

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: May 23, 2023

Department: Public Safety

I. EXECUTIVE BRIEF

Title: 2023 Hurricane Preparedness Briefing and 9-1-1 System Overview

Summary: The purpose of this briefing is to provide an update on the 2023 Atlantic Hurricane season and the Public Safety Department's preparedness strategies for the upcoming storm season as well as an overview of the County's 9-1-1 system. The Public Safety Department's Division of Emergency Management (DEM) relies on all County departments, as well as, the Board of County Commissioners and numerous local, state, federal, and non-profit volunteer agencies to provide support and resources to help Palm Beach County plan, respond, and recover from disasters. The DEM has worked with numerous stakeholder agencies to ensure the safety and well-being of our residents and employees of Palm Beach County. The Public Safety Department's Division of 9-1-1 Program Services is responsible for deploying and maintaining the technical infrastructure that enables 9-1-1 call routing, and supports Palm Beach County's 16 Public Safety Answering Points (PSAPs) that handle 9-1-1 calls. Countywide (DB)

Background and Justification: Pursuant to Florida Statutes, Chapter 252, it is the county's responsibility to be prepared to respond to, and recover from, any hazard that threatens the lives and property of residents and visitors of Palm Beach County. Our citizens rely on us for emergency shelters, as well as, other countywide disaster functions that are a critical component of our emergency response system. Pursuant to Florida Statutes, Chapter 365.171, the Department of Management Services (DMS) is required to develop, maintain, and implement the State E911 Plan, which requires a County 911 Coordinator to serve as the single point of contact between the County and DMS regarding E911 fiscal, technical, operational, and strategic planning issues.

Attachments: Presentation

Digitally signed by
Stephanie Sejnoha
Date: 2023.05.02
15:21:59 -04 '00'

Recommended By: Stephanie Sejnoha Department Director Date

Approved By: Paul J. Blum Assistant County Administrator Date 5/9/2023

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact

Fiscal Years	2023	2024	2025	2026	2027
Personal Services					
Operating Costs					
Capital Expenditures					
External Revenues					
Program Income (County)					
In-Kind Match (County)					
Net Fiscal Impact	*				

ADDITIONAL FTE
POSITIONS (Cumulative) 0 0 0 0 0

Is Item Included In Current Budget? Yes No
Does this item include the use of federal funds? Yes No

Budget Account Exp No: Fund Dept. Unit Obj. Prog.
Rev No: Fund Dept. Unit Rev. Prog.

B. Recommended Sources of Funds/Summary of Fiscal Impact:

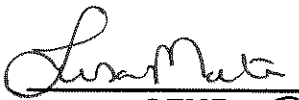
*There is no fiscal impact associated with this agenda item.

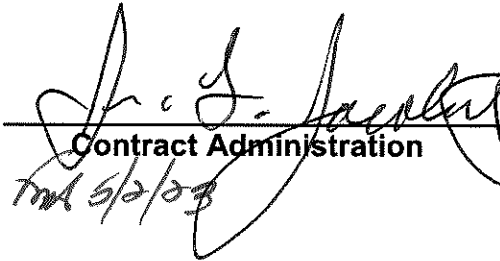
C. Departmental Fiscal Review:

Digitally signed by Marianela Diaz
DN: DC=org, DC=pbctgov, OU=Enterprise,
OU=PSD, OU=Users, CN=Marianela Diaz, E=
mDiaz@pbctgov.org
Date: 2023.04.25 16:18:03-04'00'


III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

 4/26/2023
OFMB 4/25

 5/2/23
Contract Administration

B. Legal Sufficiency:

 5/4/23
Assistant County Attorney

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.

2023 HURRICANE PREPAREDNESS AND 911 SYSTEM OVERVIEW

Todd Bonlarron
Assistant County Administrator

Stephanie Sejnoha
Director, Department of Public Safety

Mary Blakeney
Director, Division of Emergency Management

Daniel Koenig
Senior Manager, Division of 911 Program Services



AGENDA

- Emergency Management Overview
- Core Hazards
- 2022 Hurricane Season in Review and the 2023 Predictions
- Preparedness Cycle
- 911 System Overview
- How You Can Help





DIVISION OF EMERGENCY MANAGEMENT

To be a world class
emergency
management agency
keeping our community
safe and resilient by
working together with
our partners and the
public as a team.



Executive Policy Group
 County Administrator
 Mayor, Board of County Commissioners
 Deputy County Administrator
 Public Safety Dept. Director
 Palm Beach County Attorney
 Emergency Management Director
 Palm Beach County Sheriff
 Palm Beach Co. Fire-Rescue Administrator
 Florida Health Palm Beach Co. Director

Board of County Commissioners
 PBC Constitutional Officers
 State Attorney
 Judiciary - 15th Judicial Circuit
 Public Defender
 Property Appraiser
 Tax Collector
 Clerk & Comptroller
 Supervisor of Elections

 PBC School Board
 State and Federal delegations
 League of Cities
 Military Support/FLNG


**County Administrator
Incident Commander**

Public Information
Unit (ESF #14)
Public Affairs

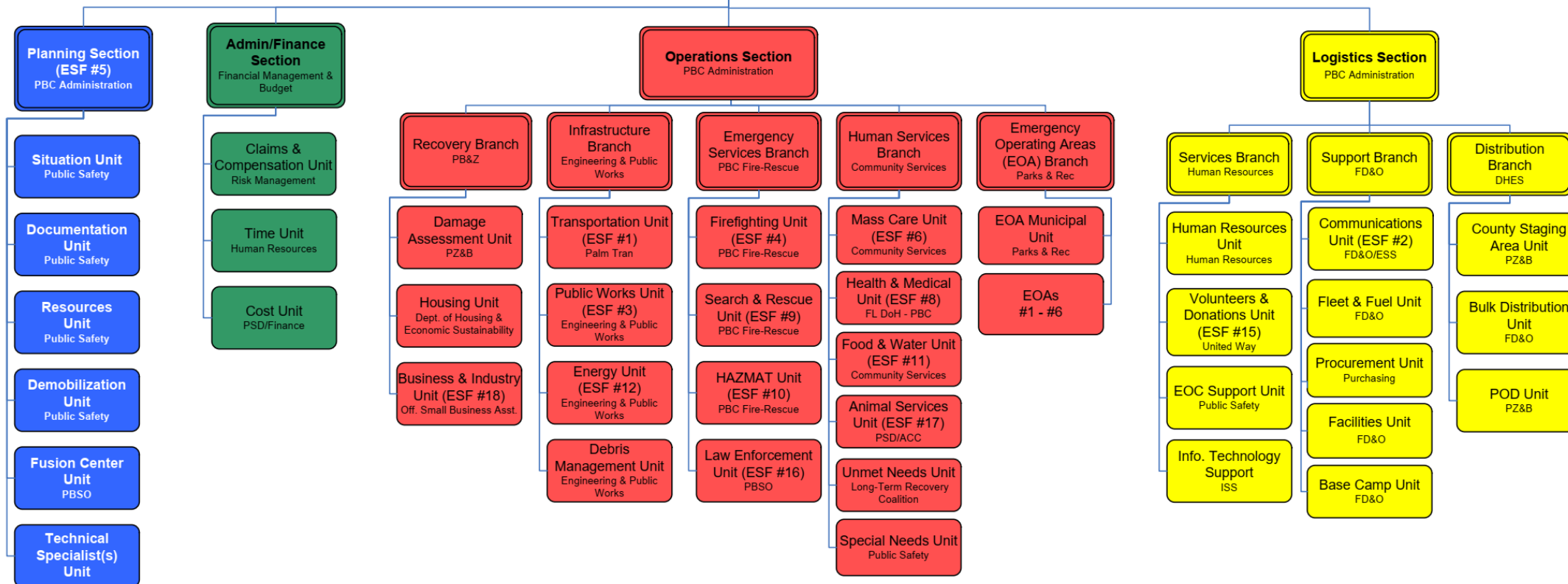
Emergency Information Unit
(EIC)
Public Safety

Liaison Officer
PBC Administration

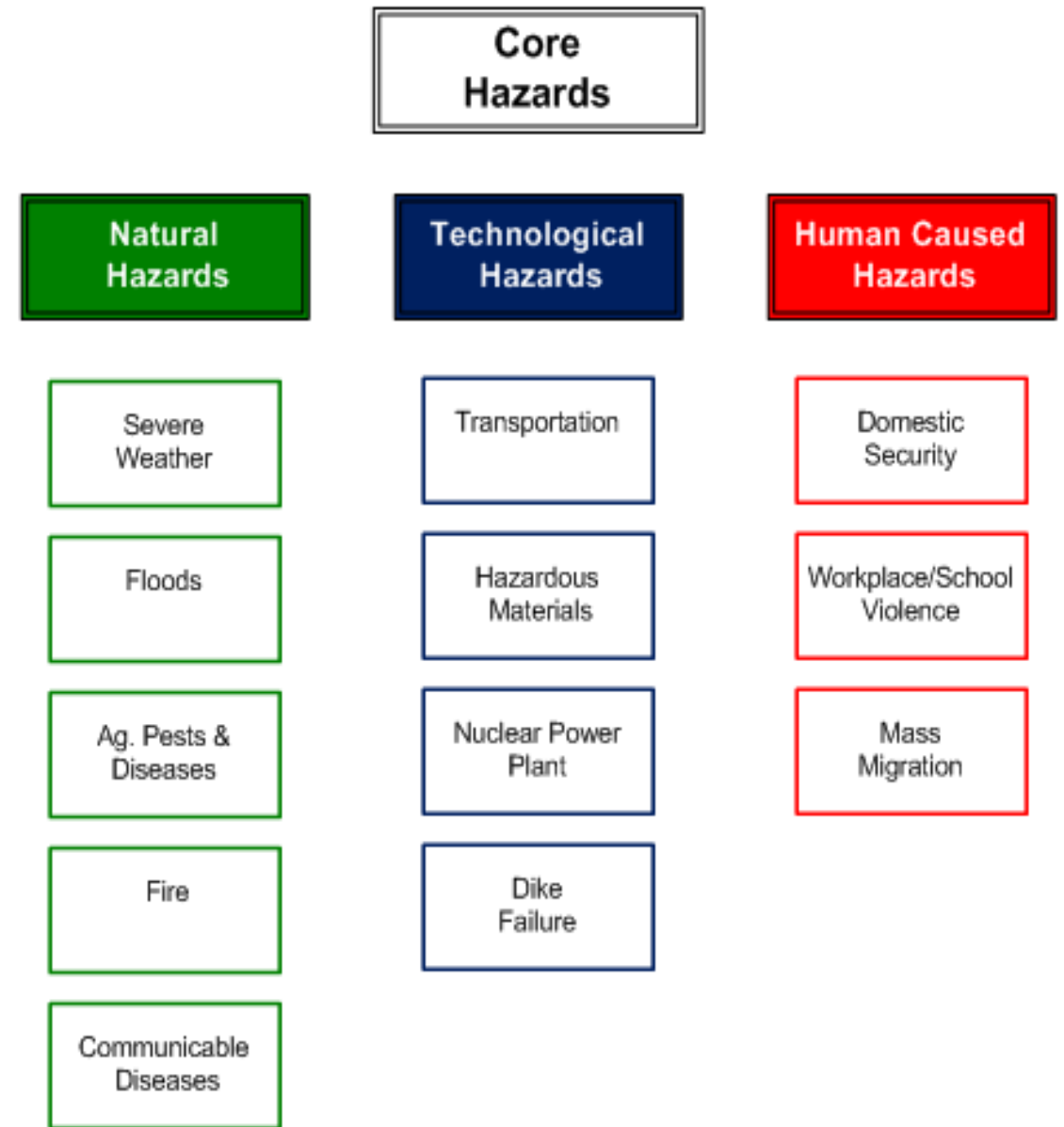
Safety Officer
Risk Management



Palm Beach County
EOC Activation
Organization
 December 2019
previous versions are obsolete



12 CORE HAZARDS



What are we learning about hurricanes?

33 Training Session

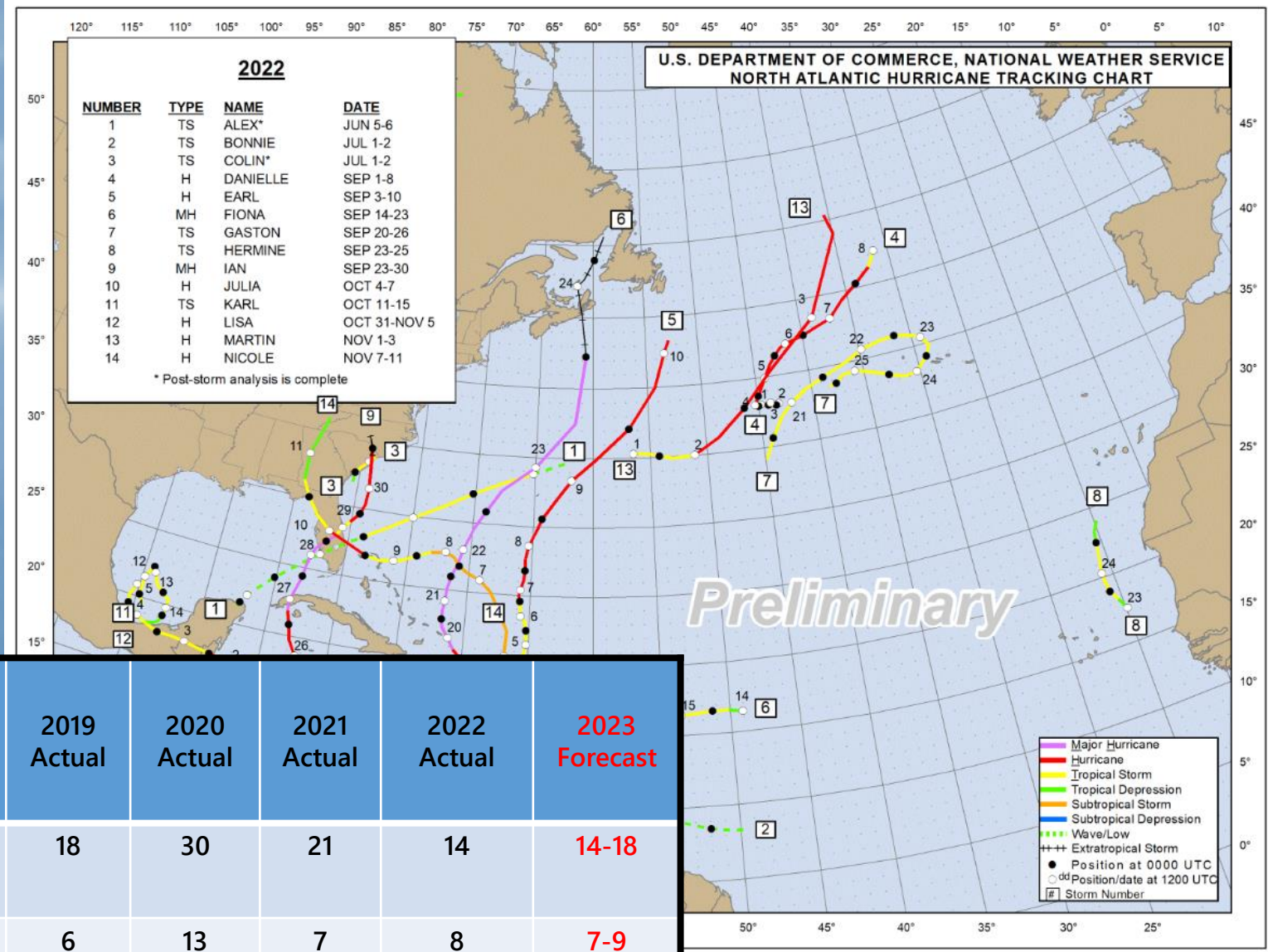
59 Workshops

Robust Exhibit Hall



2023 Atlantic Hurricane Season

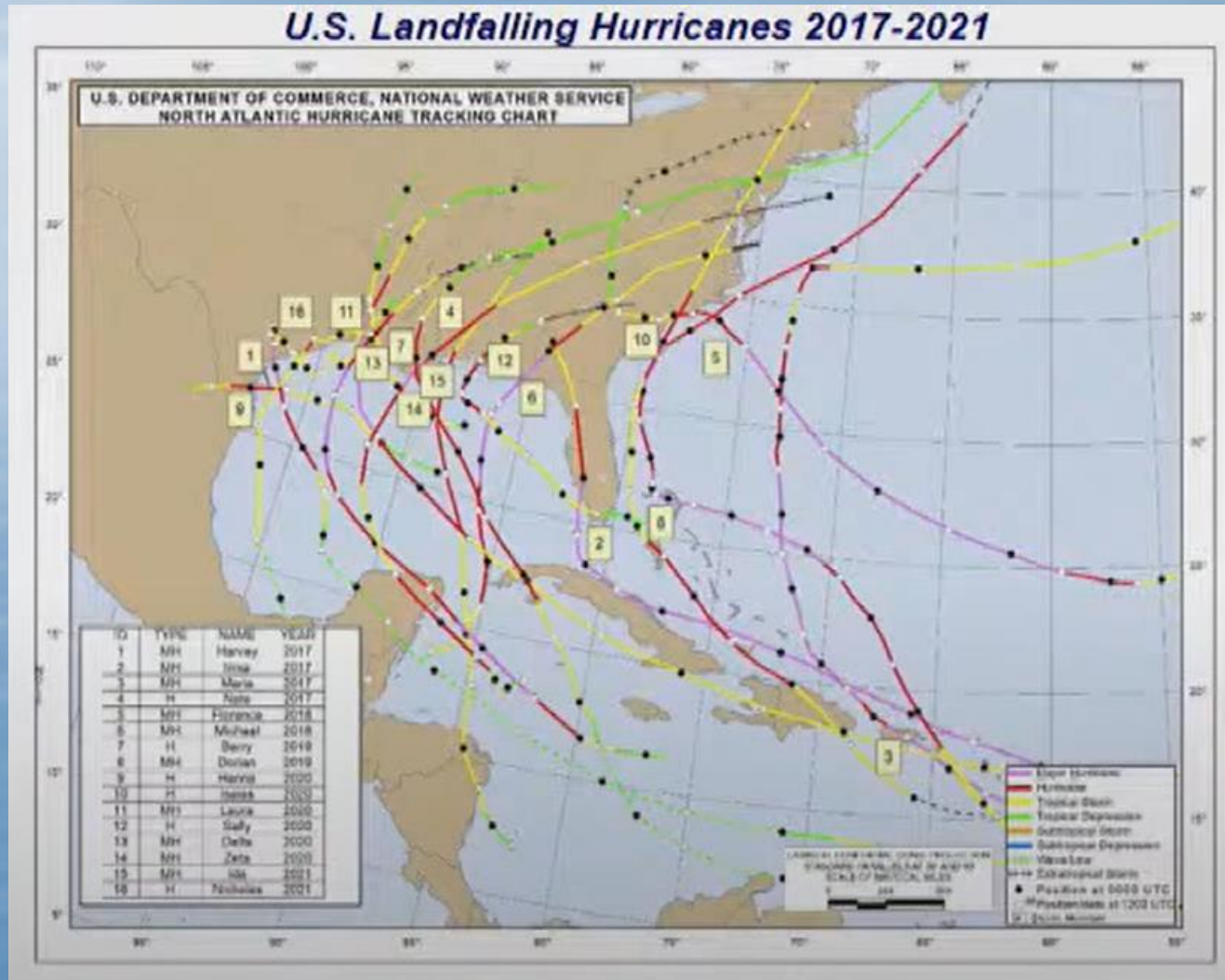
- 2022 was forecasted to be an above average year
- 2023 is forecasted to be an average to above average year



	Avg	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Forecast
Named	14	15	18	30	21	14	14-18
Hurricanes	7	8	6	13	7	8	7-9
Intense (≥ Cat. 3)	3	2	3	6	4	2	2-4



IT HAS BEEN BUSY

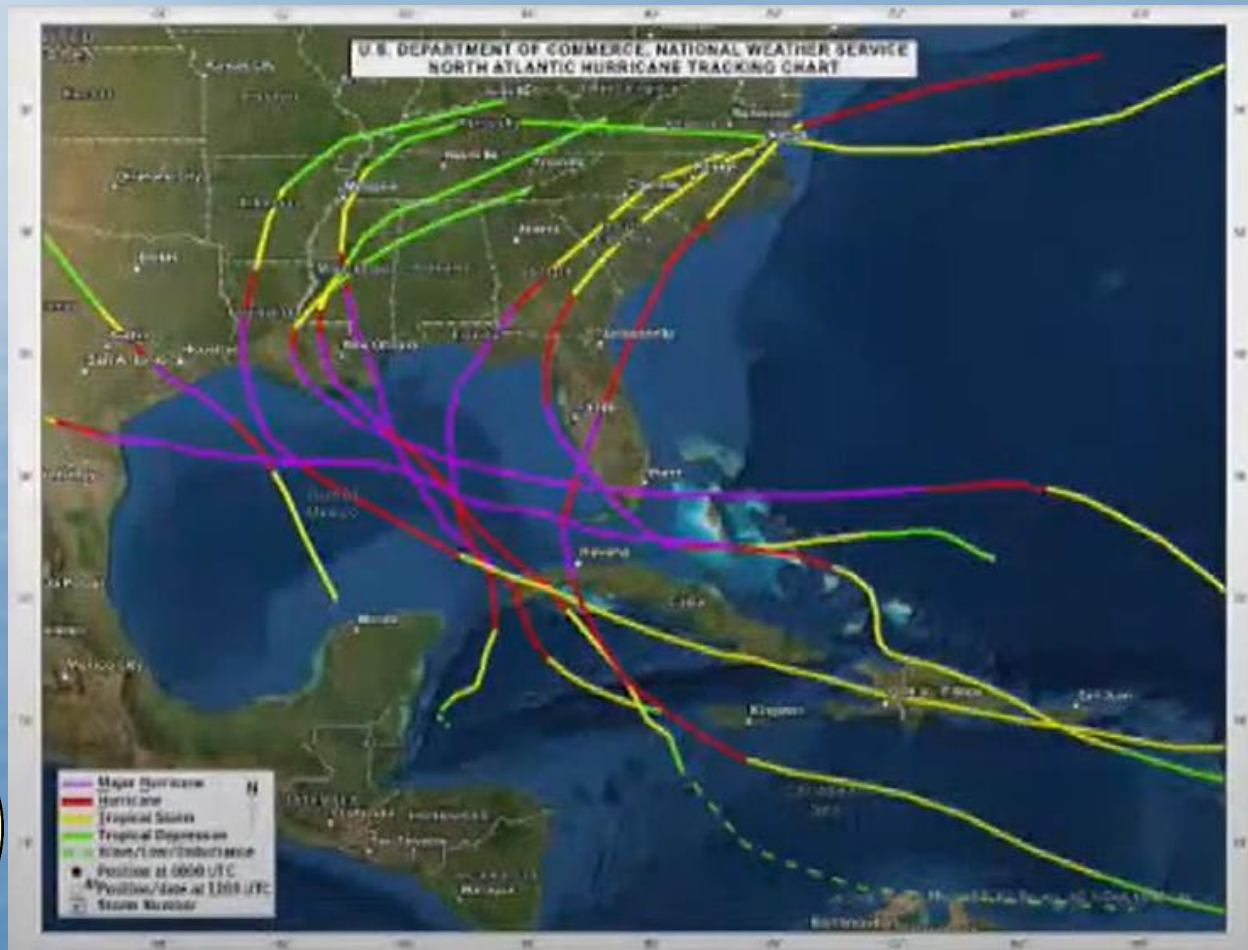


19 hurricanes have made landfall in the U.S. since 2017 (9 were major)



PLANNING REALITIES

The Nation's Strongest – 150 mph or greater
All but 1 were Tropical Storms 3 days before landfall

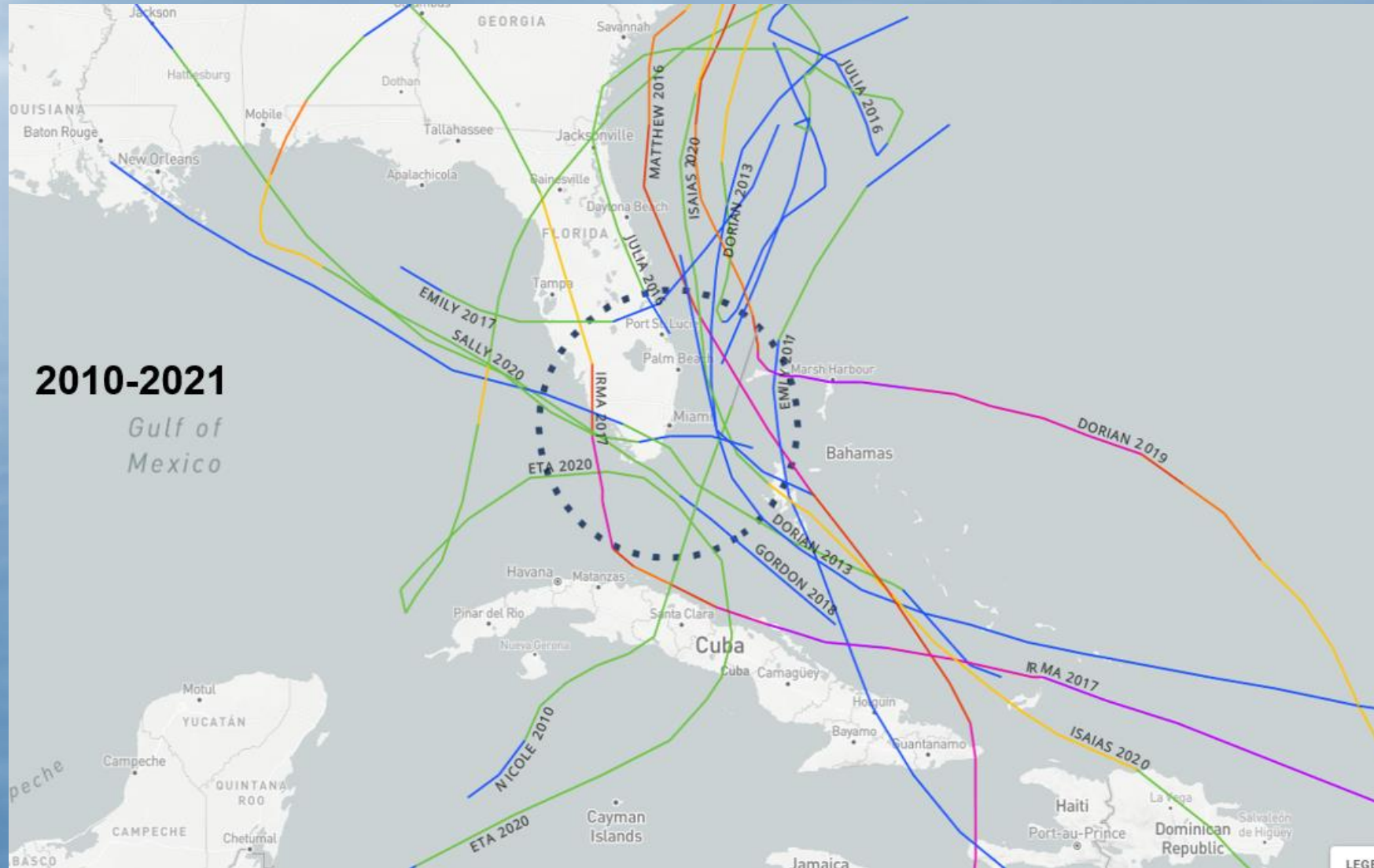


U.S. 150 mph+

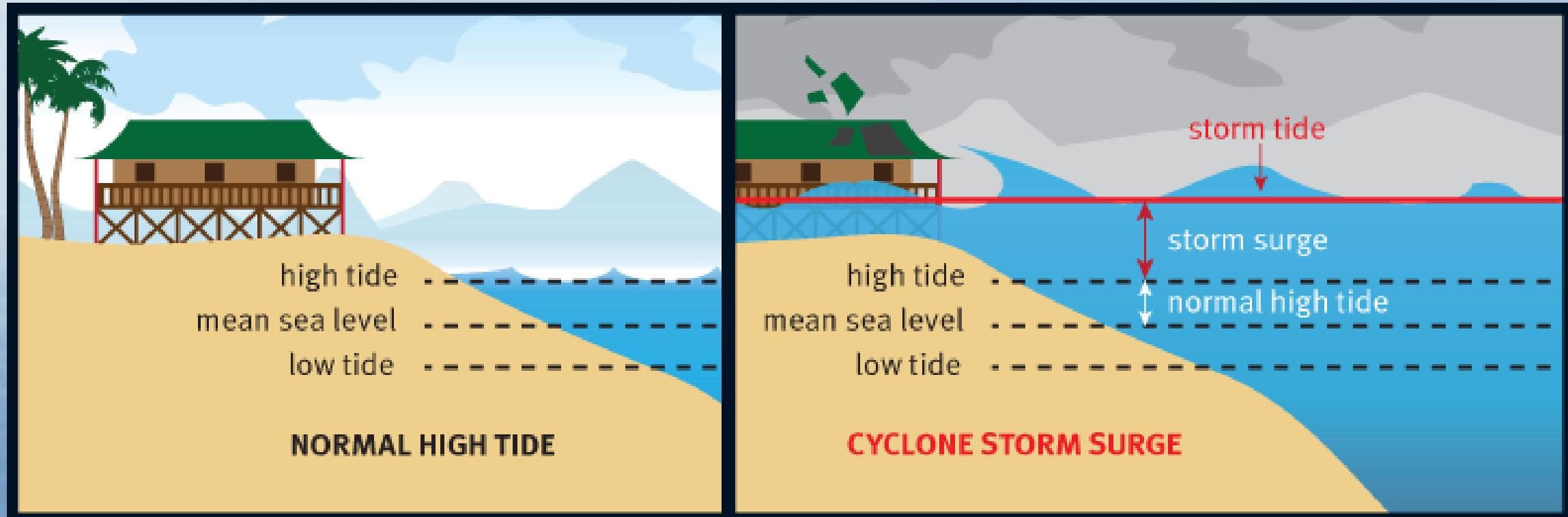
1919 – Storm 2
1932 – Storm 2
1935 – Labor Day
1969 – Camille
1992 – Andrew
2004 – Charley
2018 – Michael
2020 – Laura
2021 – Ida



PLANNING REALITIES – SOUTH FLORIDA IS “HURRICANE COUNTRY”

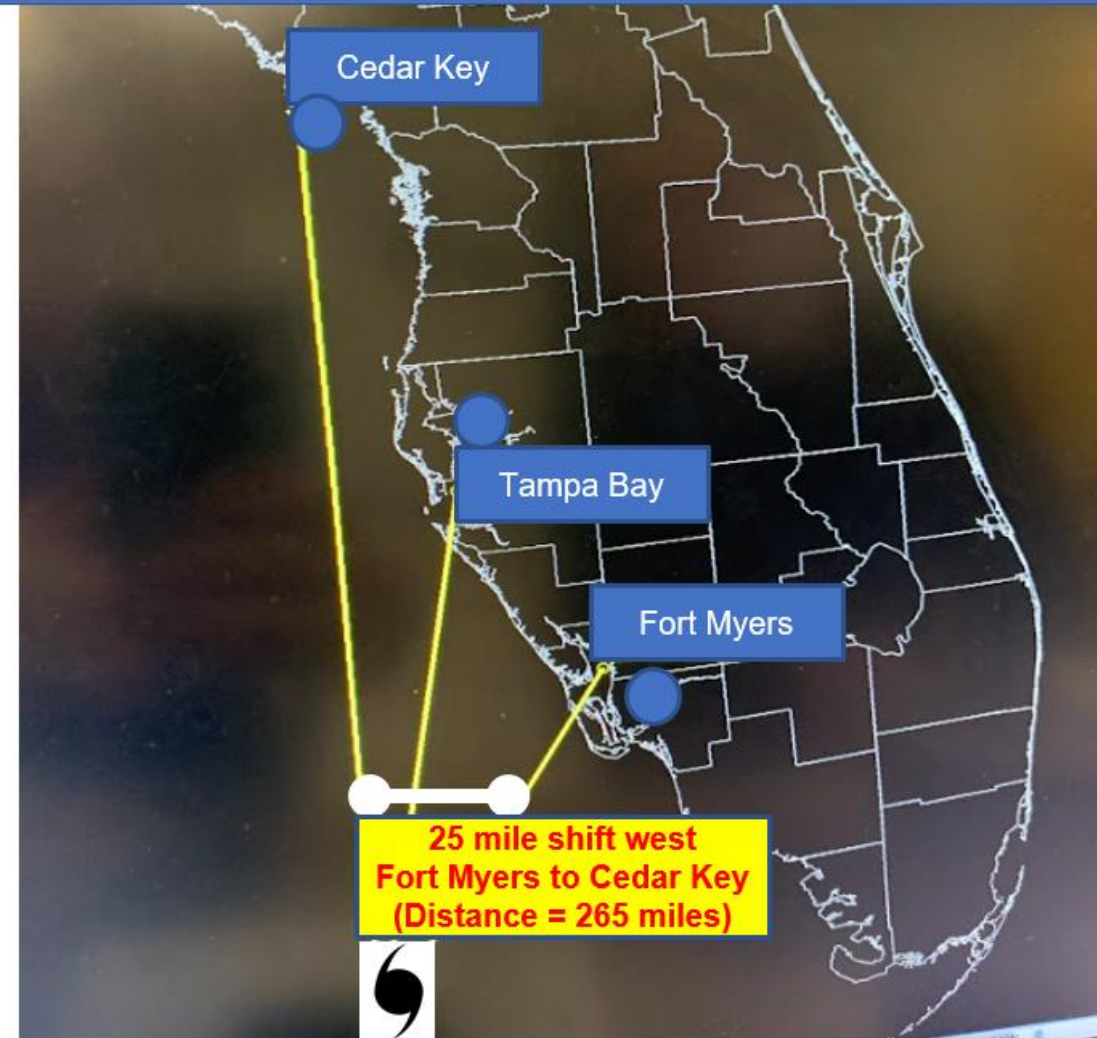
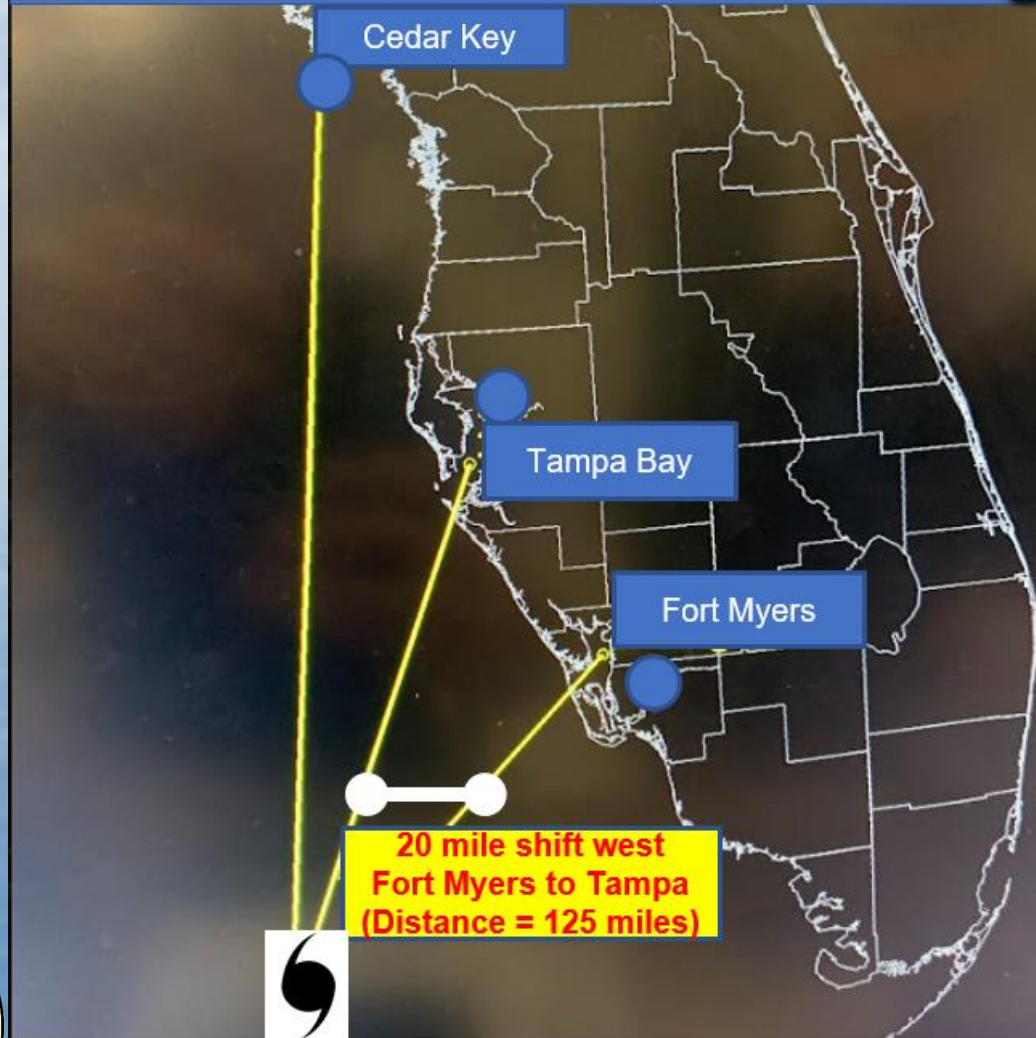


WHY EVACUATE?

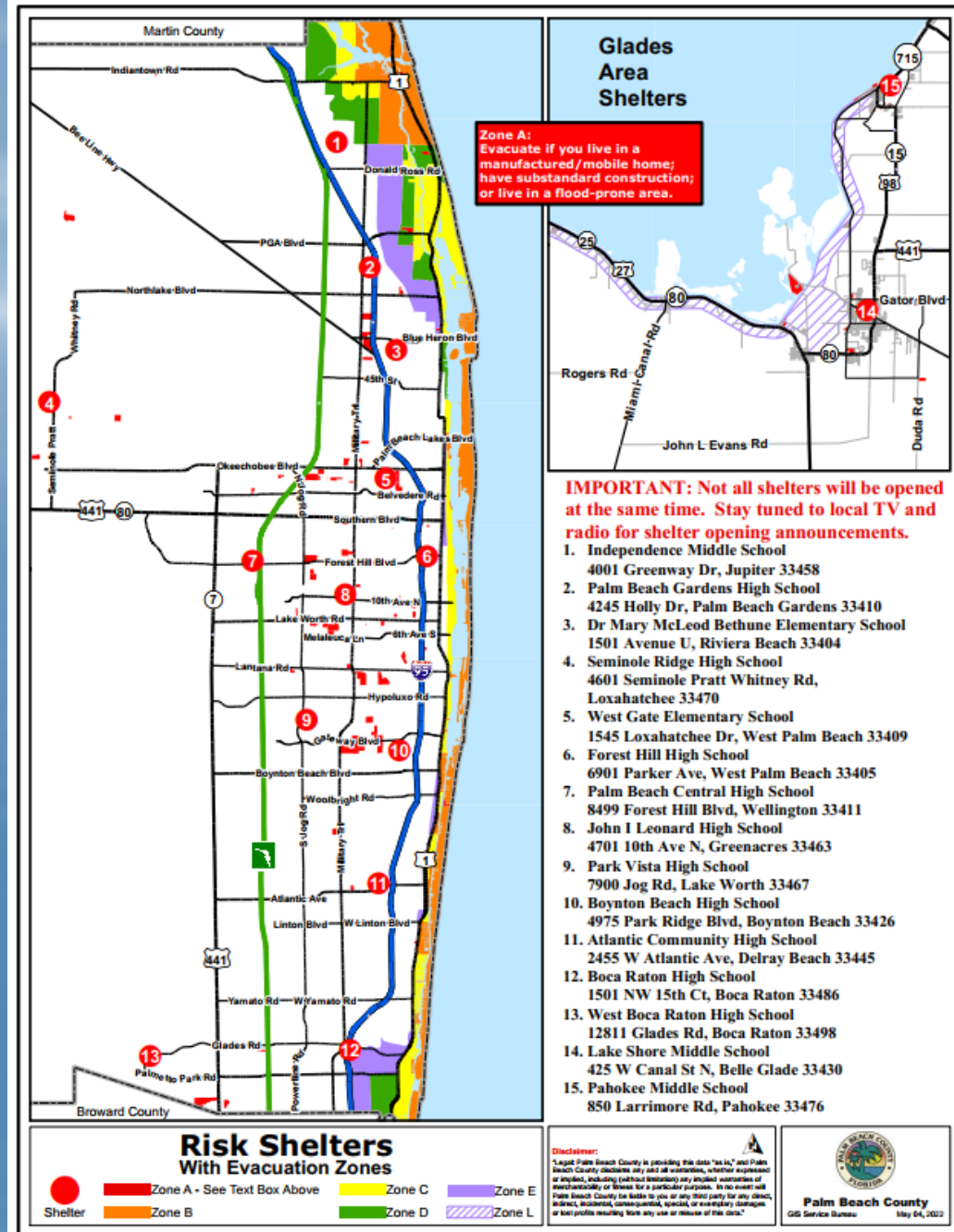


When can 20 miles = 125 miles? (Fort Myers to Tampa)

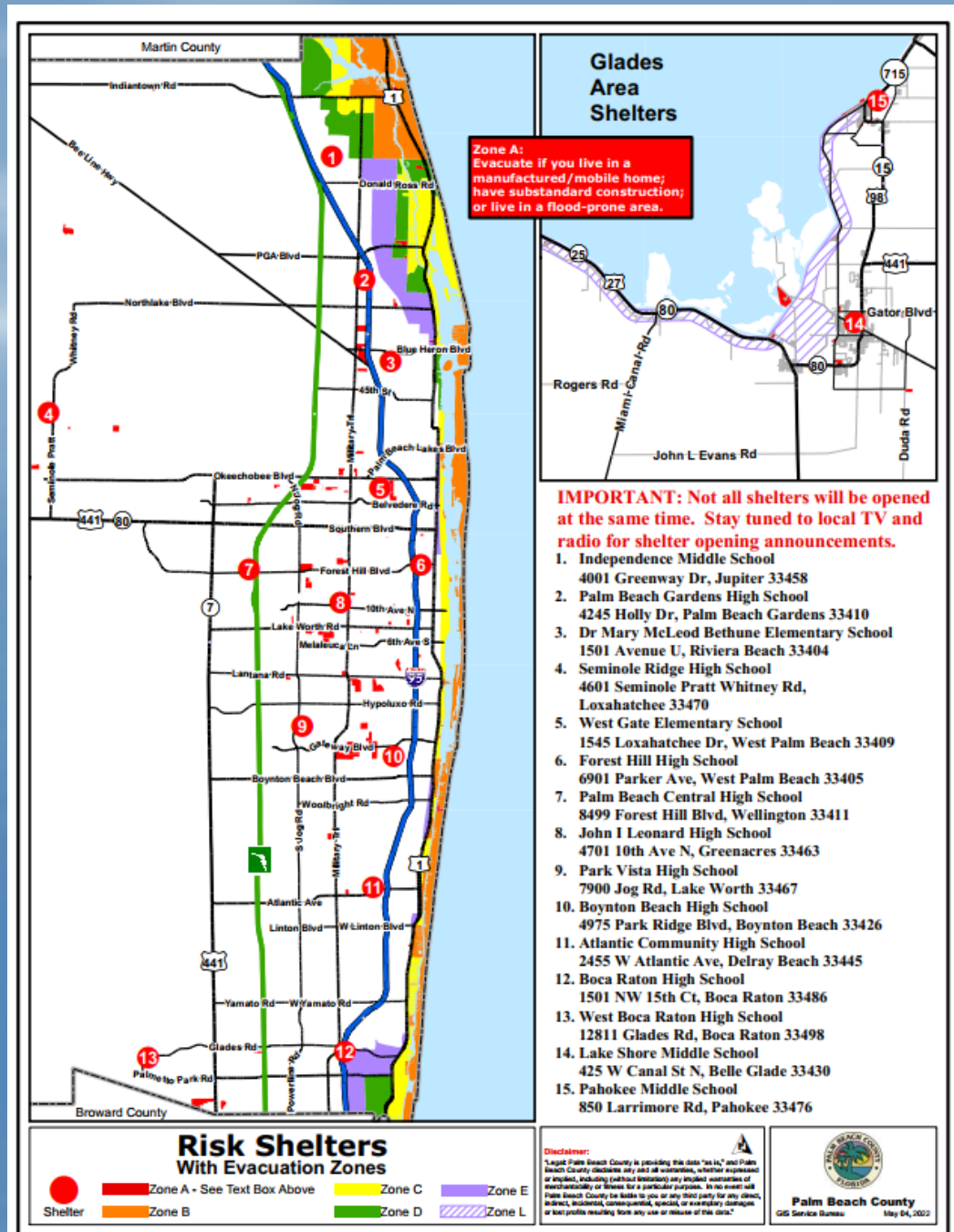
Shifts in Track along a north-south coastline



HURRICANE EVACUATION ZONES



HURRICANE RISK SHELTERS



EMPLOYEE DISASTER RESPONSE PROGRAM

Position	# of County Employees
Department Essential	3,930
EOC Essential	209
Emergency Information Center (EIC)	101
Disaster Service Agents	889
Disaster Team Leaders	73
Disaster Field Workers	113



EMPLOYEE DISASTER RESPONSE PROGRAM



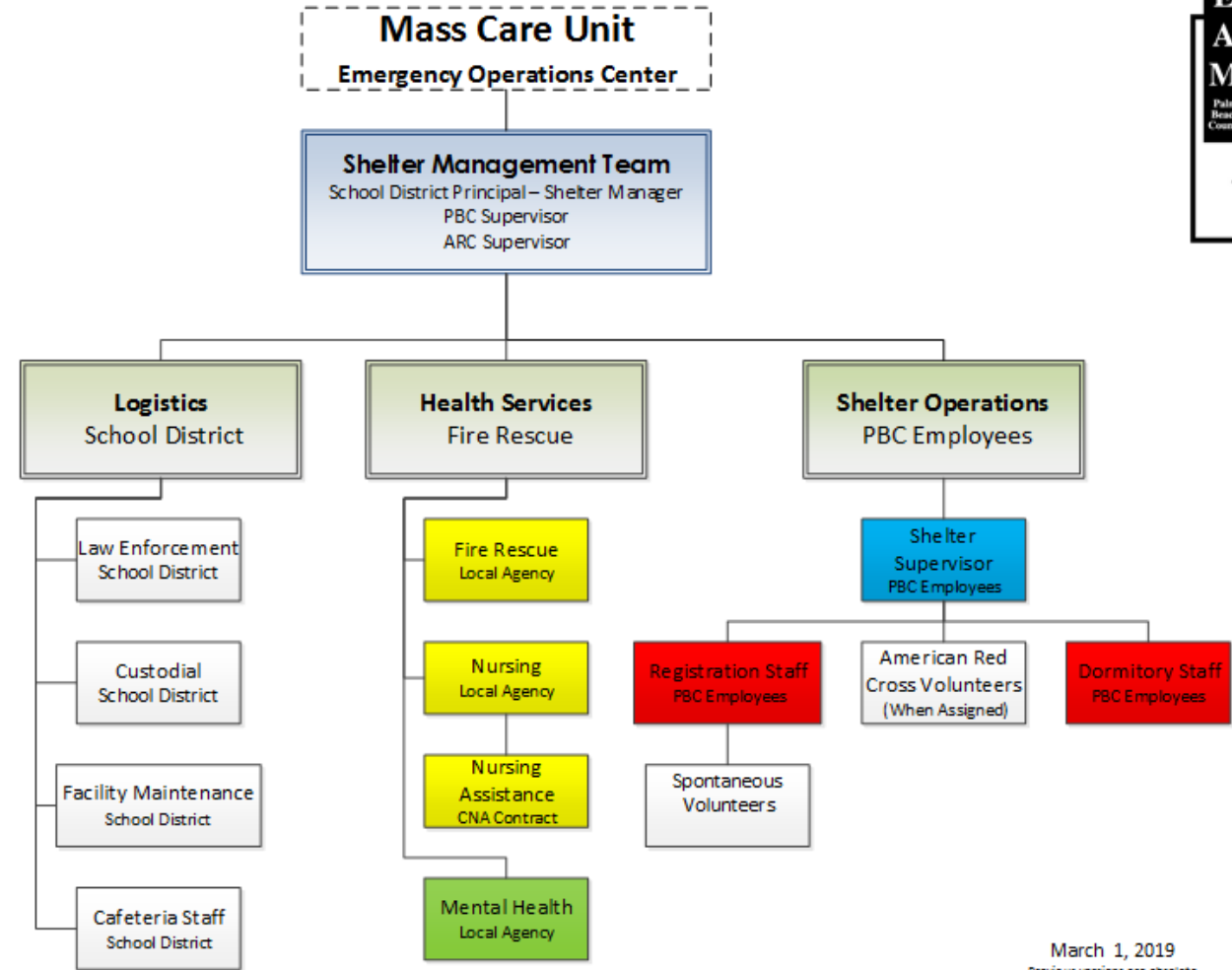
SHELTER STAFFING

- Shelter leadership
- Shelter staffing

Function/role	# of Employees Assigned
Shelter supervisors	67
Shelter support staff	595



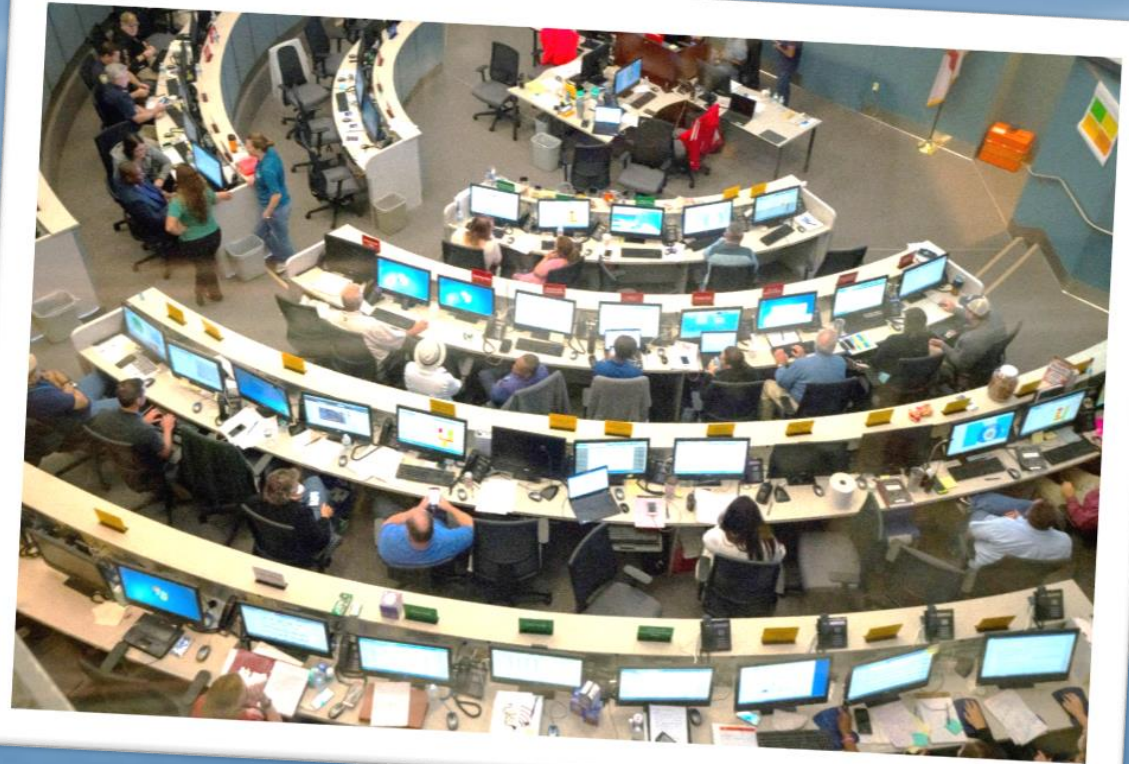
Palm Beach County General Population Shelter Organizational Chart



March 1, 2019
Previous versions are obsolete



TRAINING & EXERCISES





Disasters Don't Plan Ahead. **YOU CAN.**

- Encourage planning for disasters a priority for everyone; employees, residents, family & friends
- Encourage your businesses to be prepared
- Encourage your constituents to be prepared at every opportunity



OUR MESSAGE IS SIMPLE



Make a plan



Build a kit



Be informed



Get involved



www.ReadyPBC.com



1



**MAKE
A PLAN**

With Your Family

Ready Palm Beach County
www.readypbc.org

2



**BUILD
A KIT**

For Your Household

Ready Palm Beach County
www.readypbc.org

3



**GET
INVOLVED**

Volunteer

Ready Palm Beach County
www.readypbc.org

4



**BE
INFORMED**

Updated Critical Information
at Your Fingertips

Download our FREE app:
PBCDART

MAKE A PLAN

- Have a plan:
 - Everyone has a duty to be prepared;
 - Know if you need to evacuate:
 - If so, know where you are going and how to get there (within County)
 - Identify a meetings place and create a communication plan with family and friends
 - If you plan to stay home, shutter and shelter in place

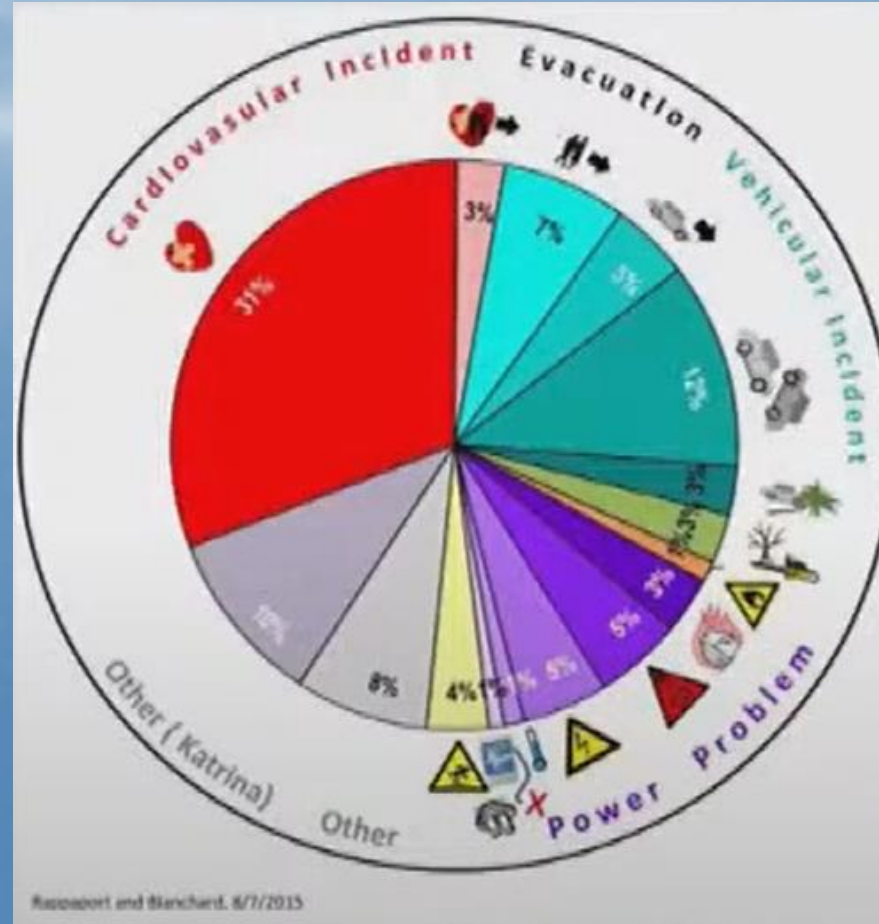


www.ReadyPBC.com



MAKE A PLAN

- Have a plan:
 - Know your home:
 - Understand your mitigation measures
 - Windows/Shutters
 - Roof Bracing
 - Garage Door
 - Water Drainage
 - Be generator safe
 - Keep Outside
 - Away from Doors and Windows
 - Do an insurance check-up



1

MAKE A PLAN

With Your Family

Ready Palm Beach County
www.readypbc.org

2

BUILD A KIT

For Your Household

Ready Palm Beach County
www.readypbc.org

3

GET INVOLVED

Volunteer

Ready Palm Beach County
www.readypbc.org

4

BE INFORMED

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www.ReadyPBC.com

BUILD A KIT

- Make a kit; keep it stocked year round
 - Canned food and snacks (can opener)
 - Water – 1 gallon per person per day
 - Prescriptions and over the counter medication
 - Flashlights, battery powered radio and extra batteries
 - Personal hygiene supplies
 - Baby items
 - Pet items
 - Paper products and plastic utensils
 - Cash
 - Important documents



www.ReadyPBC.com



GET INVOLVED

- Volunteer with an organization active in disasters
 - Amateur Radio Club
 - American Red Cross
 - Salvation Army
 - United Way
 - Your Own faith based organization
- Or get involved within your own community and help your neighbors by becoming a Community Emergency Response Team Member (CERT)
 - Check on those living alone or who are elderly



www.ReadyPBC.com



BE INFORMED

- Be informed:
 - Sign up for AlertPBC
 - Download PBC DART app
 - Follow us on Social Media
 - Monitor local media, our website, and our social media for preparedness information and protective actions



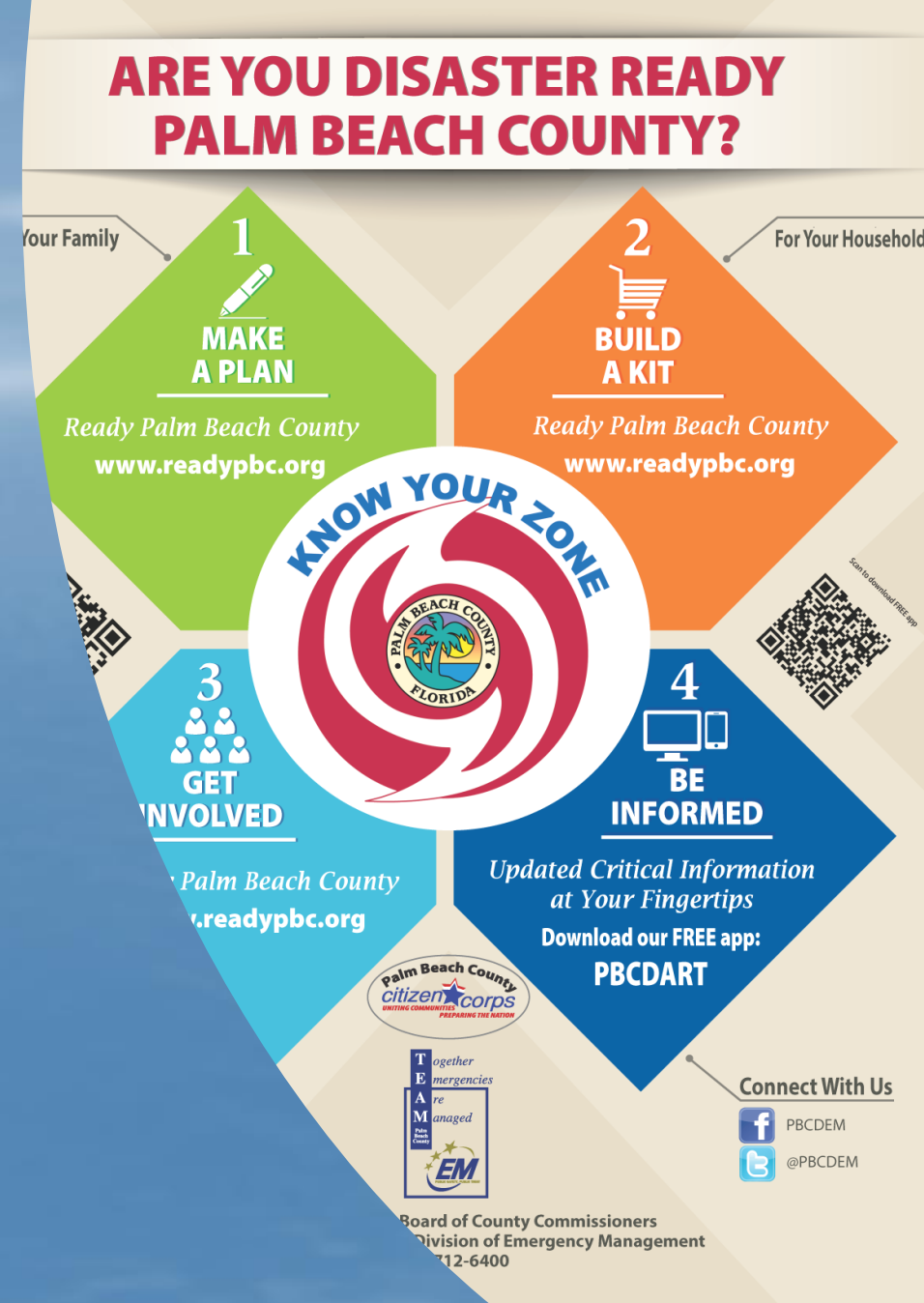
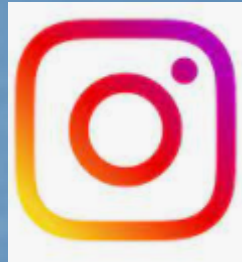
www.ReadyPBC.com



- 1** 
MAKE A PLAN
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RESOURCES

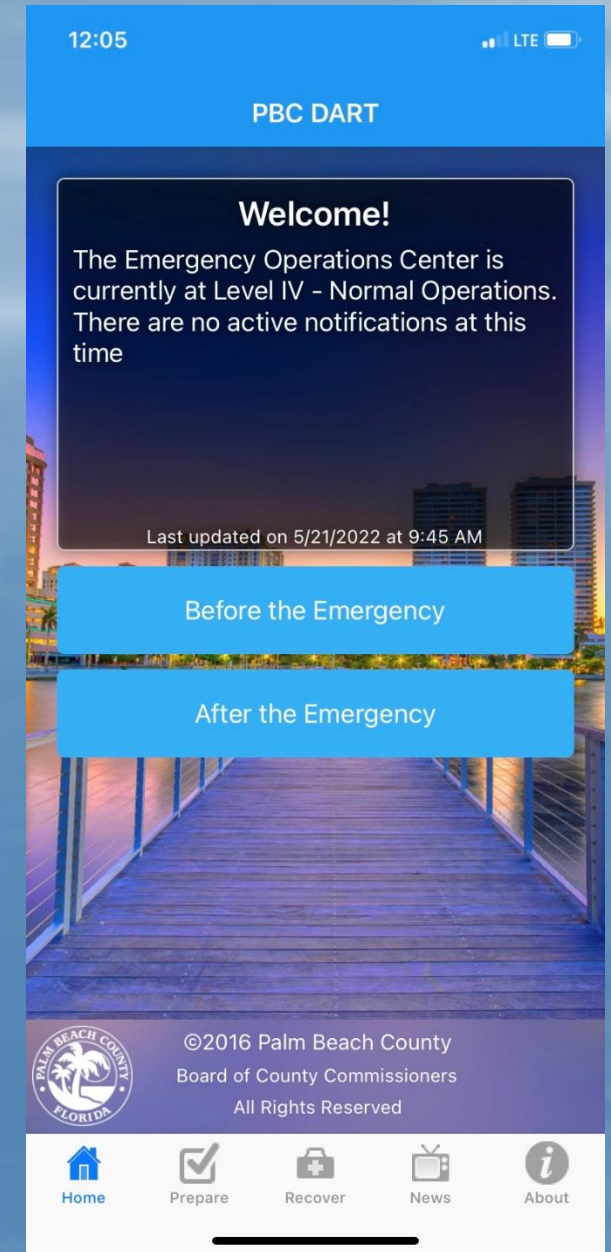
- ReadyPBC.com
- AlertPBC.com
- PBC DART
- Plagiarize all you want!



PBC DART

Disaster Awareness & Recovery Tool

- Smartphone application available *free* at Google Marketplace and Apple iTunes
- Evacuation tool
- Shelter location tool
- Building Supply and Grocery Stores with Generators
- Gas Stations with Transfer Switches
- iDART (Individual DAmage Reporting Tool)
 - To report individual homeowner damage and flooding
- bDART (Business DAmage Reporting Tool)
 - To report business damage and flooding





AlertPBC allows you to opt in to receive notifications via **phone calls, text messaging, e-mail and more** based on locations you care about. The system will be used to notify you about **imminent threats to health and safety**, such as:



**severe
weather**



flooding



gas leaks



**police
activity**

and more



Sign up for notifications at
www.AlertPBC.com

9-1-1 SYSTEM – WHO AND WHEN TO CALL

Emergency

- Call 9-1-1
 - EMS
 - Law Enforcement
 - Fire
- ***Call if you can;
text if you can't!***



Non-emergency resources

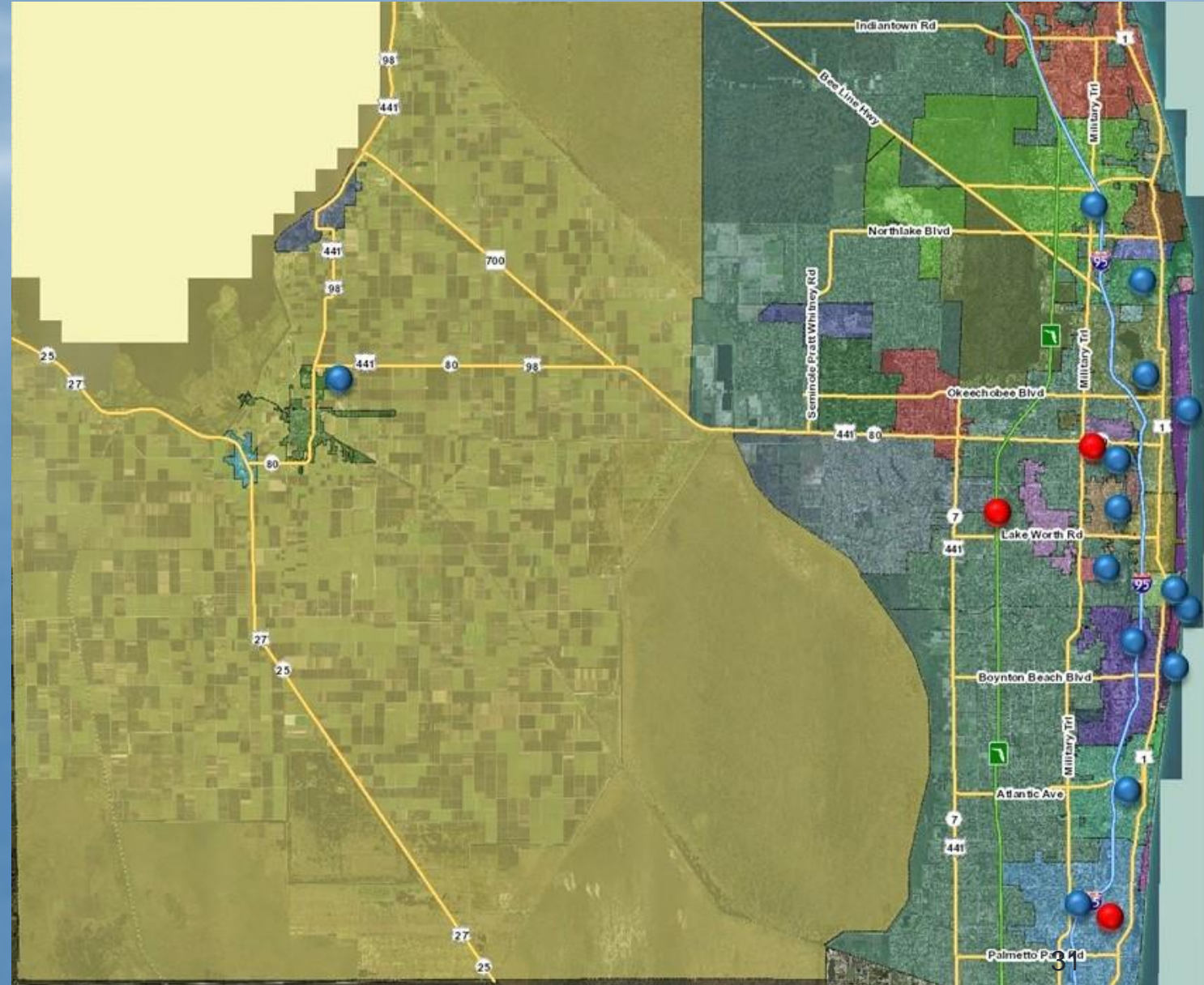
- EIC – 561-712-6400
- PBSO or local PD
 - PBSO 561-688-3400
 - PBC911.com for list of local agencies
- Monitor local media
- Reliable internet sites



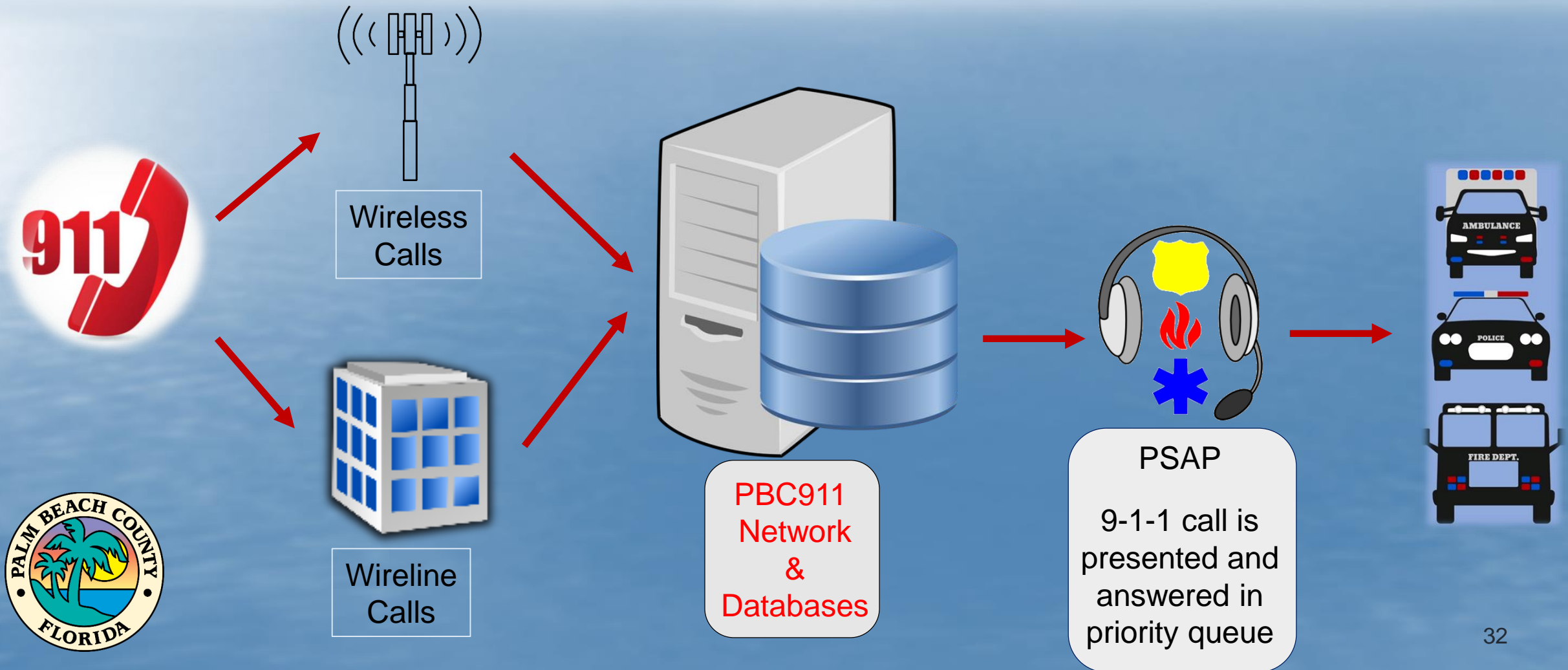
Anytime you feel you are at personal risk in an emergency, call 9-1-1!

9-1-1 SYSTEM – WHO ANSWERS?

- 13 Primary PSAPs
- answered by LE first
- 3 Secondary PSAPs
 - PBCFR
 - FAU PD
 - FHP LWRCC



9-1-1 SYSTEM – CALL FLOW



9-1-1 SYSTEM - RESILIENCY

- Overflow and failover routing
- Back up power
- Geo-diverse location of equipment
 - PBC
 - Florida
- Public Safety grade network
- Remote call answering options



SO HOW CAN YOU HELP?





YOUR ROLE

Understand our response priorities:

- **Priority 1:** Life saving/life safety & security
 - high hazard areas,
 - high-risk populations, and
 - search and rescue situations
- **Priority 2:** Establish communications
- **Priority 3:** Mission critical operations
 - Meet basic human needs
- **Priority 4:** Mission critical infrastructure
 - Open roads, schools, businesses
- **Priority 5:** Environmental hazard mitigation





YOUR ROLE

Reinforce EOC actions & priorities:

- Assist with federal declarations:
 - Work with lawmakers to “turn on” FEMA programs
 - Special requests for federal assistance
 - Reimbursement support
- Consistent messaging:
 - Reinforce protective actions
 - Reinforce public information



THANK YOU

**ANY
QUESTIONS?**

