



Hurricane Preparedness

Presented By:

Chatham Emergency Management Agency





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Director of Chatham Emergency Management Agency



HURRICANE SEASON FORECAST 2019

Colorado State University Forecast

NAMED STORMS

13

HURRICANES

5

MAJOR HURRICANES

2



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Hurricane Basics

- Hurricane Season:
 - June 1st to November 30th
- Hurricanes are:
 - Classified into 5 categories
 - Formed over warm ocean waters
 - Large systems can be hundreds of miles wide



The Cone of Uncertainty

10/10/2018 5 AM Update

Tropical Storm Warning

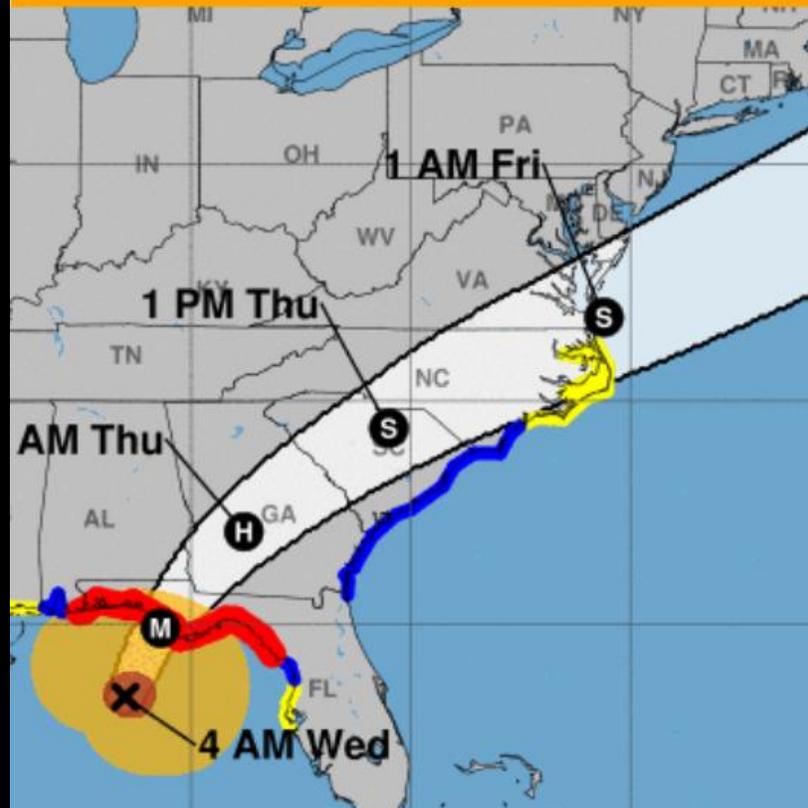
remains in effect for

Chatham County

RIP Currents

Deadly RIP currents will occur through Thursday.

Tybee Island Beaches are closed to swimmers until further notice.



Sustained Winds

20-40 mph

Gusts

40-50 mph

Rainfall

2-5"



A few tornadoes are possible from Wednesday Afternoon - Thursday.





Primary Threats from Hurricanes

- Wind Damage
- Storm Surge
- Tornadoes
- Flooding
- Lightning



Hurricane Categories



- **Category 1**
 - Winds: 74-95 mph
 - Expect some damage
- **Category 2**
 - Winds: 96-110 mph
 - Expect extensive damage
- **Category 3**
 - 111-129 mph
 - Expect devastating damage
- **Category 4 & 5**
 - Category 4 Winds: 130-156 mph
 - Category 5 Winds: >156 mph
 - Expect catastrophic damage



What is Storm Surge?

- An abnormal rise of sea level generated by storm driven winds and atmospheric pressure.
- Can vary in severity depending on rainfall, tides, and river input.
- Can be caused by either tropical storms or hurricanes.



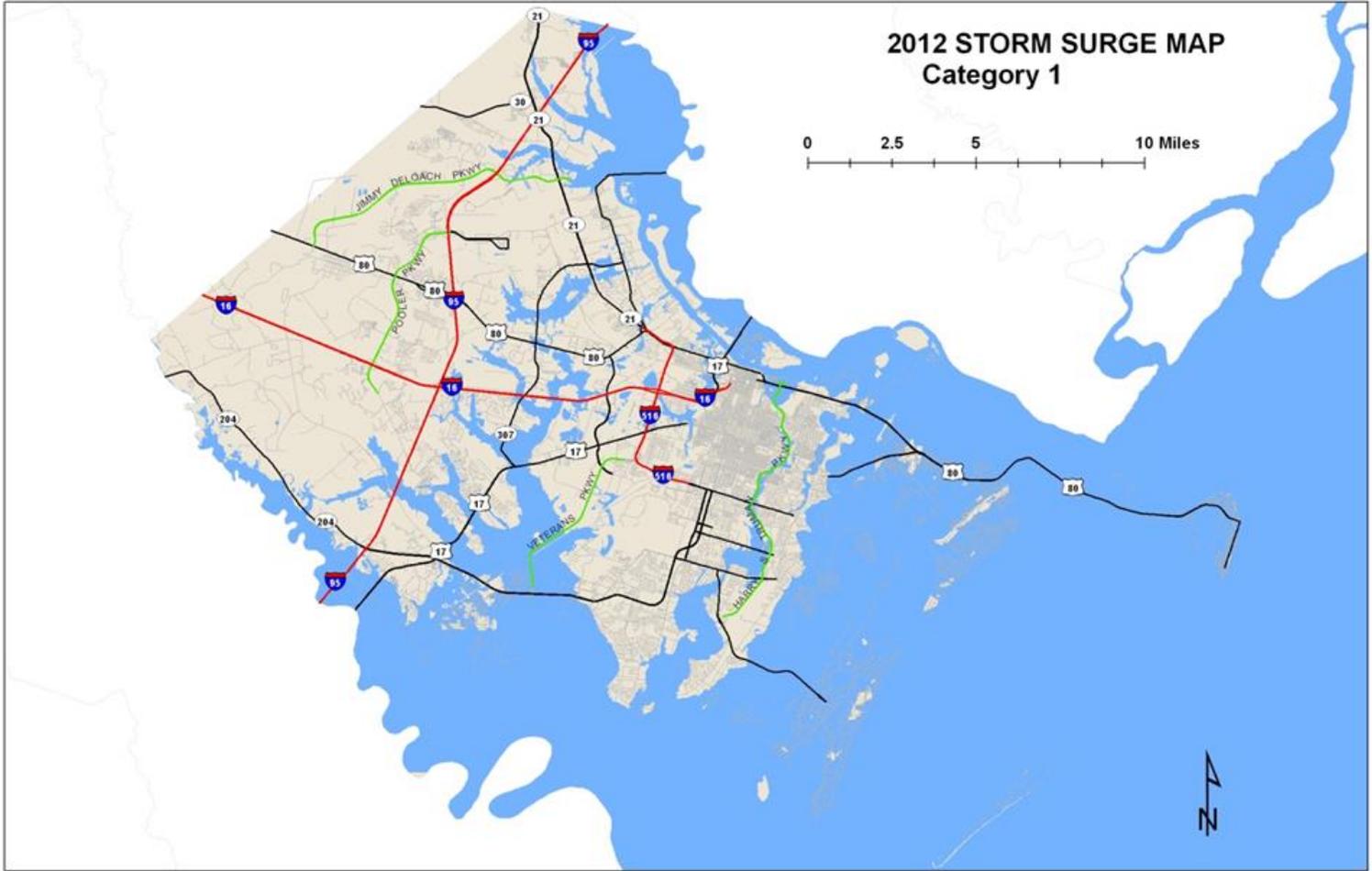
Storm Surge



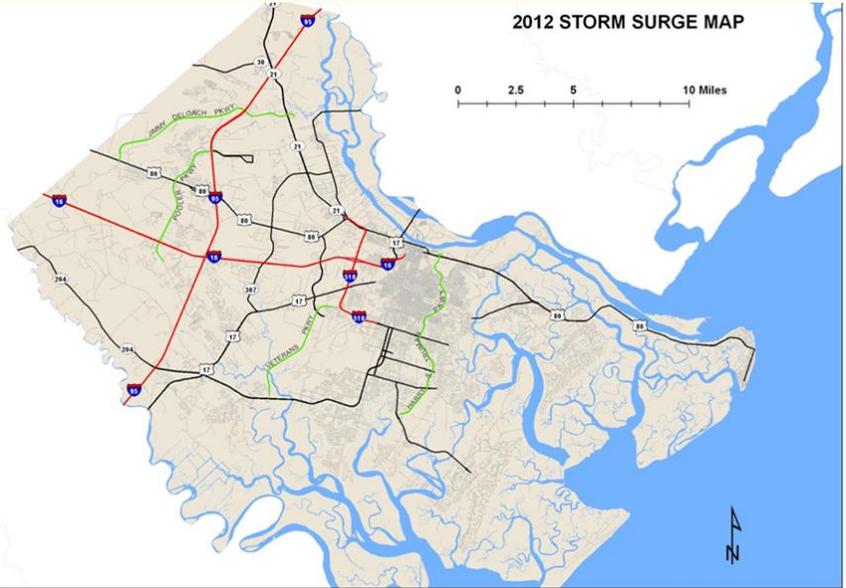
©The COMET Program



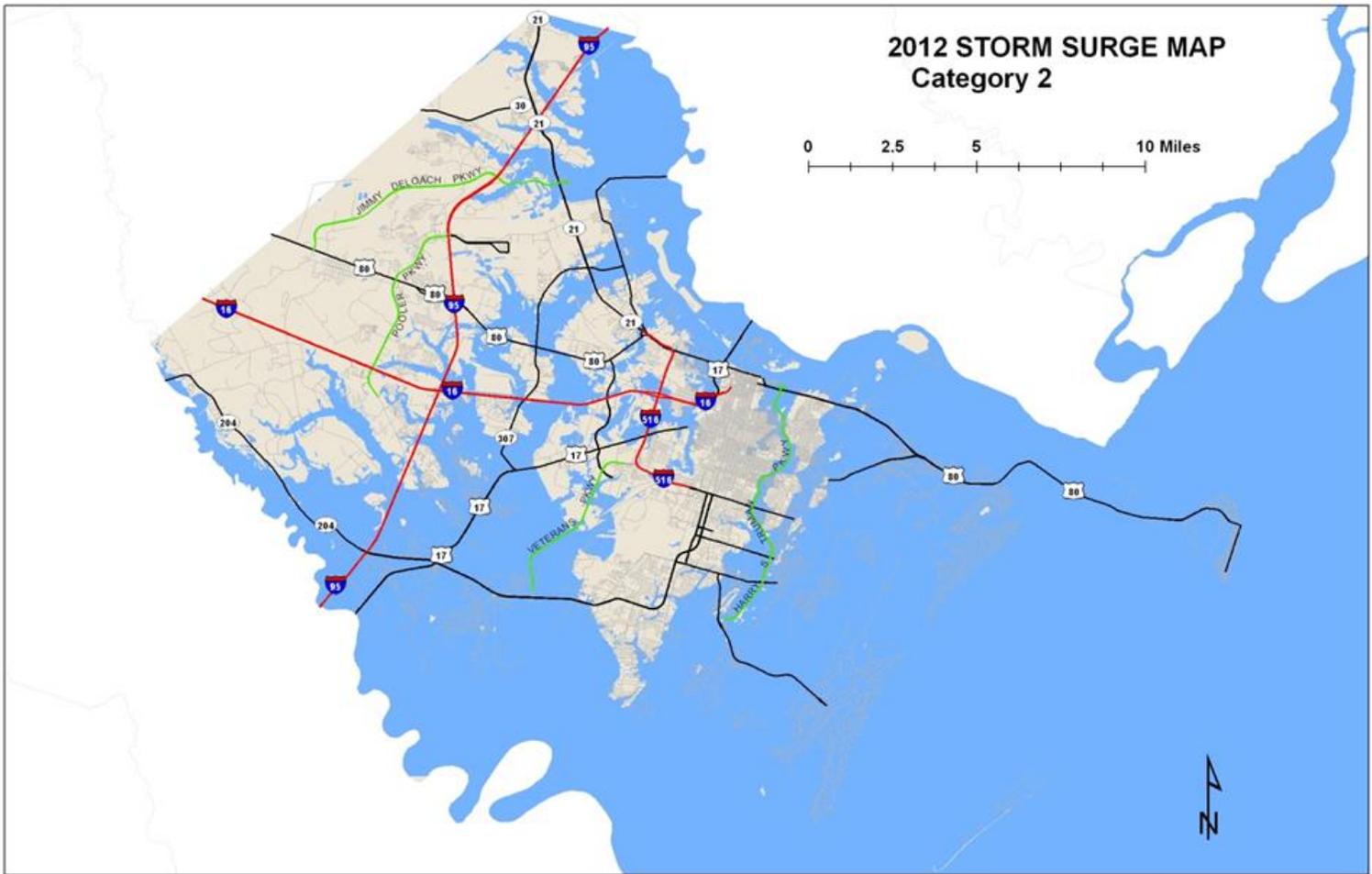
Storm Surge: Category 1 Hurricane



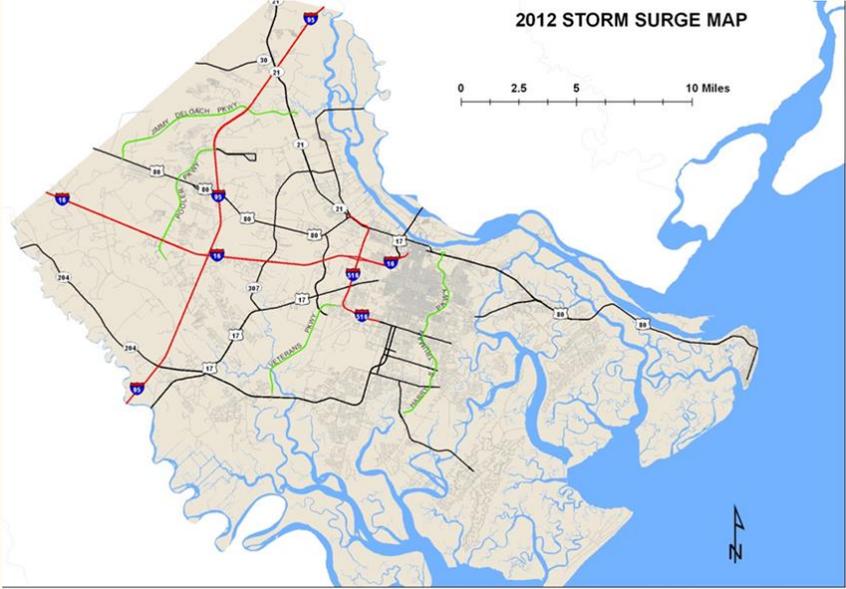
Chatham County: No Storm Surge



Storm Surge: Category 2 Hurricane

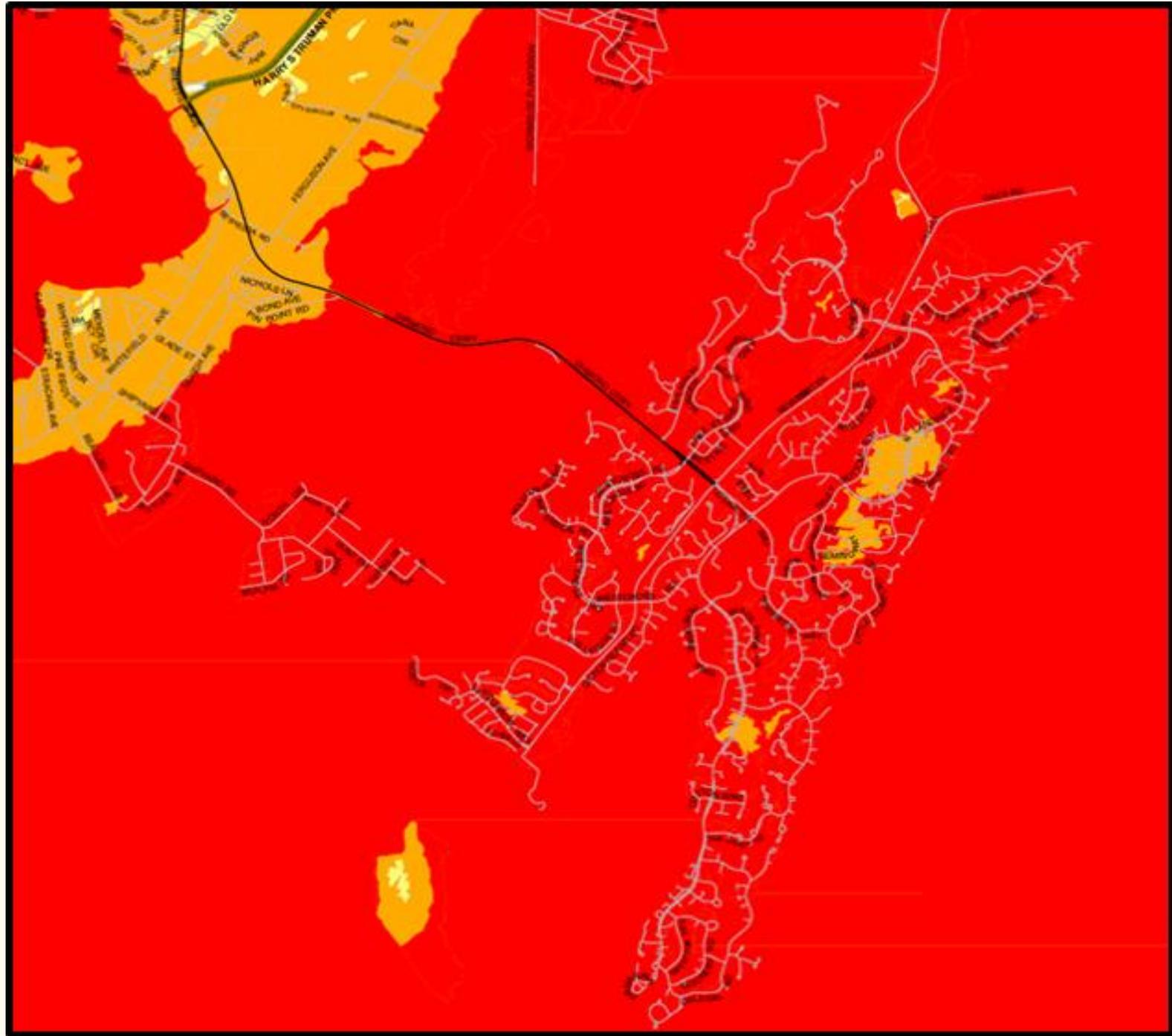


Chatham County: No Storm Surge

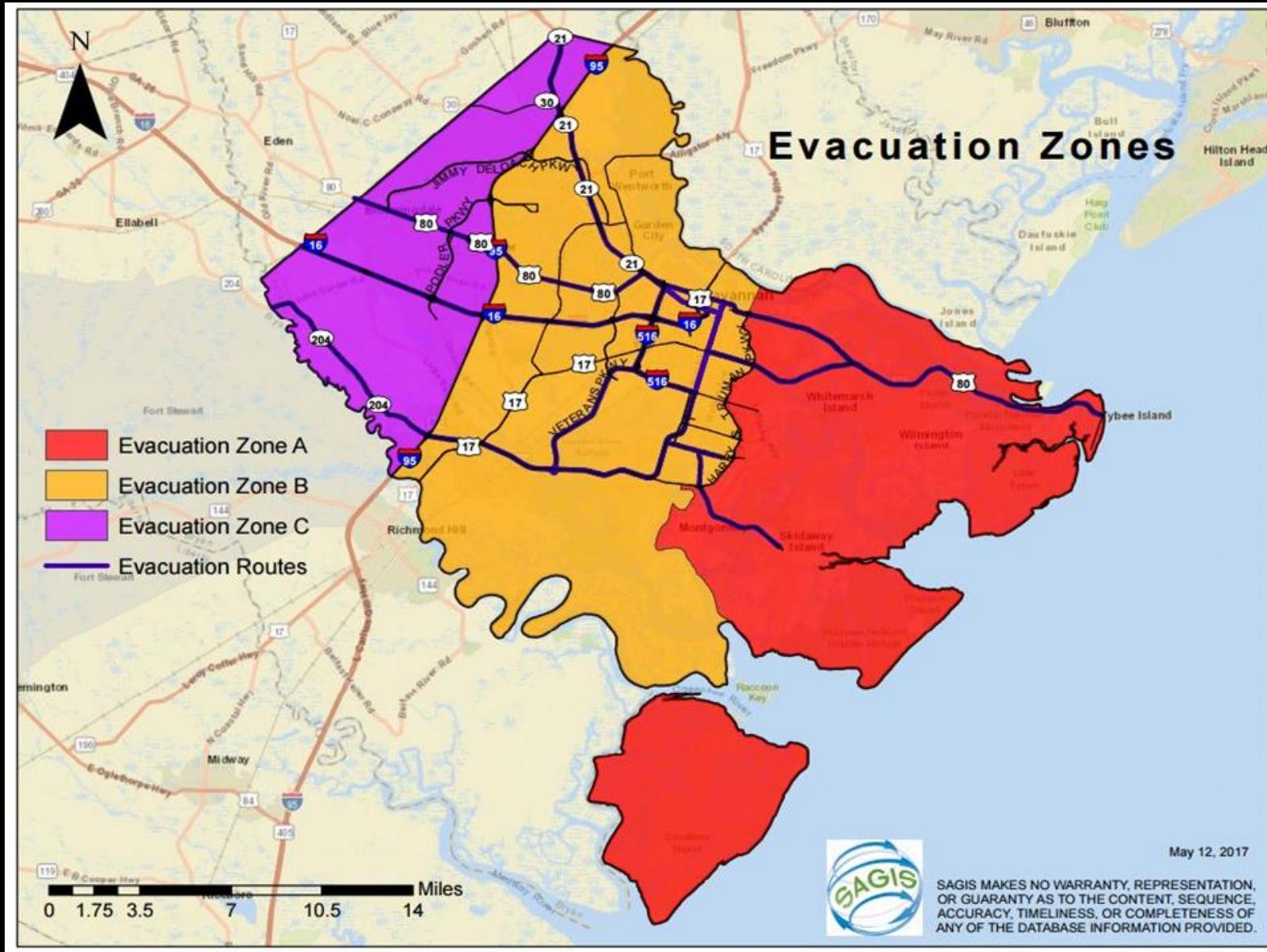


AREAS OF POSSIBLE FLOODING

-  Category 1 Hurricane; 4-11 ft
-  Category 2 Hurricane; 11-17 ft
-  Category 3 Hurricane; 17-23 ft
-  Category 4 Hurricane; 23-26 ft
-  Category 5 Hurricane; 26-31 ft
-  Above Category 5 Hurricane
-  Railroad
-  Interstates & Parkways
-  Major Road
-  Local Road



Chatham County Evacuation Zones



Evacuations

- Evacuation Order
 - A general statement used to encourage residents to evacuate
- Mandatory Evacuation Order
 - An Executive Directive requiring all residents, visitors, businesses and anyone else in the target area to evacuate
 - **Personal discretion is NOT an option**



Family Emergency Plan

- Evacuation Plan
 - When will you leave?
 - Where will you go?
 - How will you get there?
- Communication Plan
- Disaster Kit
- Emergency Pet Plan
- Recovery Plan



Hurricane Evacuation Transportation

- Getting to a public shelter
 - Take any Chatham Area Transit bus to the Civic Center
 - Register at the Evacuation Assembly Area (EAA)
 - Shuttle to an inland shelter on a bus
- What you can bring:
 - Two small/medium hand carry bags
 - Pets will be accepted at the EAA and transported via an animal bus to an inland animal shelter



**If you have a reliable vehicle,
please USE IT!**



HURRICANE REGISTRY

FOR THOSE WITH FUNCTIONAL, ACCESS, OR MEDICAL NEEDS



- Purpose
 - To provide residents who have functional, access and medical needs a means of safe evacuation.
- Who May Qualify
 - Residents with:
 - No other resources for evacuating
 - **Functional or Access Needs:** Individuals who need assistance to maintain independence in a shelter
 - **Medical Needs:** Individuals who require the support of trained medical professionals in a shelter setting
- For more information or to register call: **1-833-CHD-REGISTER**

Family Communication Plan



- Write a list of important phone numbers
 - Store in your disaster kit and vehicle
- Designate an out of area contact
 - Program that person as ICE in your cell phone
- Have a predesignated rally point

Disaster Supplies

- Build A Kit
 - 5-gallon bucket
- Plan for at least 3 days
 - Drinking water
 - One gallon/person/day
 - Non-perishable food
 - Important medication
 - Essential Devices
- Include copies of important documents
- Store in an easy to access location



Important Documents

- Identification
 - Driver's License
 - Passport/Visa
 - Birth and Marriage Certificates
- Insurance
 - Health Insurance
 - Homeowners or Renters Insurance
 - Vehicle Insurance
- Payments
 - Power and Utilities
 - Cable
 - Phone
 - Bank Statements
 - Leases
- Prescriptions



Emergency Pet Plan

- Pet Evacuation Plan
 - Where will your pet stay?
 - How will your pet get there?
 - Have a Pet Emergency Kit
 - **DO NOT LEAVE YOUR PET BEHIND**



Re-Entry Planning



As of June 1, 2018 GEMA controls all re-entry passes for the State of Georgia. Passes are required for phases 2&3.

Five Re-Entry Phases

1. Render Safe Task Force
2. Life Safety Workforce
3. Essential Public and Private Sector Personnel
4. Local Residents, Property Owners, and Business Owners
5. Open to the public with limited access

Phase 1



Render Safe Task Force

- Teams work to render the area safe for first responders to conduct life safety operations during Phase 2

Phase 2

Life Safety Workforce

- Emergency responders and those conducting life safety operations
- State of GA Disaster Re-Entry Permit Required



Phase 3



Essential Public and Private Sector Personnel

- Individuals in the private and public sector that can restore essential operations, services, and commerce. This may include: food distributors and members of the media.
- Requires: State of GA Disaster Re-Entry Permit, employee credentials, and valid state-issued photo ID

Phase 4



Local Residents, Property Owners, and Business Owners

- Access may be limited to specific areas and a curfew may be in place
- Requires: valid state issued photo ID including an address in the impacted area; or, valid state issued photo ID with proof of residency

Phase 5

Open to the Public with Limited Access

- Local officials will determine that the county or portions of the county is relatively safe for entrance by the general public.
- Restrictions and curfews may be utilized



Personal Recovery Plan



- Returning to Chatham County may be difficult after a storm.
 - Are you properly insured?
 - Do you have a Flood Policy?
 - Do you have a Named Storm clause?
 - Did you document/photograph your home before evacuating?
 - Can you withstand going days without utilities?
 - Where will you stay during repairs?
-

Recovery Starts Now!

- Secure Your Home
 - Assess and address threats within your yard
 - Ensure your garage door is braced before evacuating
 - Cover all external windows and doors
 - Tie down any free-standing yard fixtures and rafters/trusses





Stay informed before, during and after an event by following CEMA on Facebook, Twitter and Instagram @ChathamEMA. For emergency text and email alerts sign up for Swift911 by visiting www.chathamemergency.org



Questions

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