



Bob Bunting

CEO and Chairman, Climate Adaptation Center, Inc.



CLIMATE
ADAPTATION
CENTER

TheClimateAdaptationCenter.org



Just aim your camera here!



UPCOMING EVENTS



The Climate Adaptation Center presents

THE CLIMATE CHAMPIONS AWARDS

★ 2026 ★

Celebrating Leadership in Climate Resilience

Wednesday, March 11, 2026 • 11am – 1pm
Michael's on East • Sarasota, FL

[BUY TICKETS NOW](#)

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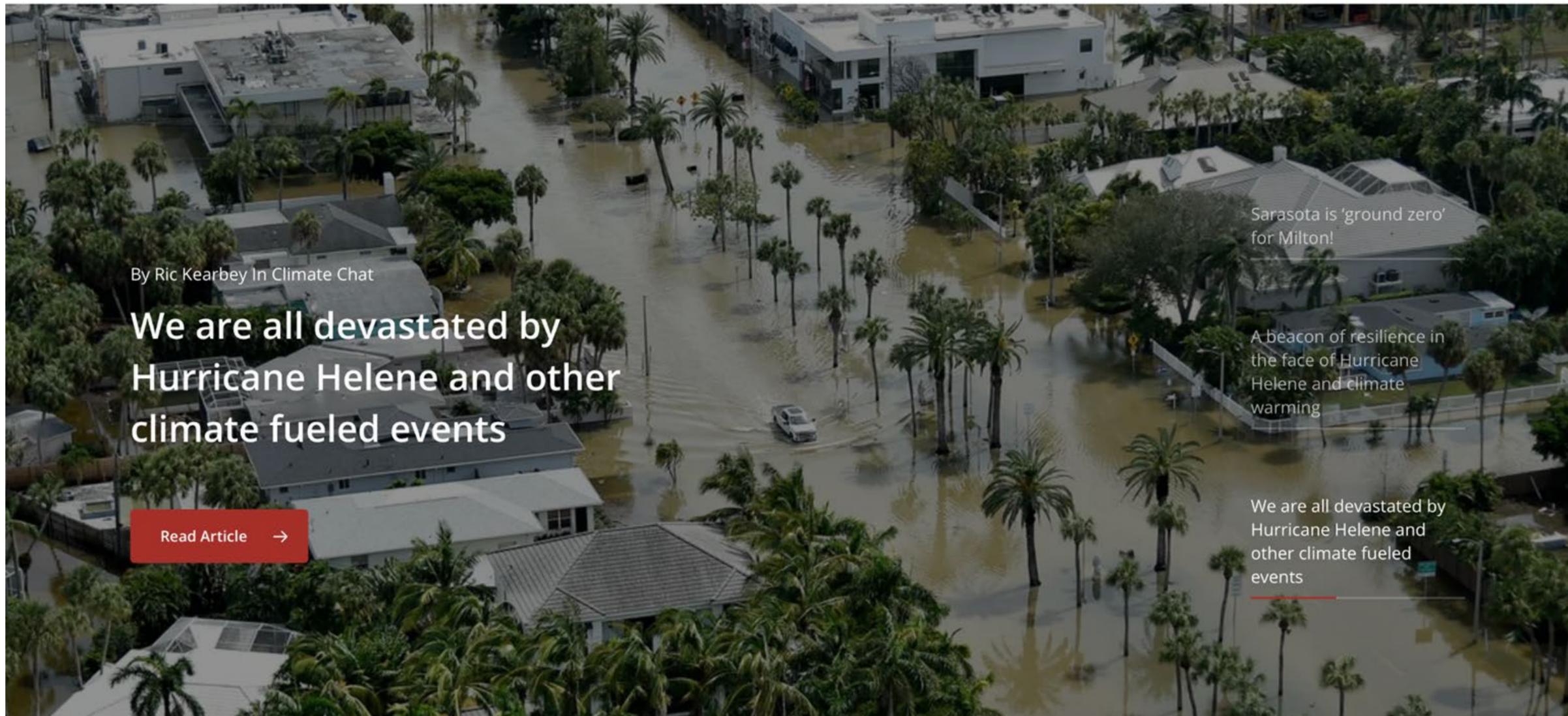
The Climate Adaptation Center (CAC) was launched 6 years ago here in Sarasota.

TheClimateAdaptationCenter.org



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By Ric Kearbey In Climate Chat

We are all devastated by Hurricane Helene and other climate fueled events

[Read Article](#) →

Sarasota is 'ground zero' for Milton!

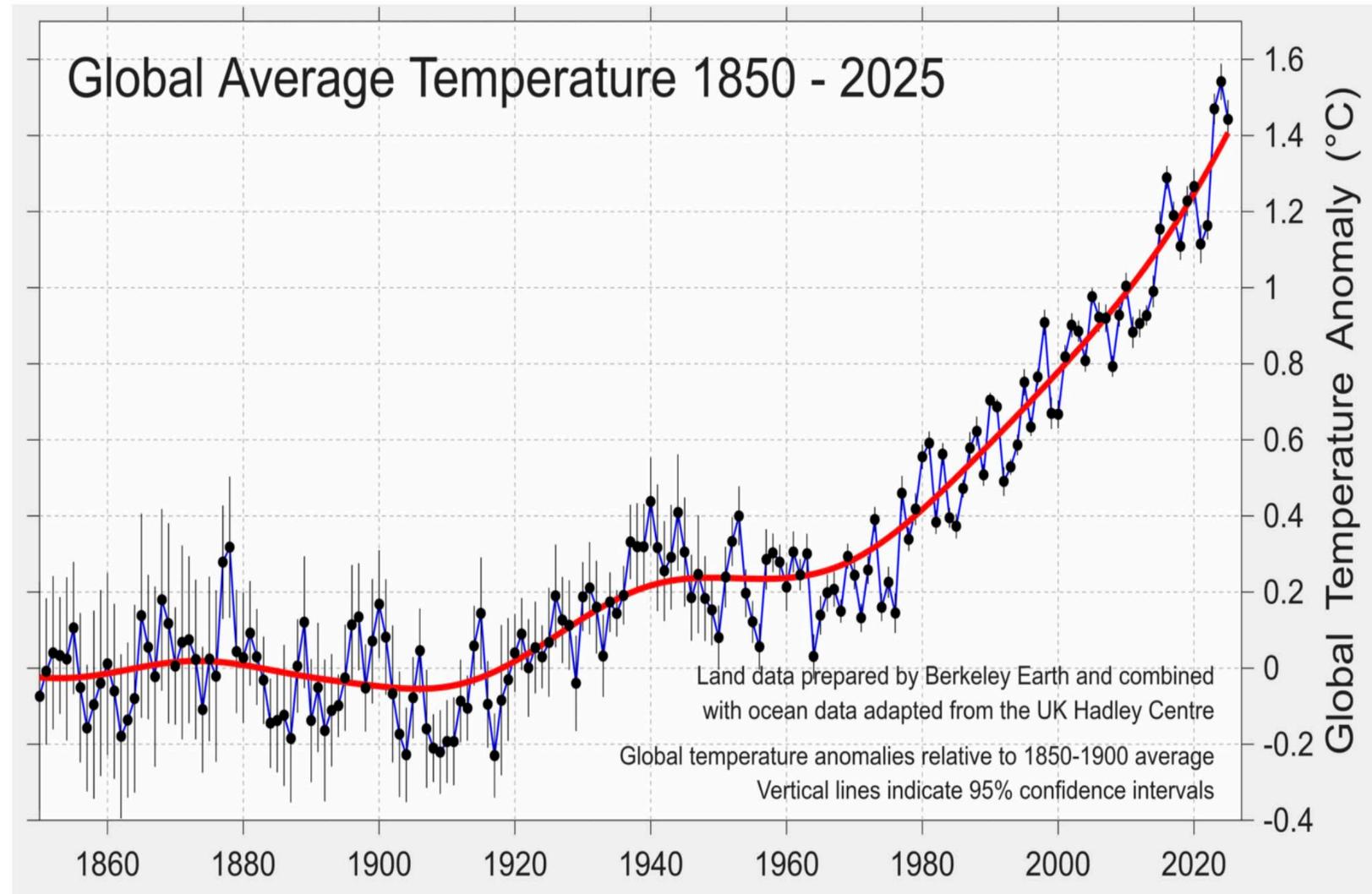
A beacon of resilience in the face of Hurricane Helene and climate warming

We are all devastated by Hurricane Helene and other climate fueled events



Earth is warming at an incredible rate

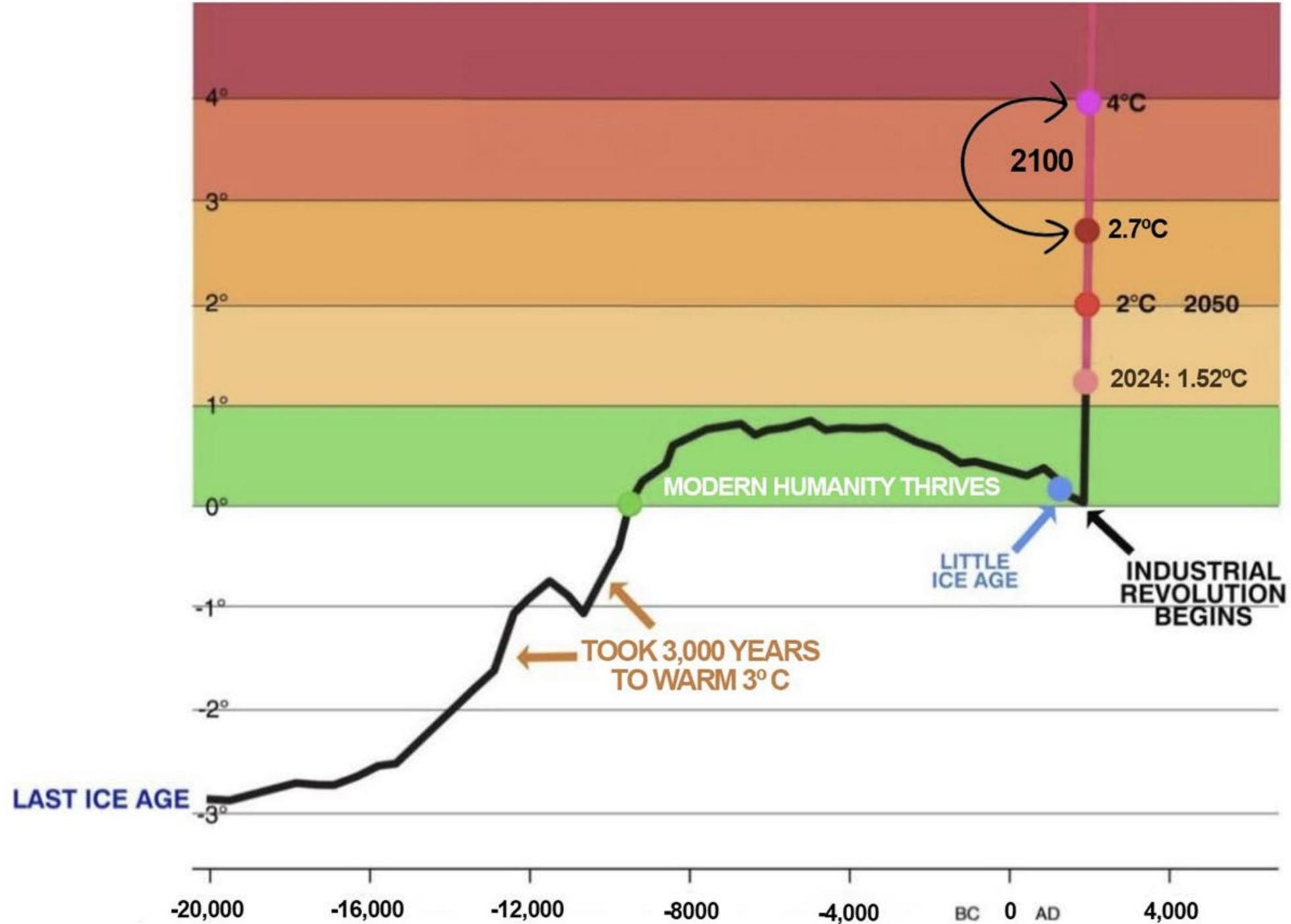
Annual Temperature Anomaly





CLIMATE
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CENTER

Earth is warming at an incredible rate





The Triple Threat of Water



Extreme Precipitation

A lot or none at all





The Triple Threat of Water



Extreme Precipitation

A lot or none at all

Clue: Since 2021

Two 1000-year floods &

500-year flood

Sarasota County





The Triple Threat of Water



Extreme Precipitation

A lot or none at all

Since 2021
Two 1000-year floods &
500-year flood
Sarasota County

Epic Red Tide event

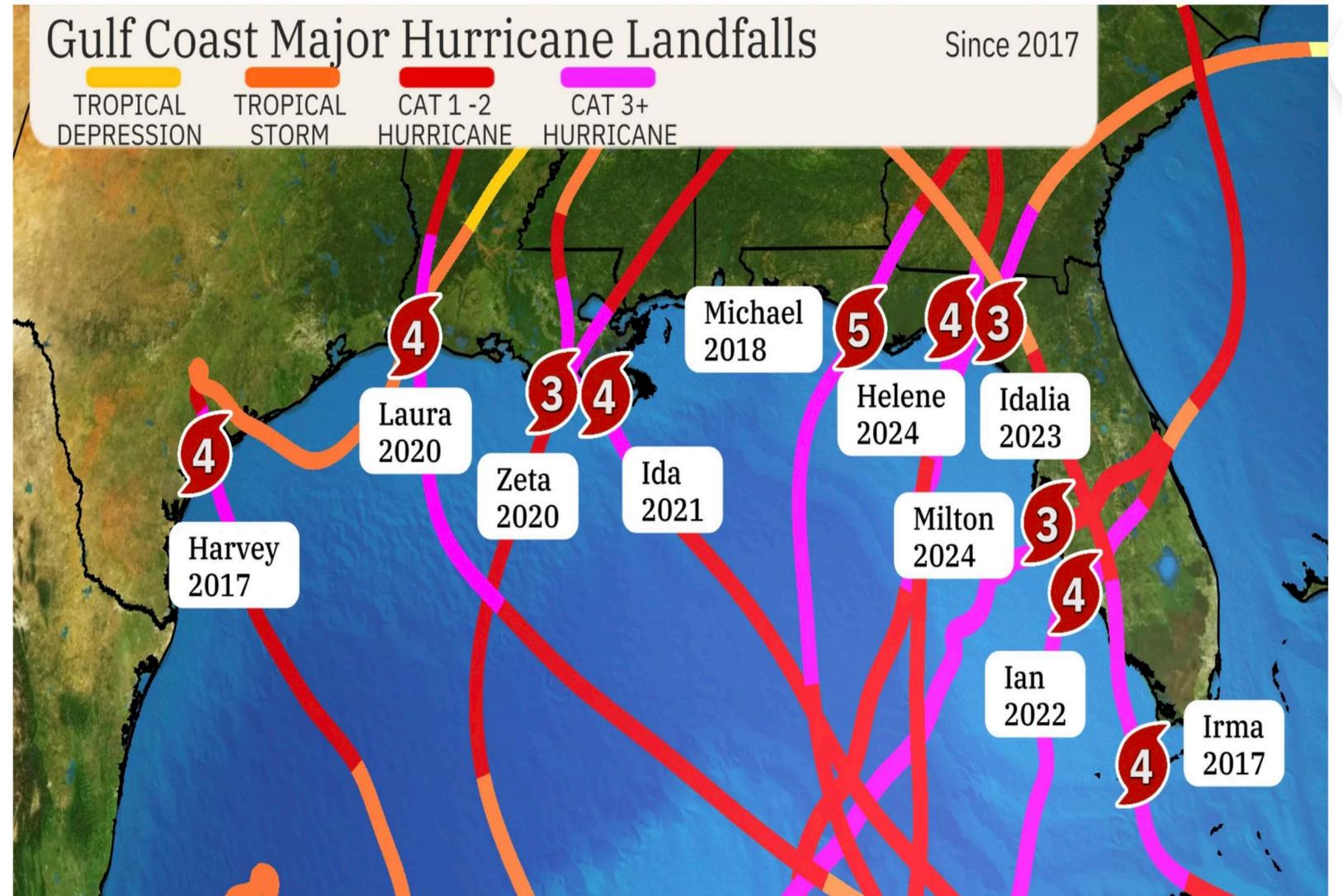




The Triple Threat of Water



Hurricanes & Storm Surge



11 Major Hurricanes since 2017



The Triple Threat of Water



Hurricanes & Storm Surge

Hurricane Helene & Milton brought 6.7' storm surge in Sarasota





The Triple Threat of Water



Hurricanes & Storm Surge

Hurricane Debby

It also brought 19" of rain to Sarasota & 3-5 ft Storm Surges to the barrier islands





The Triple Threat of Water



Hurricanes & Storm Surge

Hurricane Helene & Milton brought 6.7' storm surge in Sarasota

Milton brought 18.87" of rain to St. Petersburg

State record 126 tornado warnings in one day, 41 confirmed, two rare EF-3's





Hurricanes & Storm Surge

Hurricane Helene & Milton brought 6.7 ft storm surge in Sarasota

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The Triple Threat of Water





The Triple Threat of Water



Hurricanes & Storm Surge

Hurricane Milton brought 6.7 ft storm surge to Sarasota

It also brought 18.87" of rain to St. Petersburg

State record 126 tornado warnings in one day, 41 confirmed, two rare EF-3's

Close Today's Weather Conditions 

RIGHT NOW

 **78°**  F
FEELS LIKE 86°

Light Rain/Wind

	24-hr Precip Estimate	5.81 in
	Wind & Gusts from SE	97 mph 128 mph 
	Humidity	93%
	Dew Point	76°
	Visibility	4 mi
	Pressure Falling Rapidly	28.96"



The Triple Threat of Water



Hurricanes & Storm Surge

Hurricane Helene brought up to 7' storm surge in parts of Pinellas County





The Triple Threat of Water



Hurricanes & Storm Surge

Hurricane Helene brought up to 7' storm surge in parts of Pinellas County

At least 12 killed in Tampa Bay

49,000 homes flooded





The Triple Threat of Water



Hurricanes & Storm Surge

Hurricane Helene brought up to 7' storm surge in parts of Pinellas County

At least 12 killed in Tampa Bay

All of this despite the storm staying 100 miles offshore while passing SW Florida's coastline





The Triple Threat of Water



Hurricanes & Storm Surge

Hurricane Debby brought 11" to Sarasota Airport in one day





Hurricanes & Storm Surge

Hurricane Debby brought 11" to Sarasota Airport in one day

17 sanitary sewer overflows reported, with 50 million gallons reported spilled during the storm

The Triple Threat of Water

48-HOUR RAINFALL WEST-CENTRAL FLORIDA

LOCATION	TOTAL
Tatum Ridge	21.06"
Towles Court	19.87"
Laurel Park	19.25"
Paver Park	19.16"
Oscar Scherer State Park	18.15"

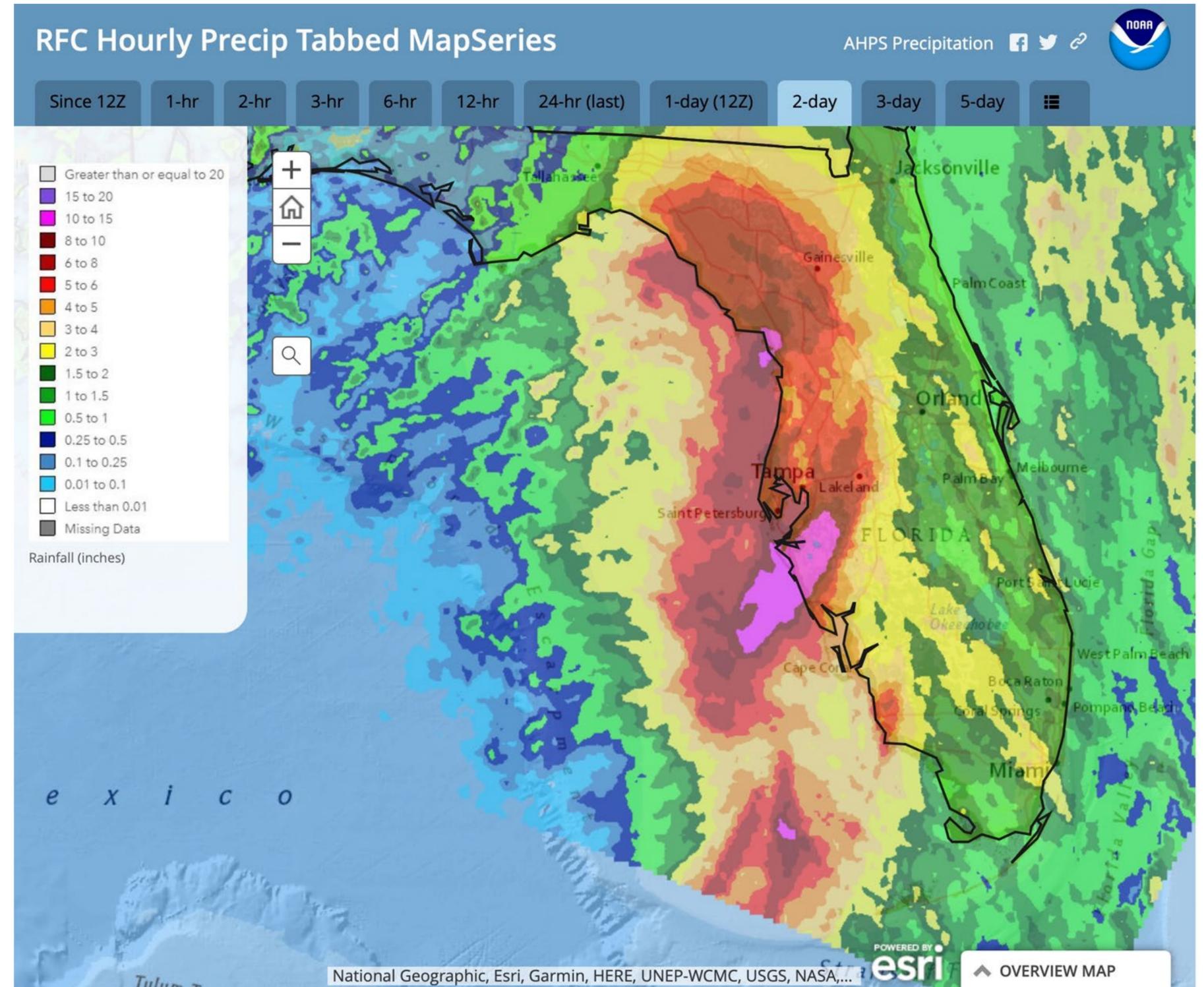


Hurricanes & Storm Surge

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The Triple Threat of Water



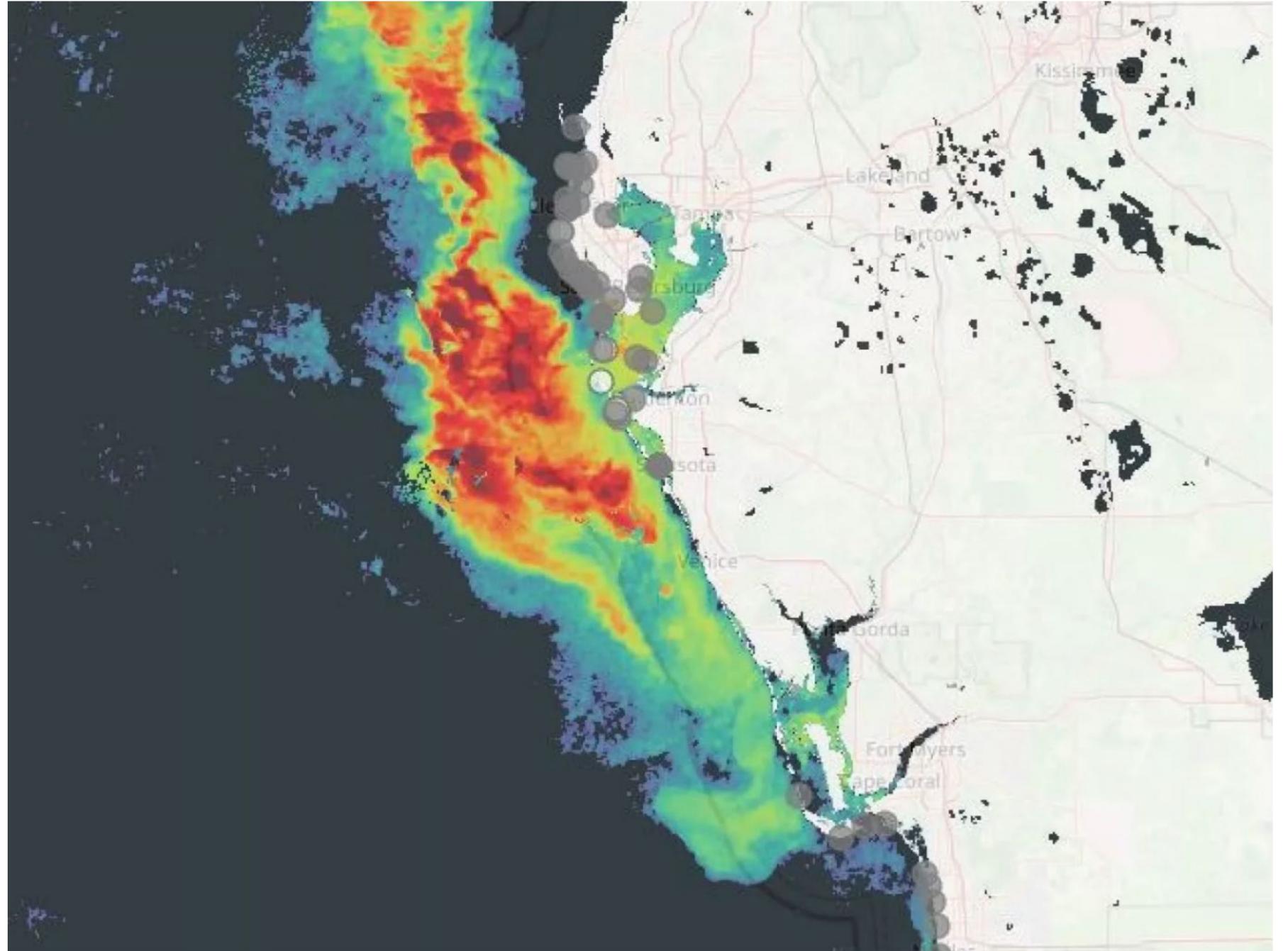


Hurricanes & Storm Surge

Hurricane Debby brought 11" to Sarasota Airport in one day

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The Triple Threat of Water





The Triple Threat of Water



Hurricanes & Storm Surge

Hurricanes Debby, Helene & Milton:
Approx. = \$3 billion in damage in our
local communities



Horseshoe Beach after Hurricane Helene



The Triple Threat of Water



Hurricanes & Storm Surge

5.5' storm surge for Longboat Key during Hurricane Idalia





The Triple Threat of Water



Hurricanes & Storm Surge

5.5' storm surge for Longboat Key during Hurricane Idalia

St. Armand's Circle was under Water with just 65 mph winds





The Triple Threat of Water



Hurricanes & Storm Surge

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The Triple Threat of Water



Hurricanes & Storm Surge

5.5' storm surge for Longboat Key during Hurricane Idalia

St. Armand's Circle was under Water with just 65 mph winds





The Triple Threat of Water



Hurricanes & Storm Surge

In 2025 – St Armand's Circle flooded
5 times

3 times salt water

2 times fresh water





The Triple Threat of Water



2021 & 2024
Extreme Flooding

2023 & 2025
Extreme Drought

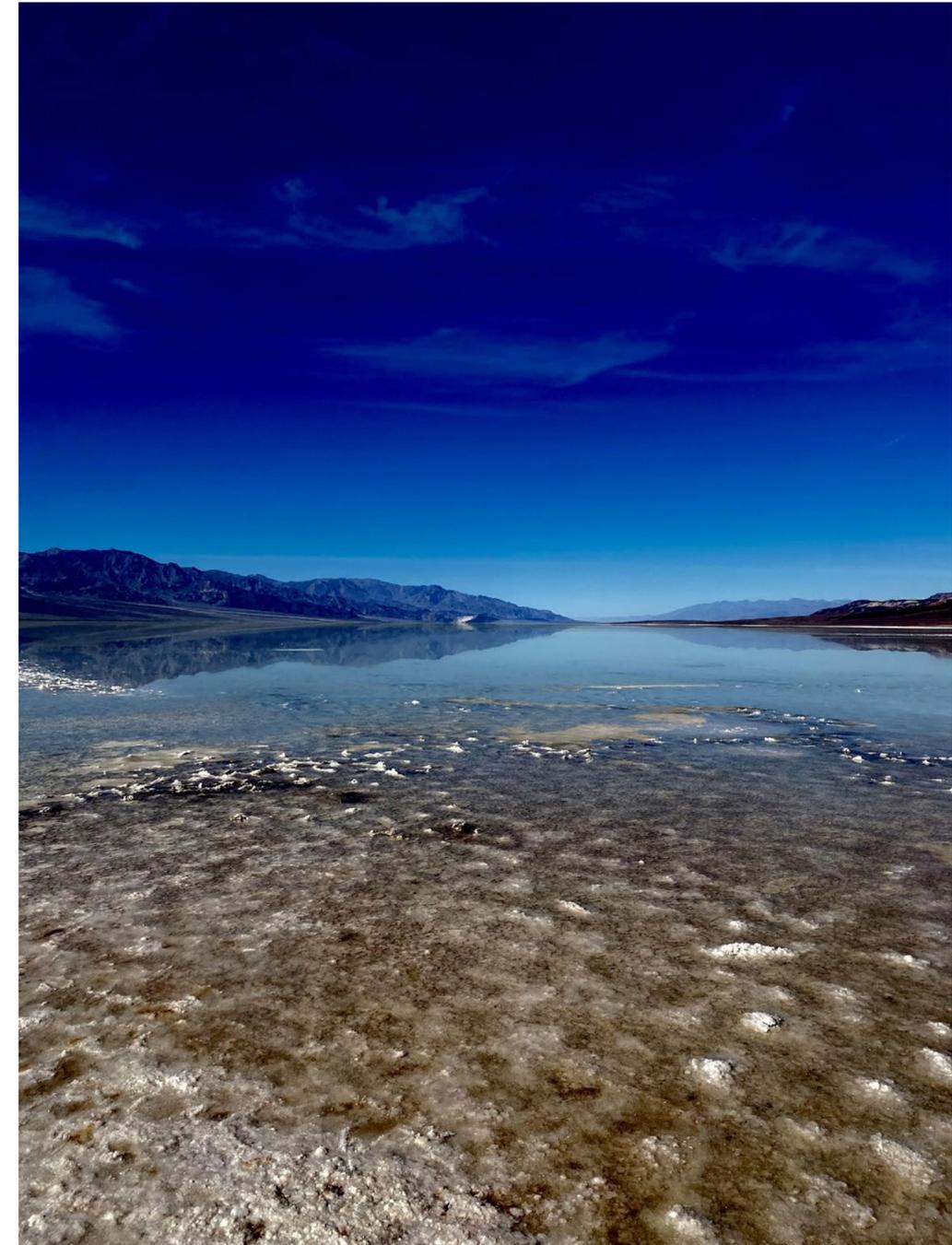
2026? – You Guess but
I think I know!





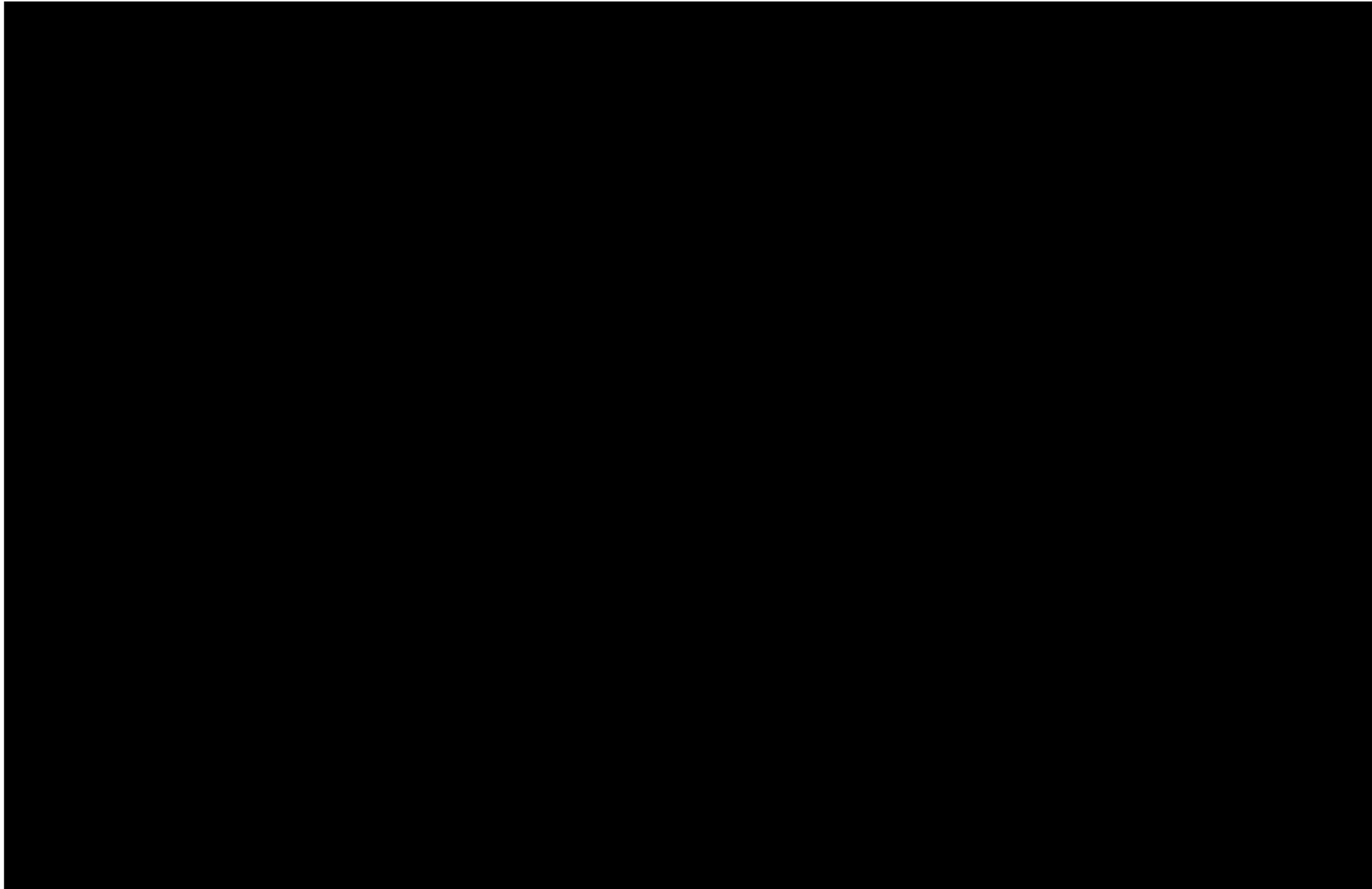
How Extreme Has Our Weather Become?

This is Death Valley, California

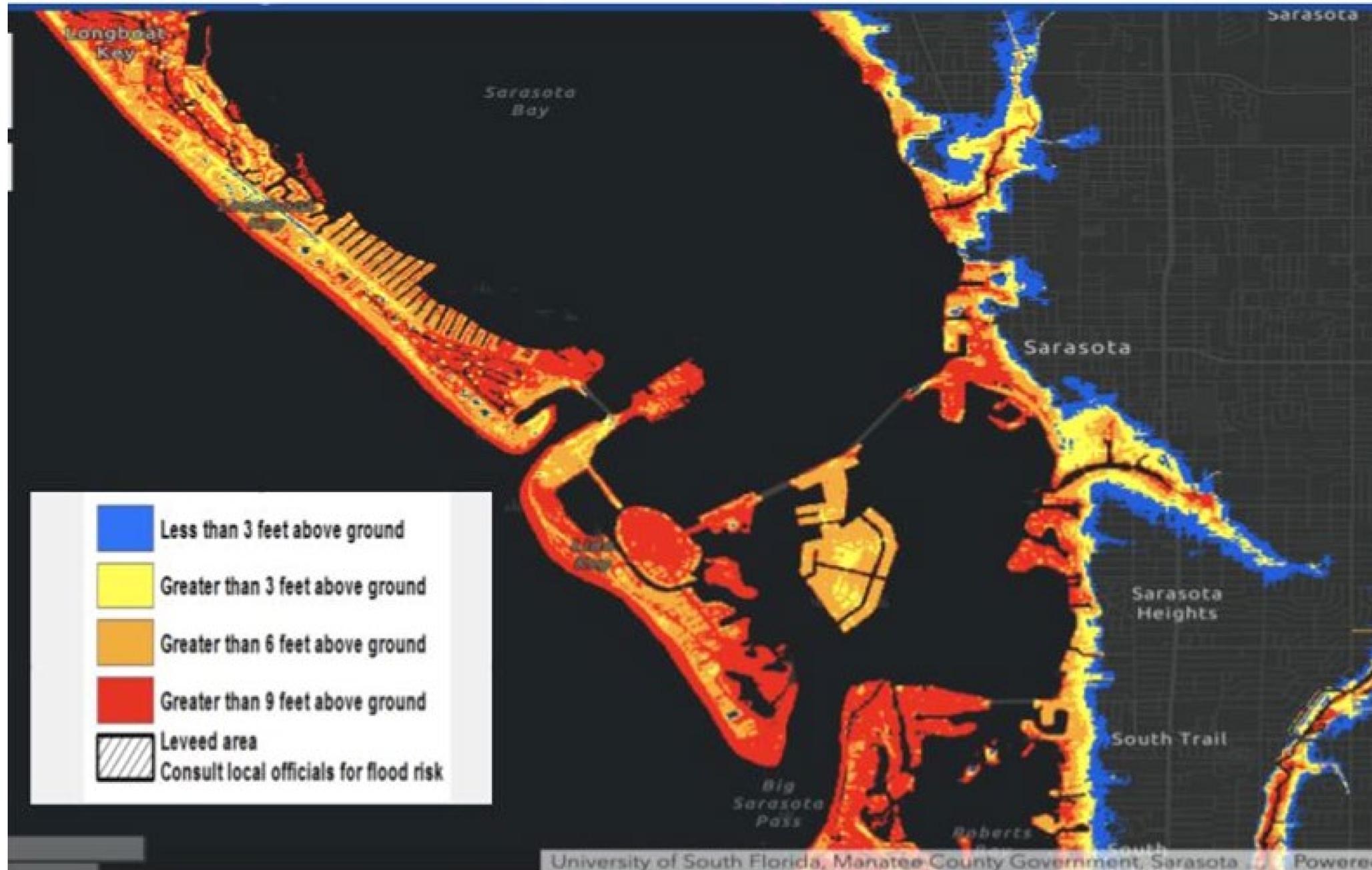




What Storm Surge Looks Like



Our storm surge when a CAT 2 hurricane strikes



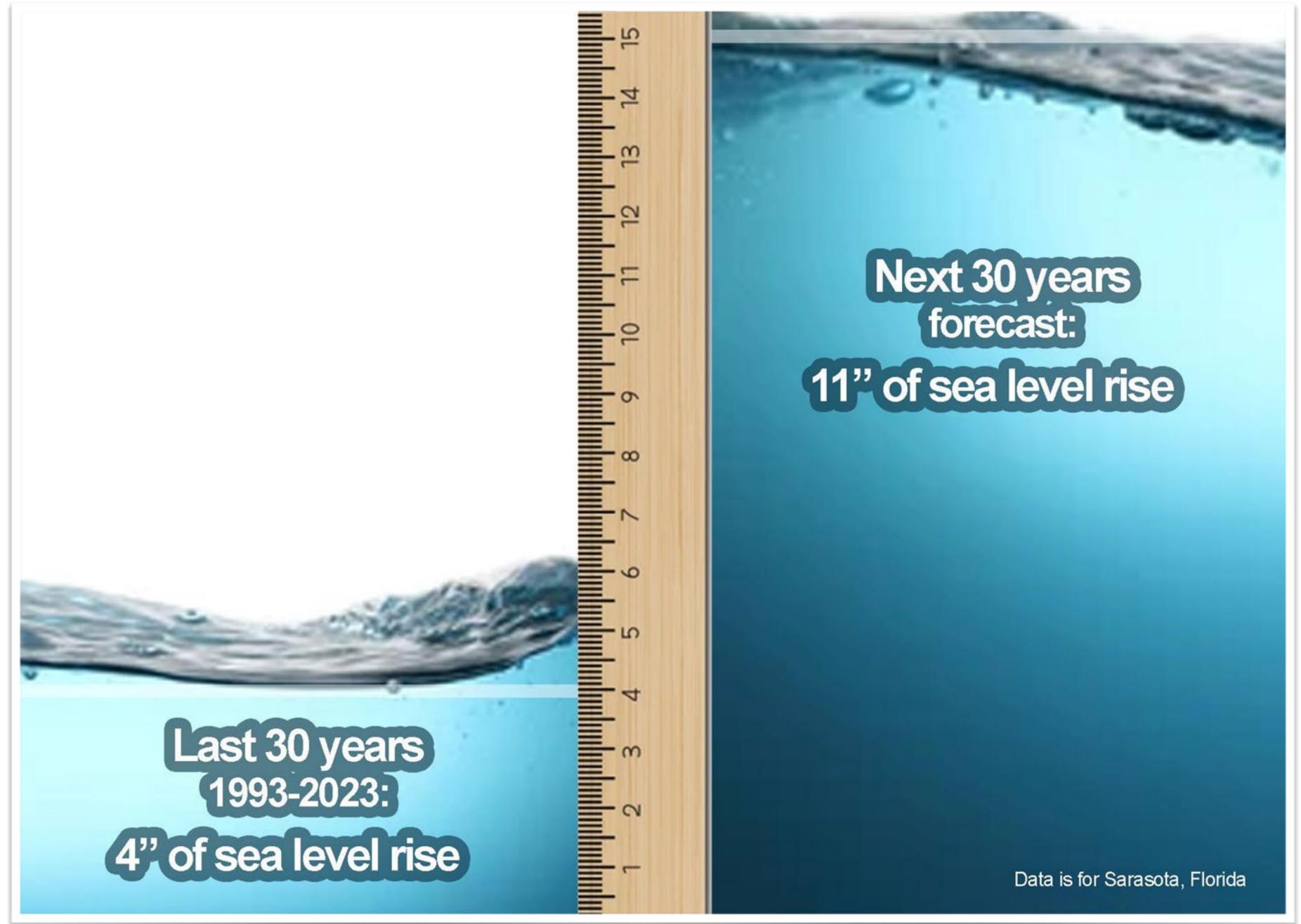


The Triple Threat of Water



Sea Level Rise

This makes threats 1 & 2 worse.





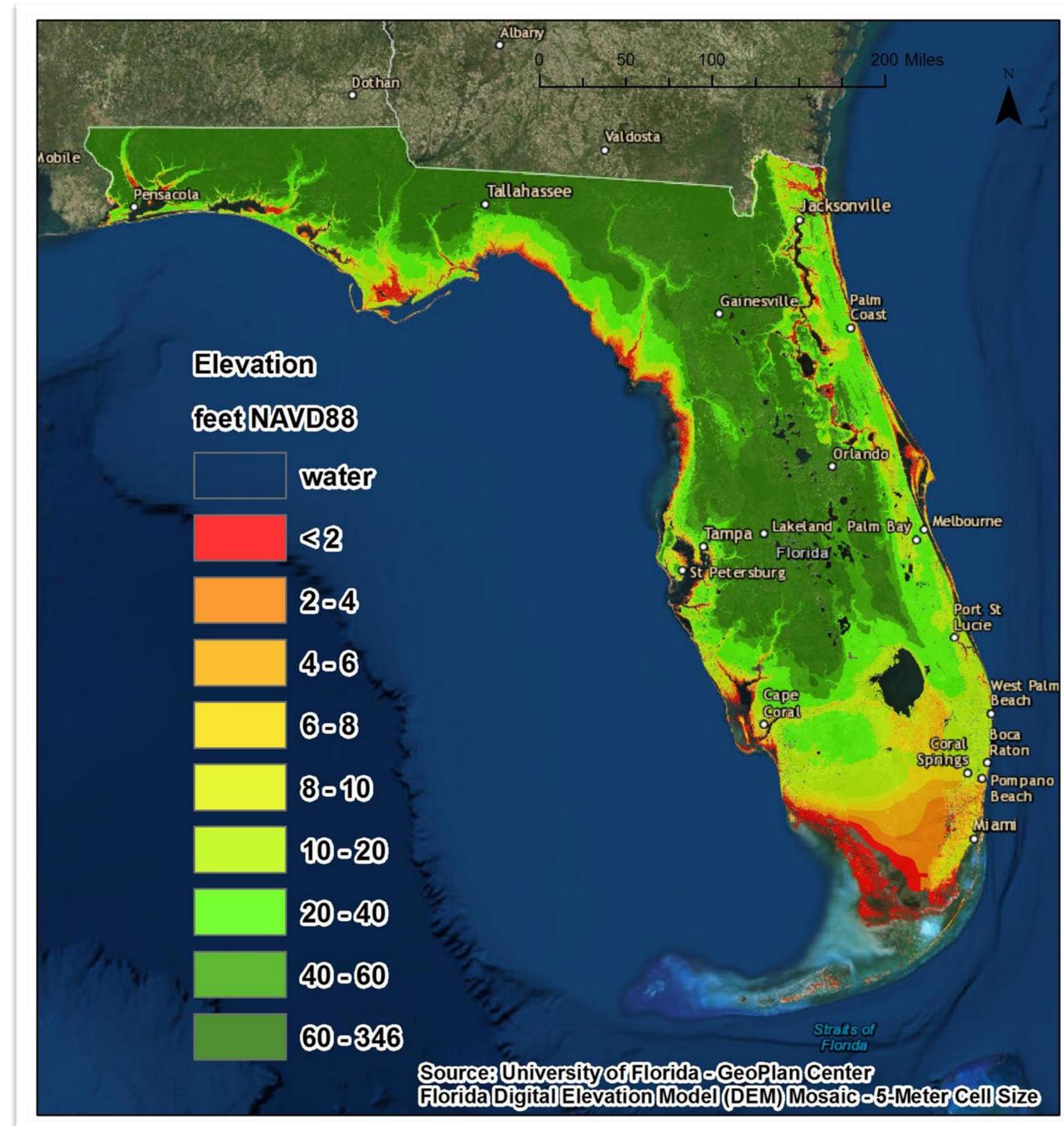
The Triple Threat of Water



Sea Level Rise

This makes threats 1 & 2 worse.

Most of S Florida is < 10' above sea level, parts of SW Florida < 5'.





The Triple Threat of Water



Sea Level Rise

This makes threats 1 & 2 worse.

Most of S Florida is < 10' above sea level, parts of SW Florida < 5'.

11" of sea level rise in last 75 years & 5.5" since 2010 in Sarasota Bay.
Another 11" in next 30 years





Storm Surge Concern



Join us for the Climate Champions Awards on Wednesday, March 11 at
Michaels on East & The 2025 from 11 am – 1 pm **AND** The 2026
Hurricane Season Forecast from 9 am - Noon at USF SM



**“There is no sustainability
without a stable climate”**

Be Part Of The Solution



Just aim your camera here!

