

HURRICANE PREPAREDNESS



CHIEF METEOROLOGIST

MATT DEVITT

WINK
NEWS

HURRICANE PREPAREDNESS

- BORN & RAISED IN FLORIDA
- PENN STATE METEOROLOGY
- 11 YEARS IN TV, 5 YEARS AT WINK
- NATIONAL WEATHER ASSOCIATION MEMBER
- AMERICAN METEOROLOGICAL SOCIETY MEMBER



CHIEF METEOROLOGIST

MATT DEVITT



HURRICANE IRMA (2017)

CATEGORY

5

WIND

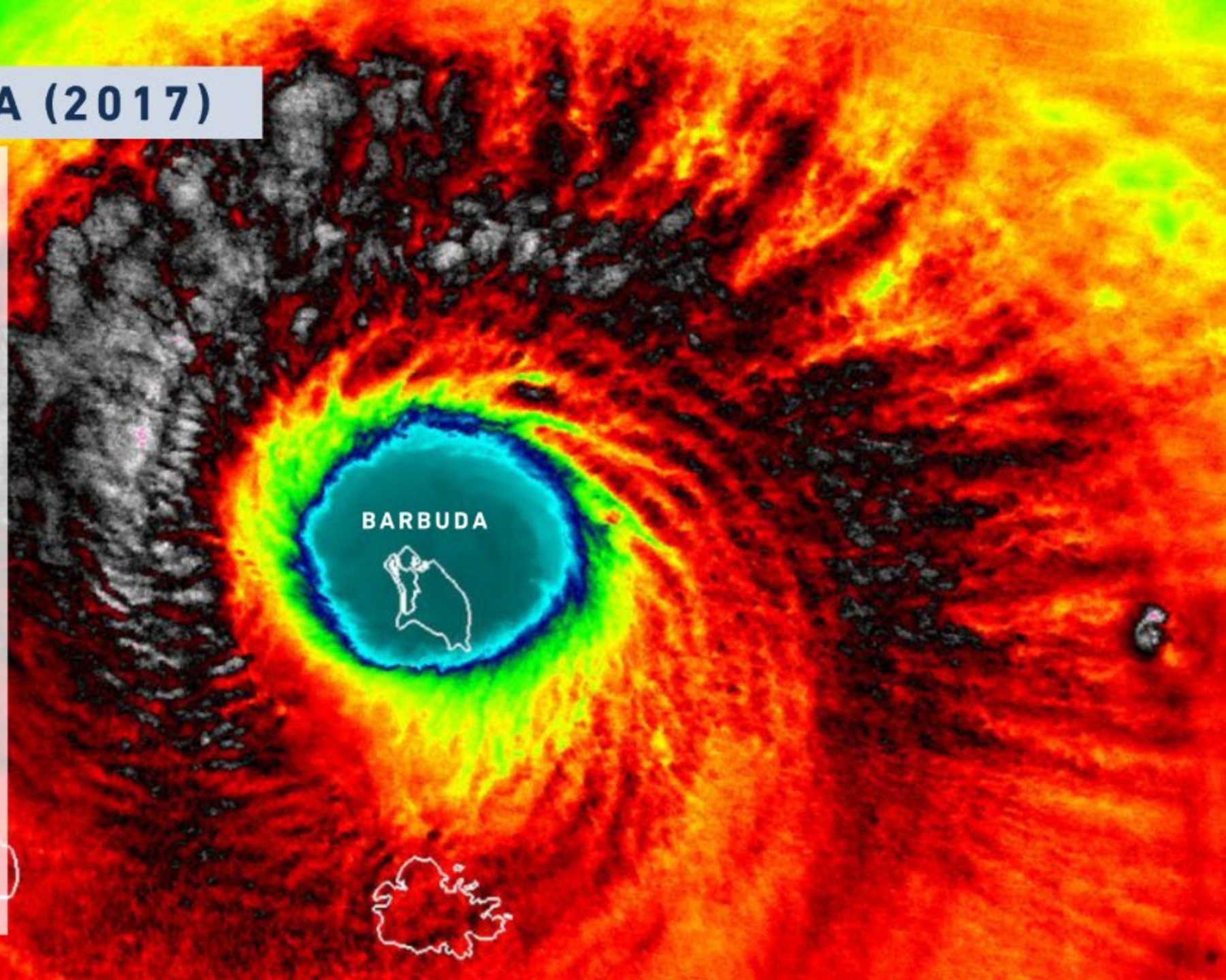
180 MPH

DAMAGE

\$77 BILLION

DEATHS

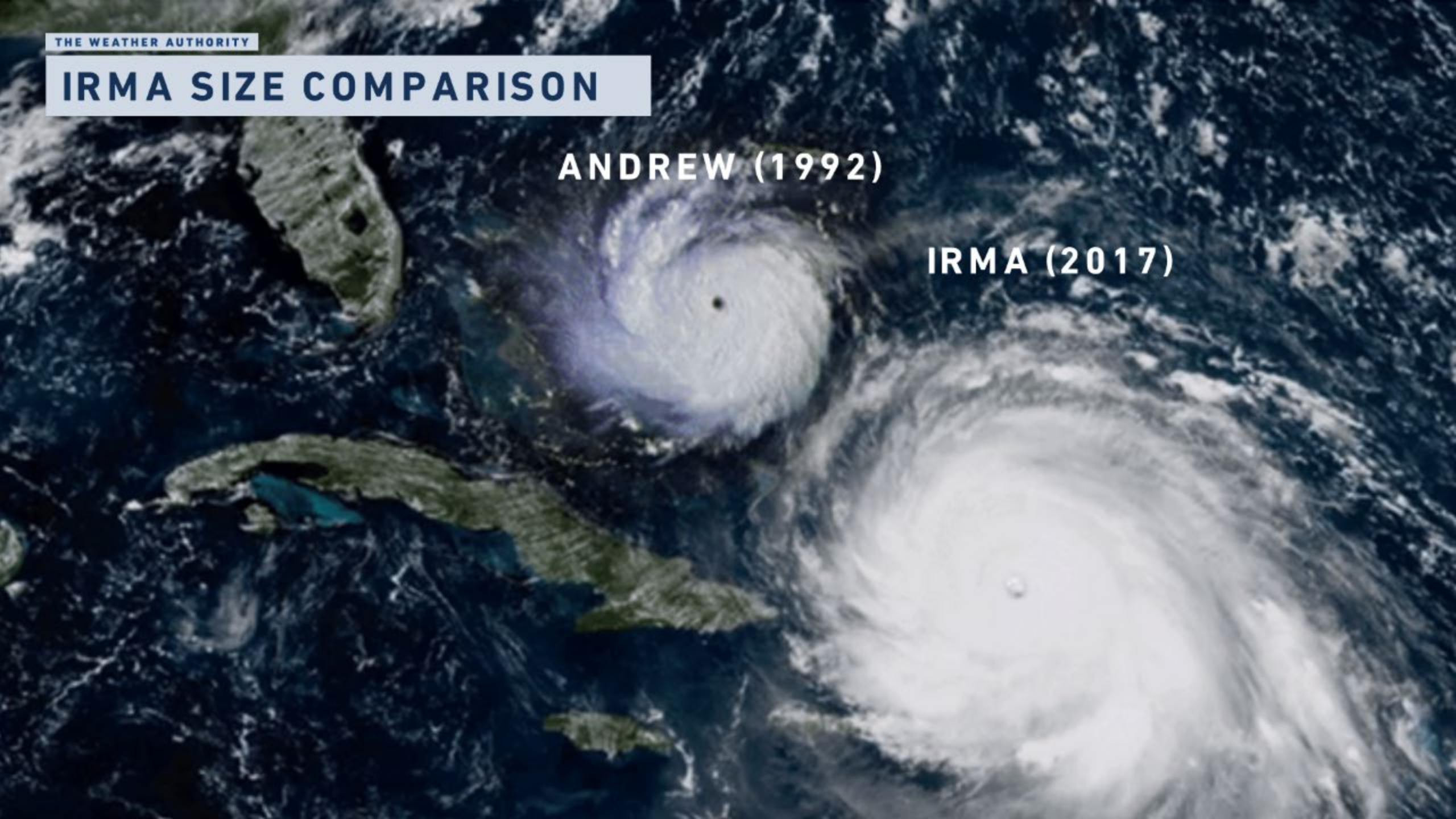
134



IRMA SIZE COMPARISON

ANDREW (1992)

IRMA (2017)



THE WEATHER AUTHORITY

HURRICANE IRMA (2017)

OVER 3,000 MILES!



THE WEATHER AUTHORITY

DOPPLER RADAR

TODAY

9:08 AM



WINK
NEWS

SHELTERS

EVACUATIONS

ALL VA MEDICAL CENTER IN GAINESVILLE.

WINK

DESOTO M

THE WEATHER AUTHORITY

HURRICANE IRMA (2017)



142 MPH

STRONGEST WIND GUST - NAPLES

IRMA PEAK WIND GUSTS

NAPLES	142 MPH
MARCO ISLAND	130 MPH
LELY	122 MPH
QUAIL CREEK ESTATES	112 MPH
BONITA SPRINGS	90 MPH
SWFL INT'L AIRPORT	89 MPH
FORT MYERS	84 MPH
SANIBEL	78 MPH

THE WEATHER AUTHORITY

HURRICANE IRMA (2017)

8 FEET

HIGHEST STORM SURGE - CHOKOLOOSKEE

THE WEATHER AUTHORITY

HURRICANE IRMA (2017)



8 - 14"

GREATEST RAINFALL - BUCKINGHAM

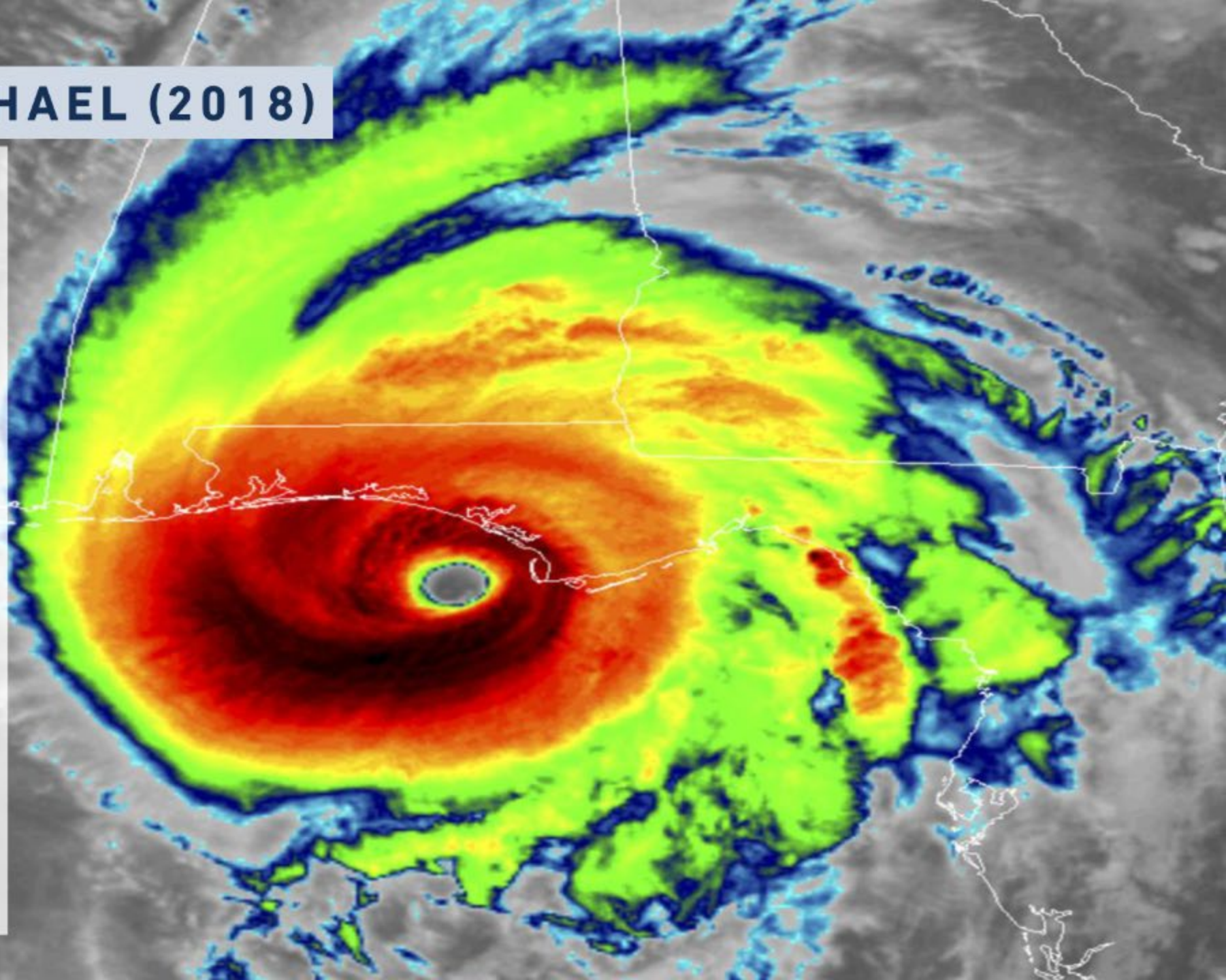
HURRICANE MICHAEL (2018)

**CATEGORY
5**

- FIRST CAT 5 LANDFALL
IN THE U.S. SINCE ANDREW
IN 1992.

- THIRD MOST INTENSE
LANDFALL IN THE U.S.
ON RECORD (919 MB)

**WIND
160 MPH
DAMAGE
\$25 BILLION**



HURRICANE MICHAEL (2018)



TROPICAL DEPRESSION TO CATEGORY FIVE IN **3 DAYS!**

THE WEATHER AUTHORITY

HURRICANE MICHAEL (2018)

BEFORE



THE WEATHER AUTHORITY

HURRICANE MICHAEL (2018)

AFTER



USGS measured water levels from Hurricane Michael




17.5 feet
above sea-level
(high water mark)

19 feet
above sea-level
(high water mark)

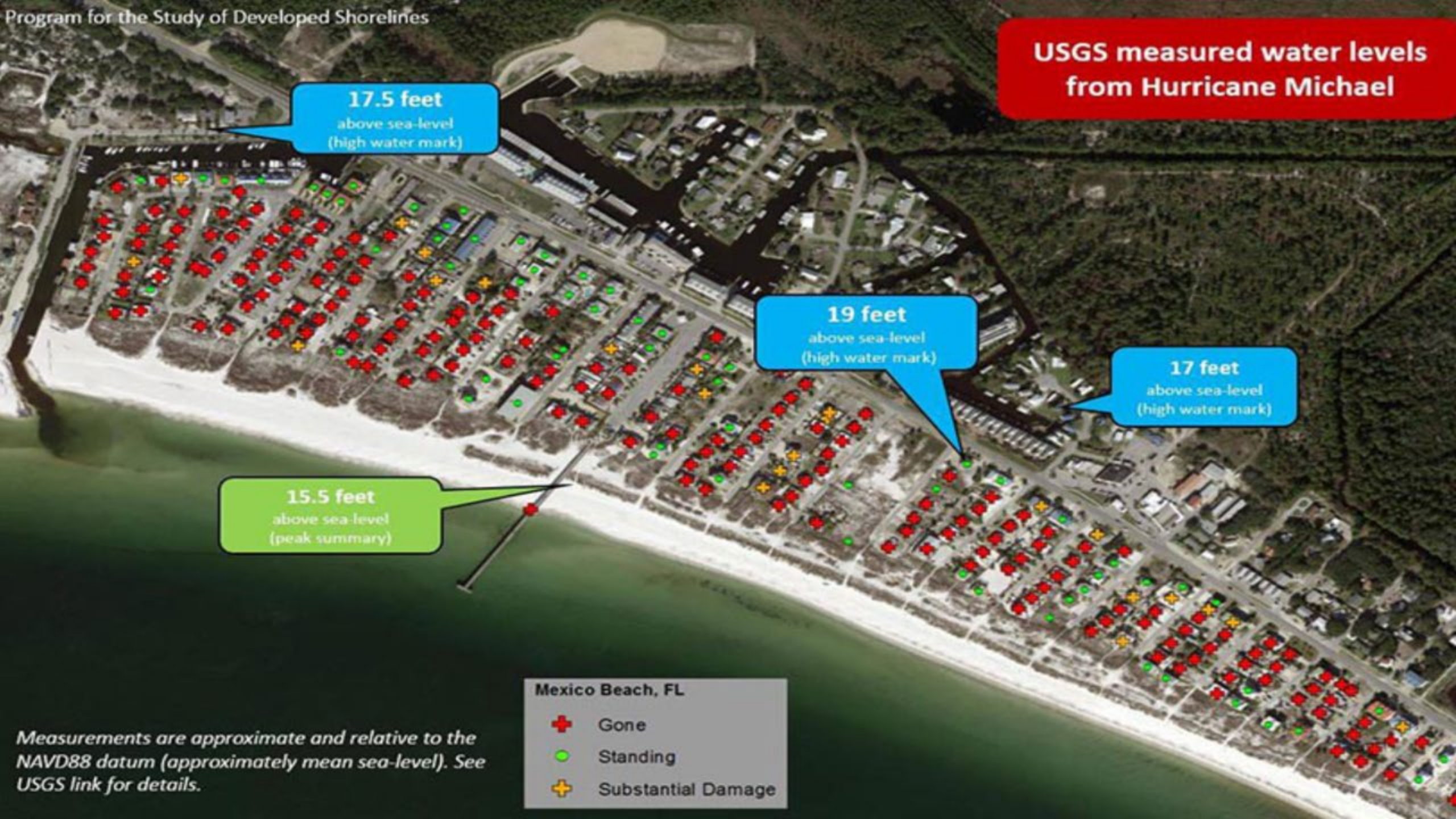
17 feet
above sea-level
(high water mark)

15.5 feet
above sea-level
(peak summary)

Mexico Beach, FL

-  Gone
-  Standing
-  Substantial Damage

Measurements are approximate and relative to the NAVD88 datum (approximately mean sea-level). See USGS link for details.



HURRICANE DORIAN (2019)

**CATEGORY
5**

**WIND
185 MPH**

- MOST POWERFUL HURRICANE
ON RECORD IN OPEN ATLANTIC
(NOT CARIBBEAN)

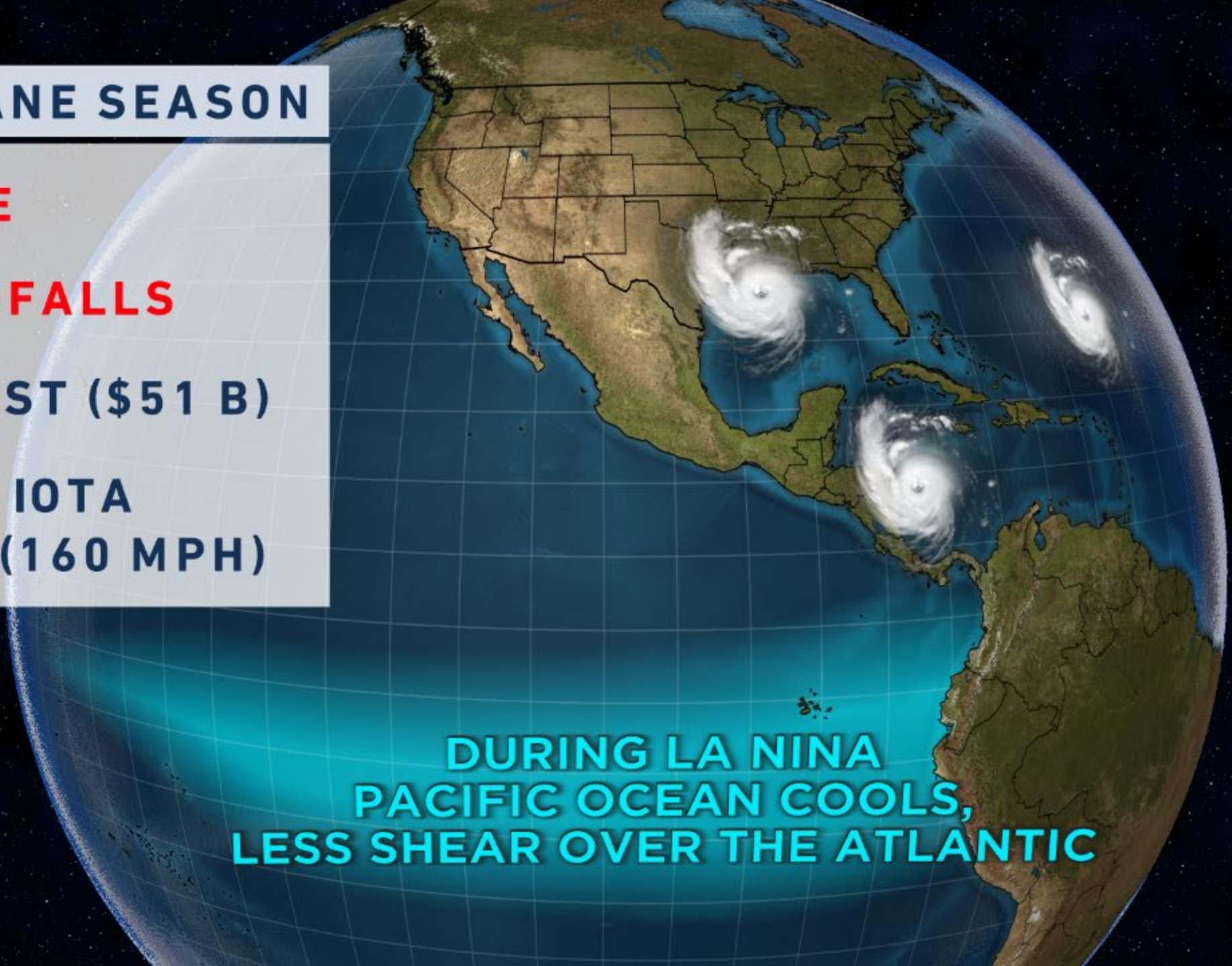
- TIED HIGHEST WIND AT
LANDFALL EVER RECORDED
IN THE ATLANTIC (185 MPH)

- WORST NATURAL DISASTER
EVER IN THE BAHAMAS

2020 HURRICANE SEASON

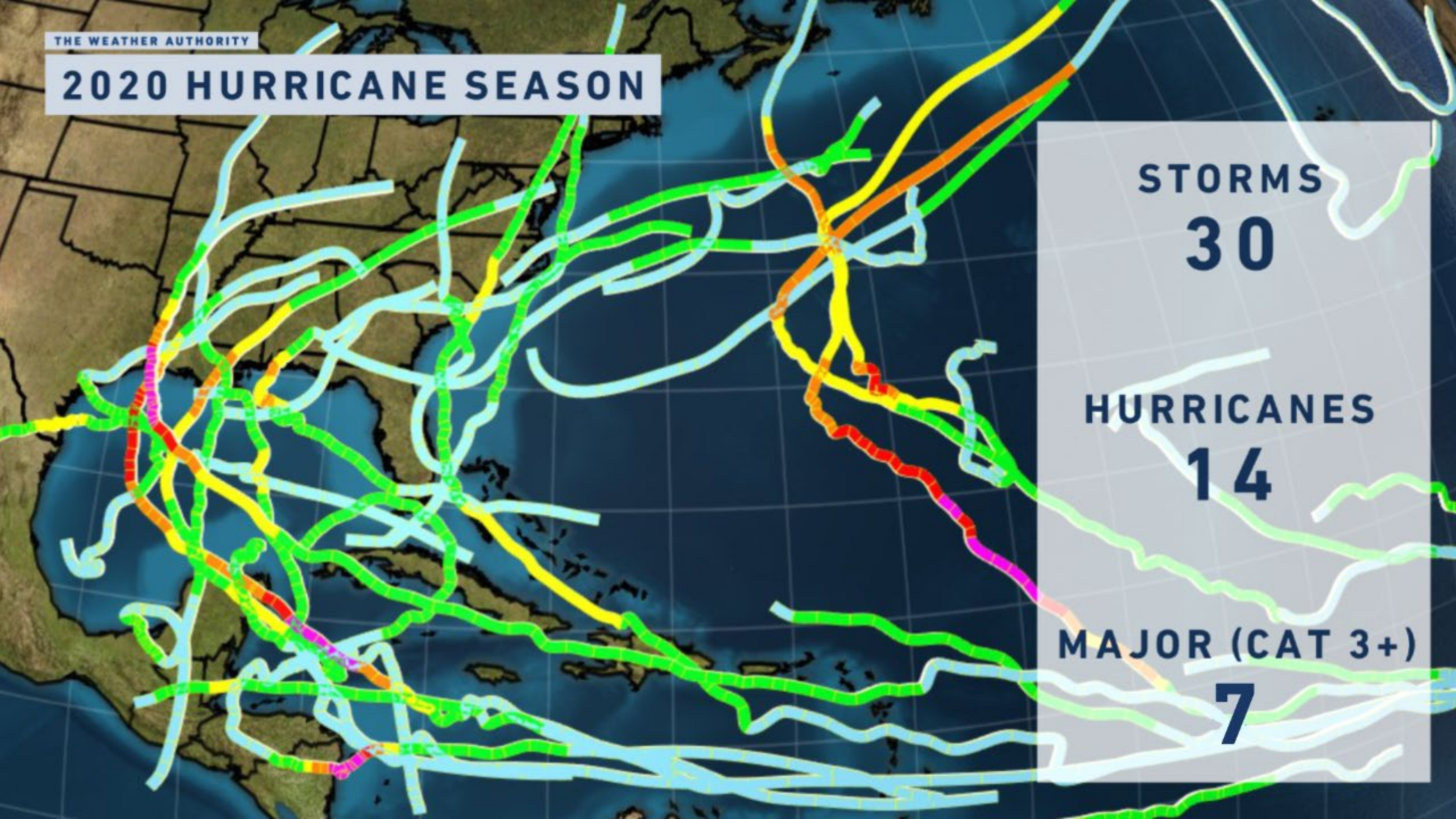
- **MOST ACTIVE**
- **11 U.S. LANDFALLS**
- **5TH COSTLIEST (\$51 B)**
- **STRONGEST: IOTA
CATEGORY 5 (160 MPH)**

**DURING LA NINA
PACIFIC OCEAN COOLS,
LESS SHEAR OVER THE ATLANTIC**



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2020 HURRICANE SEASON



STORMS
30

HURRICANES
14

MAJOR (CAT 3+)
7

2020 Greek Alphabet Tropical Cyclone Names

Alpha
Beta
Gamma
Delta
Epsilon
Zeta
Eta
Theta

Iota
Kappa
Lambda
Mu
Nu
Xi
Omicron
Pi

Rho
Sigma
Tau
Upsilon
Phi
Chi
Psi
Omega

RETIRED

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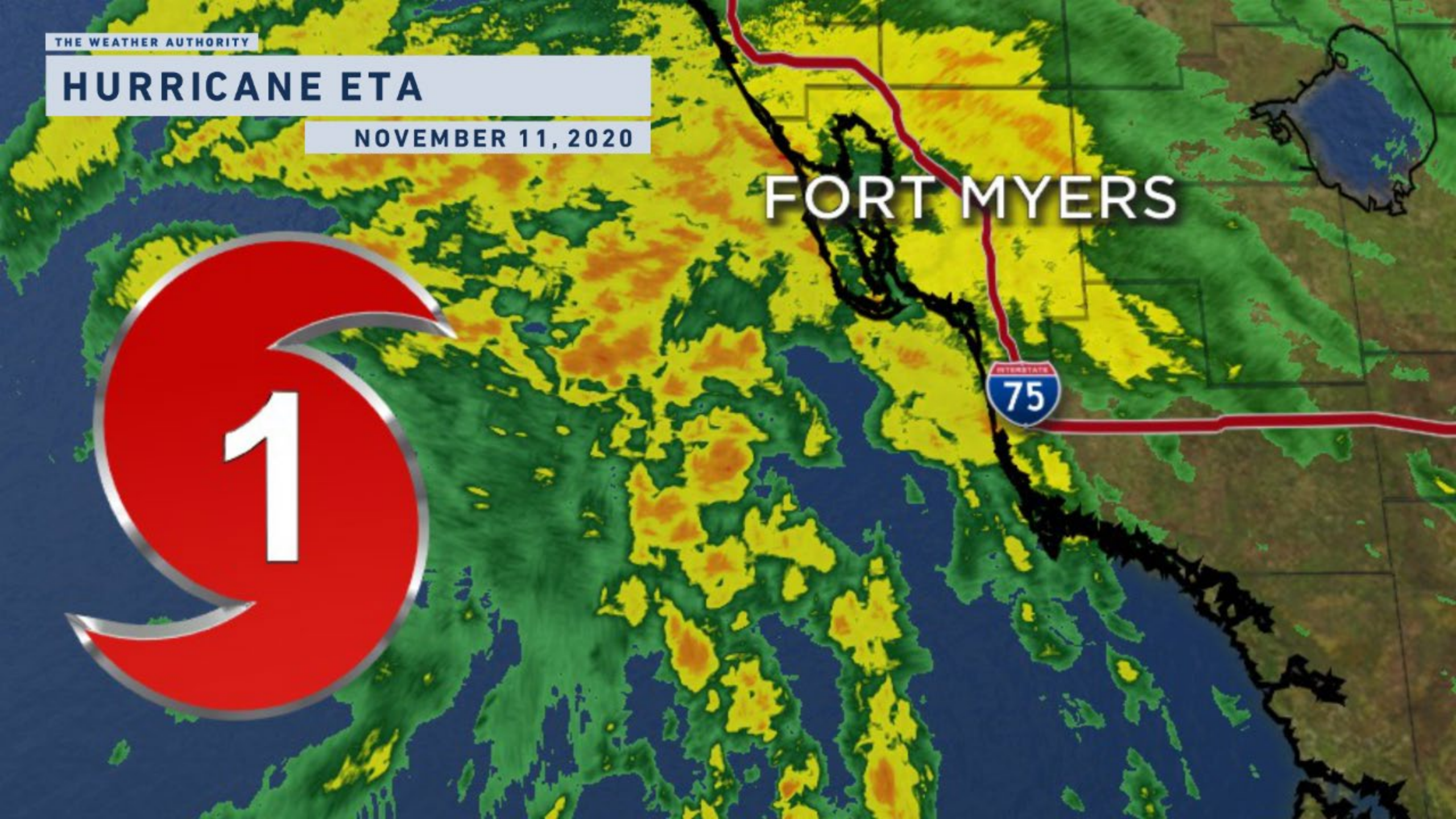
HURRICANE ETA

NOVEMBER 11, 2020

FORT MYERS

INTERSTATE
75

1



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HURRICANE ETA

NOVEMBER 11, 2020



MATLACHA



FORT MYERS BEACH

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HURRICANE ETA

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FORT MYERS



ENGLEWOOD

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HURRICANE ETA

NOVEMBER 11, 2020



SANIBEL CAUSEWAY

EARLY SEASON ACTIVITY

ANA	2015
ALEX, BONNIE	2016
ARLENE	2017
ALBERTO	2018
ANDREA	2019
ARTHUR, BERTHA	2020

- 6 YEARS IN A ROW AND COUNTING.**
- HURRICANE SEASON MOVING TO MAY 15TH BEING CONSIDERED. STILL "OFFICIALLY" JUNE 1ST.**

2021 COLORADO STATE

	AVERAGE	FORECAST
TROPICAL STORMS	14.4	17
HURRICANES	7.2	8
MAJOR HURRICANES	3.2	4

2021 STORM NAMES

ANA

BILL

CLAUDETTE

DANNY

ELSA

FRED

GRACE

HENRI

IDA

JULIAN

KATE

LARRY

MINDY

NICHOLAS

ODETTE

PETER

ROSE

SAM

TERESA

VICTOR

WANDA

SUPPLEMENTAL NAMES

ADRIA

BRAYLEN

CARIDAD

DESHAWN

EMERY

FOSTER

GEMMA

HEATH

ISLA

JACOBUS

KENZIE

LUCIO

MAKAYLA

NOLAN

ORLANDA

PAX

RONIN

SOPHIE

TAYSHAUN

VIVIANA

WILL

2010 HURRICANE SEASON

STORMS

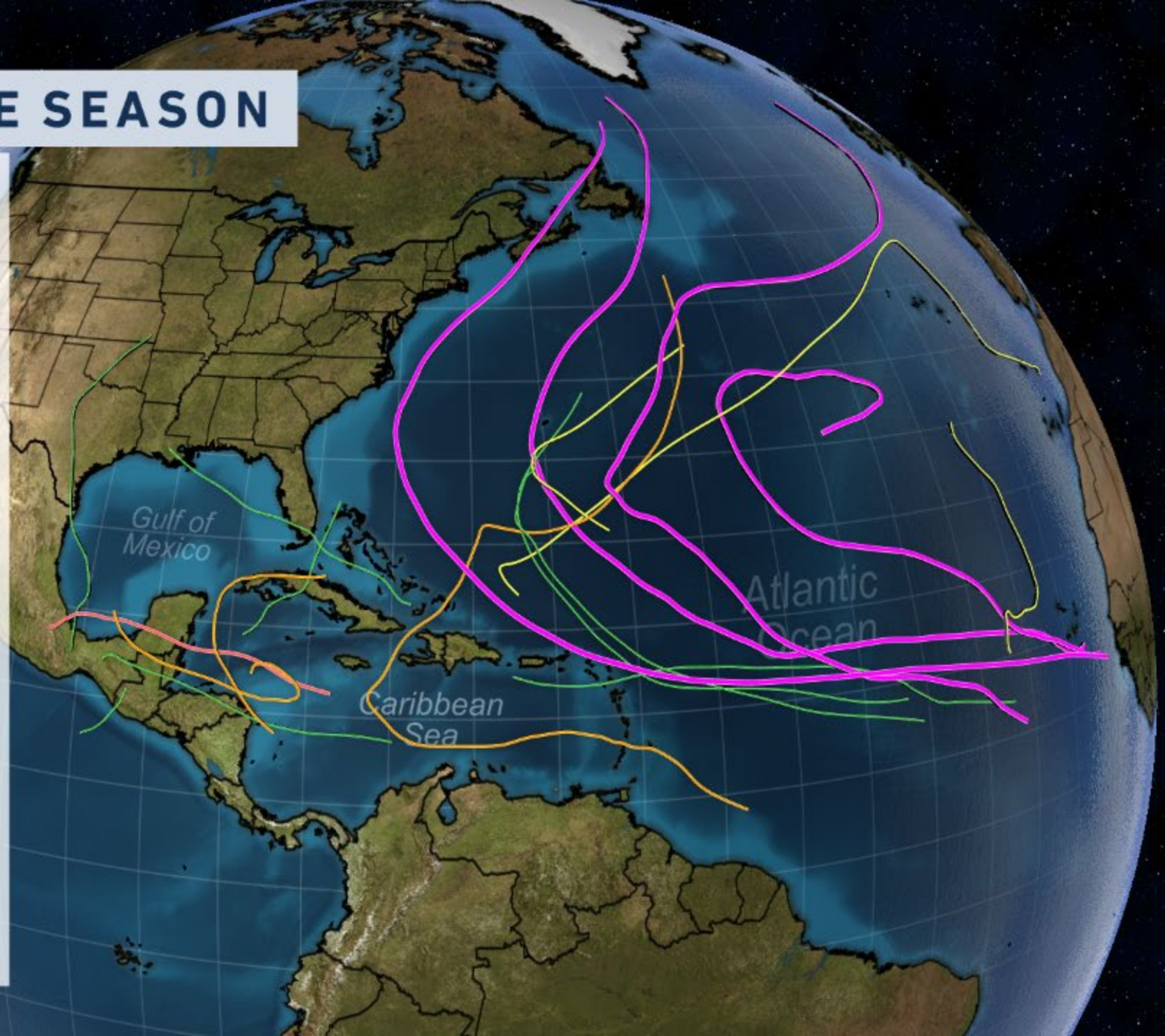
19

HURRICANES

12

MAJOR (CAT 3+)

5



1992 HURRICANE SEASON

STORMS

7

HURRICANES

4

MAJOR (CAT 3+)

1

ANDREW

A satellite-style map of the Atlantic Ocean and surrounding landmasses (North America, Central America, and the Caribbean). The map displays the tracks of several hurricanes from the 1992 season, represented by colored lines: a prominent purple line for Hurricane Andrew, a yellow line for another major storm, and several green and blue lines for other storms. A satellite image of Hurricane Andrew is overlaid on the map, showing its eye and spiral structure as it moves across the Caribbean Sea towards the Florida coast.

Hurricane Warning

Hurricane conditions
(sustained winds of 74 mph or higher)
are **expected** within the **next 36 hours**

Hurricane Watch

Hurricane conditions
(sustained winds of 74 mph or higher)
are **possible** within the **next 48 hours**



Hurricane Preparedness

DETERMINE YOUR RISK



Hurricanes bring many hazards to U.S. coastlines and inland areas, including storm surge along the coast, inland flooding due to heavy rainfall, tornadoes, strong wind, rip currents and large waves.



Storm surge



Strong winds



Tornadoes



Inland flooding



Rip currents

weather.gov/hurricane



Hurricane Preparedness

DEVELOP AN EVACUATION PLAN



Find out today if you live in a hurricane evacuation zone and identify trusted sources for receiving evacuation orders. Plan for multiple options on where to go and how to get there. Have a go bag for supplies and a plan for your pets. Be prepared to leave immediately if ordered to evacuate.



Find out if you live in an evacuation zone



Plan several routes



Have a go bag for supplies



Plan for your pets



Follow evacuation orders if given

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Hurricane Preparedness

GET AN INSURANCE CHECKUP



Check in with your insurance agency before hurricane season. Remember that flood insurance must be obtained separately. Prepare your home and vehicles according to your policy. Know where your insurance documents are located and take them with you if evacuating. Visit [floodsmart.gov](https://www.floodsmart.gov) for more.



Check with
your agent



Keep documents
with you



Know your
policy



Consider flood
insurance

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



Hurricane Preparedness

STRENGTHEN YOUR HOME



There's a lot you can do around your home to help protect it from hurricane winds. Before hurricane season, trim trees on your property and get approved window coverings. Ahead of storms, collect loose outdoor items, secure all doors on your property, and find a safe location for your vehicle.



Cover windows



Secure loose outdoor items



Trim trees



Move vehicle to a safe location



Secure all doors

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POOL PROTECTION TIPS

- 1) POWER DOWN EQUIPMENT AT CIRCUIT BREAKER
- 2) KEEP POOL FILLED
- 3) DON'T COVER YOUR POOL
- 4) ADD CHLORINE TO POOL AS CHEMICAL DEFENSE
- 5) PLACE OUTDOOR FURNITURE IN POOL
- 6) REMOVE CAGE DOORS TO REDUCE STRAIN



Hurricane Preparedness

ASSEMBLE DISASTER SUPPLIES



Make a list of supplies and assemble them before hurricane season begins. Have enough food and water for each person for at least three days. Fill your prescriptions and have medicine on hand. Radios, batteries and phone chargers are also must-haves. Gas up your vehicle and have cash on hand.



Food & water



Medicine & prescriptions



Keep gas tank full



Radio, batteries, phone chargers



Cash on hand

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HURRICANE HACKS

- 1) STORE WATER IN YOUR TUB
- 2) ZIPLOCK BAGS FULL OF WATER IN FREEZER
- 3) FILL WASHER MACHINE WITH ICE
- 4) PUT POSSESSIONS IN THE DISHWASHER
- 5) SHOWER, LAUNDRY, LOWER A/C BEFORE STORM
- 6) LIGHT TO GALLON OF WATER = LANTERN
- 7) PIECES OF SOD IN GARAGE FOR DOG
- 8) PENNY / CUP TRICK IN FREEZER TO TEST POWER
- 9) OUT OF AA BATTERIES? USE AAA & TIN FOIL
- 10) POUR 2 GALLONS IN TOILET BOWL TO FLUSH

HURRICANE HACKS



PHONE POWER TIPS

- 1) KEEP IN LOW POWER MODE
- 2) DIM THE SCREEN
- 3) TURN OFF BLUETOOTH
- 4) CLOSE UNNECESSARY APPS AND AVOID GAMES
- 5) USE YOUR CAR TO CHARGE THE PHONE
- 6) HOOK UP TO LAPTOP FOR EXTRA CHARGE
- 7) USE TV USB PORT IF SOCKETS ARE UNAVAILABLE
- 8) BUY EXTERNAL SOLAR OR CRANK CHARGER

DURING HURRICANE

- 1) WATCH WINK FOR UPDATES ON-AIR & ONLINE
- 2) ENTERTAIN YOURSELF! MOVIE, MUSIC, FOOD, GAMES
- 3) TREAT HURRICANE LIKE A TORNADO WARNING
- 4) LOWEST LEVEL, AWAY FROM WINDOWS, INTERIOR
- 5) DON'T LEAVE CANDLES UNATTENDED
- 6) HAVE A HELMET? KEEP IT HANDY. STAY INSIDE!



AFTER HURRICANE

- 1) WATCH WINK FOR UPDATES ON-AIR & ONLINE
- 2) IF EVACUATING, RETURN HOME WHEN TOLD
- 3) OPERATE GENERATOR AWAY FROM HOME
- 4) CHECK REFRIGERATOR FOR SPOILAGE
- 5) DON'T DRINK OR MAKE FOOD WITH TAP WATER
- 6) STAY OUT OF BUILDING IF YOU SMELL GAS
- 7) SAVE PHONE CALLS FOR EMERGENCIES
- 8) AVOID VENTURING OUT IN FLOOD WATERS
- 9) TAKE PICTURES / DOCUMENT ANY DAMAGE
- 10) STAY COOL IF POWER IS OUT!

HURRICANE PREPAREDNESS

QUESTIONS?



CHIEF METEOROLOGIST

MATT DEVITT



HURRICANE PREPAREDNESS

FOLLOW ON SOCIAL!



CHIEF METEOROLOGIST

MATT DEVITT



HURRICANE PREPAREDNESS

TUNE IN TO WINK!

WEEKNIGHTS AT 5, 6, AND 11 PM



CHIEF METEOROLOGIST

MATT DEVITT

