local, state, and federal agencies to coordinate disaster response/recovery
- Public communications
- Determine evacuations and provide mass care services
- Secure resources and mutual aid





COORDINATION WITH STATE AGENCIES

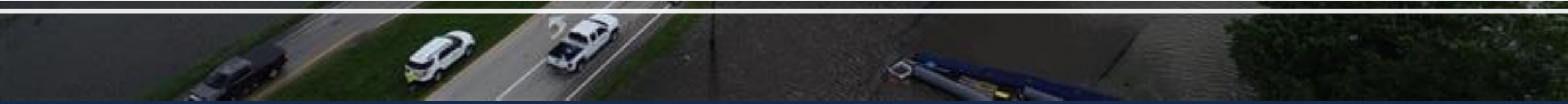
- **Division of Emergency Management (FDEM)**
 - Disaster declarations, FEMA liaison
 - Resource augmentation & mutual aid
- **Department of Health**
 - Medically Dependent Evac Centers
 - Public Health
- **Department of Transportation**
 - State roads and bridges
- **Division of Law Enforcement**
 - Law enforcement resources
- **Dept of Children and Families**
 - Disaster food assistance
- **Department of Military Affairs**
 - Florida National Guard
- **Department of Commerce**
 - Economic recovery resources
- **Fish and Wildlife Commission**
 - Marine response, evacuation support
- **Department of Agriculture & Consumer Services**
 - Animal and agriculture issues



<https://www.youtube.com/watch?v=fl9EPnclH7k>



2024 HURRICANE SEASON RECAP





Hurricane Debby

August 4, 2024

- 16.98 inches of rain in less than 48 hours
- FEMA Individual Assistance (IA) \$12,342,000
- FEMA Public Assistance (PA) \$49.7 Million
- 1047 impacted residences
- \$58 Million in residential damage



Hurricane Helene

September 26, 2024

- Evacuation Level A
- 5-7 ft of storm surge
- \$1 Billion in estimated damages to residences and businesses
- \$43 Million for County public infrastructure repairs and emergency work
- 7644 residences impacted
 - 27 Destroyed
 - 834 Major



Hurricane Milton

October 9, 2024

- Evacuation Level A & B
- Est. 10-11 ft storm surge
- IA \$36,633,379
- PA \$97,797,141
- 9500 homes damaged
 - 114 destroyed
 - 1060 major
- 1100 business damaged
- 2.4 Million Cubic Yards of Debris collected





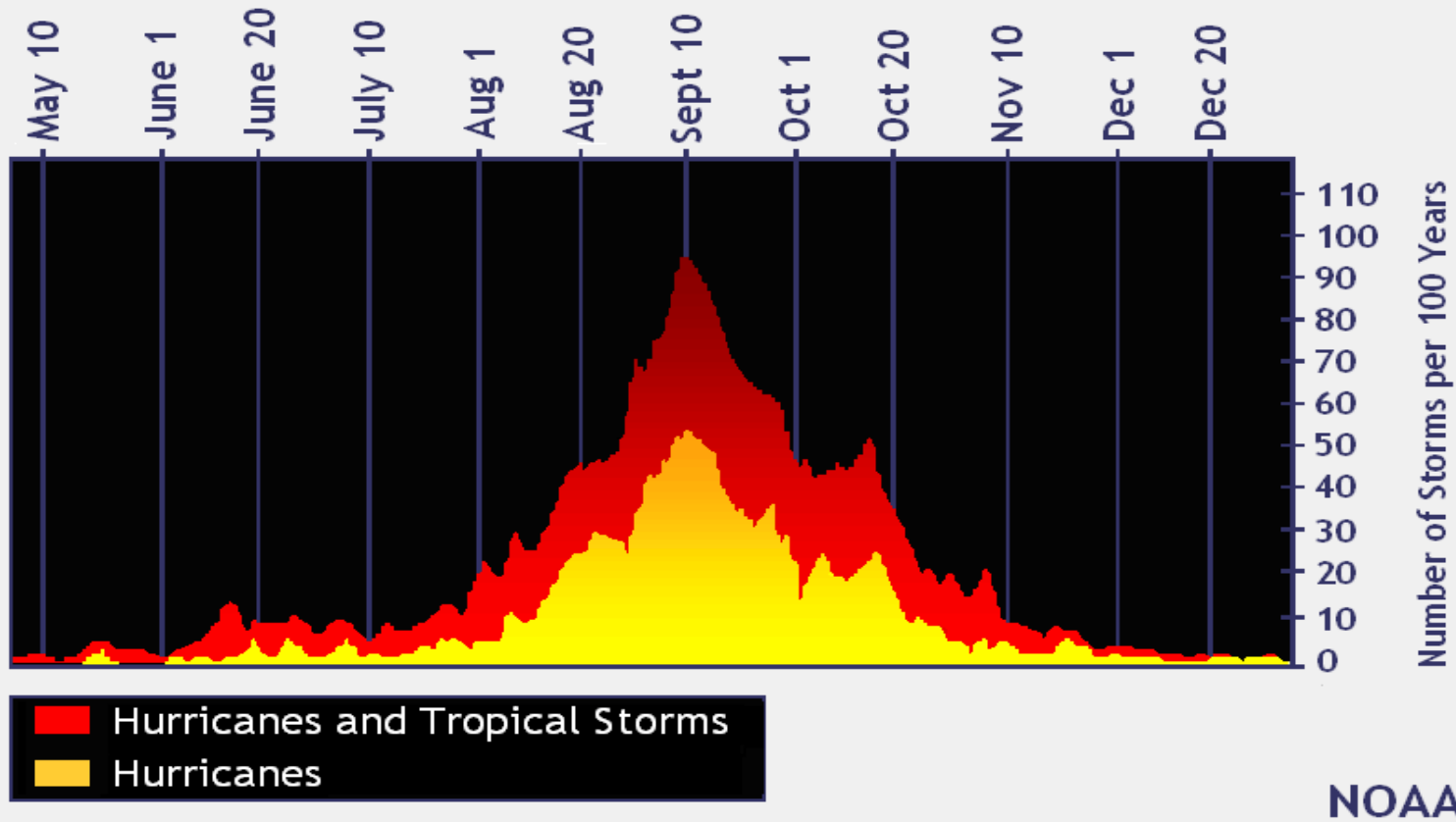
COUNTY RESPONSE

- **Mission Completed**
 - County: 546 - FDEM: 375
- **Evacuation Centers/Shelters**
 - 29 Opened
 - 10,000 + Residents and Pets
- **Public Information**
 - Media Engagements: 26,066
 - 311 Call Center: 9,743 calls
 - 75 County Emergency Newsletter updates reaching 888,000 residents
- **Points of Distribution: 11**
- **Comfort Stations: 5**



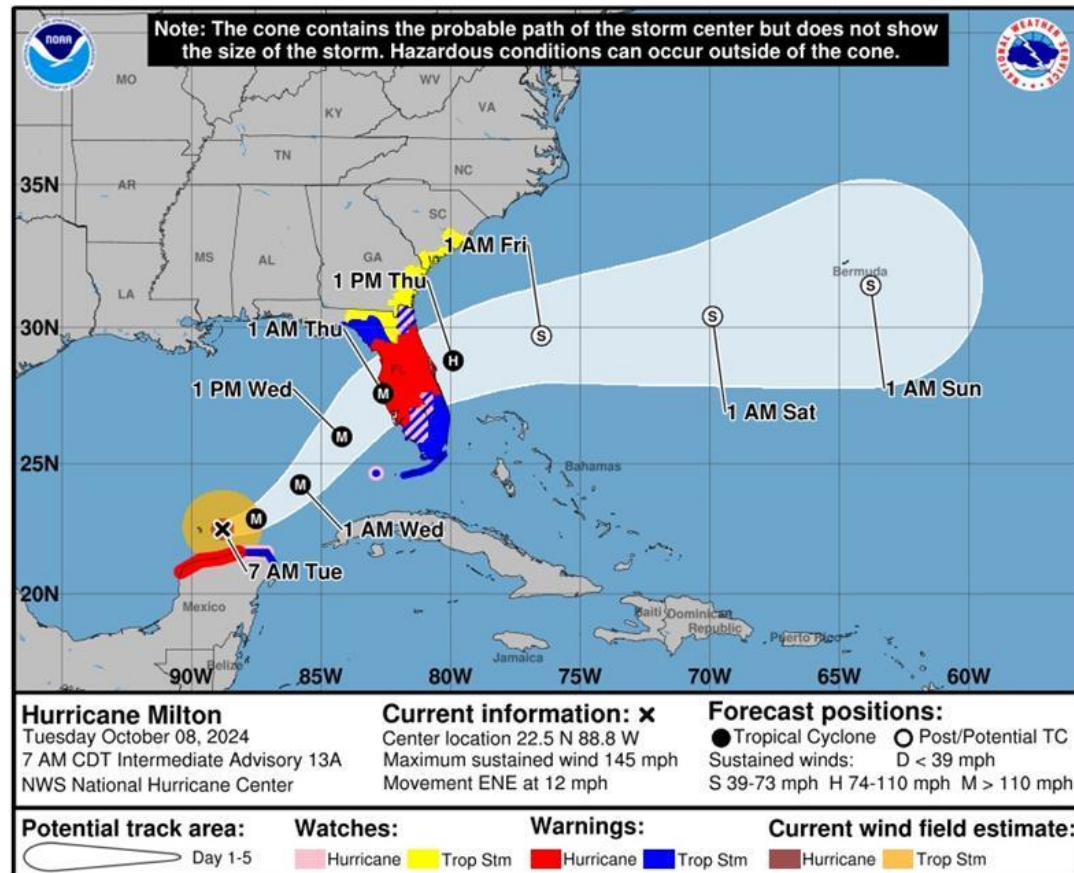


HURRICANE SEASON JUNE 1 – Nov 30





NEW EXPERIMENTAL NHC FORECAST CONE





HURRICANE WIND SCALE

Hurricane Level	Wind (MPH)	Damage
1	74-95	Some damage: unanchored mobile homes, vegetation and signs.
2	96-110	Extensive: all mobile homes, roofs, small crafts, flooding.
3	111-129	Devastating: small buildings, low-lying roads cut off.
4	130-156	Catastrophic: roofs destroyed, trees down, roads cut off, mobile homes destroyed, beach homes flooded.
5	157-plus	Catastrophic: most buildings destroyed, vegetation destroyed, major roads cut off, homes flooded.



Storm Surge

STORM SURGE DOES NOT DEPEND ON THE CATEGORY OF THE HURRICANE

There are several factors that contribute to the amount of surge a given storm produces at a given location.

Hurricane Katrina (Cat 3)
28 feet storm surge.....

Hurricane Ike (Cat 2)
20 feet storm surge.....

Hurricane Helene (Cat 4)
12 - 16 feet storm surge.....

Hurricane Ian (Cat 4)
10 - 15 feet storm surge.....

Hurricane Irene (Cat 1)
8 - 11 feet storm surge.....

Hurricane Milton (Cat 3)
7 - 10 feet storm surge.....

Hurricane Charley (Cat 4)
6 - 8 feet storm surge.....

Storm Surge does NOT depend on the Category of the storm!

The size of the storm, its forward speed, and how long it is over open water are much bigger factors in determining how large the storm surge will be.



NATIONAL WEATHER SERVICE
WEATHER FORECAST OFFICE
TAMPA BAY, FL

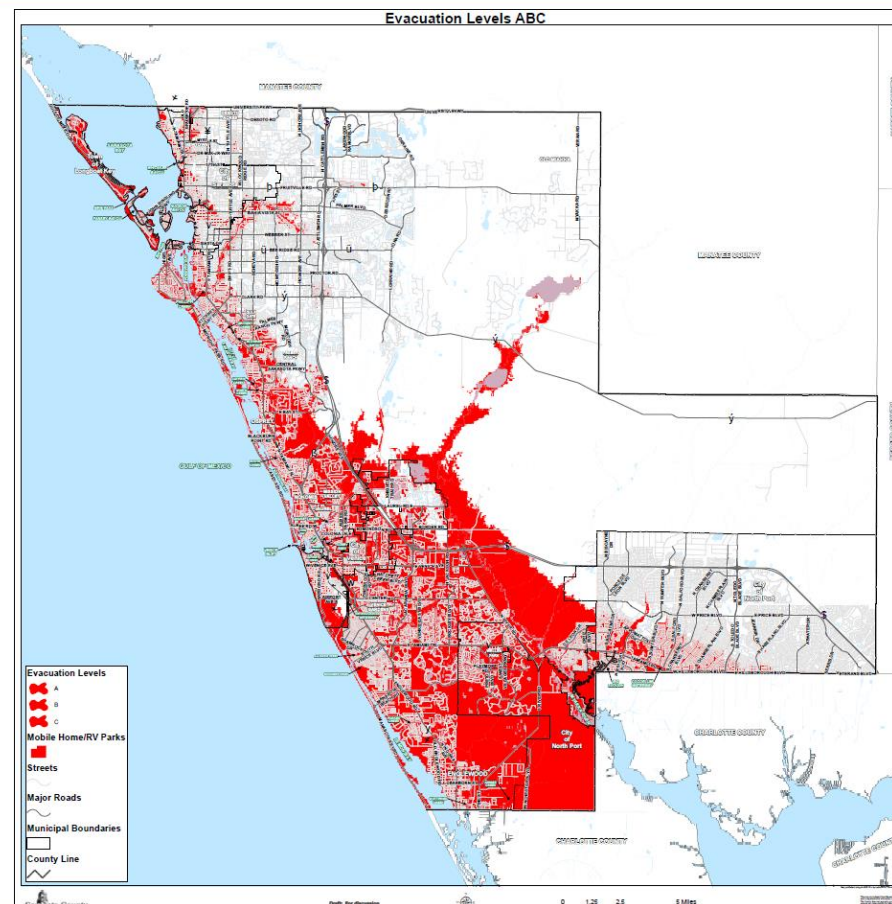
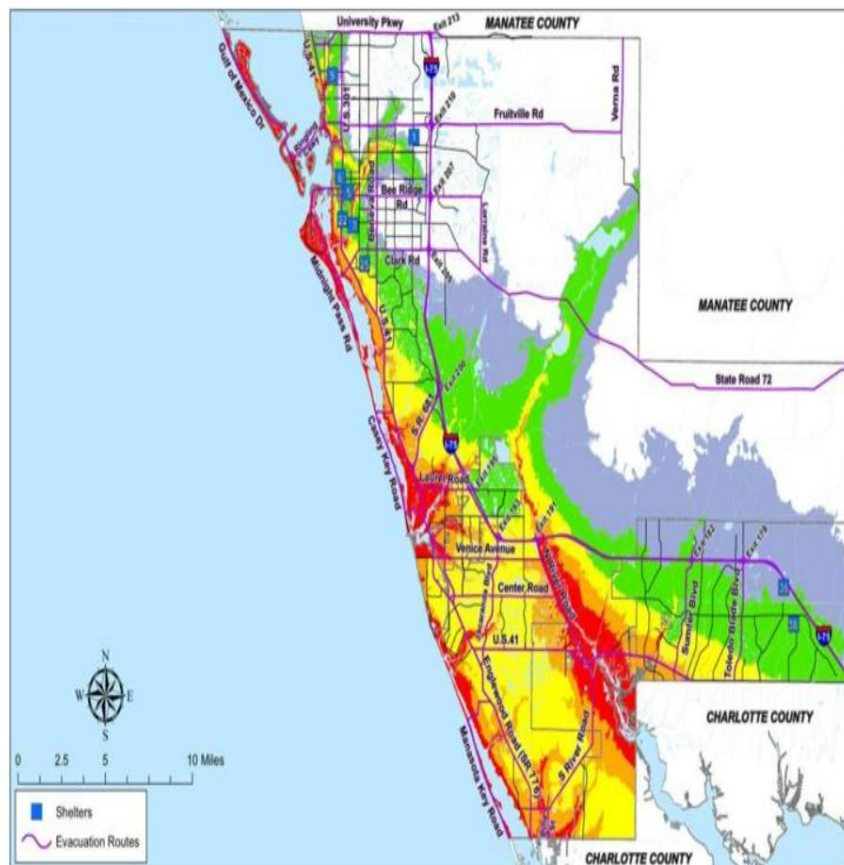


National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service

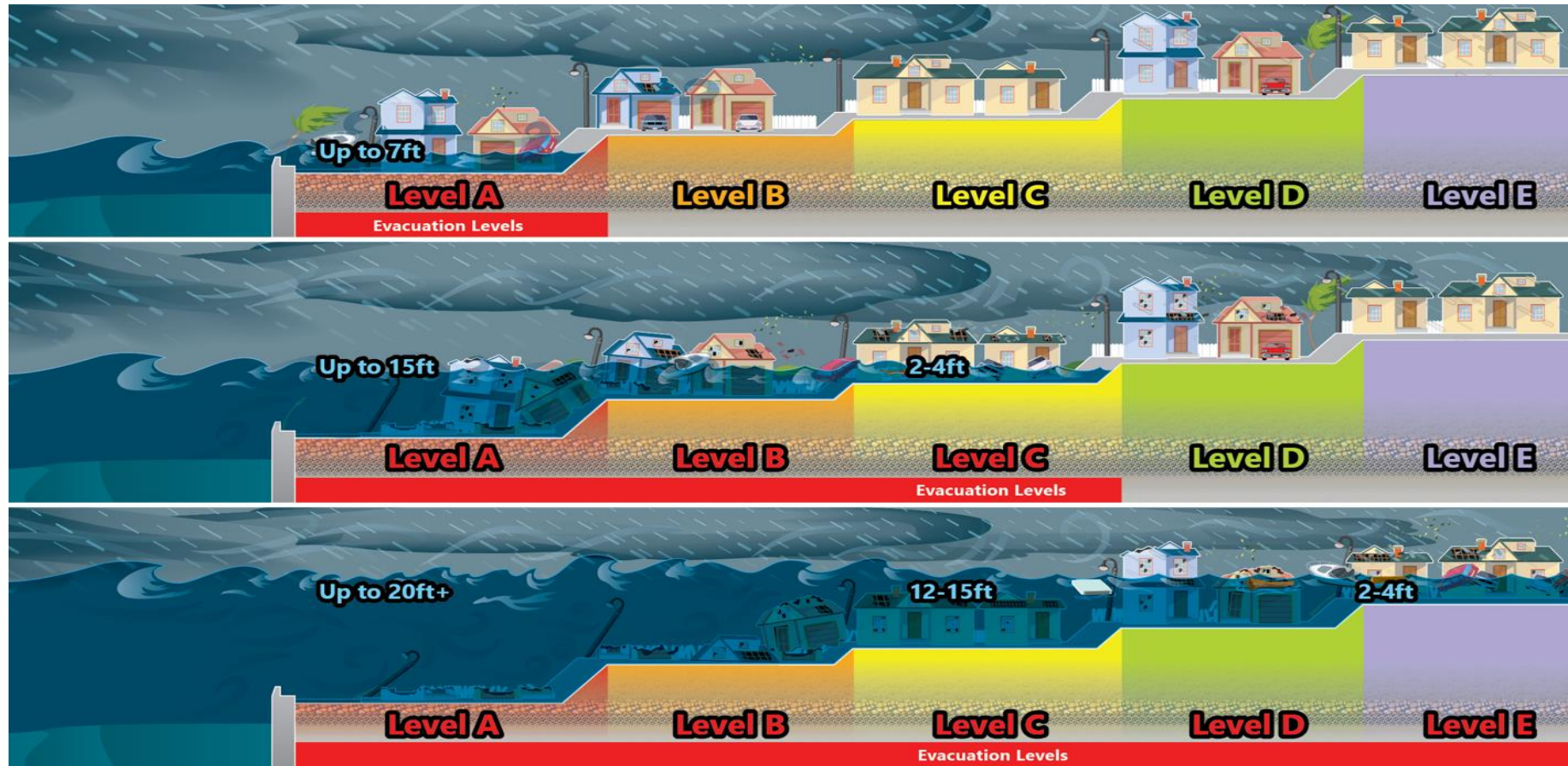


EVACUATION LEVELS & EVACUATION ORDER MAP





SARASOTA COUNTY STORM SURGE



EMERGENCY SERVICES

Community Conversations: Hurricane Preparedness

Hurricane Recovery

Hurricane Preparedness

Homeowners

Pets and Farm Animals

Medical Needs Program

Business Owners

Active Emergency Ordinances

Emergency Management

Fire Department

EMS Homelessness Incidents

911 Reports

Know Your Evacuation Level

Lifeguard Operations

Public Safety Communications

Alert Systems

Emergency Services Documents, Forms and Plans

[Government](#) » [Emergency Services](#) »

Hurricane Preparedness

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Emergency Preparedness Guide

2024 Emergency Preparedness Guide.

Emergency Preparedness Guide

Spanish 2024 Emergency Preparedness Guide.

Emergency Preparedness Guide

Ukrainian 2024 Emergency Preparedness Guide.

Emergency Preparedness Guide

Russian 2024 Emergency Preparedness Guide.

Know Your Level

Know Your Evacuation Level

Homeowners

Resources for preparing your home.

Business Owners

Resources for business owners.

Medical Dependent

Learn more about the program.

Pets and Farm Animals

Prepare your animals.

Transportation Plan

Transportation to evacuation centers.

Disaster Supply Checklist

Be prepared.



Scgov.net/BePrepared





IT'S TIME TO PREPARE

- 1. Get a Plan**
- 2. Build a Kit**
- 3. Stay Informed**



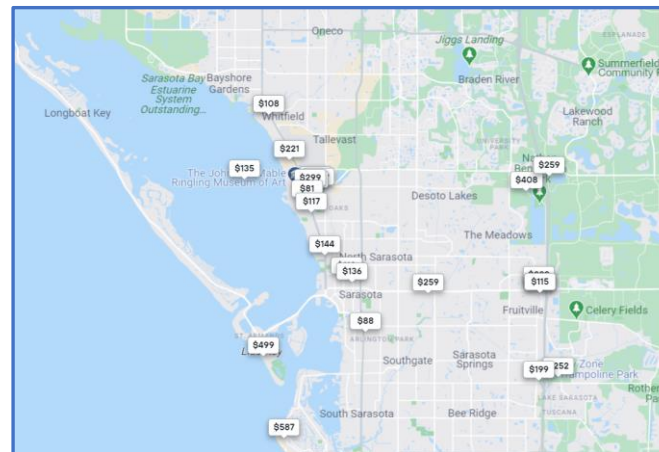
WHAT IS YOUR EVACUATION PLAN?

Plan A: Stay at Home **ONLY IF SAFE**

Plan B: Family and friends outside evacuation levels

Plan C: Hotel

Plan D: Evacuation Center





EVACUATION CENTER PROGRAM

General Population

- No pre-registration required
- 12 locations available for every hurricane

Medically Dependent

- Power and oxygen dependent
- Requires pre-registration at scgov.net/beprepared or call 311



A collection of 15 icons arranged in four rows. The first row contains icons for food and drink: two white milk jugs, two green cans, two yellow cans, a bag of rice, a blue fish-shaped container, and a can of cookies. The second row contains icons for medicine and hygiene: a roll of paper towels, three rolls of toilet paper, a red first aid kit with a white cross and the word 'AID', a pair of scissors, a bottle of band-aids, a bottle of toothpaste, a bottle of ibuprofen, and a bottle of hand sanitizer. The third row contains icons for electronics: a computer monitor, a remote control, a yellow portable radio, two AA batteries, and a red flashlight. The fourth row contains icons for leisure and finance: four US dollar bills, a stack of books, a board game box labeled 'PUZZ', a map, a deck of cards, and a small game piece.

- Drinking water: **1 gallon/person and pet for 7 days**
- Non-perishable food and a can opener
- Paper items
- Medications and a first aid kit
- NOAA Weather Radio
- Flashlight and extra batteries
- Cash
- Puzzles, books, games



INSURANCE is KEY!

- Flood coverage is important! Just one inch of water can cause \$27,000+ of damage
- Get flood insurance through the National Flood Insurance Program (NFIP)
- Make insurance changes outside of hurricane season
 - Flood policies typically take 30 days to become effective



BEFORE YOU EVACUATE

- Turn everything off, including circuit breakers and water shut off valve.
- Gas up car.
- Shutter/board your home.
- Bring all loose outdoor items inside the house.
- Alert friends and/or family members of your plans and how they can contact you.



AFTER THE STORM

- Limited emergency services
- Impassable or washed-out roads
- Traffic
- Power outages
- Damage to sewage systems, water infrastructure, and telephone/internet service
- Seek assistance, if needed





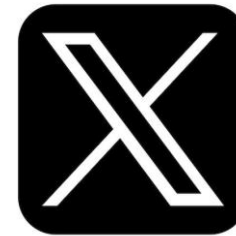
RECOVERY RESOURCES

- Multi-Agency Resource Center (MACC)
- Disaster Recovery Centers (DRC)
- Neighborhood Points of Distribution (NPODs)
- Comfort Stations



STAY INFORMED

- **AlertSarasota:** www.AlertSarasota.com
- **Sarasota County Contact Center:** 311
- **Sarasota County website:** scgov.net
- **X:** @scgovEOC and @SRQCountyGov
- **Facebook:** @SarasotaCountyGovernment and @SarasotaCountyEmergencyServices





ACTION ITEMS

1. **Develop a Plan**
2. **Build a Kit**
3. **Sign up for Emergency Alerts:
AlertSarasotaCounty.com**
4. **Share information with 5
friends/family members!**



[Scgov.net/beprepared](https://scgov.net/beprepared)