



LAKE COUNTY OFFICE OF EMERGENCY MANAGEMENT

EMERGENCY MANAGEMENT

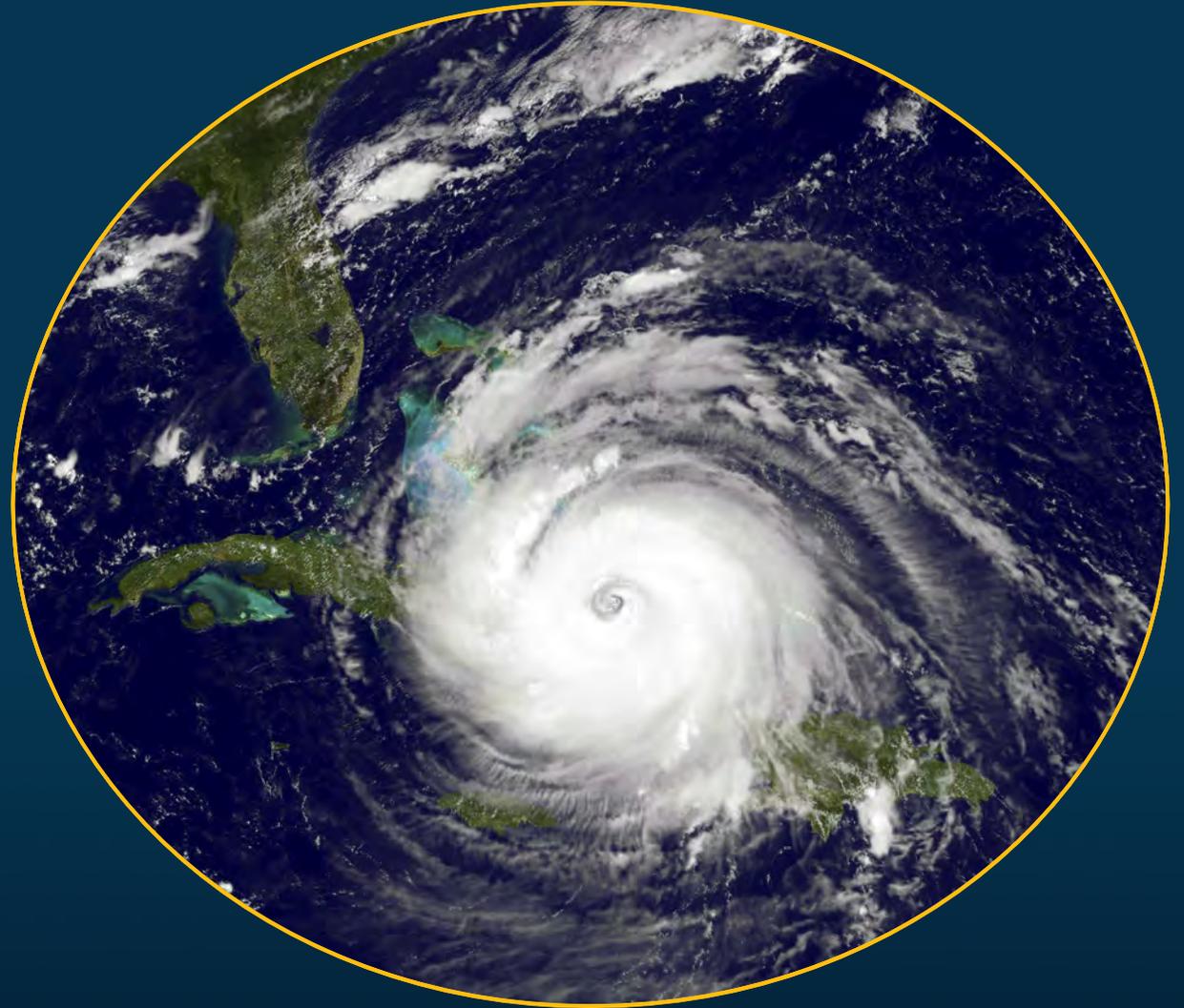
“Emergency management is the managerial function charged with creating the framework within which communities reduce vulnerability to hazards and cope with disasters.”



FEMA

GOALS

- Protect Life
- Protect Property
- Protect the Environment





EMERGENCY MANAGEMENT

OUR MISSION

Prepare and provide for the health, welfare, and safety of the people, visitors and employees of Lake County from the effects of man-made, natural, or technological disasters.

EMERGENCY MANAGEMENT





EMERGENCY OPERATIONS CENTER



EMERGENCY OPERATIONS CENTER

ECOC

- ❖ Emergency Management
- ❖ Communications Center
 - Lake County Sherriff
 - Lake County Fire Rescue
 - Lake County EMS





EOC ACTIVATION LEVELS

Level IV – Daily Operations

Level III – Enhanced Monitoring

Increase in posture. OEM staff are actively monitoring a threat or incident.

Level II – Partial Activation

Incident determines staffing of specific ESFs and positions
Operational hours vary

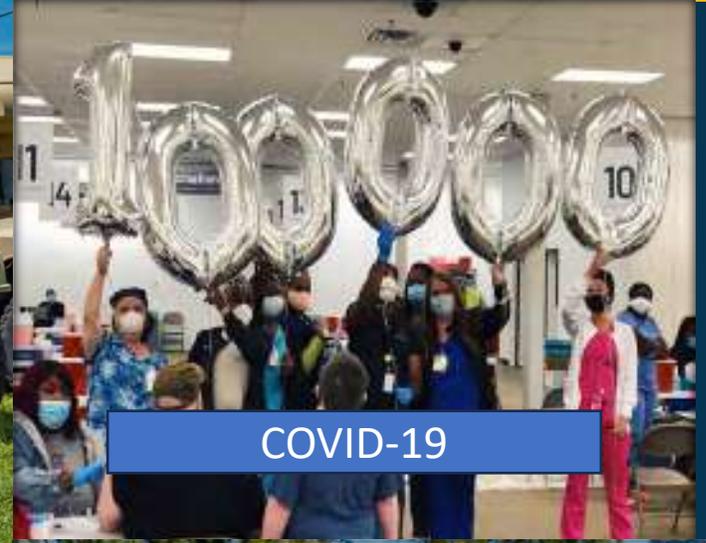
Level I – Full Activation

All ESFs and positions staffed
24-hour operations

HISTORICAL ACTIVATIONS



Hurricane Irma



COVID-19



Groundhog Day Tornadoes



Blue Rhino Explosion



Hurricane Ian

RECENT ACTIVATIONS



COMMUNITY PROGRAMS

- Faith-based partnerships
- Community Emergency Response Teams (CERT)
- Hurricane Expo
- Public Safety Event Planning





EMERGENCY ALERTING



Alertlake.com



HURRICANE SAFETY

- What is the most popular food item(s) purchased before a hurricane?

Beer



Extra Fact: Under a Declared Local State of Emergency alcohol sales may be suspended.

- What is the second most popular food item(s) before a hurricane?

Strawberry
Pop-Tarts



Extra Fact: Food for your 3-5 day emergency kit should be non-perishable, calorie rich and able to be stored without refrigeration and consumed without cooking.

- What is predicted to be the scarcest commodity post-hurricane?

Gasoline

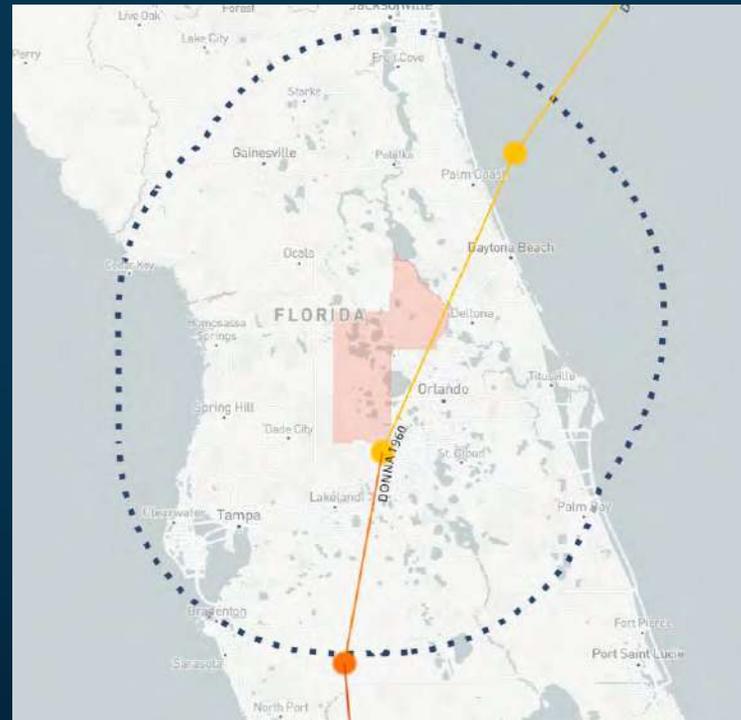


Extra Fact: A State of Emergency declared by the Governor activates Florida's price gouging law, which freezes the price of essential commodities (ice, water, food, gasoline, lumber, generators, flashlights) up to 60 days.

- When was the last time Lake County experienced sustained hurricane force winds (>74MPH)?

**Hurricane Donna:
September 10-11, 1960**

Extra Fact: Hurricane Donna was the strongest hurricane formed during the 1960 hurricane season.



HURRICANE SEASON



TROPICAL CYCLONE CATEGORIES

- Tropical Depression
- Tropical Storm
- Hurricane
- Major Hurricane



TROPICAL CYCLONE CATEGORIES



Cat 1



Cat 2



Cat 3



Cat 4



Cat 5

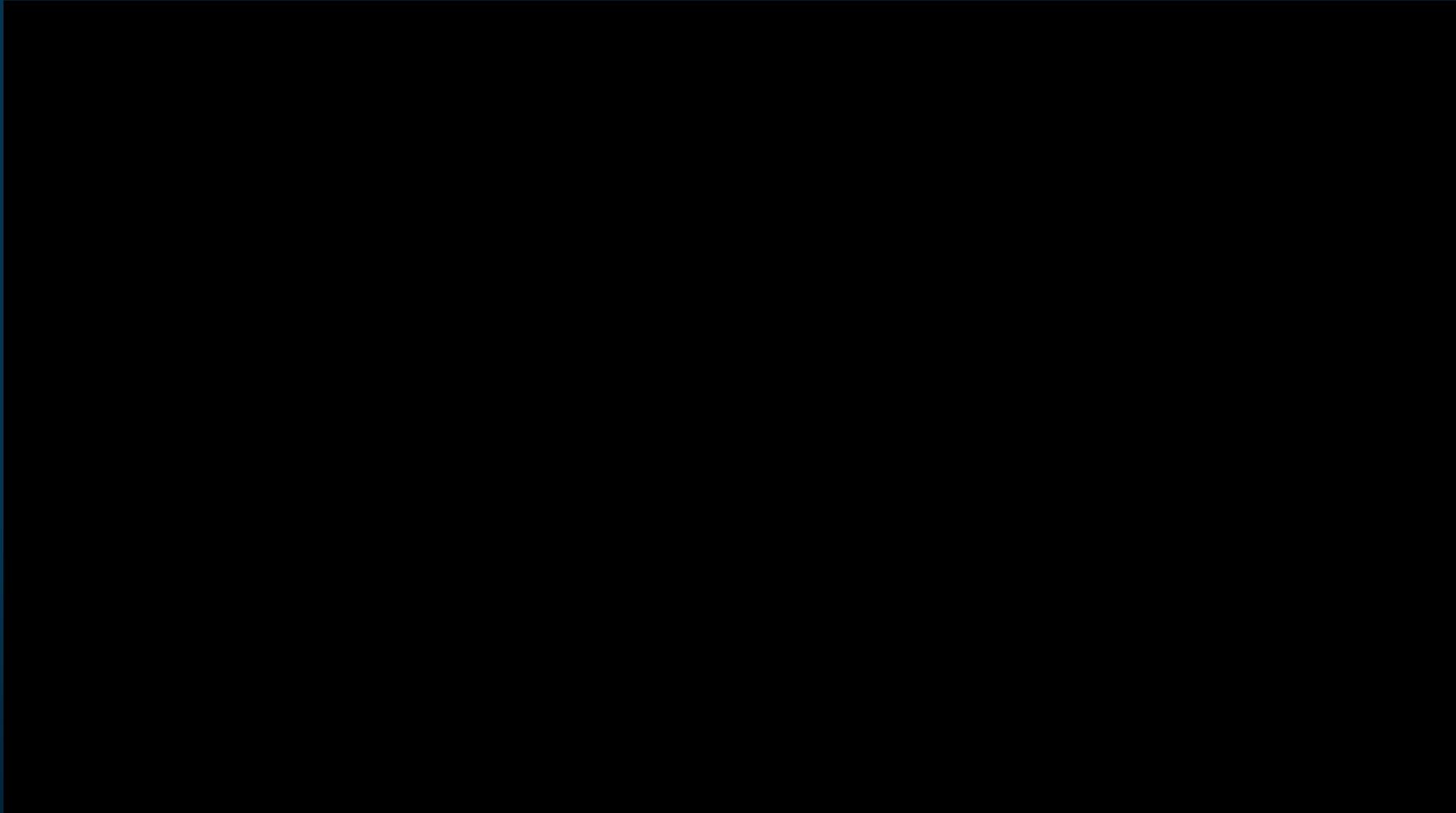
TROPICAL CYCLONE CATEGORIES

- Tropical Depression
- Tropical Storm – 39MPH
- Hurricane
- Major Hurricane

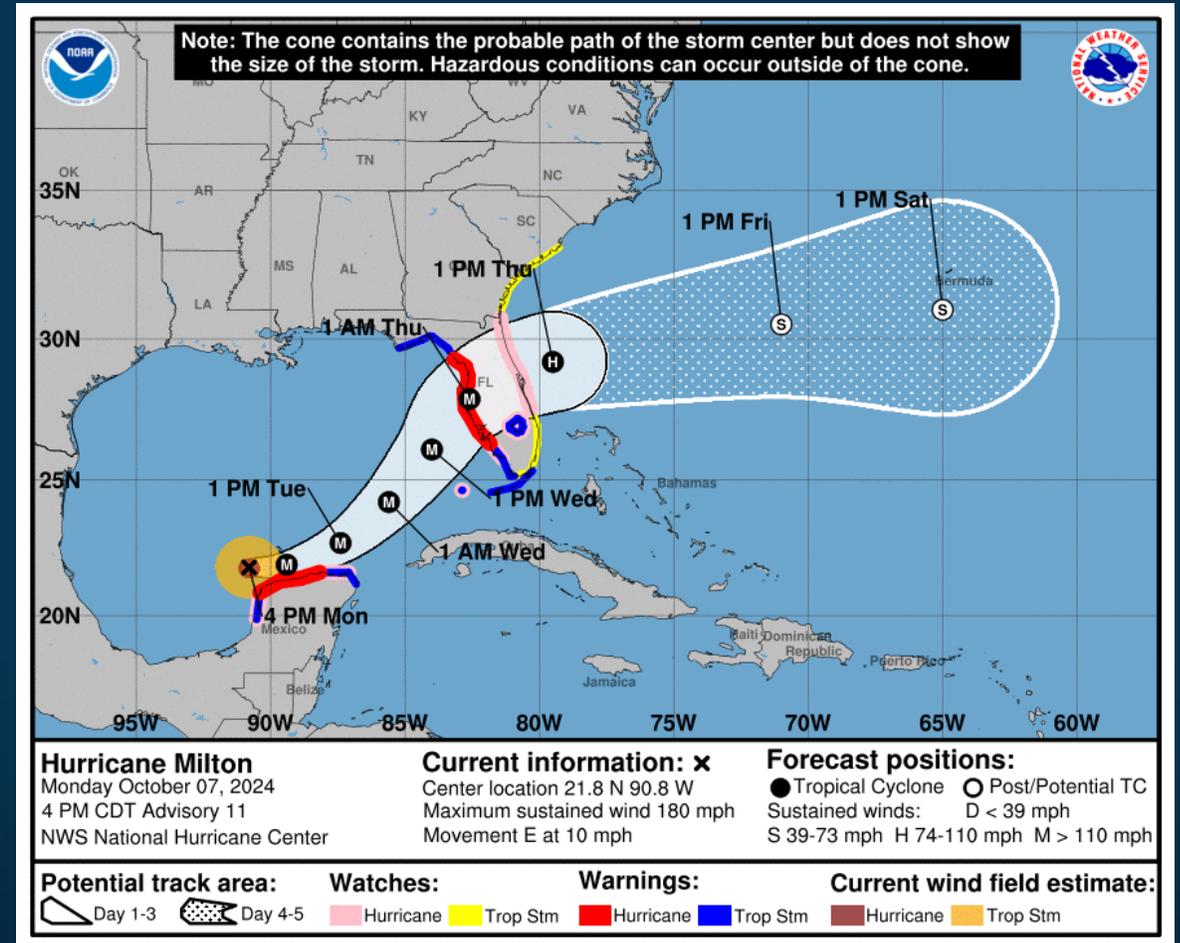




TROPICAL CYCLONE CATEGORIES



“Cone of uncertainty”



“Spaghetti Models”





ADVISORIES

Watches

Issued by the National Hurricane Center **48 hours** prior to expected onset of conditions somewhere within the specified area in association with a tropical, subtropical, or post-tropical cyclone

Warnings

Issued by the National Hurricane Center **36 hours** prior to expected landfall somewhere within the specified area in association with a tropical, subtropical, or post-tropical cyclone

Watches



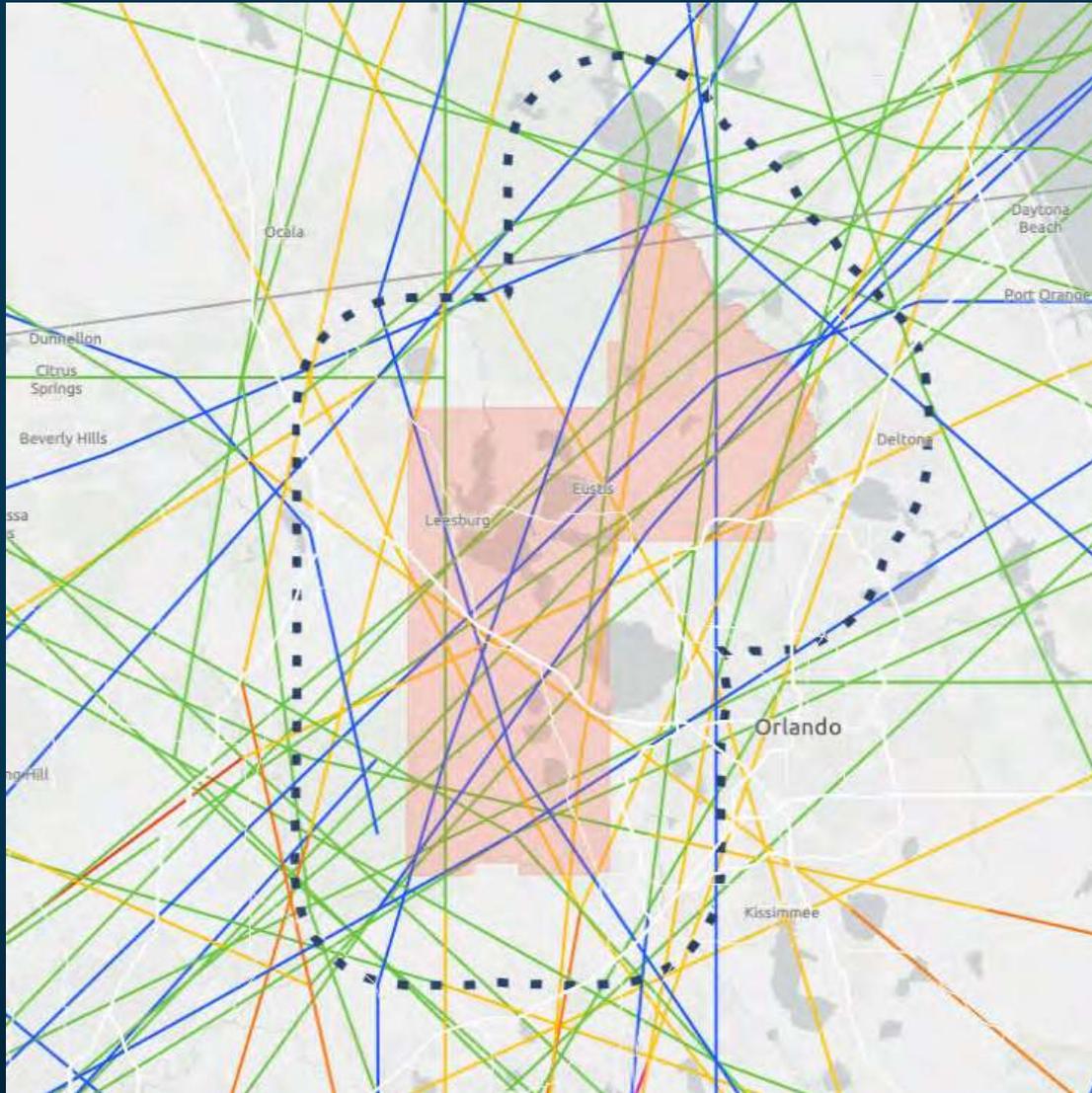
TACO WATCH

Warnings



TACO WARNING

HURRICANE TRACKS 1851- 2025



51 storms (eye)
have tracked
within 10 miles
of Lake
County's
borders



REVIEW OF PAST HURRICANE SEASONS

- Last decade of Lake County EOC hurricane responses:
 - Matthew (2016)
 - Irma (2017)
 - Dorian (2019)
 - Elsa (2021)
 - Ian and Nicole (2022)
 - Idalia (2023)
 - Debby, Helene, & Milton (2024)





HURRICANE MILTON IMPACTS

- Preliminary rainfall reports show 15.43 inches recorded in Mount Plymouth
- Preliminary wind analysis shows a wind gust of 72 mph recorded near Leesburg. Sustained winds of 43 mph were recorded.
- Total power outages as peak: 115,000 across all providers
- The St Johns River at Astor reached new record – 4.8 ft – before cresting, causing major flooding.
- Extreme rainfall caused flooding to occur in areas of Lake Mack as well as near Lake Louisa and the associated chain of lakes.
- Approximately 2,700 reports of damage were collected from windshield assessments and community reporting in the wake of Hurricane Milton. Reports included trees and powerlines down, flooding, sinkholes, washouts, vehicle damage, and more.





SERVICES PROVIDED FOR HURRICANE MILTON

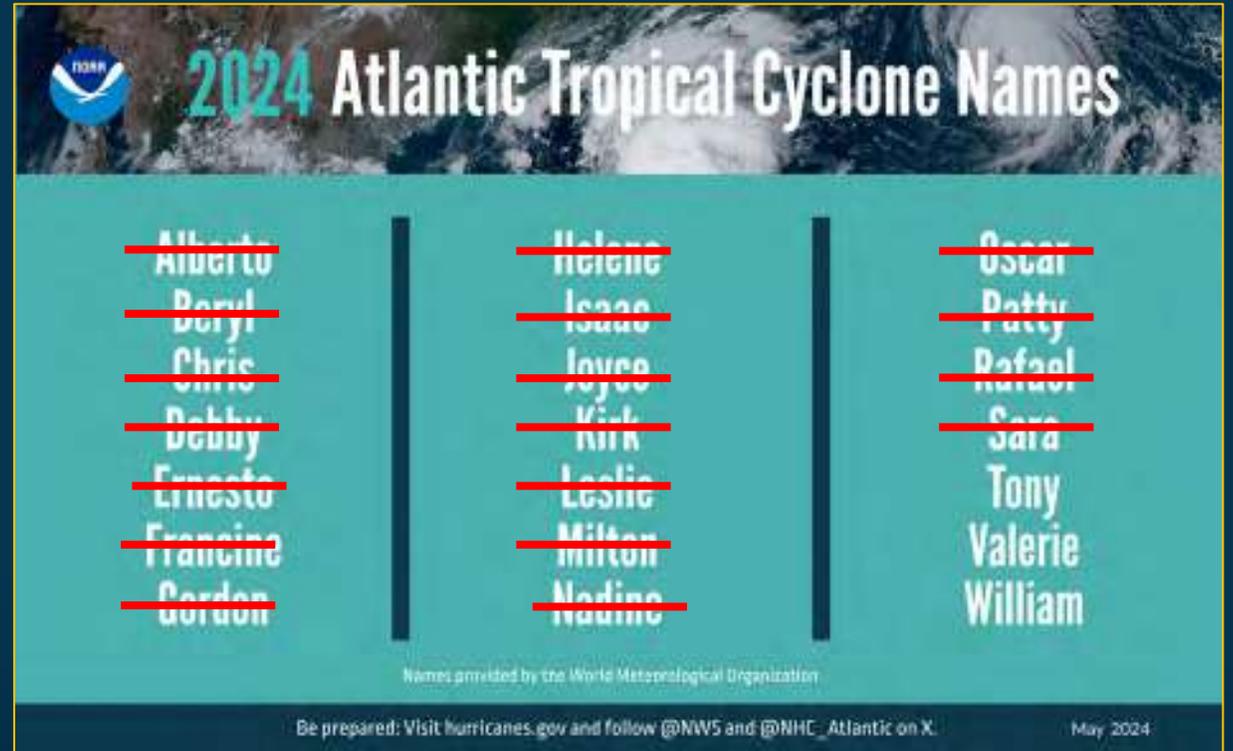
- Fifteen (15) shelters were opened. Total shelter census:
 - 1700 General Population
 - 132 Special Needs
 - 300 Pets
 - **Total shelter evacuees (not including pets): 1832**
- Over 1300 missions were processed by the Lake County EOC
- Over 4600 calls were processed by the Citizens Information Line
- 147,970 sandbags were distributed to residents





2024 HURRICANE SEASON NAMES

Alberto (June)	Isaac (Sept)	Rafael (Nov)
Beryl (June)	Joyce (Sept)	Sara (Nov)
Chris (June)	Kirk (Sept)	Tony
Debby (Aug)	Leslie (Oct)	Valerie
Ernesto (Aug)	Milton (Oct)	William
Francine (Sept)	Nadine (Oct)	
Gordon (Sept)	Oscar (Oct)	
Helene (Sept)	Patty (Nov)	





2025 HURRICANE SEASON



2025 HURRICANE SEASON NAMES

Andrea

Fernand

Karen

Pablo

Wendy

Barry

Gabrielle

Lorenzo

Rebekah

Chantal

Humberto

Melissa

Sebastien

Dexter

Imelda

Nestor

Tanya

Erin

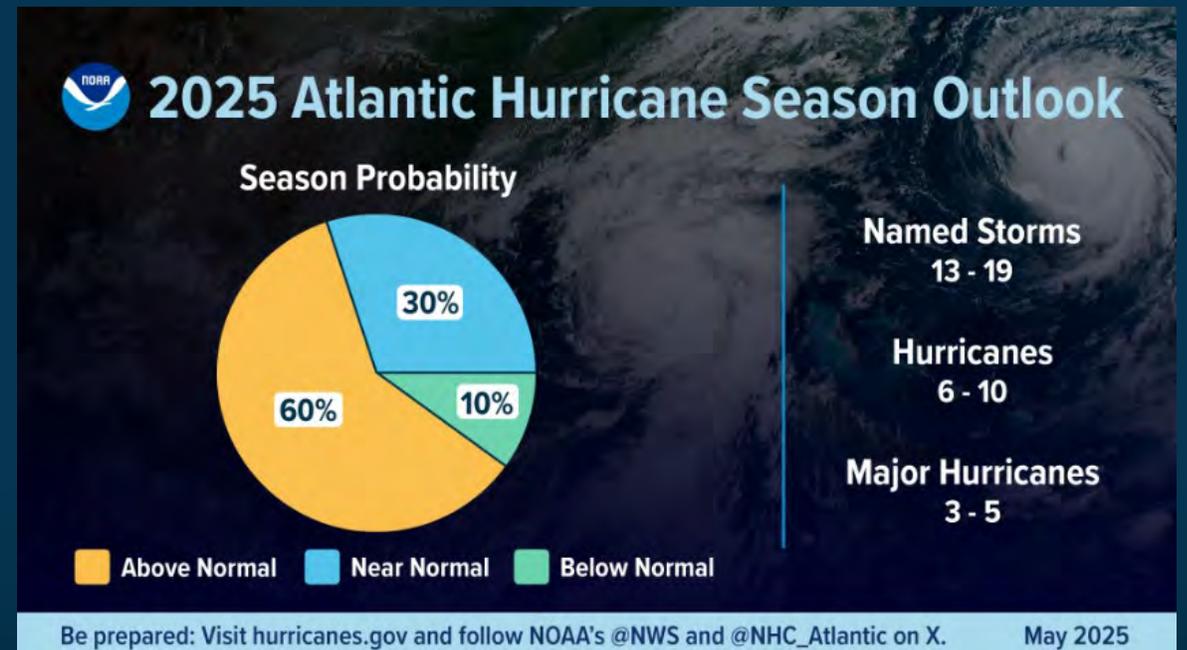
Jerry

Olga

Van

2025 HURRICANE SEASON FORECAST

- Colorado State University
 - 17 named storms
 - 9 hurricanes
 - 4 major hurricanes
- National Hurricane Center
 - 13 to 19 named storms
 - 6 to 10 hurricanes
 - 3 to 5 major hurricanes





HOW TO PREPARE

✓ Emergency Kit Checklist +

Use this checklist of items suggested by the **American Red Cross** to put together a hurricane preparedness emergency kit.



Nonperishable food items



Tape



Emergency survival blanket



Towels



Rain poncho



Water



First aid kit



Flashlight



Multi tool



Batteries



NOAA weather radio



Personal hygiene items

Layout by BRONWYN COFFEEN/Staff Artist

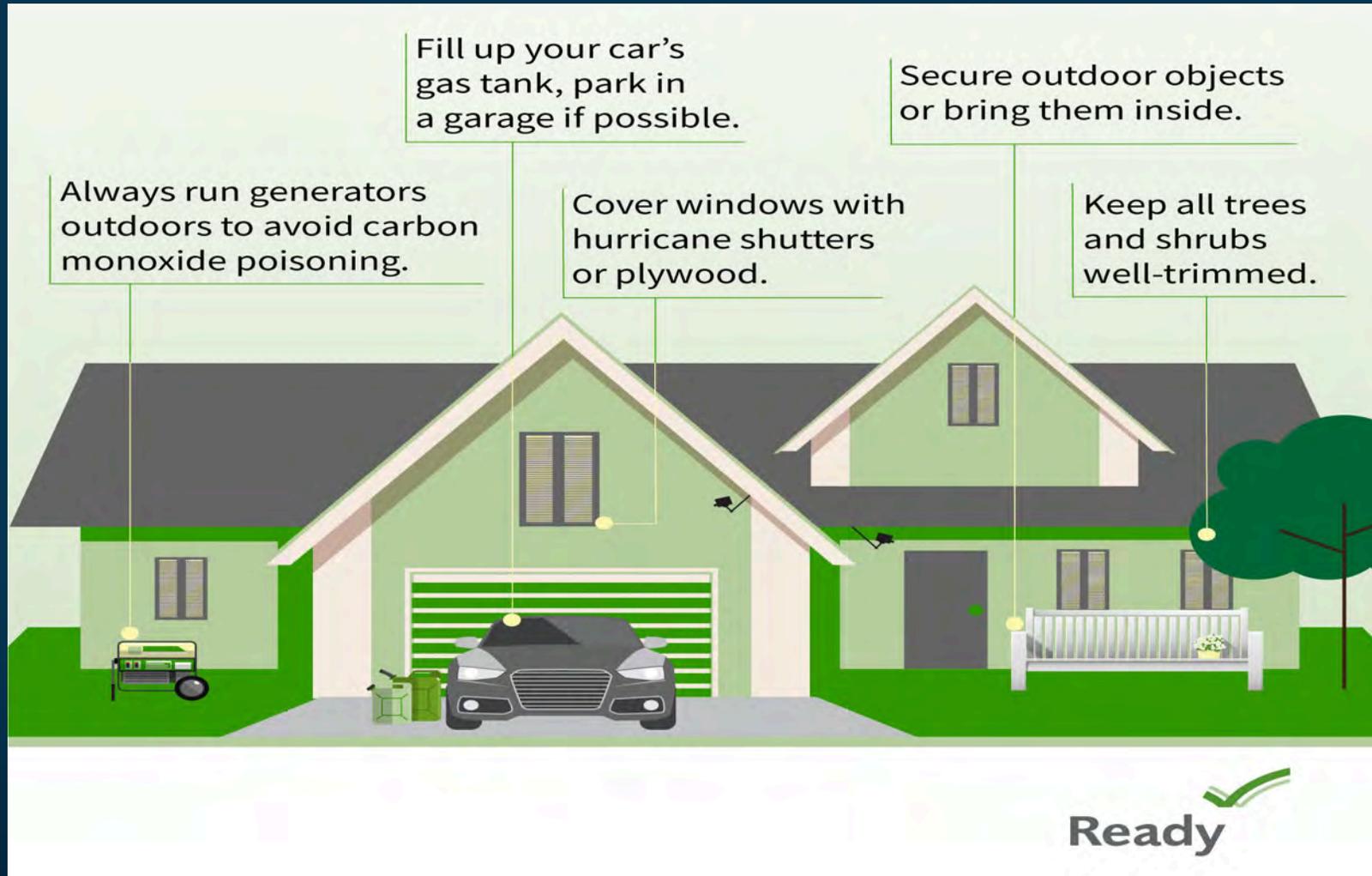


HOW TO PREPARE

- Special supplies for children and seniors
- Dietary supplements/baby formula
- Diapers/wet wipes
- Spare eyeglasses
- Hearing aid batteries
- Wheelchair batteries
- Oxygen



HOW TO PREPARE





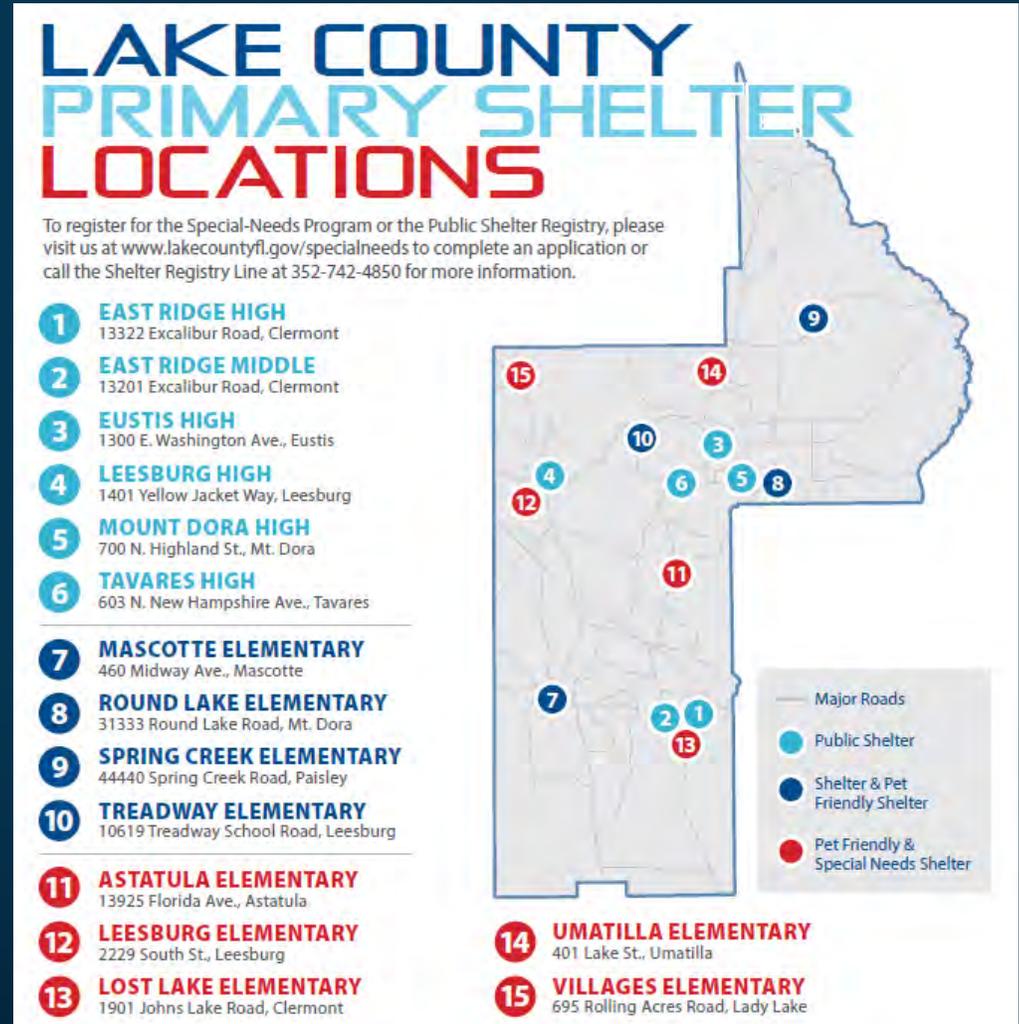
Alert Lake
EMERGENCY NOTIFICATION SYSTEM

- Know Your Risk
- Have an Evacuation Plan
- Communication



1. East Ridge High
2. East Ridge Middle
3. Eustis High
4. Leesburg High
5. Mount Dora High
6. Tavares High
7. Mascotte Elementary
8. Round Lake Elementary
9. Spring Creek Elementary
10. Treadway Elementary

11. Astatula Elementary
12. Leesburg Elementary
13. Lost Lake Elementary
14. Umatilla Elementary
15. Villages Elementary





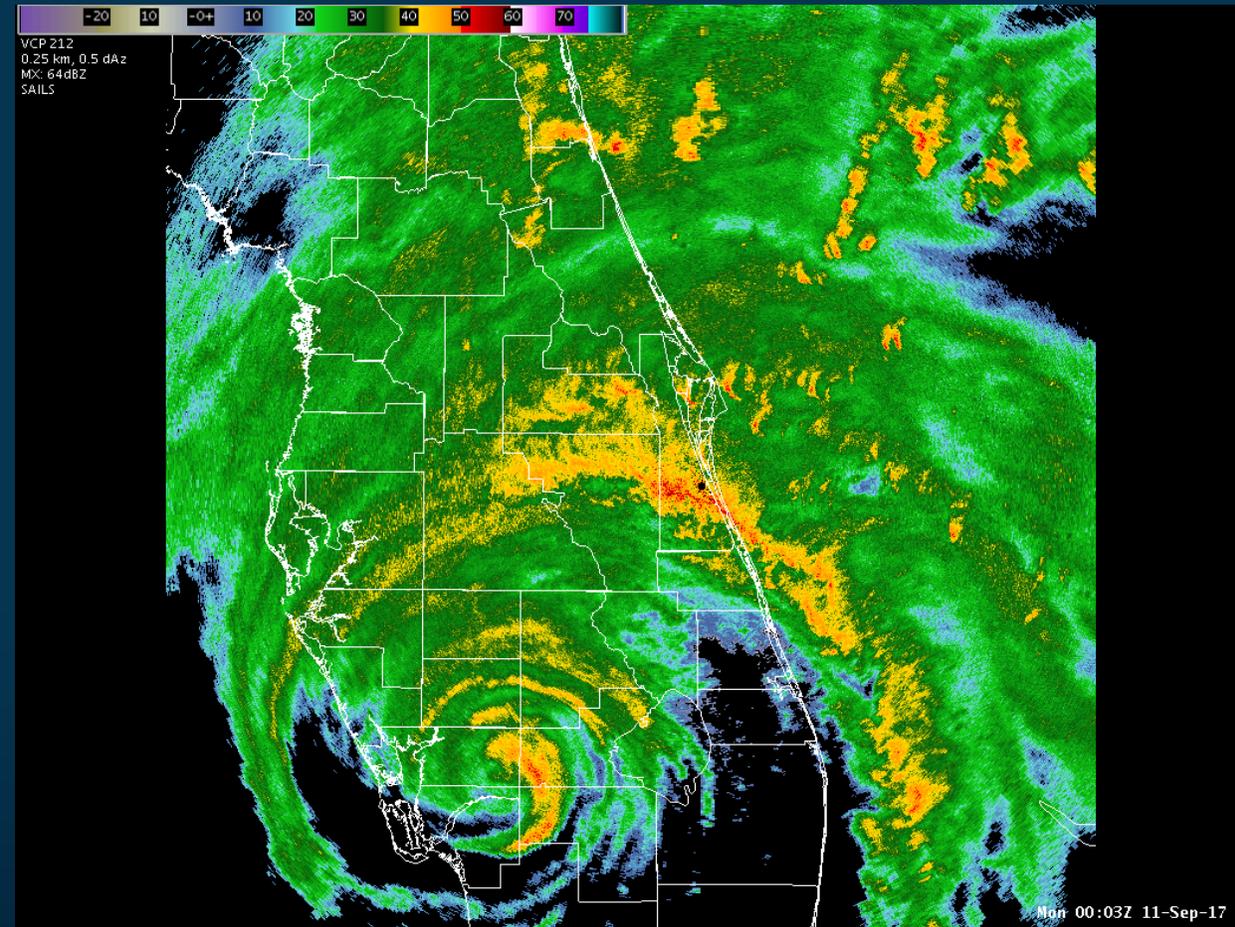
DURING THE STORM

DURING THE STORM



DURING THE STORM

- NOAA Weather Radio
- Local Media
 - Radio & TV Stations
- County website:
www.lakecountyfl.gov
- Citizens Information Line
352-253-9999



HURRICANE IRMA DOPLER RADAR IMAGE SEPT. 10, 2017 2000-2244 HRS (NWS MLB)



AFTER THE STORM

AFTER THE STORM





PREPAREDNESS RESOURCES



FEMA




Ready
Prepare. Plan. Stay Informed..





OPEN DISCUSSION



LAKE

COUNTY, FL

REAL FLORIDA • REAL CLOSE