



Hurricane Matthew

WILL IT OR WONT IT – A STORY OF PREP



90

85

30

25

The First Warnings

- ▶ Florida has not had a Hurricane make landfall since 2009.
- ▶ Tuesday October 4th The Duval EOC put out its first notification.
- ▶ Wednesday October 5th the Duval EOC was activated.
- ▶ Zoo closed for Business Tuesday for storm prep
- ▶ Friday the Storm tracks through the area
- ▶ Saturday Zoo is closed – no power



Hurricane Matthew Projected Path

Stayed close to Florida all the way up the coastline

Zoo Miami

Brevard Zoo

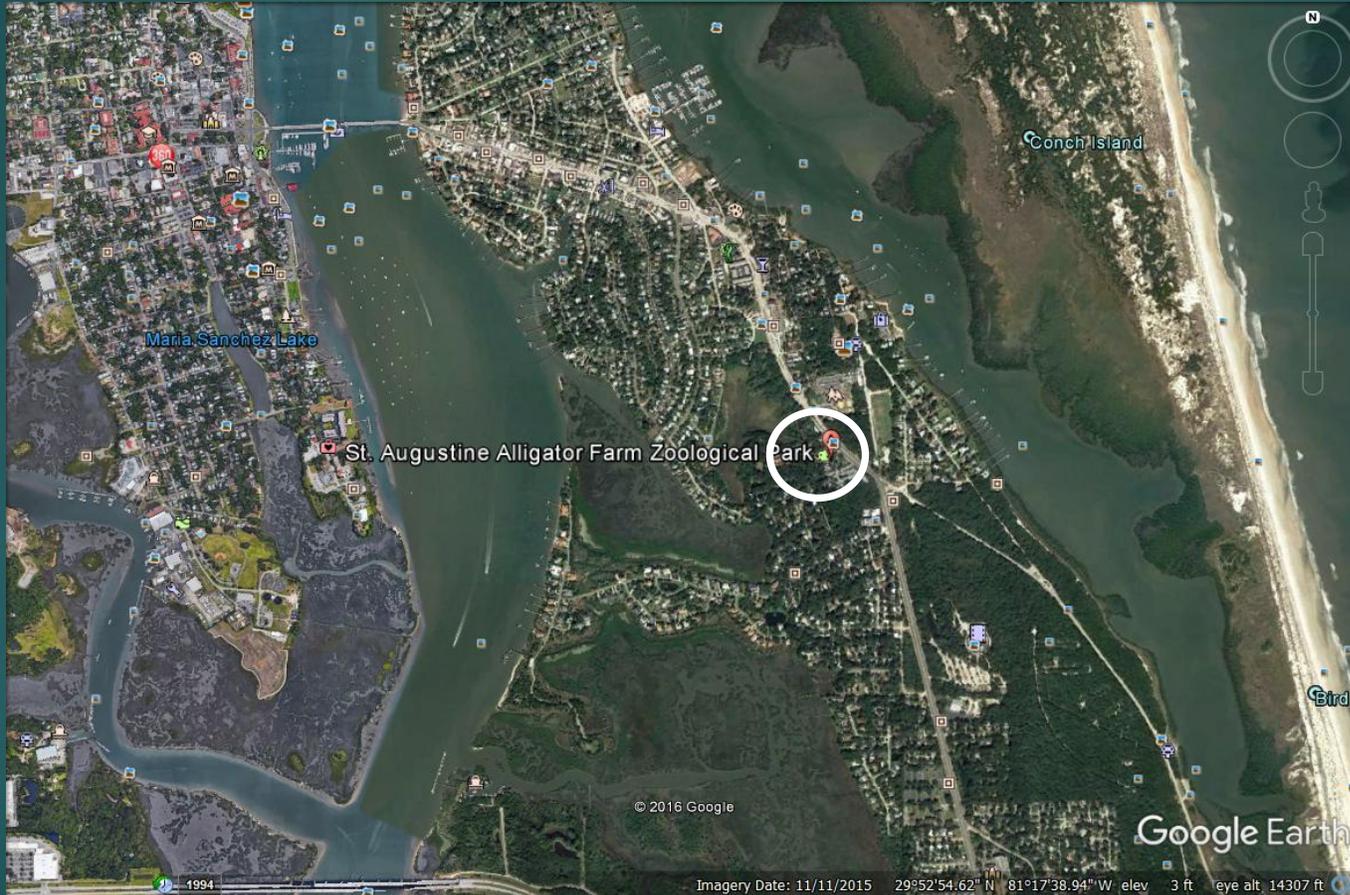
Walt Disney World

St Augustine Alligator Farm

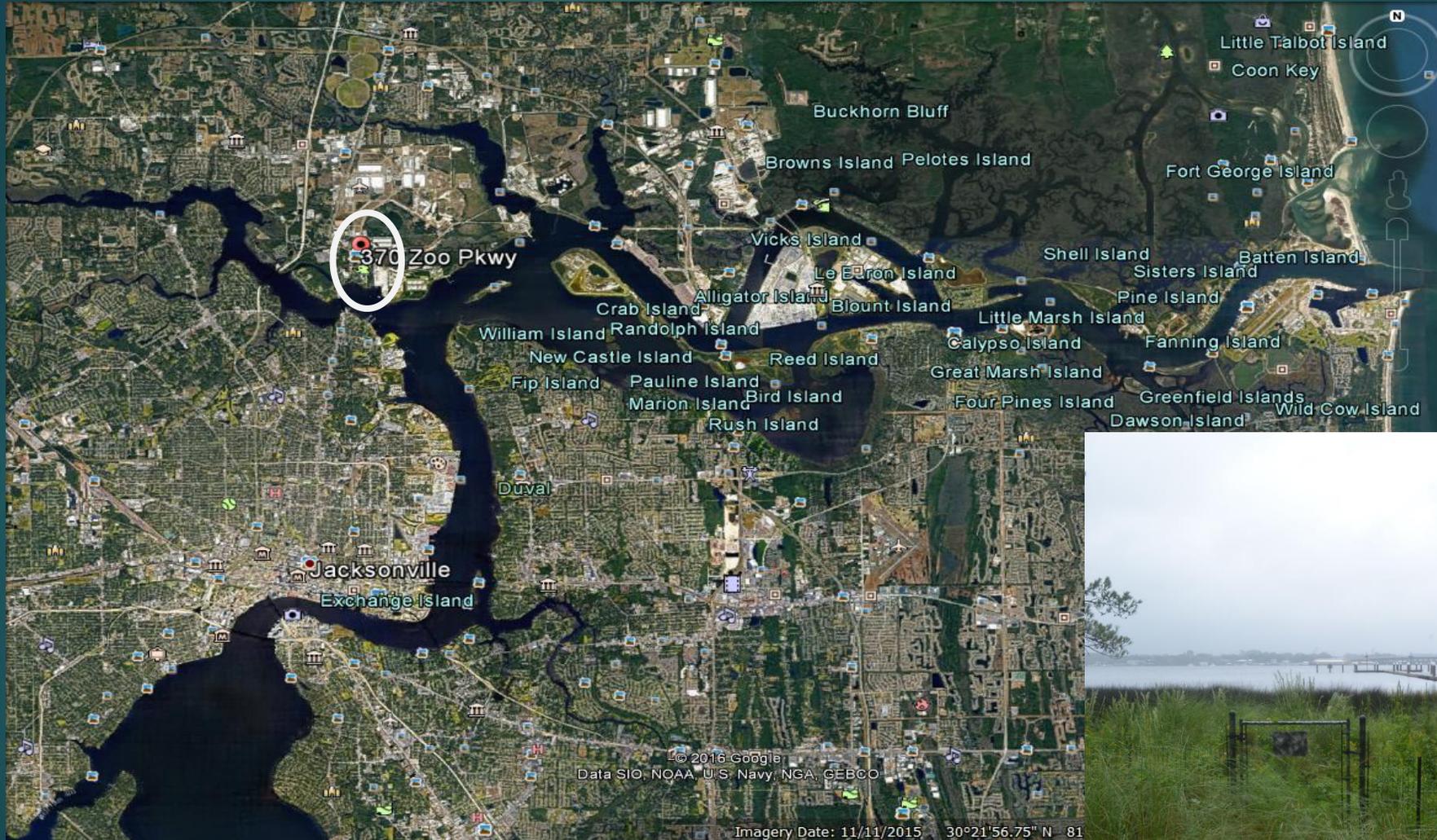
Jacksonville Zoo



St. Augustine Alligator Farm Zoological Park

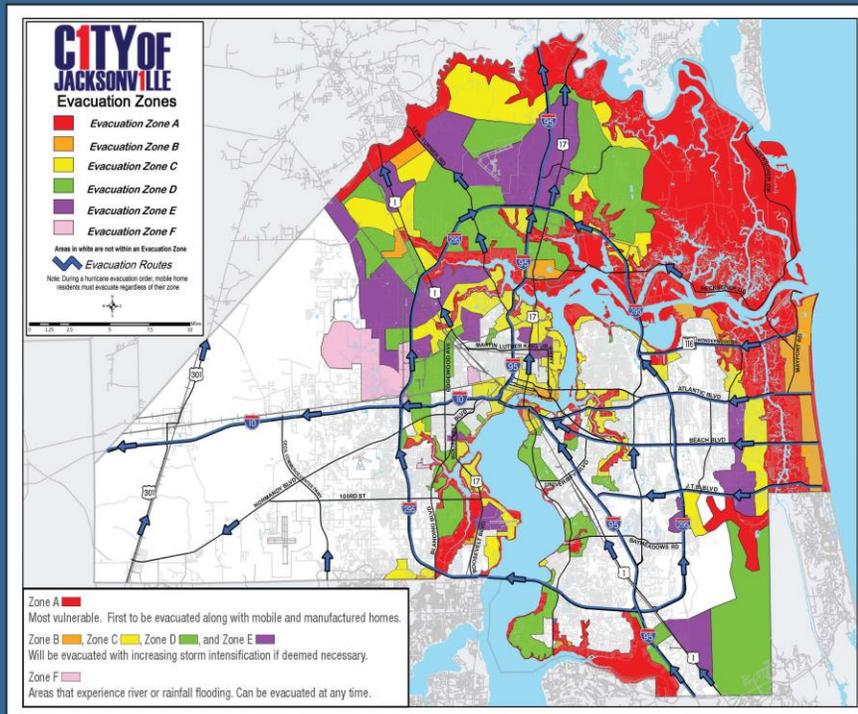


Jacksonville Zoo and Gardens



Issue One: Staff had to evacuate

New Evacuation Zones



EVACUATION ZONES

Evacuation Zones

- ▶ Just initiated
- ▶ Zoo sits in Zone A
- ▶ Zones A, B, and C were ordered evacuated
- ▶ Beaches and Intercoastal Islands were closed

The Prep Starts



St Augustine Alligator Fam



Courtesy of Gen Anderson
General Curator

The Prep Starts



Animal Nutrition Center



The Storm Get Close

- ▶ Ride Out Team
- ▶ 20 members



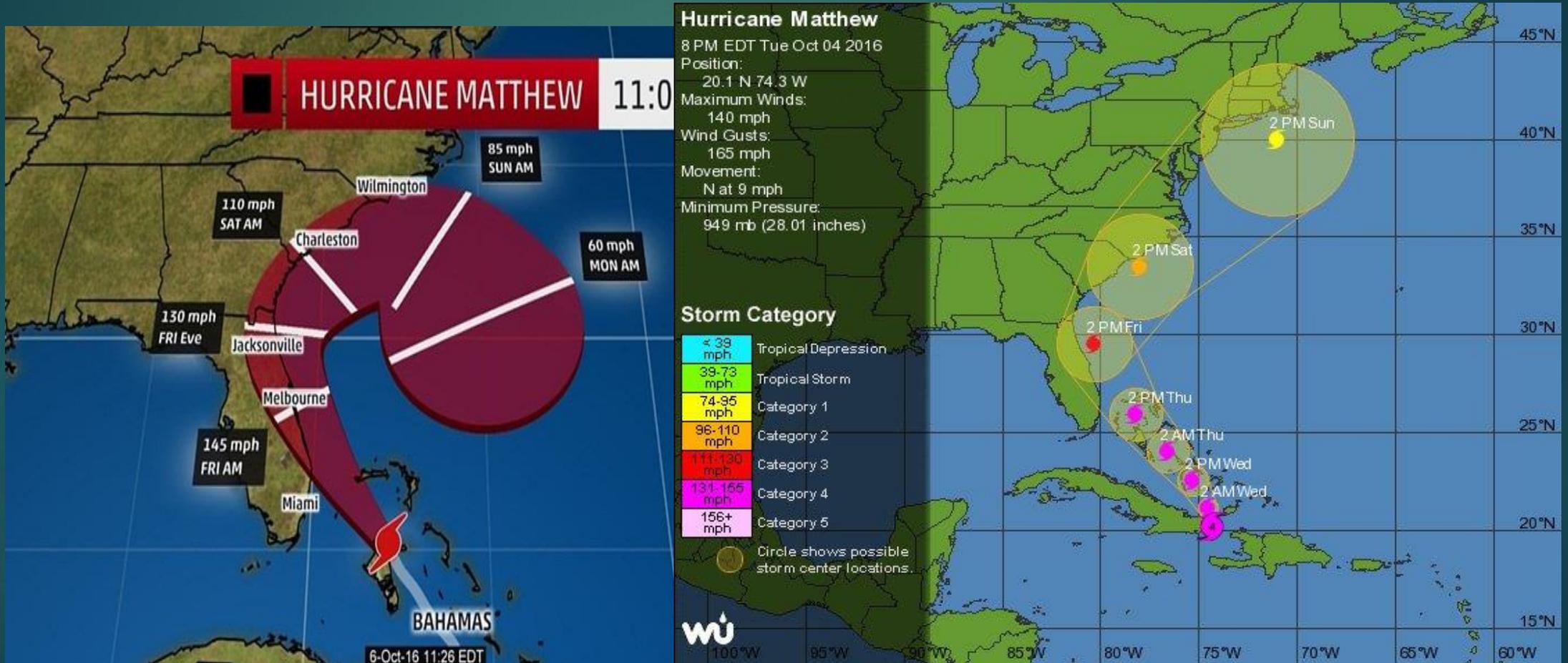
The Storm Hits



Tree's and Fences



Goodbye from Florida On to the Carolina's



The Storm of the Century... again

Kelly Murphy

BROOKGREEN *Gardens*

Some Background

- Total = 9,100 acres
- Actually used = 300 acres
- Zoo = 50 acres

- 2015 was the “Storm of the Century” with flood waters receding without issue.

Hurricane Matthew

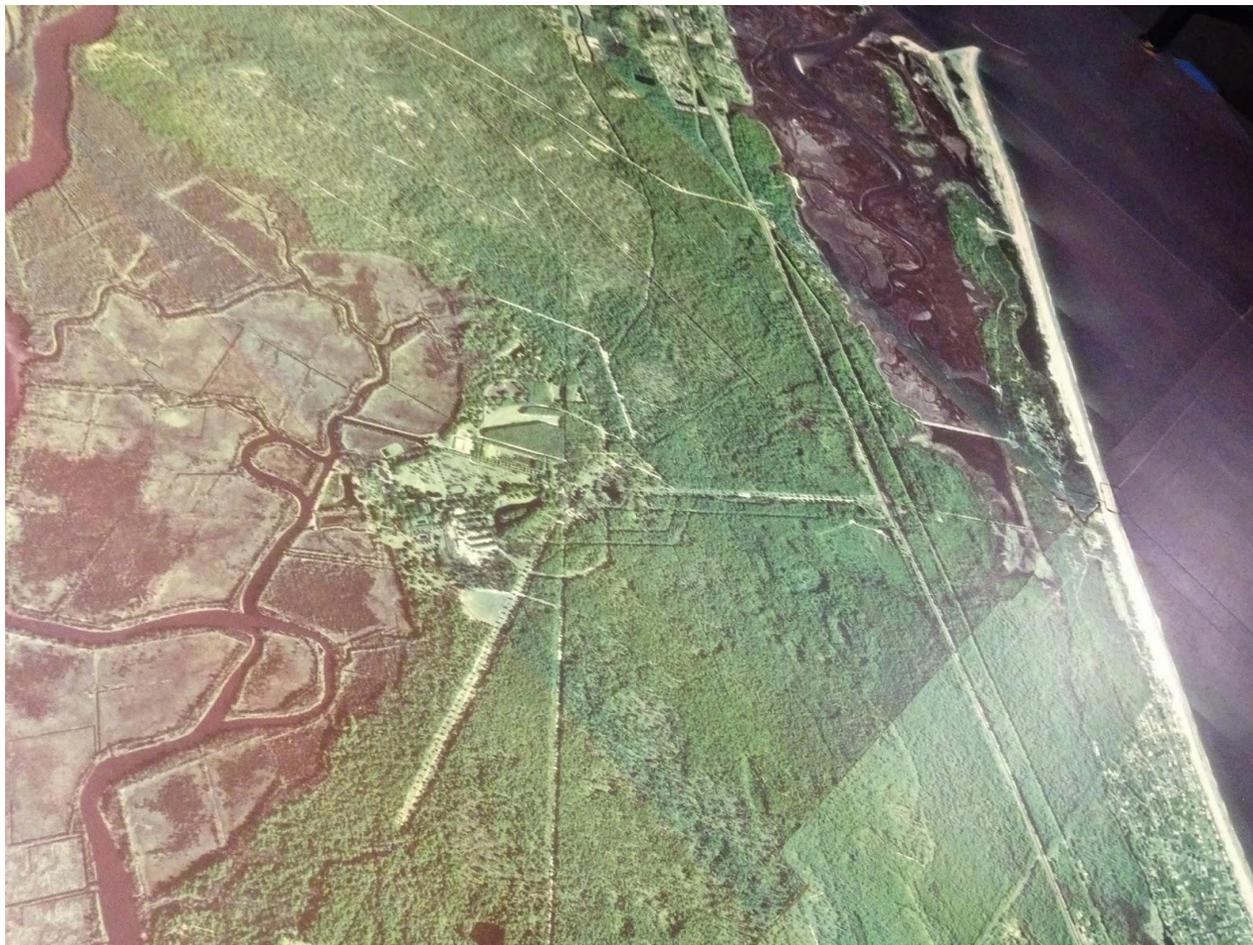
- Governor of SC, Nikki Haley declared a state of emergency Oct. 5
- Oct. 6 Interstate 26 was reversed, as well as turnpikes, expressways and toll services suspended
- Made landfall on Oct. 8 Southeast of McClellanville, South Carolina, as a Category 1 hurricane with 75 mph winds.

Hurricane Matthew

- October 7, 2016 – staff fed double diets and left at noon
- October 8, 2016 – no staff on park
- October 9, 2016 – only keepers and clean up staff
- October 10, 2016 – volunteers, keepers only
- All staff helping to clean up zoo and gardens

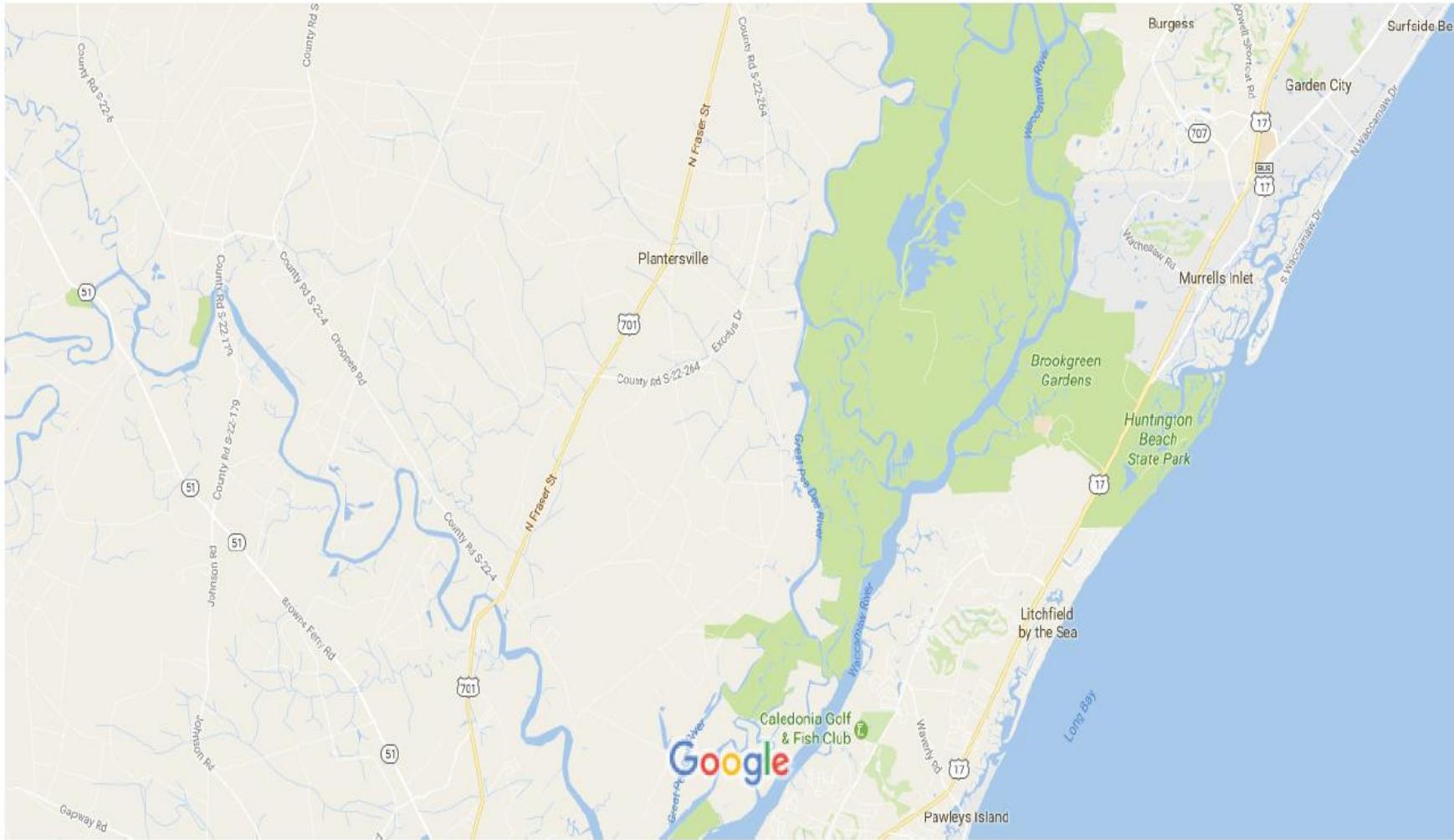
Hurricane Matthew Aftermath

- Flooding started on October 17, 2016
***after Hurricane Matthew**
- Zoo trails leading to three exhibits closed off until October 25, 2016
- Exhibits closed; Cypress Aviary, Alligator and Otter



North
Carolina



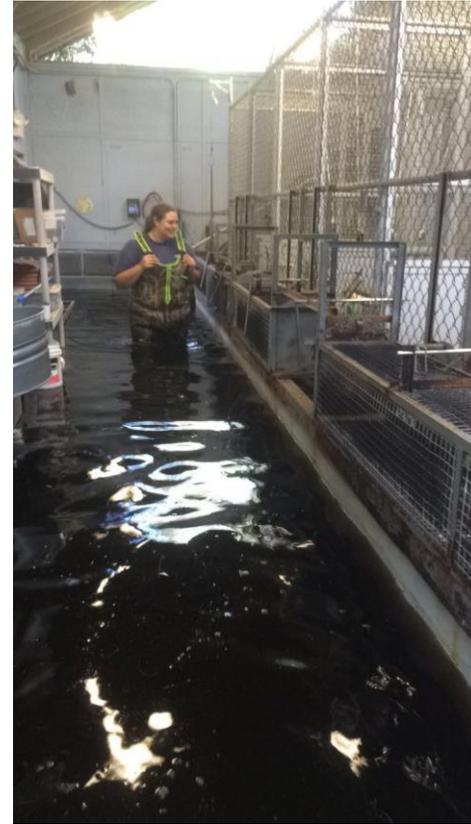


Map data ©2017 Google 2 mi

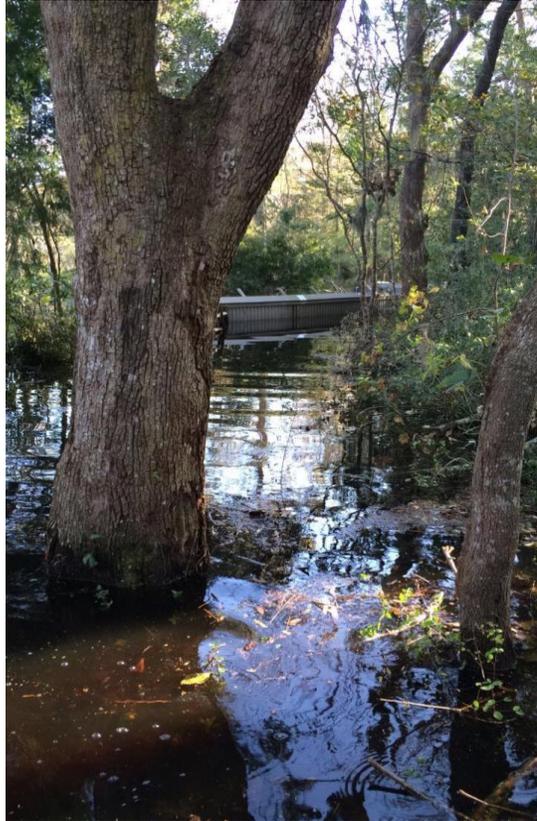
Access to otter – high tide



Inside otter holding



Front of Alligator exhibit



Male Alligator at close proximity



Boardwalk inside Cypress Aviary



Entrance of Cypress Aviary



Alligator Exhibit Viewing



Alligator Exhibit/Swamp



Things We Learned

- ▶ Evacuation Zones
- ▶ Everyone wants to help
- ▶ Drills Do Work
- ▶ Integrate with your local Emergency Management offices
- ▶ Disaster Pay Designation
- ▶ FEMA Rules and Regulation
- ▶ Dependence on outside Power
- ▶ Media Hype
- ▶ Put your emergency planning in your facility planning

Questions?

- ▶ For further questions on how we prepped for Hurricane Matthew, the challenges we had and the lessons we learned please feel free to email me.
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