

## 6-20-24 CFDMC Member Meeting Minutes

**Participants:** See attached list of attendees

**Welcome:** CFDMC Chair Reginald Kornegay welcomed everyone and thanked DOH-Seminole for hosting the meeting. Samantha King provided a safety briefing. Those in person introduced themselves and those attending virtually were asked to provide their information in the chat or via email.

**Region 5 Incident Management Team Update (see attached presentation):** Nick Gerth, Region 5 IMT Commander, provided an overview of the IMT and their deployments. He thanked the Coalition for their support of incident management trainings. Nick advised that the team can support large community events. Eric mentioned that being part of the team is professional development for healthcare personnel.

**2024 Hurricane Season Briefing (see attached presentation):** Will Ulrich, Warning Coordination Meteorologist, National Weather Service, provided a briefing on the upcoming hurricane season. The presentation will be shared but this information should not be shared with the public or on social media sites.

**Weapons of Mass Destruction-Civil Support Team (WMD-CST) 101 (see attached presentation):** Captain Brian Eppers, Medical Operations Officer for the WMD-CST team, provided an overview of these teams. There are two of these federally funded teams in Florida and they can deploy to any event within the US, including hurricanes, with no cost to local jurisdictions. The team does not provide mass decon but does provide chemical monitoring and detection. The team trains with local Hazmat and fire teams.

**Self-Care Check-Up (see attached tool):** CFDMC Treasurer Lynda D. W.G. Mason shared her experience and credentials. She explained the importance of self-care for all responders, and the need to be intentional in self-care. Lynda reviewed the self-care tool and asked members to use this tool as a check-up and to make plans to improve self-care. Nick Gerth thanked the Coalition for providing behavioral health resources to the IMT upon return from deployment. Lynne Drawdy explained that Florida has an invaluable behavioral health resource in the Florida Crisis Response Team.

**What's Ahead (see attached presentation):** Eric Alberts, CFDMC Vice Chair, provided an update on the current contract, new work plan and budget, and facilitated a member engagement session focusing on what members are seeing in their workplace, how they mitigate these issues and how the coalition can assist (see attached results). This information will be used by the Coalition in planning.

**Coalition Wrap-up:** Reggie thanked all for attending and announced the next meeting will be on September 19<sup>th</sup> in Martin County; additional details and an agenda will be sent out in advance. Reggie encouraged attendees to complete the meeting survey which will be sent out tomorrow as this feedback helps us improve future meetings. The meeting adjourned at 11:31 am.

**Attendees:**

Bikash Adhikari  
Jamal Afrifa  
Eric Alberts  
Maria Bledsoe  
Stacy Brock  
Eddie Brown  
Nathan Carpenter  
Georgianne Cherry  
Deborah Collinge  
Beverly Cook  
Ann Culley  
Tom Daniels  
Chris Dorans  
Lynne Drawdy  
Captain Brian Eppers  
Robert Estupigan  
Molly Ferguson  
Olive Gaye  
Nick Gerth  
Loretta Goggin  
Liz Hamlett  
Jennifer Hardy  
Maegan Heller  
Kelley Jenkins  
Amy Johnson  
Eli Jordan  
Chris Kammel  
Pam Keil  
Peggy Keller  
Samantha King  
Alashawndrey King

Aaron Kissler  
Reginald Kornegay  
Margot Kornicks  
Thomas McDaniel  
Clint Mecham  
Matt Meyers  
Jennifer Mills  
Nicole Montanez  
Thaismary Morales  
Justino Narvaez  
Sasha Nelson Borges  
Sven Normann  
Ihab Osman  
Herby Palliant  
Michelle Rud  
Pat Rutherford  
Rick Sanchez  
Alexis Scott  
Wayne Smith  
Clint Sperber  
Chris Stabile  
William Stiles  
Karen Street  
Wayne Struble  
Jordan Subrya  
Patty Tew  
Will Ulrich  
Lynda W.G. Mason  
Kim Wilde  
Lydia Williams  
Mackenzie Williams



## Member Meeting Agenda

Thursday, June 20, 2024 - 9 am to Noon  
 Florida Department of Health in Seminole County Auditorium  
 400 West Airport Boulevard, Sanford, FL 32773  
 or Zoom

<https://us06web.zoom.us/j/2375760989?pwd=Ym16WG02Wi8zOGISQWdxVWpTNWJ3UT09>

Meeting ID: 237 576 0989, Passcode: f1bYaP

Time	Topic
9:00 – 9:10 am	<p>Reginald Kornegay, CFDMC Board Chair            Welcome &amp; Introductions</p> <p><b>If virtual, please confirm your attendance by putting your name and organization name in the chat function, or by emailing your name and organization to <a href="mailto:info@centralfladisaster.org">info@centralfladisaster.org</a></b></p>
9:10 – 9:30 am	<p>Region 5 Incident Management Team Update            Nick Gerth, Team Commander</p>
9:30 – 10:00 am	<p>2024 Hurricane Season Briefing            Will Ulrich, Warning Coordination Meteorologist            National Weather Service</p>
10:00 – 10:30 am	<p>Weapons of Mass Destruction-Civil Support Team 101 (WMD-CST)            Capt Brian Eppers, 44<sup>th</sup> WMD-CST Medical Operations Officer</p>
10:30 – 10:45 am	<p>Networking Break</p>
10:45 – 11 am	<p>Self-Care Check-up            Lynda D. W.G. Mason, CFDMC Treasurer</p>
11:00 – 11:45 am	<p>What's Ahead            Eric Alberts, CFDMC Vice Chair</p> <ul style="list-style-type: none"> <li>• Contract Update</li> <li>• 2024-2025 Work Plan and Budget</li> <li>• Member Input</li> </ul>
11:45 - Noon	<p>Coalition Wrap-up: Reginald Kornegay</p> <ul style="list-style-type: none"> <li>• Other Announcements</li> <li>• September Meeting</li> <li>• Meeting Evaluation (e-survey following meeting)</li> </ul>

# Self-Care Checkup

Self-care activities help us enhance our well-being and maintain good mental health.

They can include habitual, routine activities such as eating well and getting regular exercise, which often get neglected during particularly difficult or stressful periods in our lives.

Becoming aware of how often, or how well, we practice self-care activities can help us identify areas we are neglecting and improve upon them for better mental health.

## Instructions

This *Self-Care Checkup* can help you consider the frequency and quality of your self-care in five important life domains:

- **Emotional**
- **Physical**
- **Social**
- **Professional;** and
- **Spiritual self-care.**

Using the key provided below, rate how well, or how frequently, you believe that you engage in each activity between your therapy sessions.

It's important to remember the list is not exhaustive - some activities may not appeal to you at all, or you may feel that others are missing.

If you think of ideas that you'd like to add to the list, use the spaces provided.

1	<i>I rarely do this</i>	<i>I don't do this well</i>
2	<i>I sometimes do this</i>	<i>I'm average at doing this</i>
3	<i>I do this often</i>	<i>I do this very well</i>
<input type="checkbox"/>	<i>I'd like to do this more often</i>	<i>I'd like to become better at this</i>

Emotional Self-Care		
1 2 3	<input type="checkbox"/>	Enjoying hobbies
1 2 3	<input type="checkbox"/>	'Unplugging' from technology (e.g. email, social media)
1 2 3	<input type="checkbox"/>	Expressing emotions and feelings (e.g. talking, journaling)
1 2 3	<input type="checkbox"/>	Appreciating own talents, accomplishments, and strengths
1 2 3	<input type="checkbox"/>	Taking days off/rest days from responsibilities
1 2 3	<input type="checkbox"/>	Learning about or exploring new things (e.g. hobbies, foreign languages)
1 2 3	<input type="checkbox"/>	Practicing self-nurturing activities (e.g. long bath, gentle walk)
1 2 3	<input type="checkbox"/>	Laughing about things
1 2 3	<input type="checkbox"/>	Taking a holiday, escape, or mini-break
1 2 3	<input type="checkbox"/>	General emotional self-care
1 2 3	<input type="checkbox"/>	

Physical Self-Care		
1 2 3	<input type="checkbox"/>	Attending health upkeep appointments (e.g. dental or GP checkups)
1 2 3	<input type="checkbox"/>	Resting when unwell
1 2 3	<input type="checkbox"/>	Drinking enough water
1 2 3	<input type="checkbox"/>	Getting sufficient sleep
1 2 3	<input type="checkbox"/>	Enjoying group exercise (e.g. gym classes, hobbies)
1 2 3	<input type="checkbox"/>	Eating regular meals
1 2 3	<input type="checkbox"/>	Exercising out of doors
1 2 3	<input type="checkbox"/>	Maintaining good hygiene
1 2 3	<input type="checkbox"/>	Eating a healthy diet
1 2 3	<input type="checkbox"/>	General physical self-care
1 2 3	<input type="checkbox"/>	

Social Self-Care					
1	2	3	<input type="checkbox"/>	Making time for friends or family	
1	2	3	<input type="checkbox"/>	Staying in contact with distant connections (e.g. Skype, Facetime)	
1	2	3	<input type="checkbox"/>	Engaging in mentally stimulating discussions	
1	2	3	<input type="checkbox"/>	Being intimate/romantic with partner	
1	2	3	<input type="checkbox"/>	Asking for help when you require it	
1	2	3	<input type="checkbox"/>	Doing fun activities with others/ enjoyable group activities	
1	2	3	<input type="checkbox"/>	Spending quiet private time with partner	
1	2	3	<input type="checkbox"/>	Making new friends/talking to new people	
1	2	3	<input type="checkbox"/>	Overall social self-care	
1	2	3	<input type="checkbox"/>		

Professional Self-Care					
1	2	3	<input type="checkbox"/>	Seeking support when it's required at work	
1	2	3	<input type="checkbox"/>	Maintaining a comfortable or pleasant work environment	
1	2	3	<input type="checkbox"/>	Socializing or bonding with co-workers	
1	2	3	<input type="checkbox"/>	Balancing work and leisure activities	
1	2	3	<input type="checkbox"/>	Accepting stimulating/interesting new tasks or projects	
1	2	3	<input type="checkbox"/>	Taking lunch breaks/regular work breaks	
1	2	3	<input type="checkbox"/>	Turning down unnecessary/ unreasonable tasks	
1	2	3	<input type="checkbox"/>	Pursuing further professional development opportunities	
1	2	3	<input type="checkbox"/>	Seeking recognition/promotion/reward where deserved	
1	2	3	<input type="checkbox"/>	General professional self-care	
1	2	3	<input type="checkbox"/>		

Spiritual Self-Care				
1	2	3 <input type="checkbox"/>	Enjoying outdoor/nature time	
1	2	3 <input type="checkbox"/>	Volunteering for charity/community	
1	2	3 <input type="checkbox"/>	Religious practice	
1	2	3 <input type="checkbox"/>	Practicing gratitude	
1	2	3 <input type="checkbox"/>	Meditating	
1	2	3 <input type="checkbox"/>	Allocating quiet time for reflection	
1	2	3 <input type="checkbox"/>	Applying personal strengths, talents, or values	
1	2	3 <input type="checkbox"/>	Appreciating beauty (e.g. music, art, literature)	
1	2	3 <input type="checkbox"/>	General spiritual self-care	
1	2	3 <input type="checkbox"/>		

Join at [menti.com](https://www.menti.com) | use code **8757 1832**



Access Mentimeter by scanning the QR Code  
or going to [www.menti.com](https://www.menti.com) and entering the  
Use Code (8757 1832)







# Central Florida Disaster Medical Coalition (CFDMC) Member Meeting

June 20, 2024– 9 am to 12:00 pm



- ▶ Please place your phone on mute when not speaking
- ▶ Don't place your phone on hold
- ▶ Use either computer audio and mic, or phone, not both – this can cause feedback noise
- ▶ Use the chat feature to raise issues or ask questions
- ▶ We may need to mute all lines. You can unmute yourself by clicking the microphone icon



## Reginald Kornegay, 2024 CFDMC Board Chair

- ▶ Welcome & Announcements
- ▶ Introductions

Note:

- \*In person, please sign in at back of room
- \*For those on webinar, please submit your name/organization in chat
- \*For those on the phone, please email your name and organization to [info@centralfladisaster.org](mailto:info@centralfladisaster.org)

# Region 5 Incident Management Team

## Nick Gerth, Team Commander





# IMT Presentation

CFDMC June 24

# About the IMT

- Serves as a forward operating element for the State EOC
- Supports regional response and recovery efforts
- Augments local jurisdictions during special events or emergency situations
- Provides an avenue for advanced NIMS/ICS training and qualification



# Membership Requirements

## Florida Division of Emergency Management

- Two years of experience
- Demonstrate necessary knowledge, skills, and abilities in a deployment environment
- Functional knowledge of NIMS/ICS

## Central AHIMT

- SMAA Signer or State Deployable Agency
- Attend at least two (2) meetings annually
- Participate in an exercise, activation, or deployment annually
- Participate in 75% of roster drills
- Submit/renew Agency Endorsements biennially.

# Training Requirements

Course	Online / In Class
IS-100 "Introduction to ICS"	
IS-200 "Basic ICS for Initial Response"	
IS-700 "NIMS, An Introduction"	Online
IS-800 "NRF, An Introduction"	
IS-2200 "Basic EOC Functions"	
G-191 "EOC/ICS Interface"	
G-300 "Intermediate ICS"	In Class
G-400 "Advanced ICS"	
G-2300 "Intermediate EOC Functions"	

Must meet within one (1) year of joining the AHIMT





# Administrative Process

## Four (4) Step Process:

1. Complete Online App
2. Conduct Phone Screening
3. Endorsement Letter
4. Orientation

Status	Count
Under Review	0
Active	45
Awaiting Endorsement	3
Scheduled Screening	0
<i>As of 6/17/24</i>	

## Role Assignments:

- Qualified
- Trainee
- Provisional

Status	Count
Provisional	24
Trainee	14
Qualified	7
<i>As of 6/17/24</i>	



# Team Highlights

## Activations/Deployments

- 2023 Idalia (Hamilton County)
- 2024 Central IMT Mobilization Exercise
- 2024 Haiti Humanitarian Relief (MCO Airport)
- 2024 EMAC Oklahoma (Barnsdall, OK)

## Trainings with CFDMC

- L952 “PIO” –Dec 2023 –Lake –16
- L973 “FSC” –Feb 2024 –Lake –9
- L970 “SUPL” –May 2024 –Volusia –*Cancelled*
- L964 “SITL” –June 2024 –Seminole –12 (registered)
- O305 “AHIMT” –July 2024 –Lake –31 (registered)
- L950 “IC” –Nov 2024 –Lake –5 (registered)



# Obstacles & Opportunities

- Community understanding the team's mission
- No direct source of funding
- Minimal assets, reliant on state and regional partners
- Limited opportunities for training and deployment
- Continual engagement of team members



# CONTACT US



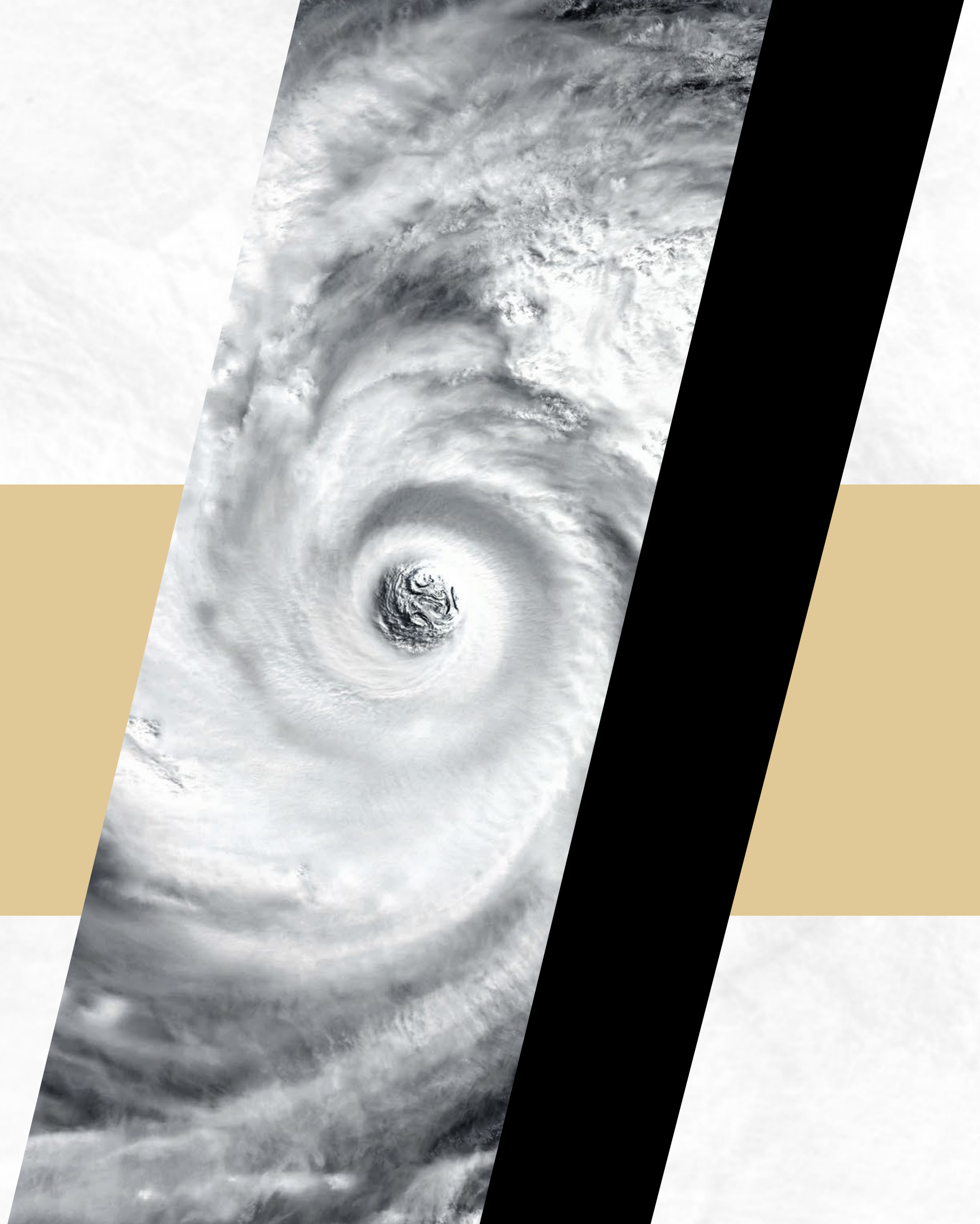
352-460-2633



centralahimtic@gmail.com



Central FL All Hazards  
Incident Management Team





Thank You

FOR YOUR ATTENTION

# 2024 Hurricane Season Outlook

Central Florida Disaster Medical Coalition

June 20, 2024



Will Ulrich

Warning Coordination Meteorologist

[william.ulrich@noaa.gov](mailto:william.ulrich@noaa.gov)





- Tropical Storms & Hurricanes Basics
- What About This Year?
- NWS/NHC Tropical Products & Services
- The Importance of Preparedness

# Tropical Cyclones 101

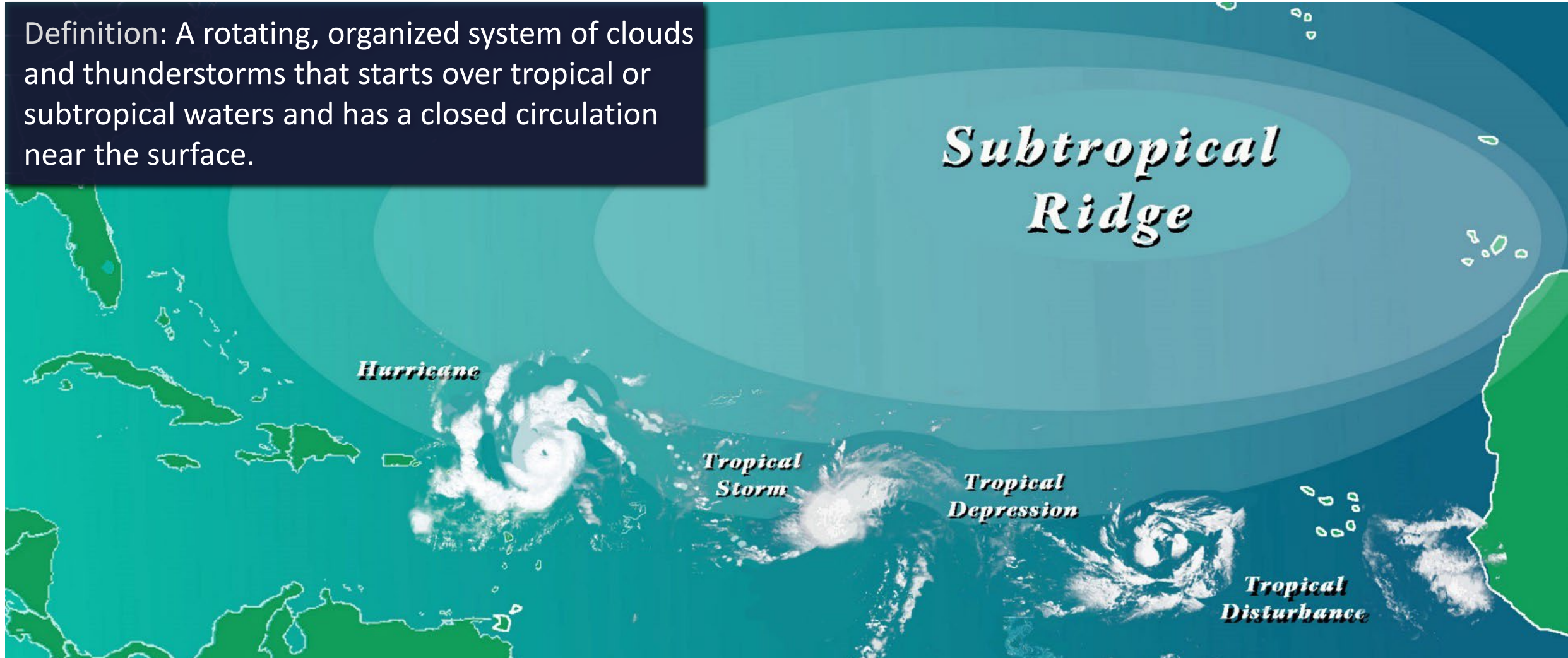


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## Definition

Definition: A rotating, organized system of clouds and thunderstorms that starts over tropical or subtropical waters and has a closed circulation near the surface.





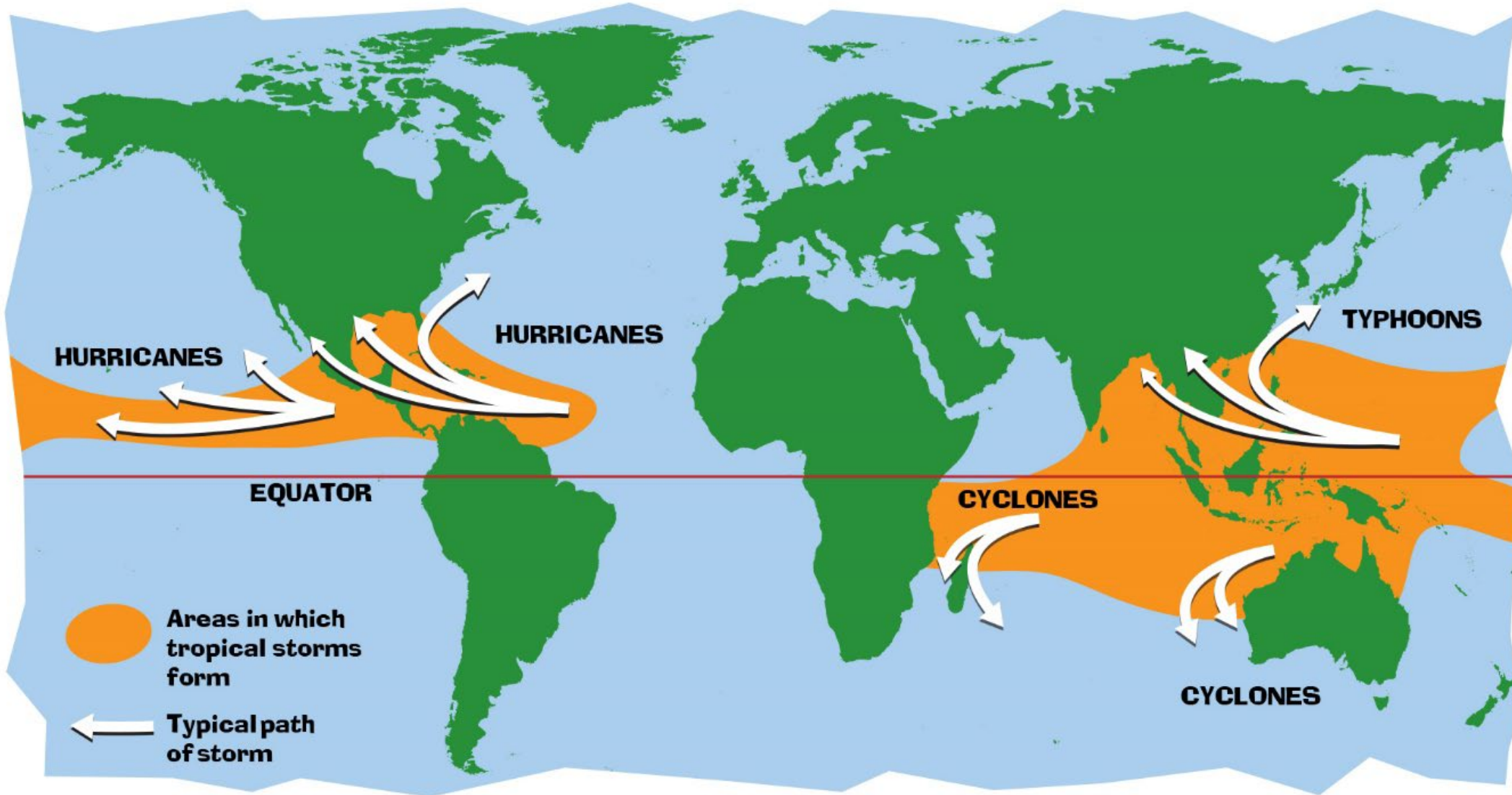
# Tropical Cyclones 101



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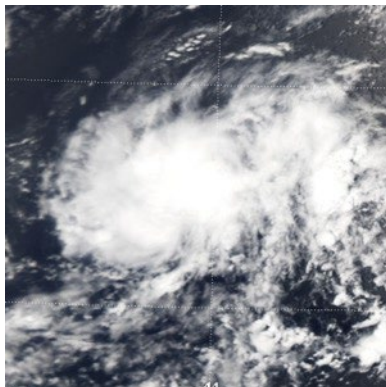
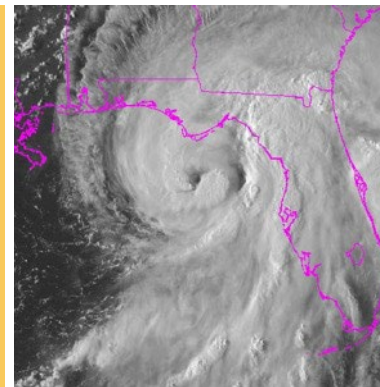


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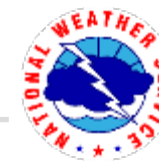
## Development Regions





## Tropical Cyclone Come in All Shapes & Sizes!

<p><b>Tropical Depression</b> (winds at or below 38 mph)</p>		<p><b>Hurricane</b> (winds at or above 74 mph)</p>	
<p><b>Tropical Storm</b> (winds between 39 – 73 mph)</p>		<p><b>Major Hurricane</b> (winds at or above 111 mph)</p>	



## Saffir-Simpson Wind Scale

### Saffir-Simpson Hurricane Wind Scale



**WIND:** 74-95 mph  
**DAMAGE:** Very dangerous winds will produce some damage



**WIND:** 96-110 mph  
**DAMAGE:** Extremely dangerous winds will cause extensive damage



**WIND:** 111-129 mph  
**DAMAGE:** Devastating damage will occur



**WIND:** 130-156 mph  
**DAMAGE:** Catastrophic damage will occur



**WIND:** 157 mph or higher  
**DAMAGE:** Catastrophic damage will occur

Major hurricanes account for only 21% of all US landfalls, but account for 83% of all damage

### DAMAGE POTENTIAL

500x

250x

50x

10x

1x

# Tropical Cyclones 101

## Hazards



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All tropical cyclones can produce one or combination of these!



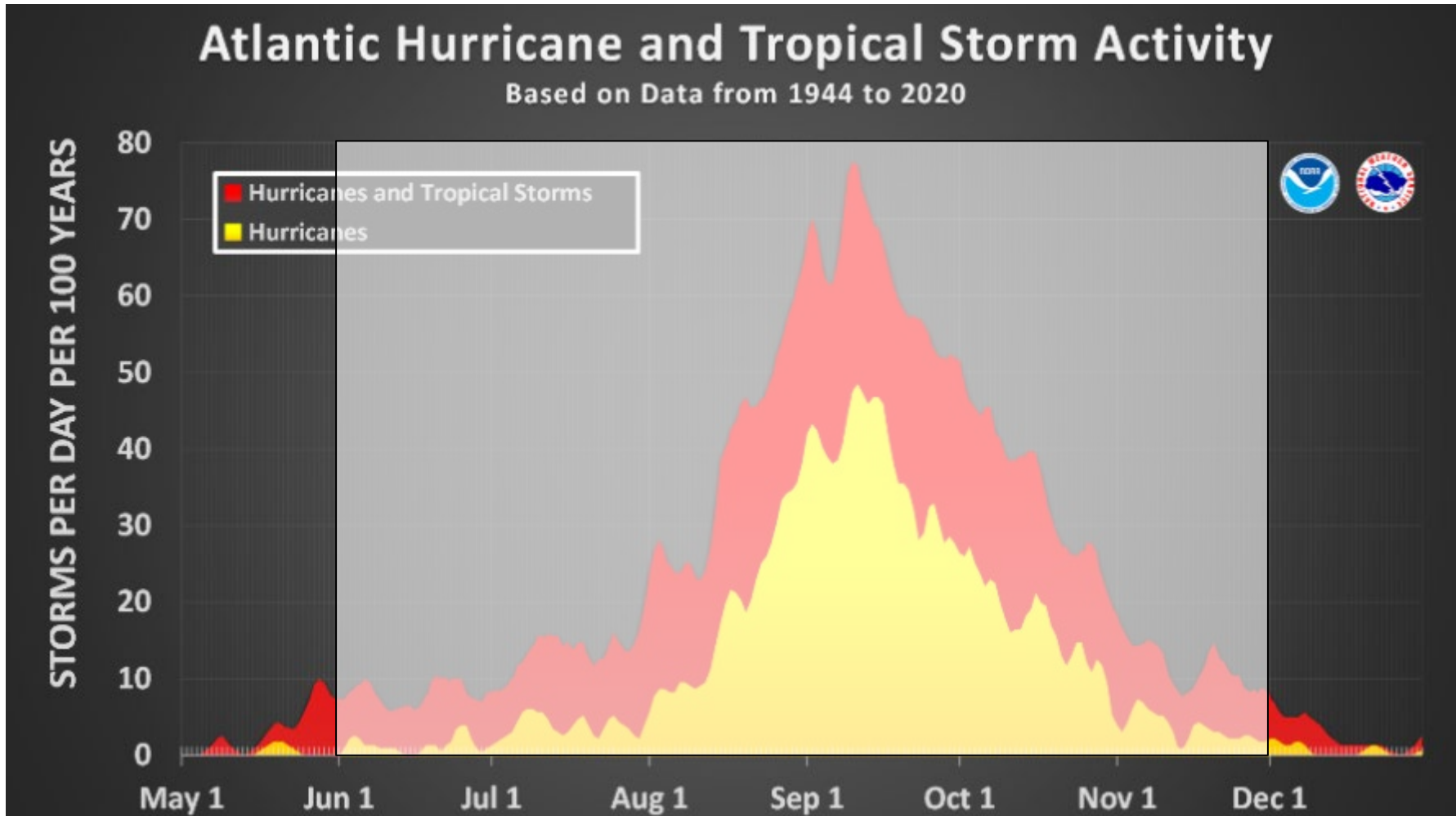
# Tropical Cyclones 101

## Hurricane Season



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**June 1<sup>st</sup>-November 30<sup>th</sup>**  
**Encompasses 96% of All Activity**

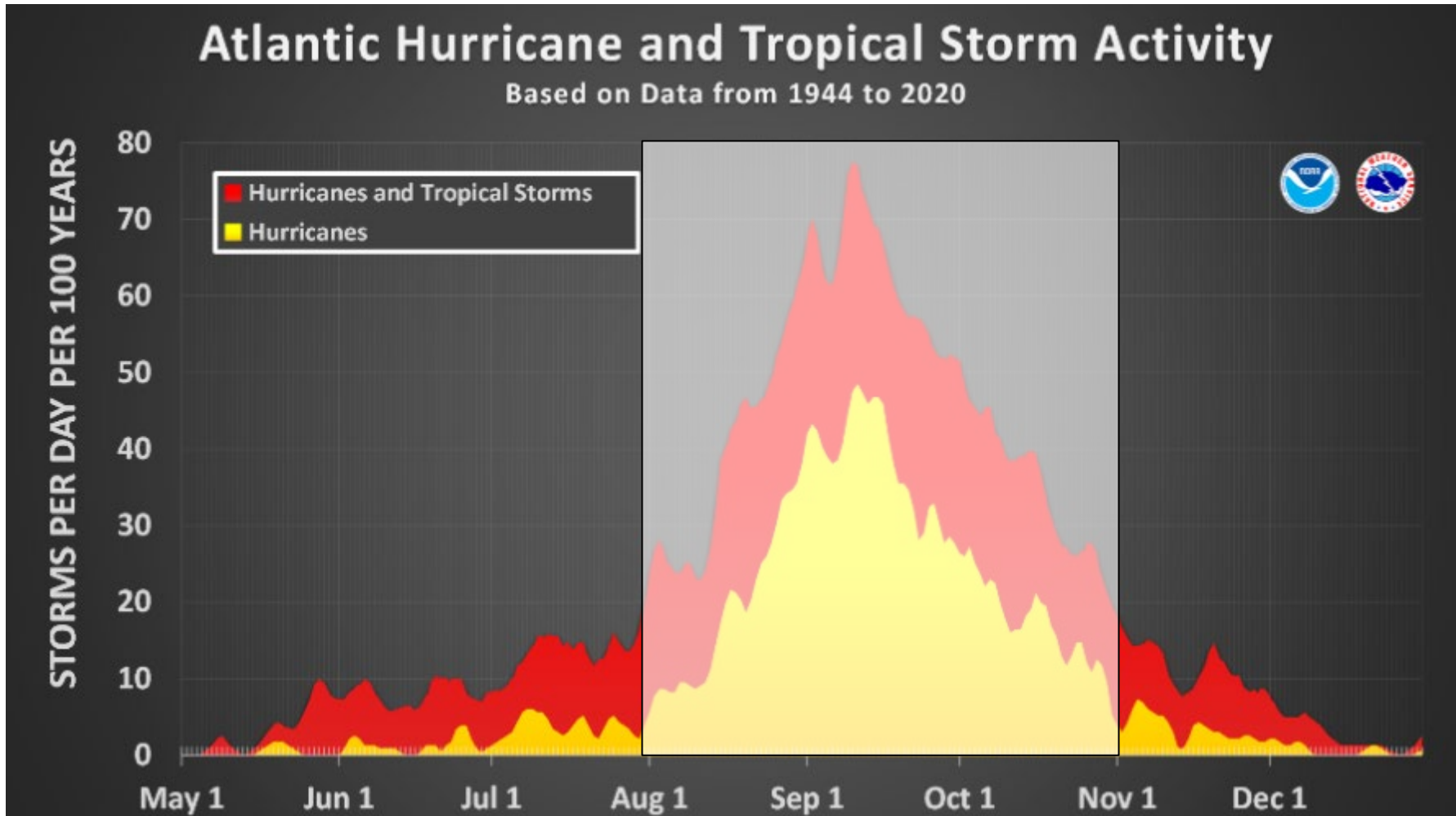
# Tropical Cyclones 101

## Hurricane Season



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**August 1<sup>st</sup> - October 31<sup>st</sup>**

**75 - 80% of Tropical Storms & Hurricanes Form in Aug, Sep, Oct**

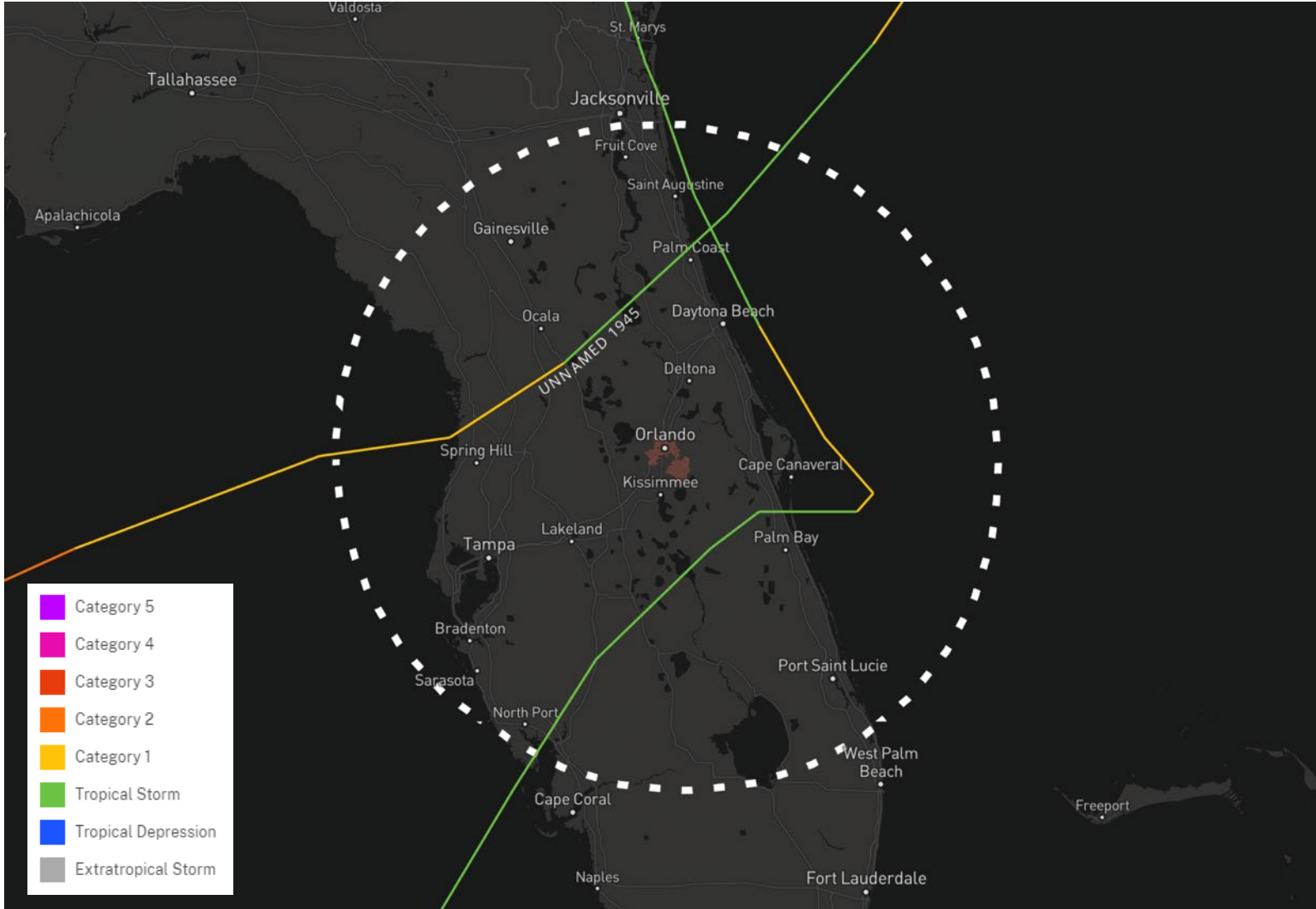
# Tropical Cyclones 101

## June Hurricanes (1851-2023)



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within **100 nm** of  
**Orlando**

**2** Hurricanes

**1** Tropical Storms

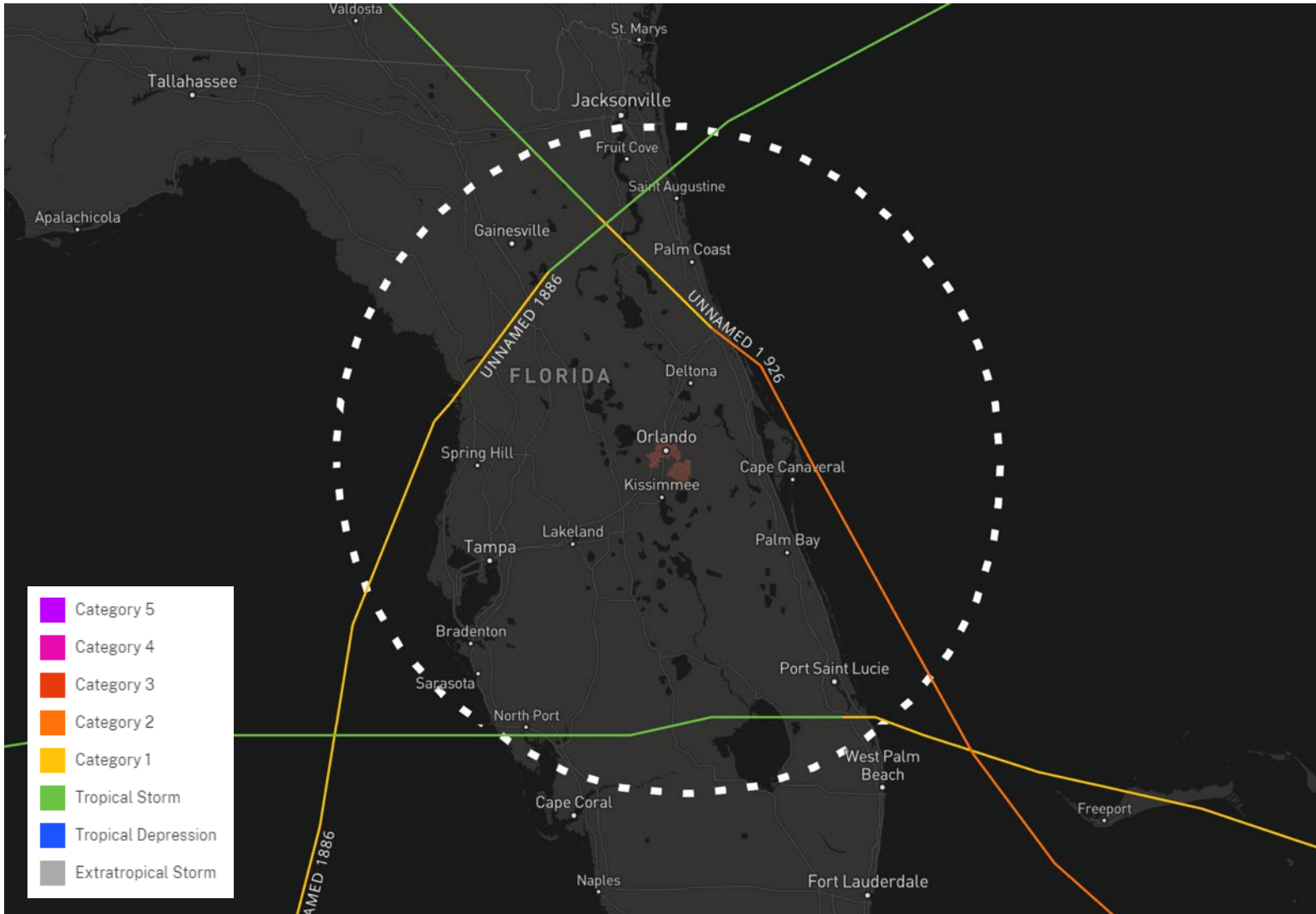
# Tropical Cyclones 101

## July Hurricanes (1851-2023)



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within **100 nm** of  
**Orlando**

-----  
**3** Hurricanes  
**5** Tropical Storms



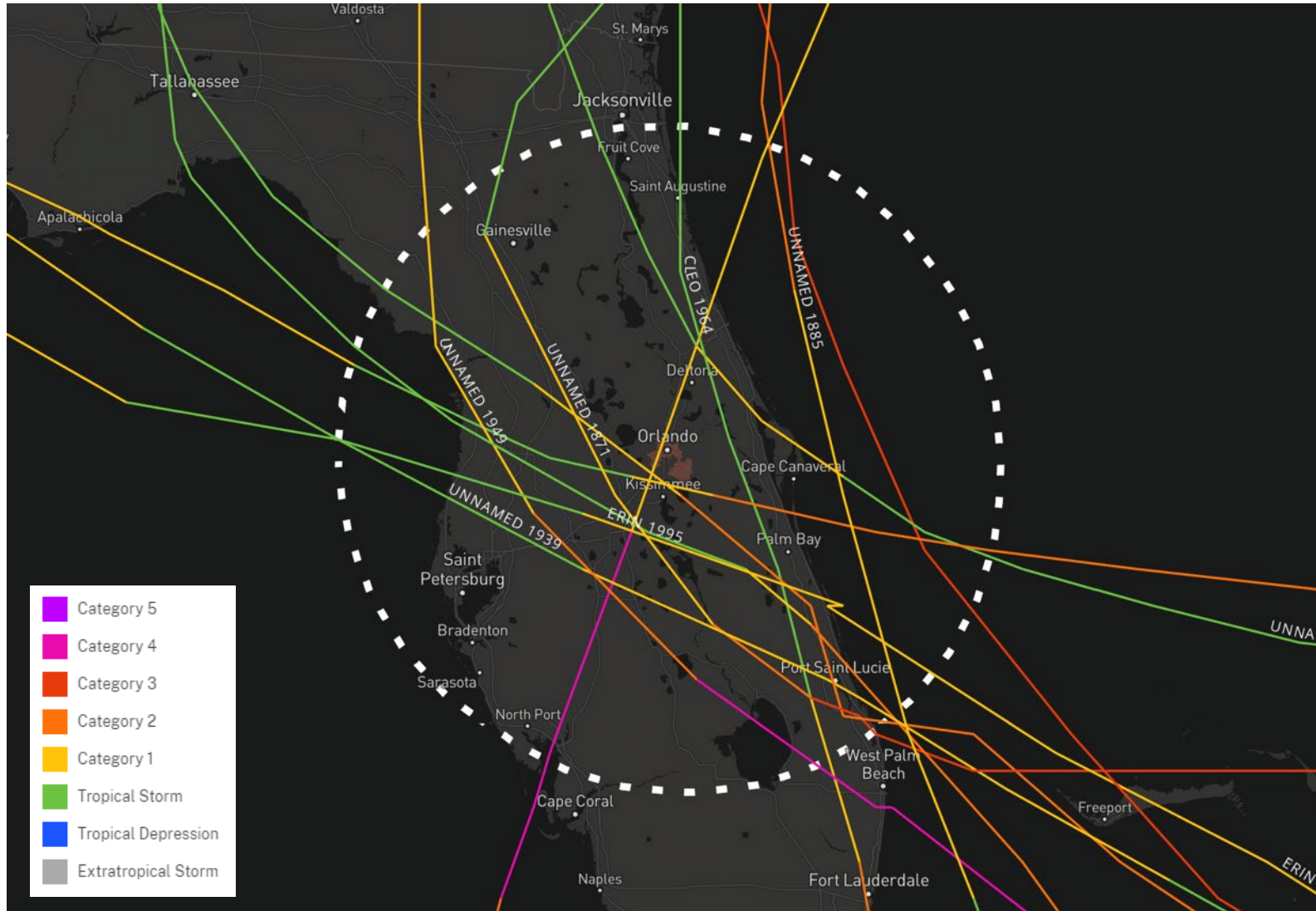
# Tropical Cyclones 101

## August Hurricanes (1851-2023)



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within **100 nm** of  
**Orlando**

**12** Hurricanes

**17** Tropical Storms

# Tropical Cyclones 101

## September Hurricanes (1851-2023)



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within 100 nm of  
**Orlando**

**21** Hurricanes

**18** Tropical Storms

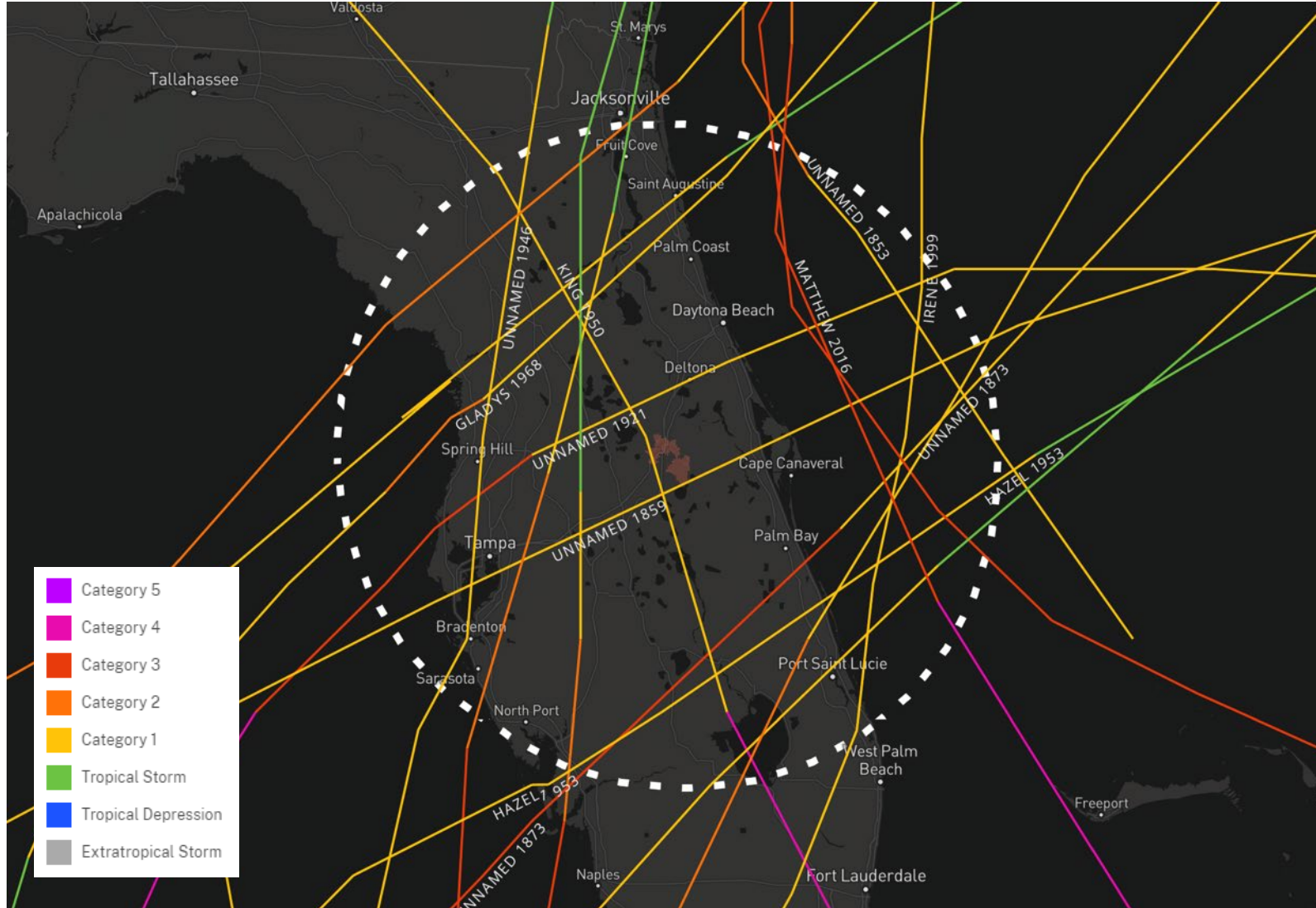
# Tropical Cyclones 101

## October Hurricanes (1851-2023)



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within 100 nm of  
**Orlando**

**17** Hurricanes

**24** Tropical Storms

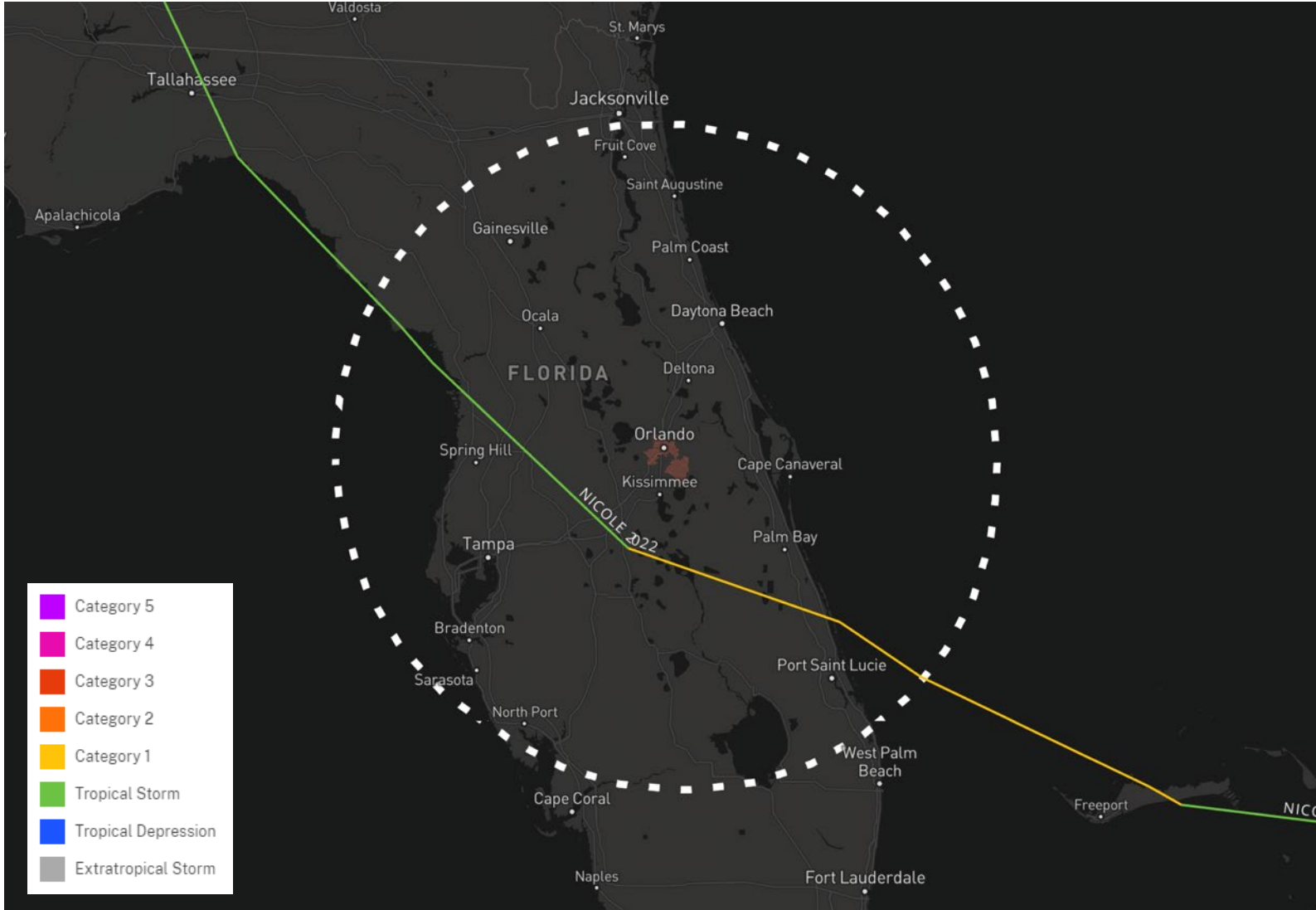
# Tropical Cyclones 101

## November Hurricanes (1851-2023)



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within 100 nm of  
**Orlando**



**1** Hurricanes

**7** Tropical Storms



- Tropical Storms & Hurricanes Basics
- What About This Year?
- NWS/NHC Tropical Products & Services
- A Personal Plea...

# The Forecast

The Season is Brewing...



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	Climatology	Forecast	
	Average	Colorado State	NOAA/NWS
Named Storms	14	23	17 - 25
Hurricanes	7	11	8 - 13
Major Hurricanes	3	5	4 - 7

- An above normal hurricane season is **likely**
- Busier than usual seasons are often associated with more/greater impacts from landfalling systems in the U.S.

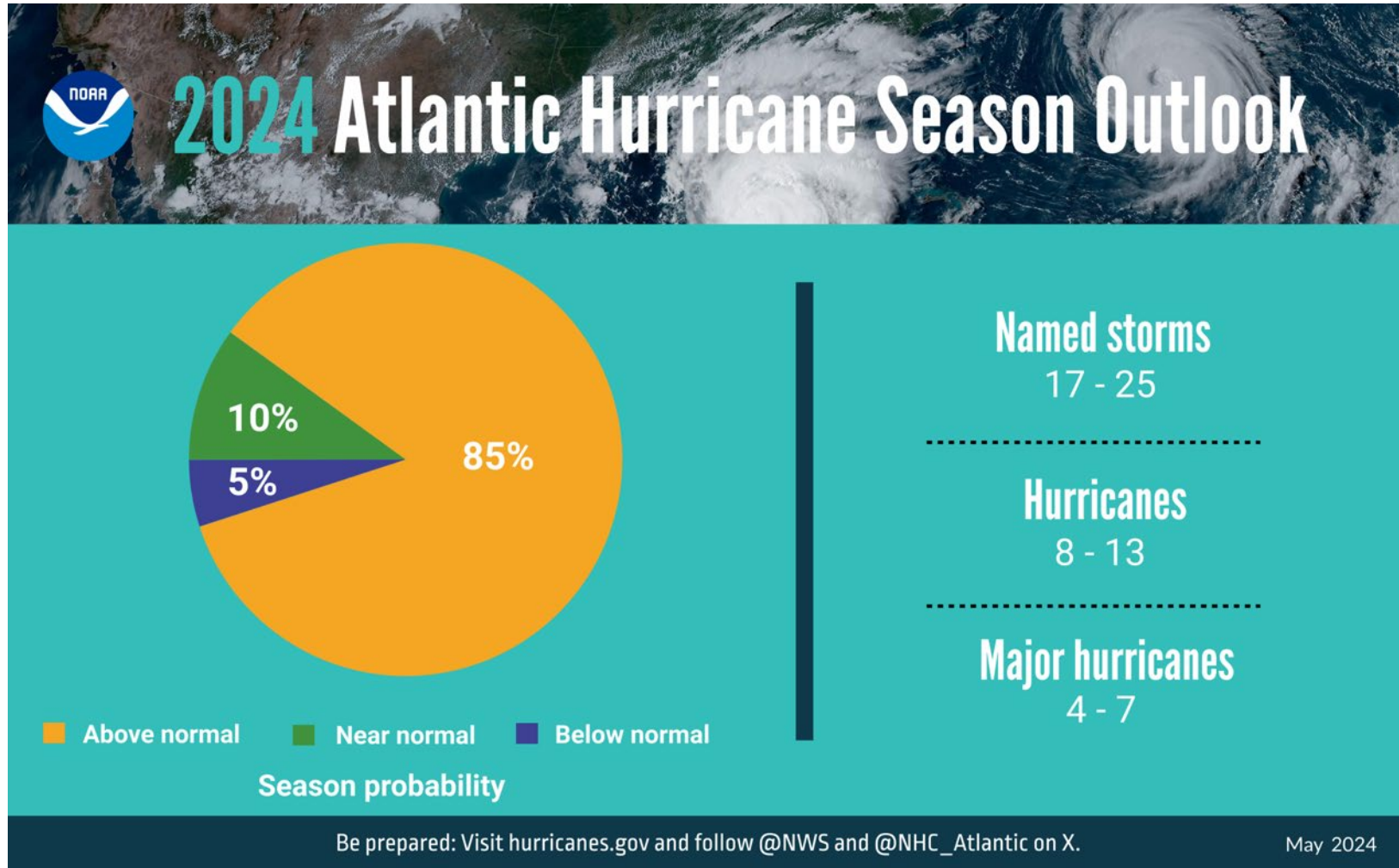
# The Forecast

The Season is Brewing...



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# A Look Ahead

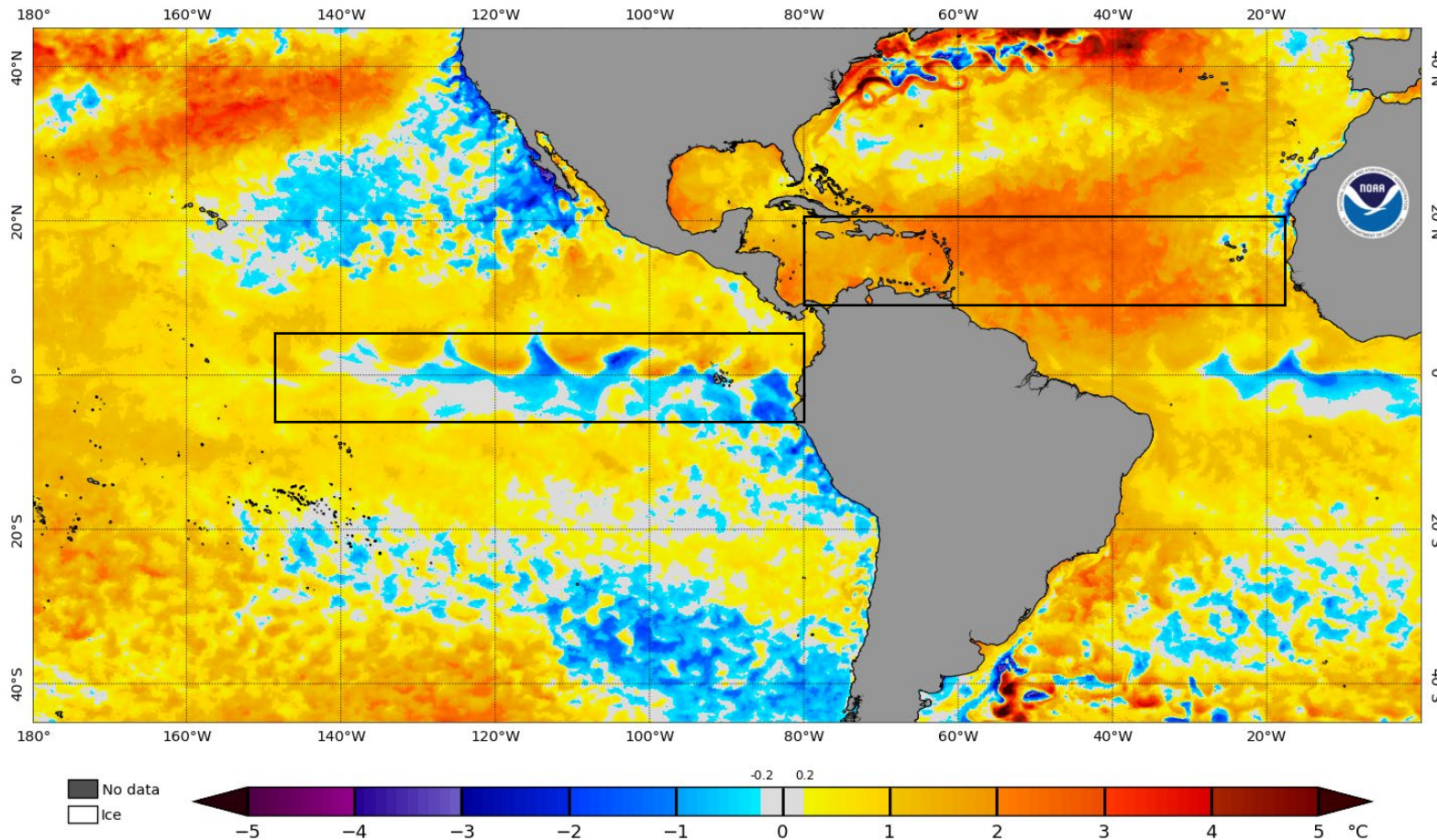
## Hurricane Season



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NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 18 Jun 2024



**Two primary factors are contributing to the above normal forecast:**

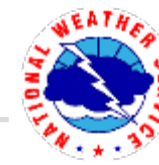
1. Developing La Niña in the eastern Pacific Ocean.
2. Above normal water temperatures across the Atlantic Ocean.





- Tropical Storms & Hurricanes Basics
- What About This Year?
- NWS/NHC Tropical Products & Services
- Hurricane Preparedness & Safety

# Tropical Products & Services



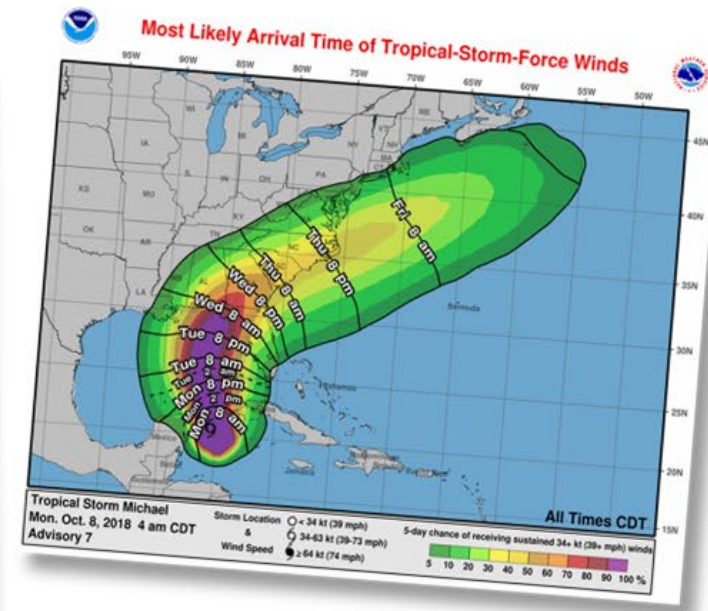
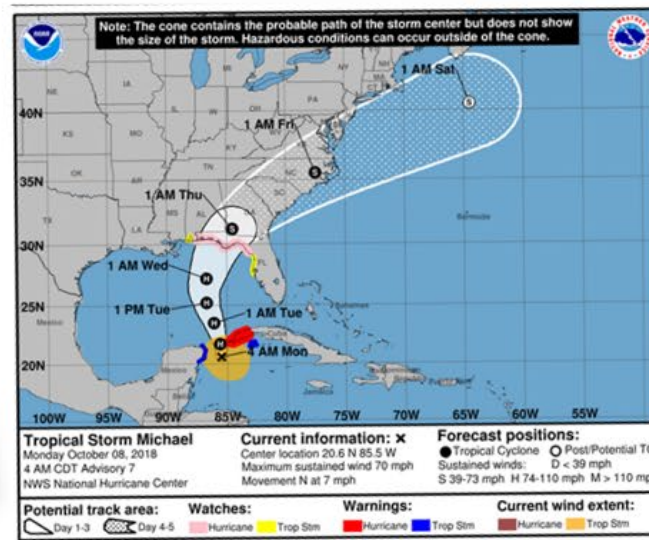
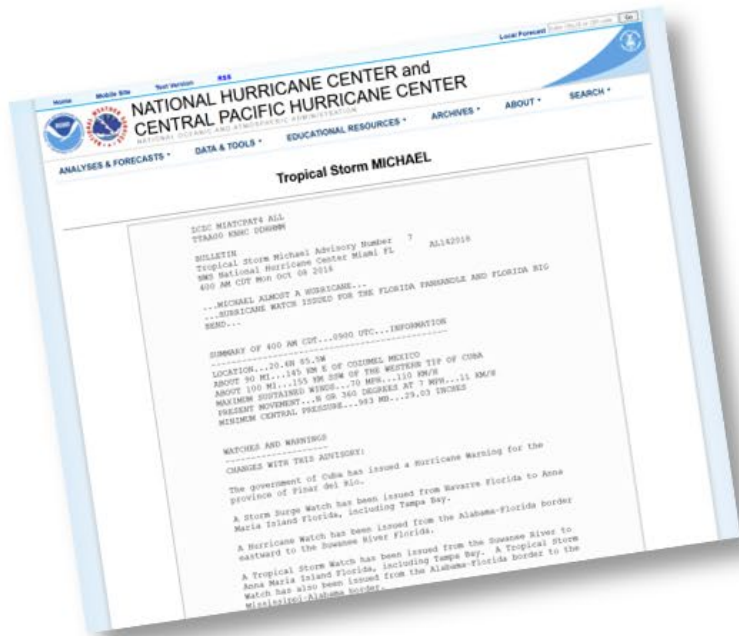
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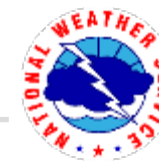
## National Center(s) Role

- National Hurricane Center
- Weather Prediction Center
- Storm Prediction Center
- National Water Center

...provide the 'big picture' that complements and guides local NWS forecast office products



# Tropical Products & Services



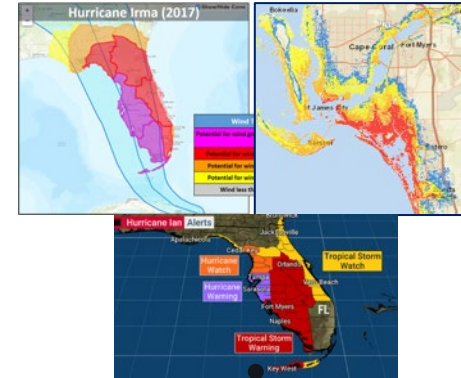
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## Timeline



- Tropical Weather Outlook



- Tropical Watches & Warnings
- Potential & Expected Storm Surge
- Hurricane Threats & Impacts

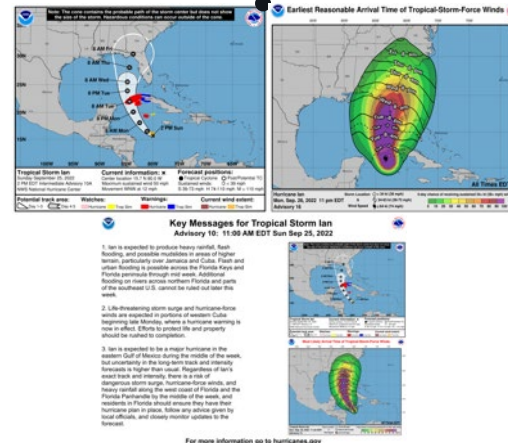
Days 6-7

Day 3-5

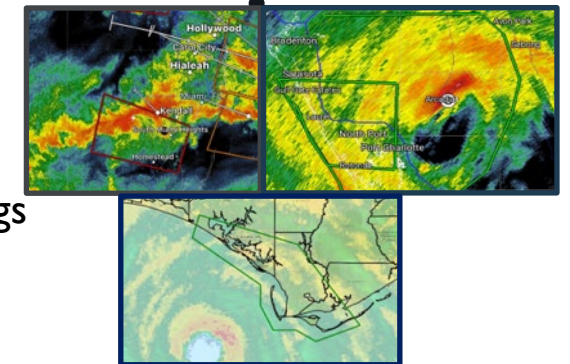
Days 1-2

Impact Day

- Potential Track Forecast
- Wind Speed Probabilities
- Time of Arrival Graphics
- NHC Key Messages



- Tornado Warnings
- Extreme Wind Warnings
- Flash Flood Warnings



# Tropical Products & Services



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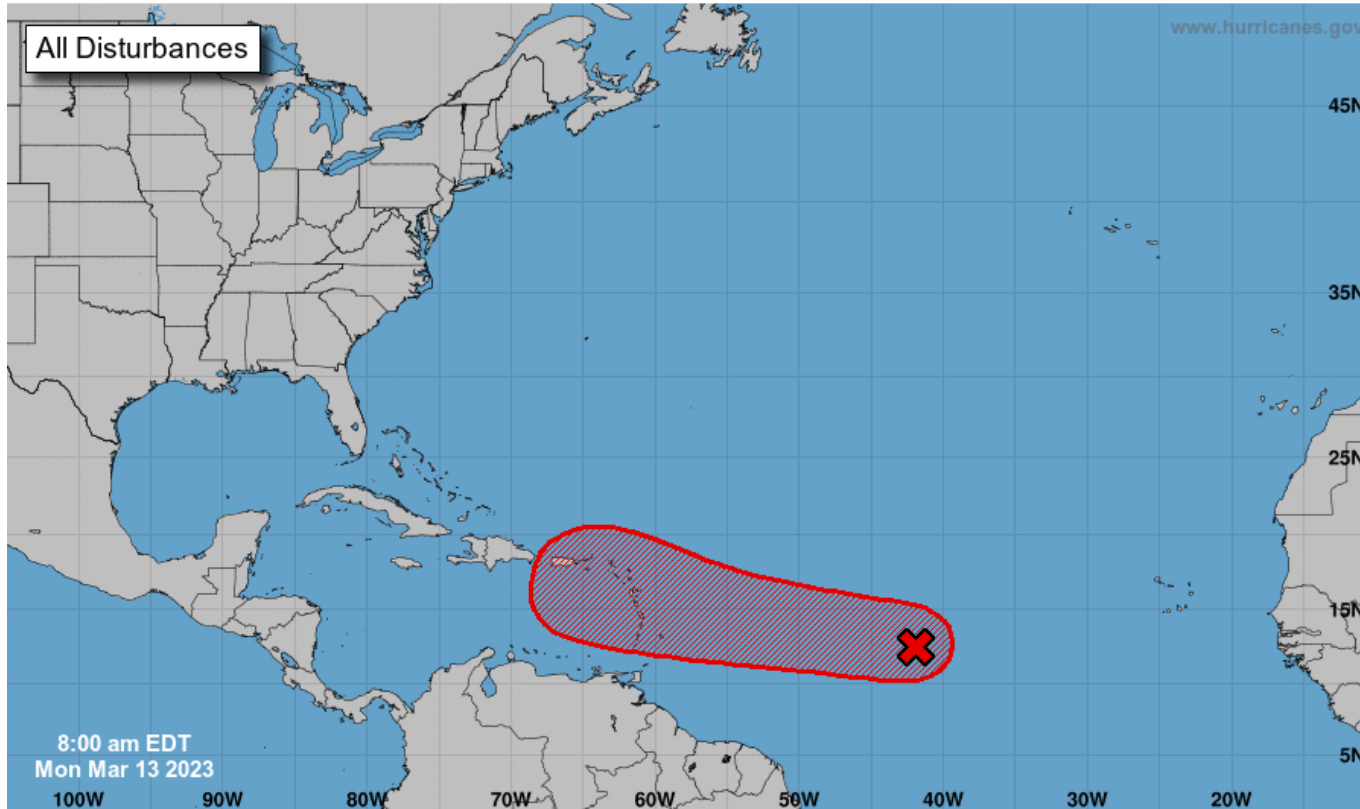
Melbourne Florida

## Tropical Weather Outlook



### Seven-Day Graphical Tropical Weather Outlook

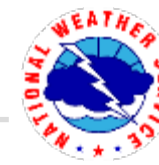
National Hurricane Center Miami, Florida



- Highlights area of potential tropical development over the next 7 days
- Shading represents the potential formation area and NOT the track of the system

Current Disturbances and Seven-Day Cyclone Formation Chance: < 40% 40-60% > 60%  
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane  
 Post-Tropical Cyclone or Remnants

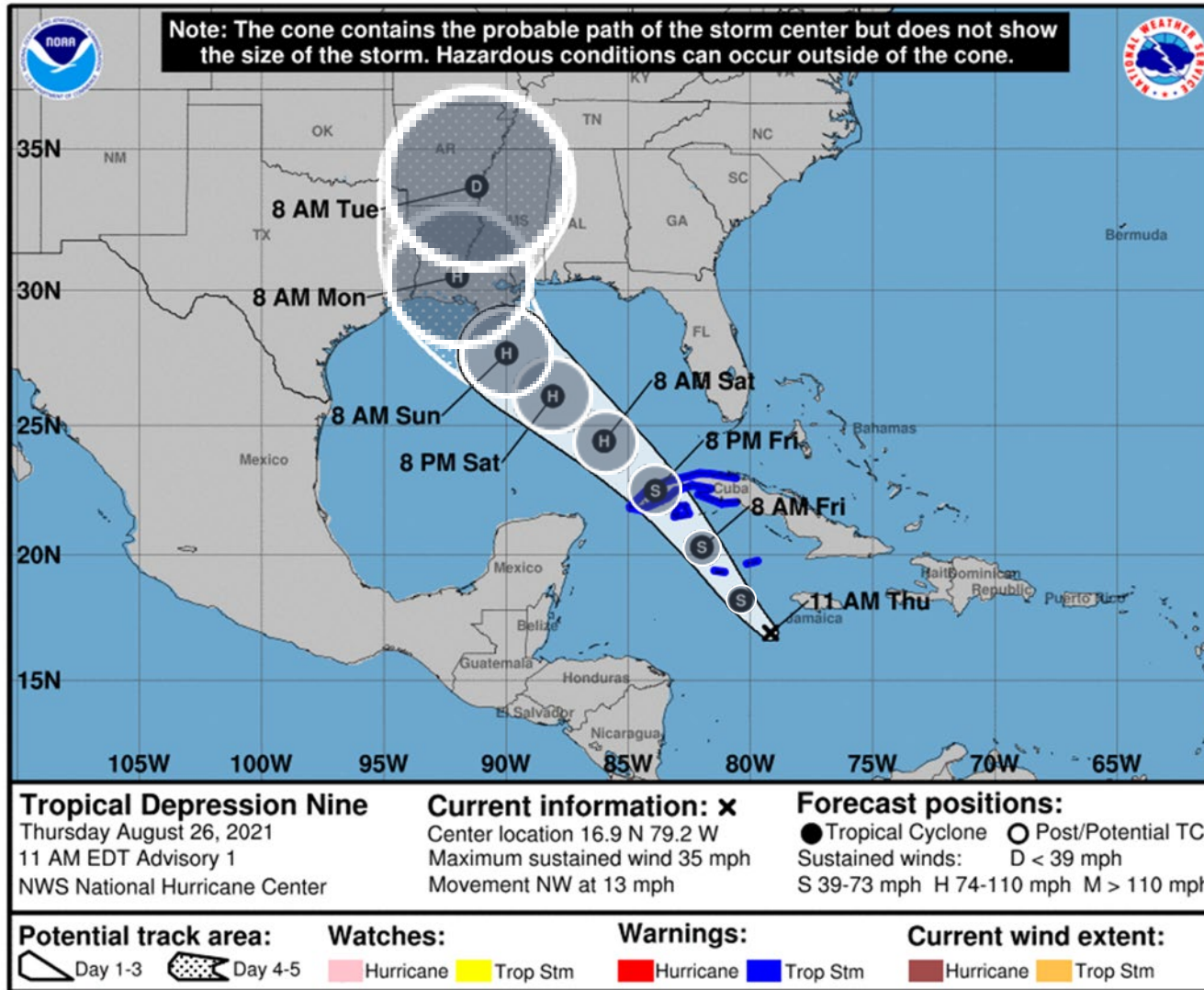
# Tropical Products & Services



WEATHER FORECAST OFFICE

Melbourne Florida

## Potential Track Forecast



- Depicts the most likely track (2/3<sup>rd</sup> of the time) of the center of the storm
- Based on NHC's performance over the past five years
- Does NOT convey impacts



Information about the NHC cone and reminders

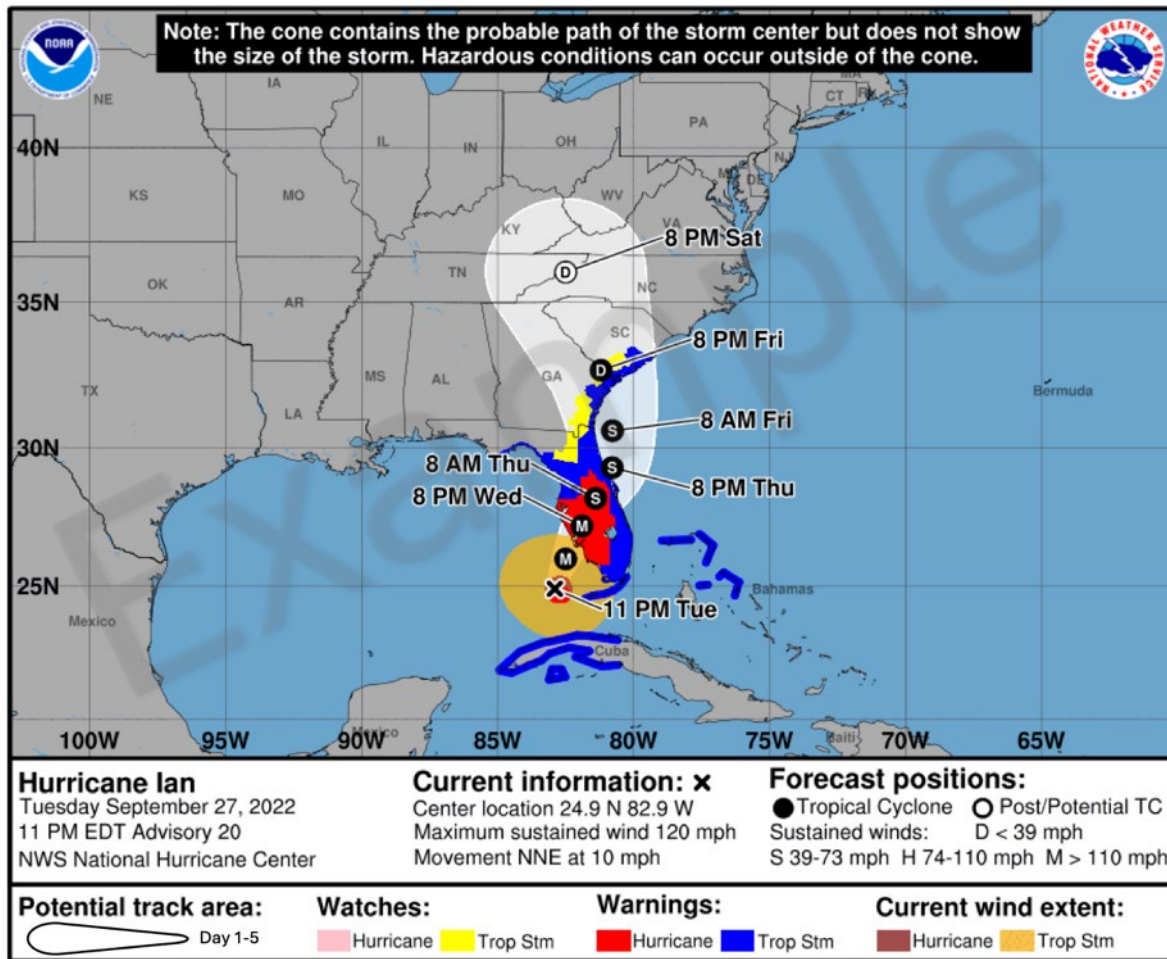
# Ahead of the Season

## Biggest Change From NHC

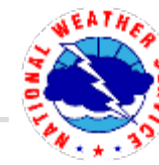


WEATHER FORECAST OFFICE

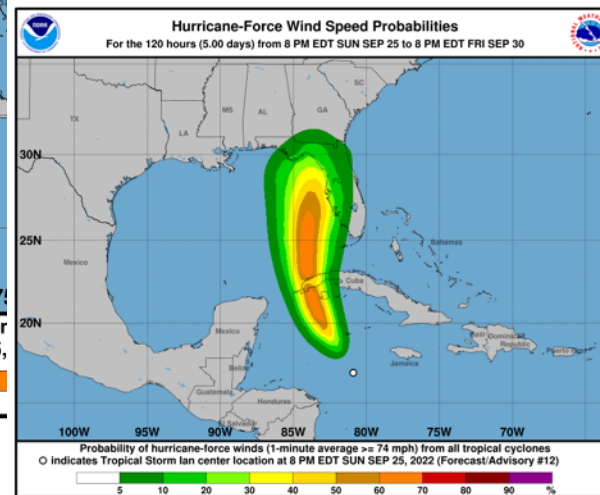
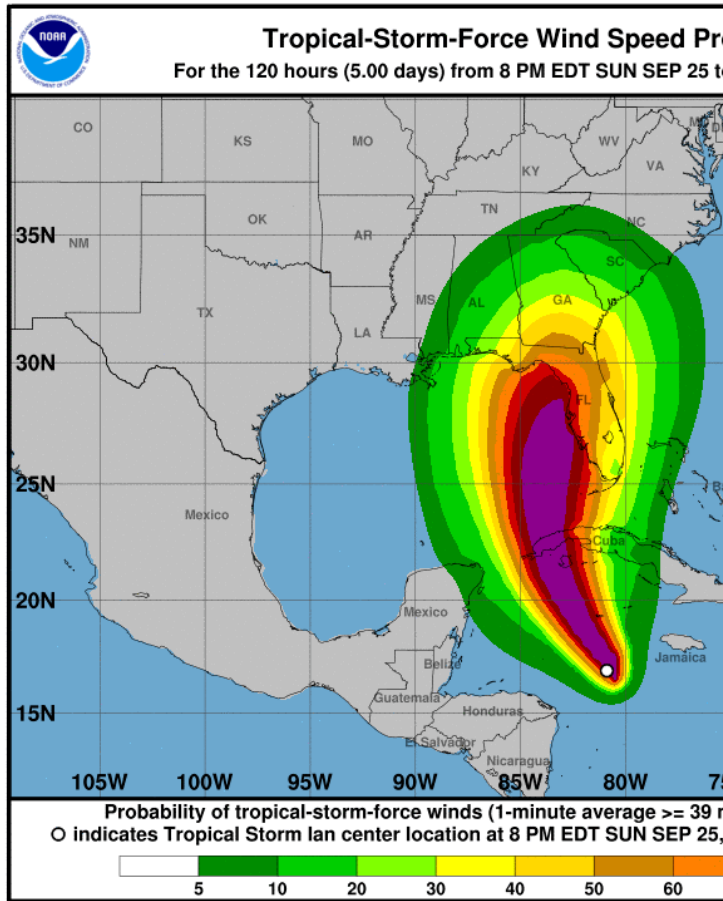
Melbourne Florida



- New experimental cone graphic will depict wind watches and warnings beginning on or around August 15, 2024
- Goal is to help convey wind hazard risk over land (taking away attention from cone graphic to focus on impacts)



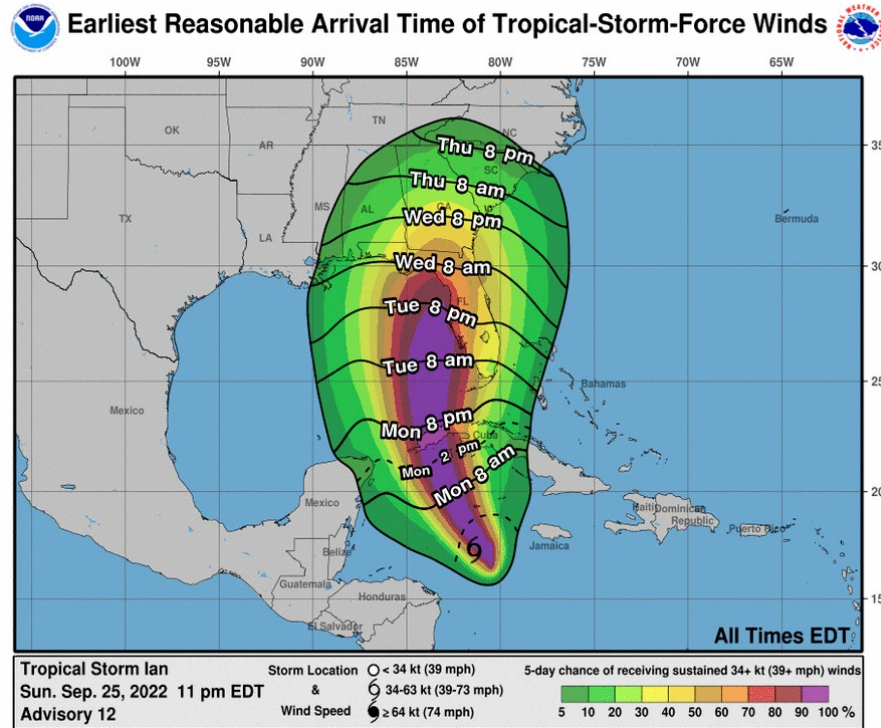
## Wind Speed Probabilities



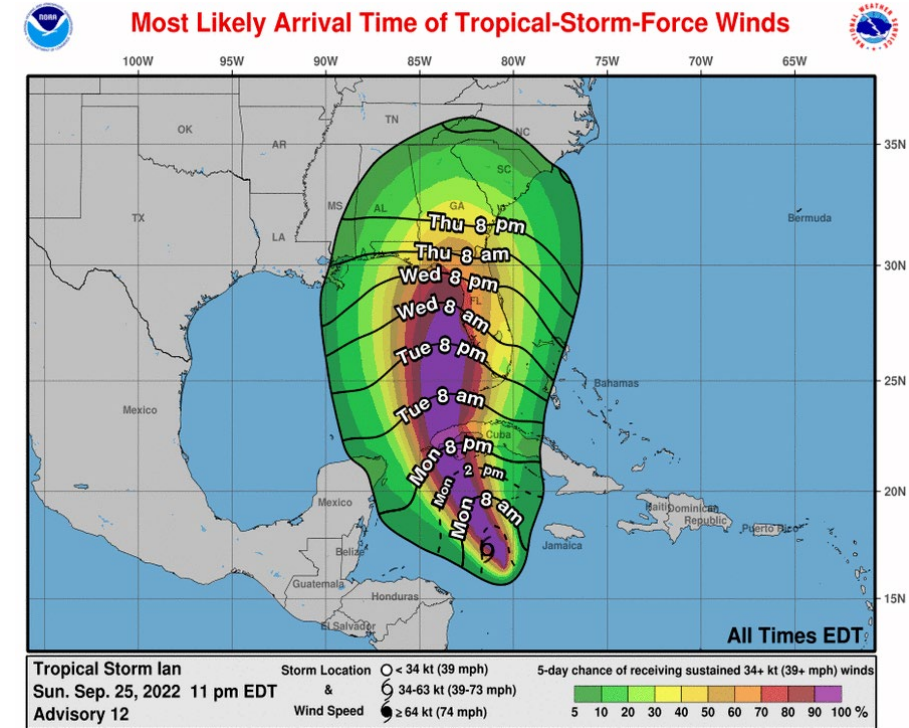
- Depicts cumulative probability of tropical winds for a specific location over the next 5 days
- Based on 1,000 realistic alternative scenarios that takes into account more than just the forecast track and intensity including:
  - Climatology
  - Past track and intensity forecasts
  - Forecast model spread (uncertainty)



## Time of Arrival Graphics



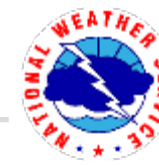
- Only 1 in 10 chance (10%) of tropical storm force winds arriving earlier than noted time
- Best for users with low risk tolerance



- Equal chances (50%) of tropical storm force winds arriving before or after the time listed
- Preparations should be completed by this time



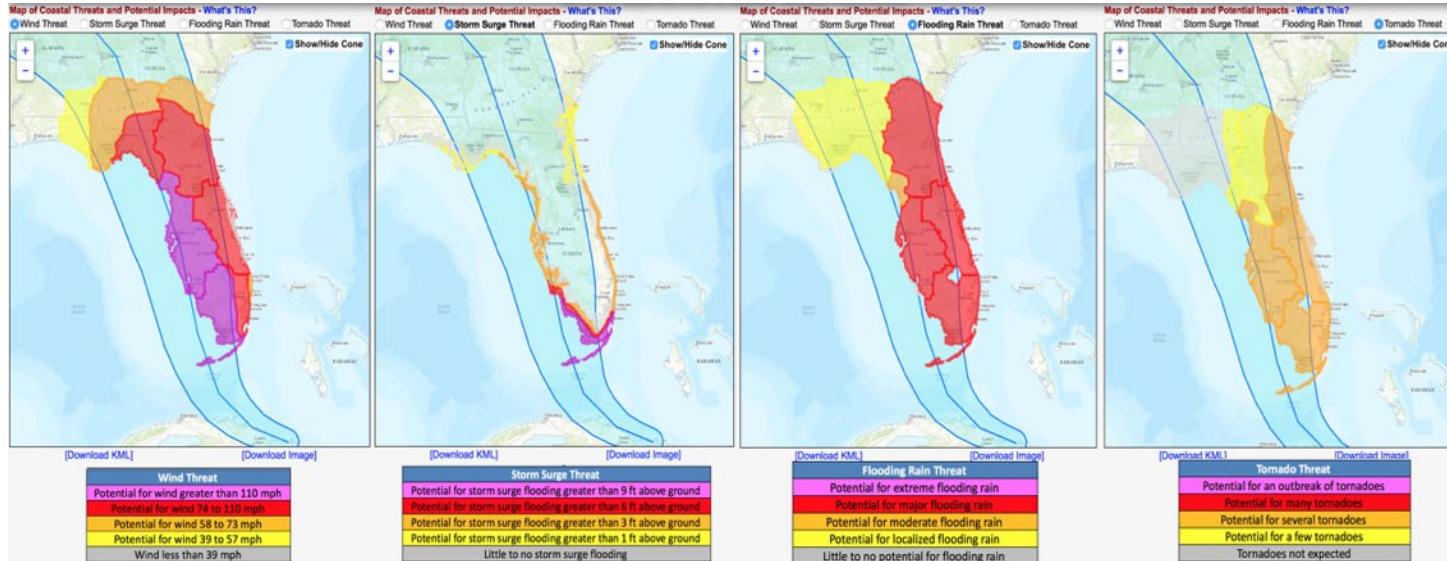
# Tropical Products & Services



WEATHER FORECAST OFFICE

Melbourne Florida

## Hurricane Threats & Impacts (HTI)



*Responsible forecast information to account for reasonable uncertainty*

- Generated during the watch / warning phase and updated every six hours
- Considers uncertainty in the forecast track

**Answers the Question:**  
“What Should We Prepare For?”  
NOT  
“What Can We Expect?”



### Wireless Emergency Alerts

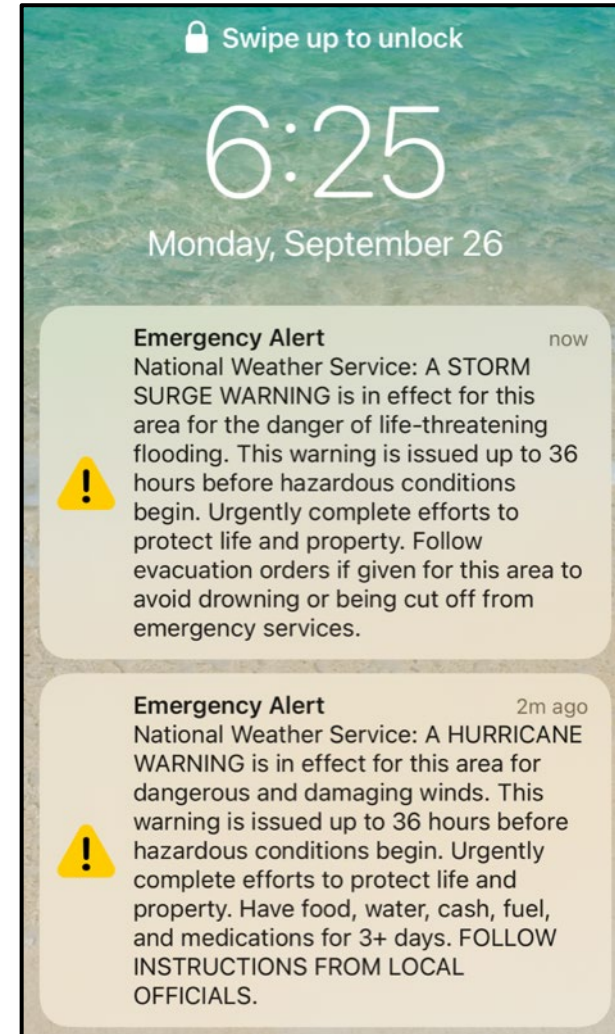
- Wireless Emergency Alert (WEA) is an alerting network in the United States designed to disseminate emergency alerts to mobile devices

#### Tropical WEA Types

Hurricane Warnings

Storm Surge Warnings

Extreme Wind Warnings

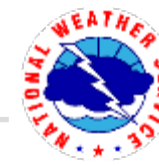




- Tropical Storms & Hurricanes Basics
- What About This Year?
- NWS/NHC Tropical Products & Services
- A Personal Plea...

# Ahead of the Season

## Stick With Trusted Sources



WEATHER FORECAST OFFICE

Melbourne Florida

18z hurricane models are in - HWRF and CMC track #Ian near/over Tampa and UKMET has a track over Naples. Most other models are clustered around Venice. #HurricaneIan #flwx

**Hurricane IAN Model Track Guidance**  
Initialized at 18z Sep 27 2022  
Levi Cowan - tropicaldbs.com

Big differences with GFS and the hurricane models vs ECMWF, UKMET and ICON, ECMWF having none of what the gfs and hurricane models predict and going into Florida. We shall see what the 12z models bring today #Ian

Interesting look at latest HWRF and HAFS. Kinda heavier top and left. Reminds me of Ian some. spaghettimodels.com

Replying to @tropicalupdate  
The GFS model showing a possible cat 4 hurricane 2 weeks out. I know a lot will change by then, but if it does come up the coast like the model currently shows, it will devastate Volusia county. We still haven't recovered from Ian and Nicole last year

It's about time that we started talking about precipitation estimates along the path of soon to be Hurricane Ian and what better way to start than the fresh ECMWF run. It landfalls at 971 mb just south of the Big Bend and treks through the Deep South before moving out to sea.

- ✓ National Weather Service
- ✓ National Hurricane Center
- ✓ Local Emergency Management
- ✓ Trusted Local Media

# Preparedness is Key


Before The Season...



WEATHER FORECAST OFFICE

Melbourne  Florida

Hurricane Preparedness

weather.gov/hurricane 

## Know Your Risk: Water & Wind



Consider your threats: storm surge, flooding from heavy rain, strong winds, tornadoes, rip currents



Determine if you live in a flood-prone area




Find out if you live in an evacuation zone



Identify your home's structural risks (mobile homes & basements can be especially vulnerable)



Hurricane Preparedness

weather.gov/hurricane 

## Prepare Before Hurricane Season



Develop an evacuation plan



Assemble disaster supplies: food, water, batteries, charger, radio, cash



Get an insurance checkup and document your possessions



Create a communication plan with a hand-written list of contacts

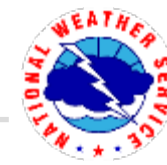


Strengthen your home



# Preparedness is Key


Before & During The Storm...







WEATHER FORECAST OFFICE

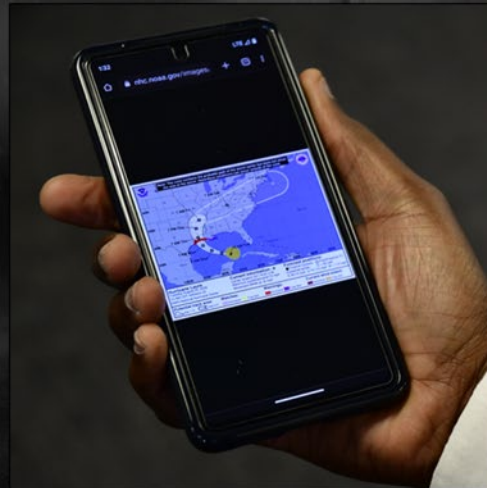
Melbourne  Florida

Hurricane Preparedness


weather.gov/hurricane 

## Understand Forecast Information






-  Rely on forecasts from the National Hurricane Center & your local NWS office
-  Know your alerts & the difference between a Watch and Warning
-  Focus on potential impacts, regardless of storm size or category
-  Know that deadly hazards occur well outside of the Forecast Cone



Hurricane Preparedness

weather.gov/hurricane 


## Get Moving When a Storm Threatens

-  Protect your home: cover windows, secure doors & loose items
-  Determine sheltering options and consider your pets
-  Ready your go-bag, meds & supplies, charge phone, fill up/charge vehicle
-  Help your neighbors, especially the elderly & other vulnerable people
-  Follow evacuation orders if given










### Hurricane Preparedness

[weather.gov/hurricane](https://weather.gov/hurricane) 

## Use Caution After Storms

-  If you evacuated, only return home when directed it's safe to do so
-  Remain vigilant, as hazards remain: heat, downed powerlines, floodwaters, & more
-  Clean up safely: don't push yourself, and check on neighbors
-  Only use generators outdoors, 20+ feet from your home
-  Prepare for the likelihood that help and communications may not be available





# 2024 Atlantic Tropical Cyclone Names

Alberto

Beryl

Chris

Debby

Ernesto

Francine

Gordon

Helene

Isaac

Joyce

Kirk

Leslie

Milton

Nadine

Oscar

Patty

Rafael

Sara

Tony

Valerie

William



# Questions?

...

Will Ulrich  
Warning Coordination Meteorologist  
[william.ulrich@noaa.gov](mailto:william.ulrich@noaa.gov)



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# Florida's Weapons of Mass Destruction – Civil Support Teams

Captain Brian K. Eppers  
Medical Operations Officer



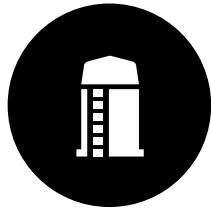
# Agenda



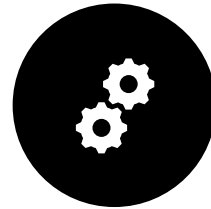
HISTORY AND  
AUTHORIZATIONS



MISSION



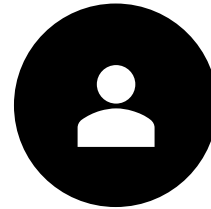
STRUCTURE



CAPABILITIES

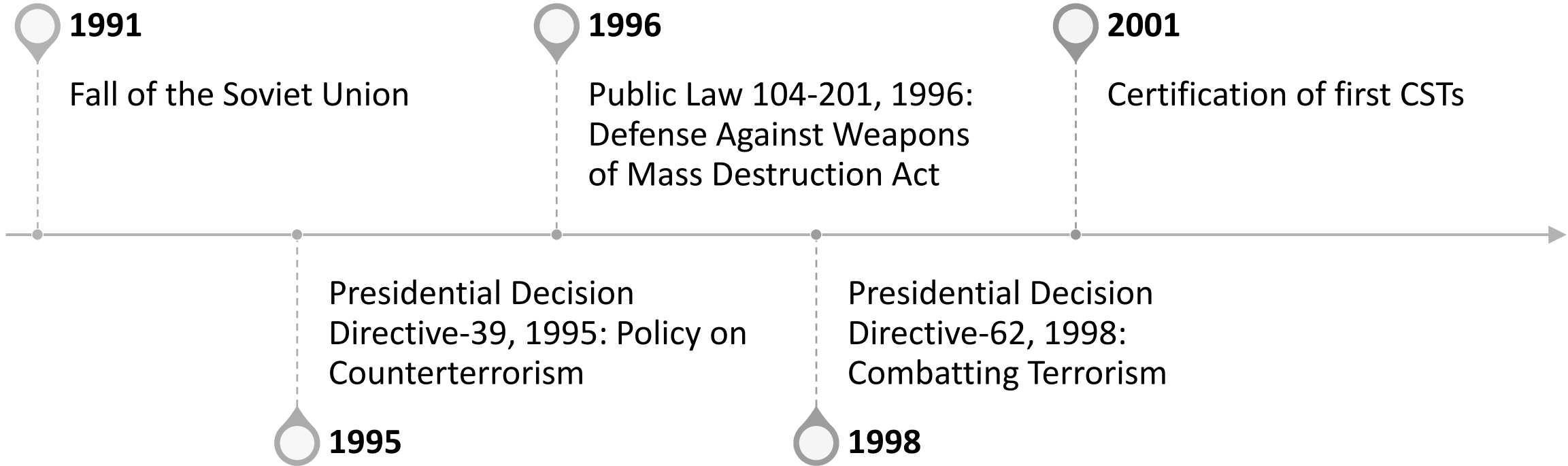


TRAINING AND  
MISSIONS

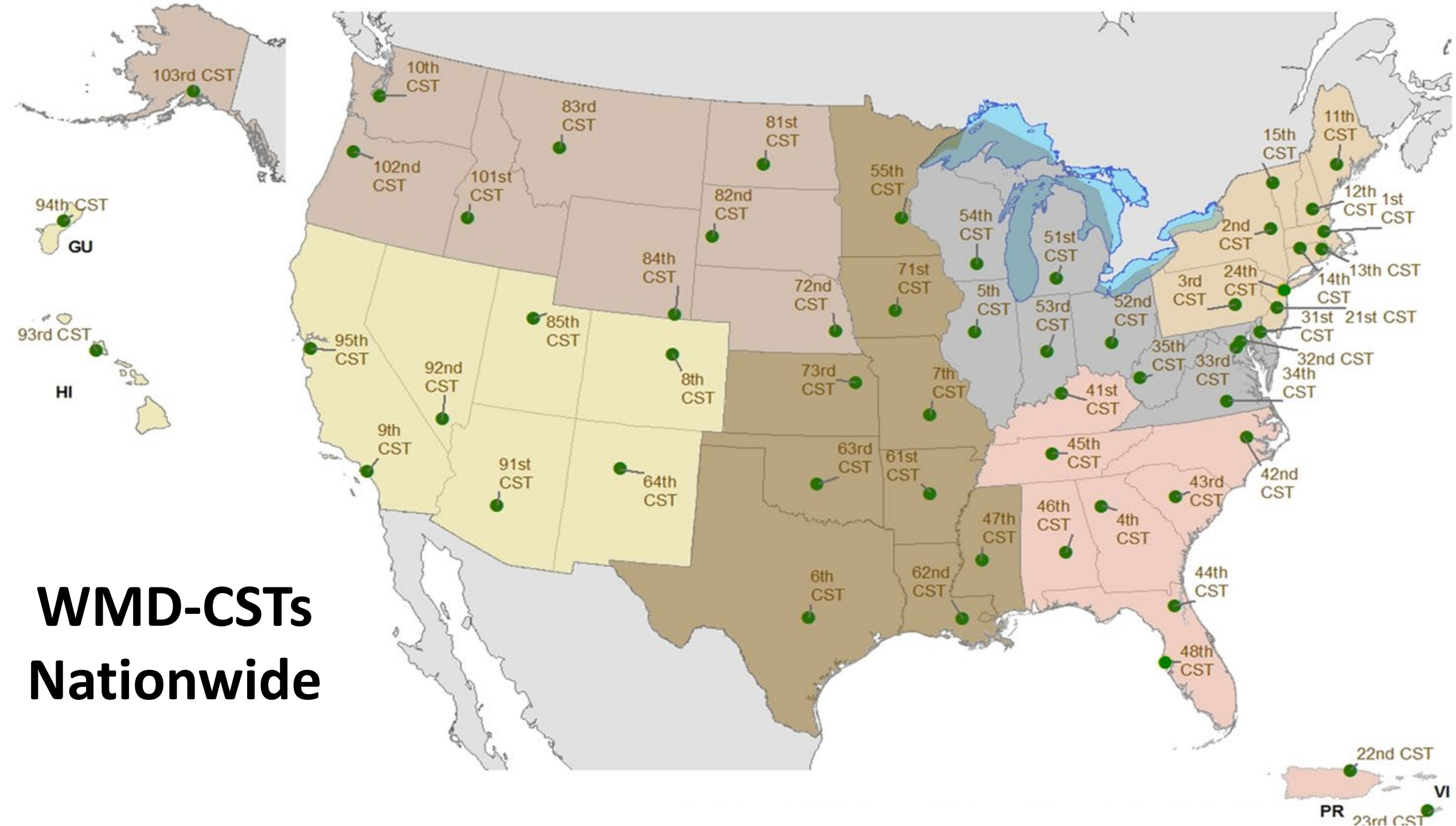


REQUEST  
PROCESS

# CST History and Federal Authorizations



# WMD-CSTs Nationwide



# CST Structure

**Command**

18 Army  
4 Air Force  

---

22 T32 AGR

7 Officers  
15 NCOs

**Operations**

**Communications**

**Medical /  
Analytical**

**Survey**

**Administration  
Logistics  
Decontamination**

# CST Mission: 4 Pillars

Support civil authorities at a domestic CBRNE incident site by:

1

**Identifying** hazards

2

**Assessing** current  
and projected  
consequences

3


**Advising** on  
response measures

4


**Assisting** with  
requests for  
additional state and  
federal support

# CST Response Criteria


The use, or threatened use, of a weapon of mass destruction within the United States



A terrorist attack, or threatened terrorist attack, in the United States that results, or could result, in catastrophic loss of life or property



The intentional or unintentional release of nuclear, biological, radiological, or toxic or poisonous chemical materials in the United States that results, or could result, in catastrophic loss of life or property



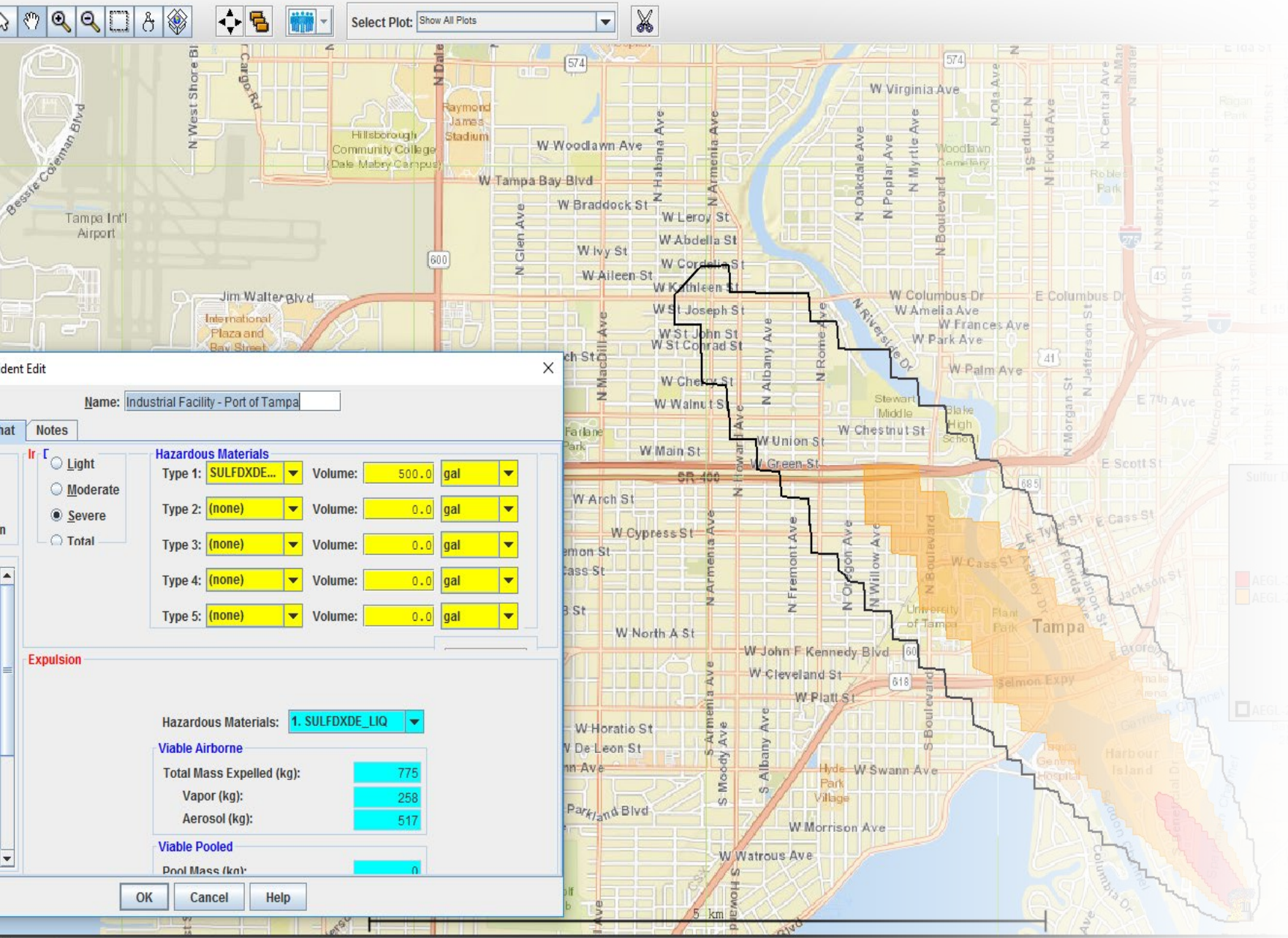
A natural or manmade disaster in the United States that results in, or could result, in catastrophic loss of life or property



# Command Section

- Rapidly establishes baseline communications
- Provides Incident Management to CST personnel
- Works for the Incident Commander to provide advice and assistance





# Operations Section

- Current and future operational planning
- Plume modeling
- Common Operational Picture (CoP)
- Documentation of incident to/for IC



# Communications Section

- HF/UHF/VHF
- SATCOM
  - Commercial Internet
  - NIPR Net
  - SIPR Net
  - VOIP
  - VTC
- ACU-1000

# Medical Section

- Immediate treatment/stabilization
- Advanced Trauma, Cardiac, Life Support
- CBRN treatment (antidotes)
- Advises on support and treatment of CBRN agents
- Toxidrome/symptomology recognition



# Decontamination Section



- Technical decon to CST and EM partners
- Wide array of decon solutions
- Wet, dry, emergency decon
- Decon recommendations to IC

# Survey Section

- Conducts reconnaissance/site characterization
- Performs downrange analysis
- Sample collection
- Continuous monitoring



# Monitoring and Detection Equipment

## Area Monitoring



## Chemical Detection



## Radiological Detection



# Analytical Section

- 2-3 Personnel
  - Science Officer
  - Assistant ALS Operator
- ISO 17025 accredited lab
- Biosafety Level III Glovebox
- Chemical and Biological testing capabilities
- Presumptive testing
- Chem/Bio production identification
- PPE selection assistance

Analytical Laboratory System (ALS)



# Analytical Section

- Capabilities
  - GCMS
  - FTIR/Raman Spectroscopy
  - PCR
  - ECL
  - LFI/HHA
  - Additional screening tests
- Environmental sample testing (not clinical)
- Public safety vs. criminal evidence sample testing
- Split/Multiple samples



# Mission Types

- Prevention
  - Steady-State
  - Stand-by
  - Assist Missions
- Training and Readiness Activities
  - Exercises
  - Training (Unit, Section, and Individual Levels)
- Emergency Response



## Steady-state and Assist Missions

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POTUS/VPOTUS missions

---

Gubernatorial events

---

National Conventions

---

NFL and NCAA football

---

NASCAR and Formula 1 events

---

Disney events/races

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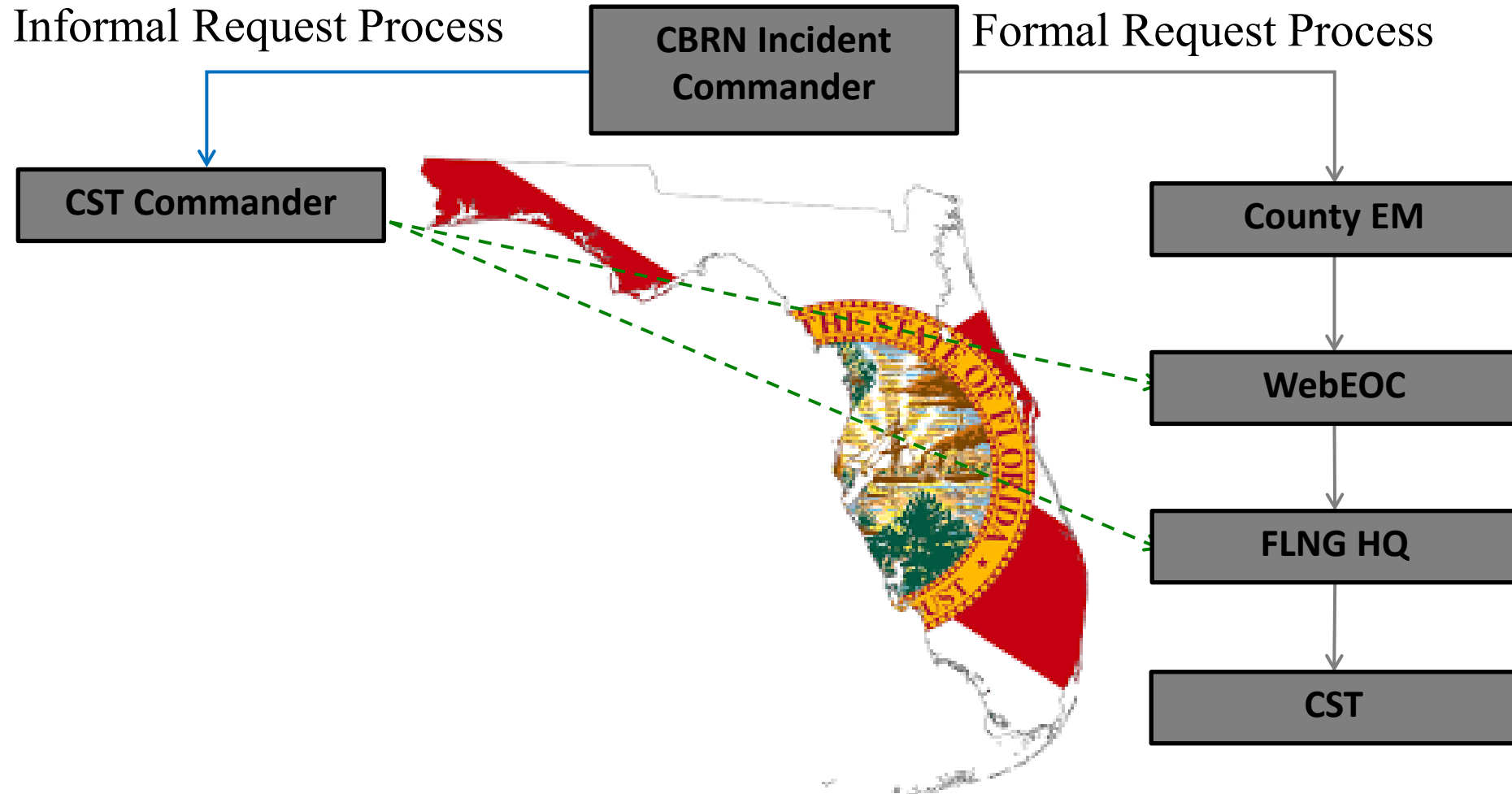
PGA Tour events

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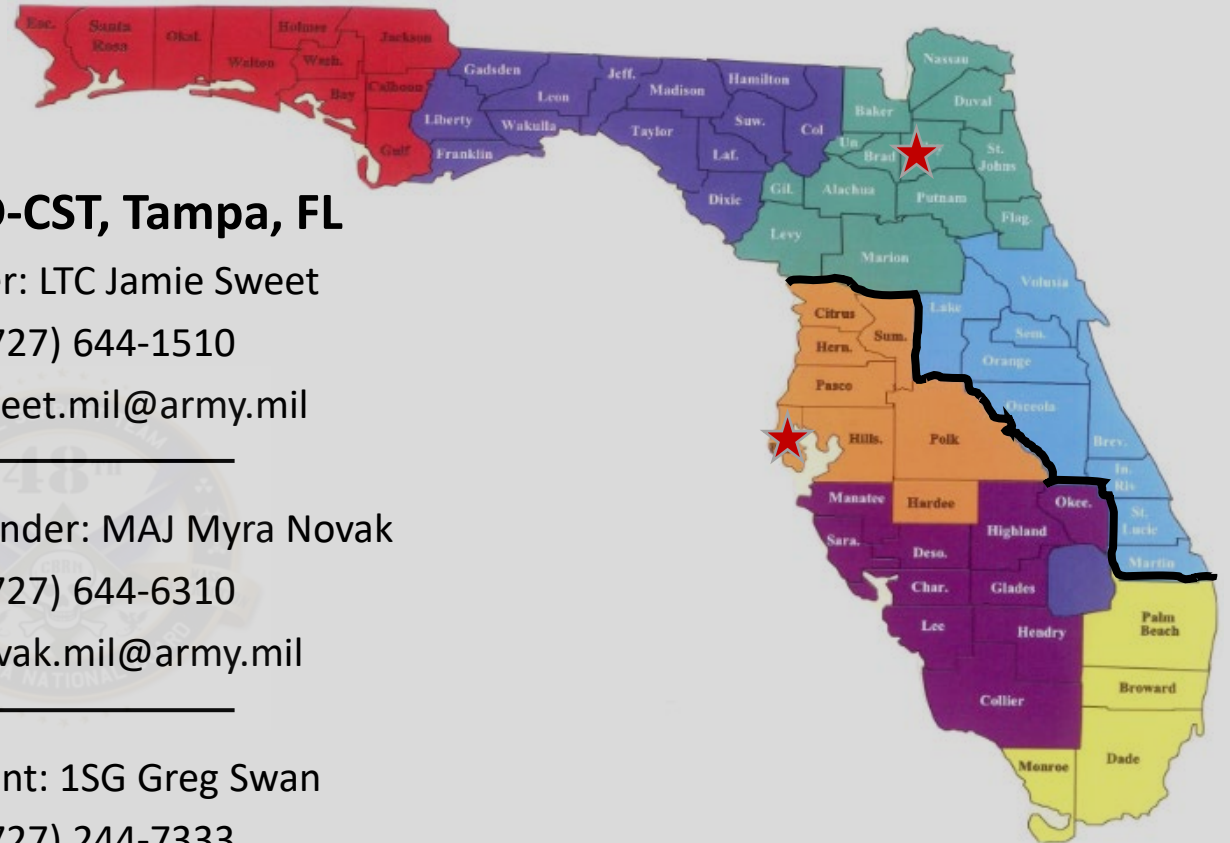
# Emergency Response Missions

- Amerithrax (2001)
- Abrin case (2014)
- Ricin case (2016)
- Hurricane Irma (2017)
- Hurricane Michael (2018)
- Pill press/pharmaceutical lab (2019)
- Unidentified chemical (2019)
- Hurricane Dorian (2019)
- COVID Testing (2020-21)
- Ricin case (2022)
- Hurricane Ian (2022)
- Chemical plant explosion (2023)
- Hurricane Idalia (2023)

# CST Request Process



# FL CST Points of Contact



## 44<sup>th</sup> WMD-CST, Starke, FL

Commander: LTC Chris Atherton

Cell: (904) 813-4043

[christopher.l.atherton.mil@army.mil](mailto:christopher.l.atherton.mil@army.mil)

Deputy Commander: MAJ Cedric Jones

Cell: (904) 813-4017

[cedric.k.jones10.mil@army.mil](mailto:cedric.k.jones10.mil@army.mil)

First Sergeant: 1SG Scott Crews

Cell: (904) 813-4023

[scott.t.crews.mil@army.mil](mailto:scott.t.crews.mil@army.mil)

## 48<sup>th</sup> WMD-CST, Tampa, FL

Commander: LTC Jamie Sweet

Cell: (727) 644-1510

[jamie.d.sweet.mil@army.mil](mailto:jamie.d.sweet.mil@army.mil)

Deputy Commander: MAJ Myra Novak

Cell: (727) 644-6310

[myra.e.novak.mil@army.mil](mailto:myra.e.novak.mil@army.mil)

First Sergeant: 1SG Greg Swan

Cell: (727) 244-7333

[Gregory.a.swan2.mil@army.mil](mailto:Gregory.a.swan2.mil@army.mil)

**Captain Brian K. Eppers**  
**Medical Operations Officer**  
**44<sup>th</sup> WMD-CST**

**Office: (904) 682-2415**

**Cell: (904) 813-4051**

**[brian.k.eppers.mil@army.mil](mailto:brian.k.eppers.mil@army.mil)**



Thank you  
so much  
for your  
time!





# NETWORK BREAK



# Self Care Check-up

Lynda W.G. Mason  
CFDMC Treasurer

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TAKE CARE



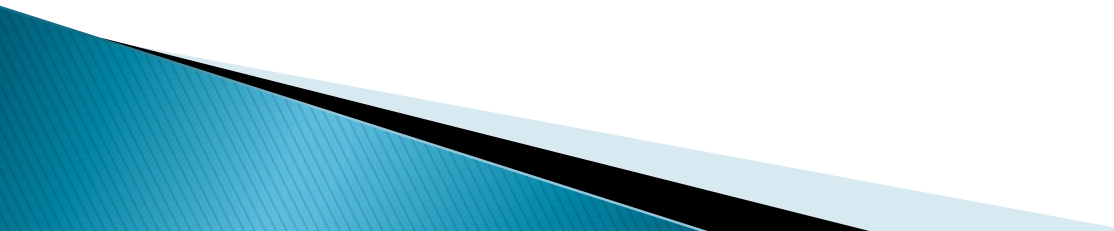
OF YOURSELF

# What's Ahead

## Eric Alberts, CFDMC Board Vice Chair



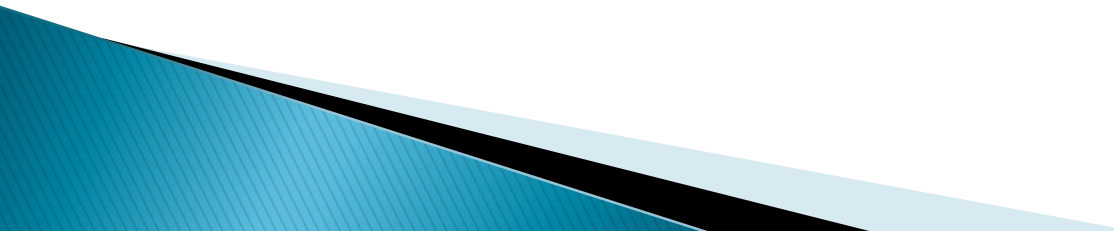
# Contract Update

- ▶ Ending 2-year contract June 30<sup>th</sup> – all deliverables met
  - ▶ New 5-year contract begins July 1
  - ▶ New contract mimics current contract
  - ▶ New ASPR (federal) guidance just released
  - ▶ FDOH will develop state plan and revise coalition contracts to meet these – expect contract revision in coming year
- 

# 2024-2025 Budget

Category	Amount
Personnel	\$189,554.25
Travel	\$58,960.00
Equipment	\$20,000.00
Supplies	\$457,637.75
Contractual	\$83,000.00
Other	\$304,520.00
<b>Total</b>	<b>\$1,113,672.00</b>

# 2024–2025 Work Plan

- ▶ Until contract revision is received, work plan is similar to 2023–2024
  - ▶ Removed work accomplished in last year (radiological & chemical annexes and tabletops)
  - ▶ Added Cyber Tabletop for this year
  - ▶ For details, see the Traffic Light Report at [www.centralfladisaster.org](http://www.centralfladisaster.org)
- 

# Member Input

Mentimeter



- ▶ Questions?
- ▶ Other Announcements?
- ▶ Next Meeting: September 19th
- ▶ Don't forget your feedback!



## 6-20-24 CFDMC Meeting - Member Input

### What challenges/trends are you seeing at your organizations?

- Lack of budget for EM
- Staffing turnover
- Budget
- Coordination between the different regional teams - IMT, TF4, Medical Support.
- Low salary
- Restructuring of our Decon Team
- Turnover in leadership is impacting ICS knowledge and competency
- Budgetary constraints
- Turnover of staff
- Virtual tabletop exercises for various emergency scenarios.
- Community participation for sheltering of special needs residents.
- Staffing and longevity
- Volunteers and knowledge
- Support and people promoting above their level of competence
- Difficulty pulling staff from day to day duties for training, esp all at once.
- Budget
- Staffing turnover/retirements
- Lack of staffing and turnover.
- Staff willingness to participate in exercise and training
- Agree, staffing turnover
- Staff turnover
- Budget
- Changing requirement
- Funding
- Continued/increase in county level training
- Increasing awareness and understanding of hospice services in the community.
- Staff do not take preparedness activities seriously. Especially non hurricane events. Staffing, training time are roadblocks .
- Qualified staff
- Lack of communicating future plans
- Retention
- Lack of ethics as part of the mission
- Create media type presentation to sell the coalition.
- Not utilizing internal expertise.
- Staffing, Turnover, Funding,
- More awareness Training with state and or federal organizations.

### What are you doing to mitigate these?

- Upping recruitment
- Collaborate between the different organizations. Petition the state.
- Seeking and offering refresher training and involvement in exercising.
- Collaborating with healthcare providers, hospitals, and clinics to integrate hospice services early in the care continuum.
- Assessment of knowledge base and more consistent contact with this involved and interested
- Collaboration
- Cross-training
- Splitting staff training sessions into smaller sizes, having designated training days every month/quarter.
- Recruiting volunteers and finding medical professionals that are willing to work part time.
- Incentives as possible, increase training, coordinating with local partners
- Engaging in the Budget Process.
- Seeking trainings in person and online, to enhance knowledge.

- Involving myself and others in areas that are noticeably deficient.
- Collaboration
- Working with executive leadership to enhance a culture of safety & preparedness. Maximize opportunities for incident after actions and hot washes
- Getting creative on how and where we advertise. Mentoring up. Offering more incentives and benefits. Increasing salaries.
- Attempting to network/communicate with decision makers.
- Utilizing gap analysis to executives
- Increasing recruitment efforts. Being flexible with scheduling and hours. More frequent training opportunities.
- There is realistically only so much you can do to retain and or gain new staff. Sometimes some areas are just like that, but you can speak to advisors and budget officials, to gather funding.
- Asking administration for funding and volunteers from all hospital departments for our Decon Team. Decon cannot be just ER employees. Need entire hospital to participate and support from C suite.
- Trying to gain buy-in on things we are trying to accomplish. Encourage competent people to get more involved.
- Presenting needs to leadership
- Staff exit interviews help point out employment gaps. This then helps us address those areas which may improve Staff retention.
- Diversifying benefits, such as retirement contributions
- Being involved in one area but could be utilized in several other areas if asked or informed of a need
- Attending more classes and meetings and online classes. Helps build relationships to bring information back to our organization.
- Na

#### **What can the Coalition do to help?**

- Pray for us.
- Keep engaging with organizations. You're doing an amazing job!
- 🙏
- Keep providing additional classes.
- Keep doing what you are doing.
- Continue meetings, inviting partners, coordinating volunteers that may be interested in Preparedness work
- List areas of staff/volunteer needs.
- Regular contact with needs and ways to get more involved...love the organization and what it stands for
- Offering web-based or virtual refresher training periodically for ICS.
- They are doing a great job! Keep it up!!!
- Continue to support with training opportunities.
- Win the lottery, and help bring more community involvement in underserved areas.
- Support the building of a space mirror stationed above the Atlantic to reduce ocean temperatures.
- Be receptive to ideas / suggestions from those outside of current leaders/players.
- Additional training and meeting
- Continued excellent communication
- Continuing to encourage community participation and offering training resources and exercises.
- Nothing at this time
- Bring community partners together to discuss and offer suggestions on how to gain assistance with these response issues.
- CEU opportunities for EMS. Keep up the great work!!
- Meetings enable networking and sharing of ideas.  
Continue hosting Trainings as this frees up dollars in-house for other training.
- Keep Engaging all EM & ESF8 partners in training & exercises