

Hurricanes, Tornadoes, and Ice... Sn'oh My!

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- Mike Grice – Talquin E. C. Dir. of Engineering & Operations

Storms:

- Hurricane Sally
- Hurricane Zeta
- Mother's Day Weekend 2024 Tornados
- Winter Storm Enzo

Multiple Parts of a Storm

- Preparation/Planning
- Response
- Clean Up
- Debriefing

Preparation:

- Restoration Plan
- Employee Communication
- Sign FDEM Agreement???
- Staging
 - Personnel
 - Base Camp

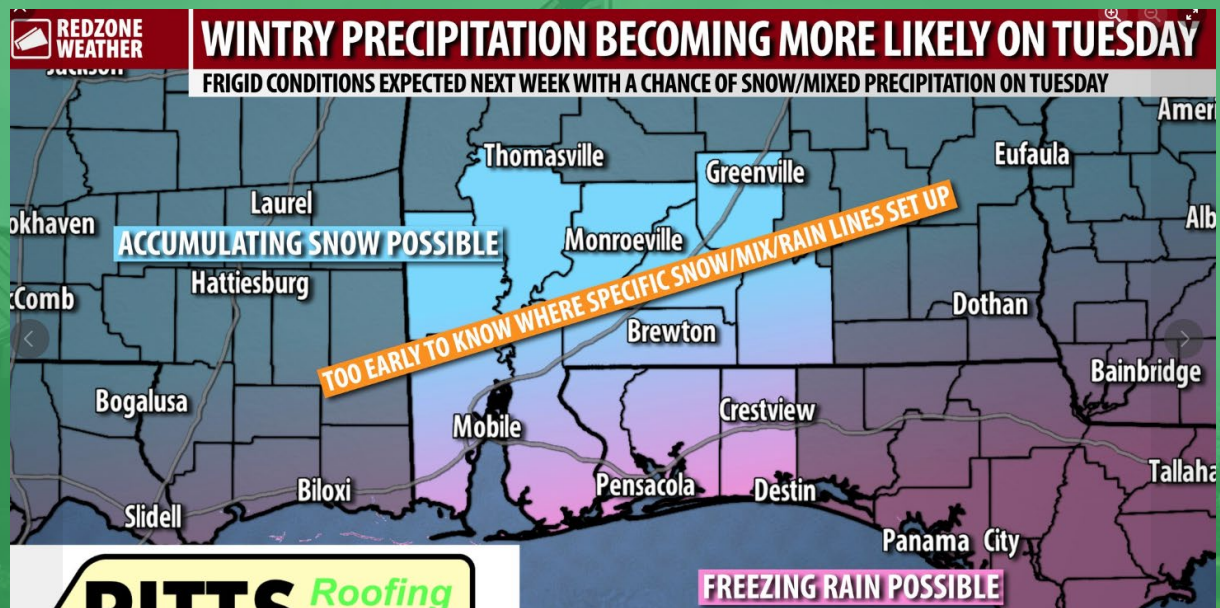
Preparation:

Monitoring Weather and Trends



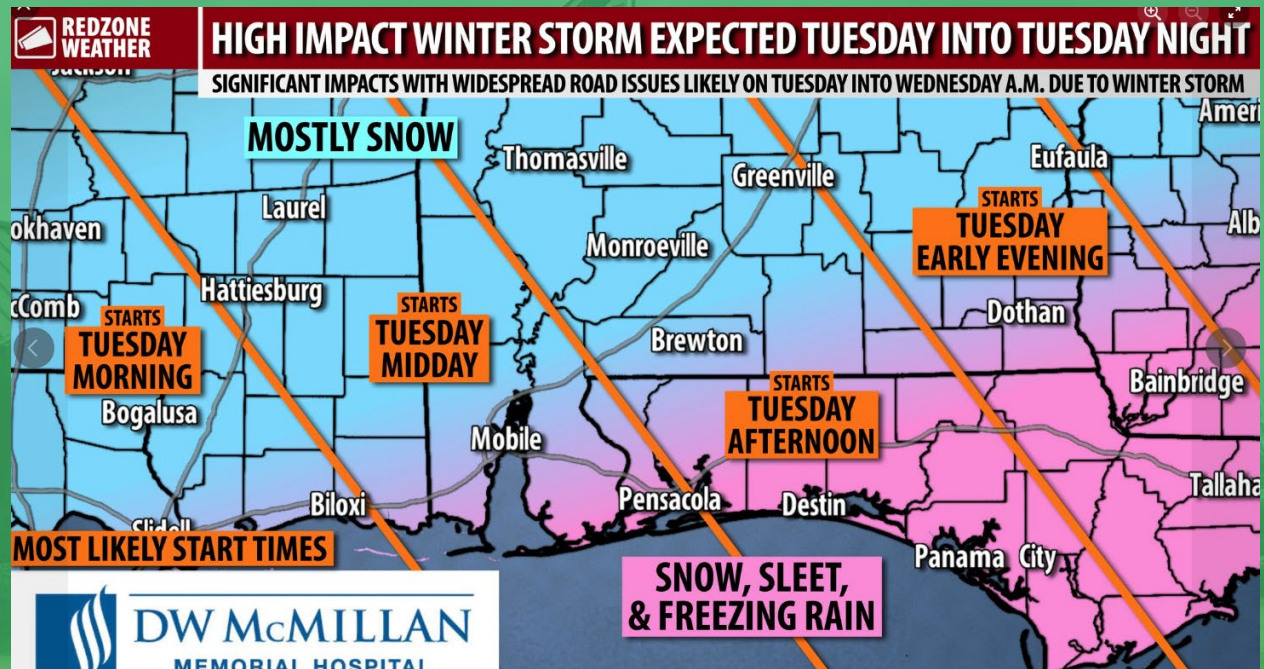
Preparation:

Monitoring Weather and Trends



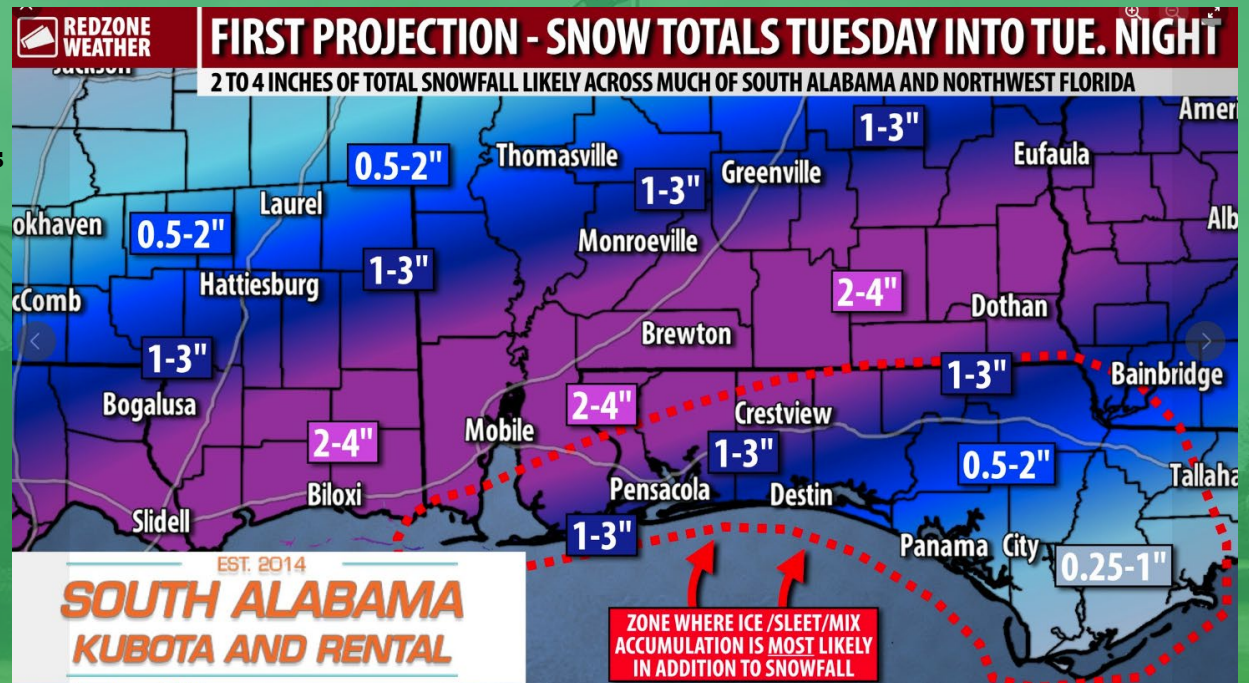
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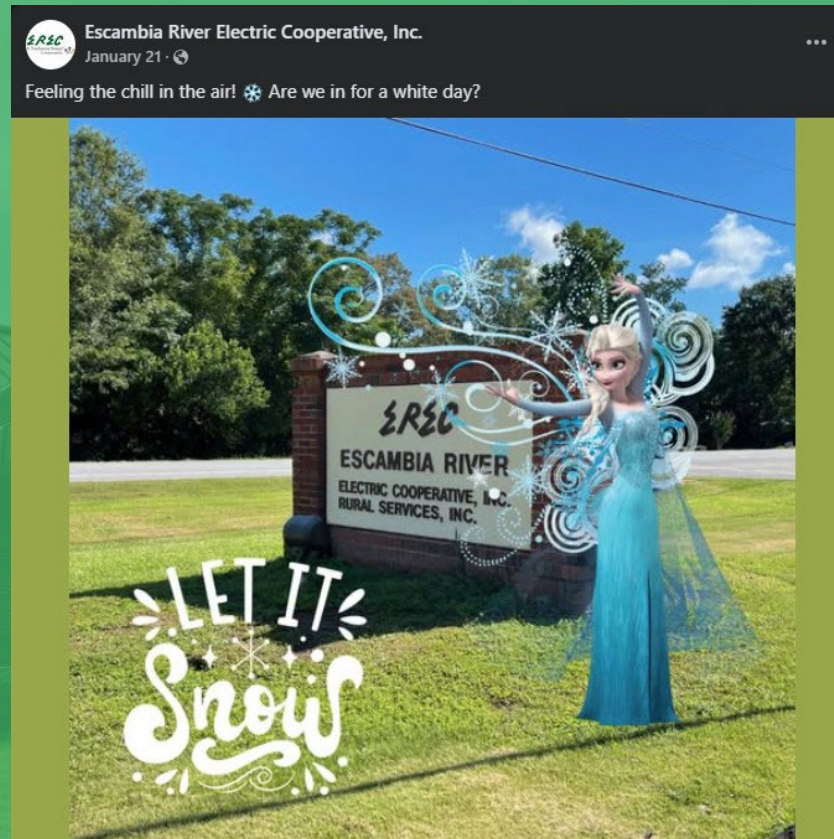


Preparation/Anticipation:



Preparation/Anticipation:

- Waiting...



Response:

- Damage Assessment
- Restoration
- Social Media Presence
 - Positive engagement with members

Social Media:



Social Media:



Escambia River Electric Cooperative, Inc.

January 21 · 🌐



We need your help NOW! The EXTREMELY cold temperatures are putting a tremendous demand on the system. Please make every effort now through tomorrow morning to reduce load. Load can be reduced by turning off all unneeded lights, TVs, etc. and postponing the use of electric appliances such as dishwashers, clothes dryers, and ovens. In addition to conserving, we need you to help us get this important message out by sharing this post. Small reductions by many can make all the difference.

We can't end this post without thanking every crew who has been out working in this cold weather. PowerSouth and EREC has done everything there is to do to try and prevent outage. We also want to thank every member who has prayed for our crews and offered words of encouragement. It's looking like it's going to be a long night followed by another hard morning. Your assistance is needed and greatly appreciated.



Top fan

Caren

Just turned off as much as we can. I didn't want to do the dishes or laundry tonight anyway!! 😂 Stay safe!

EREC

ESCAMBIA RIVER
ELECTRIC COOPERATIVE, INC.
RURAL SERVICES, INC.

EREC

A Touchstone Energy[®]
Cooperative





Kenbow

Say I won't throw my fridge outside

Clean Up:

- Debris
 - Poles and equipment
 - Vegetation
- Time Frame for Reimbursement

Debriefing:

- Meetings
- Suggestions



Path to Restoration - Talquin's 12 Month Experience

Mike Grice

Director of Engineering and Operations

TALQUIN
ELECTRIC COOPERATIVE, INC.
WATER & WASTEWATER, INC.

Storms

- May 10th Tornados (Friday AM 5/10/24)
- Hurricane Debby (Monday AM 8/4/24)
- Hurricane Helene (Thursday PM 9/26/24)
- WS Enzo (Tuesday PM 1/21/24)

5/10 Tornadoes

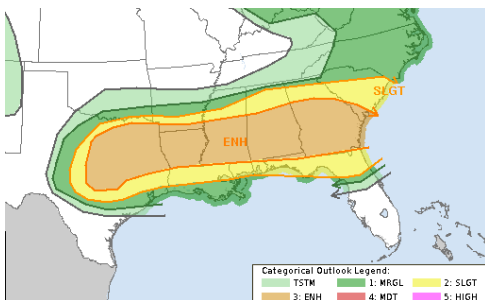
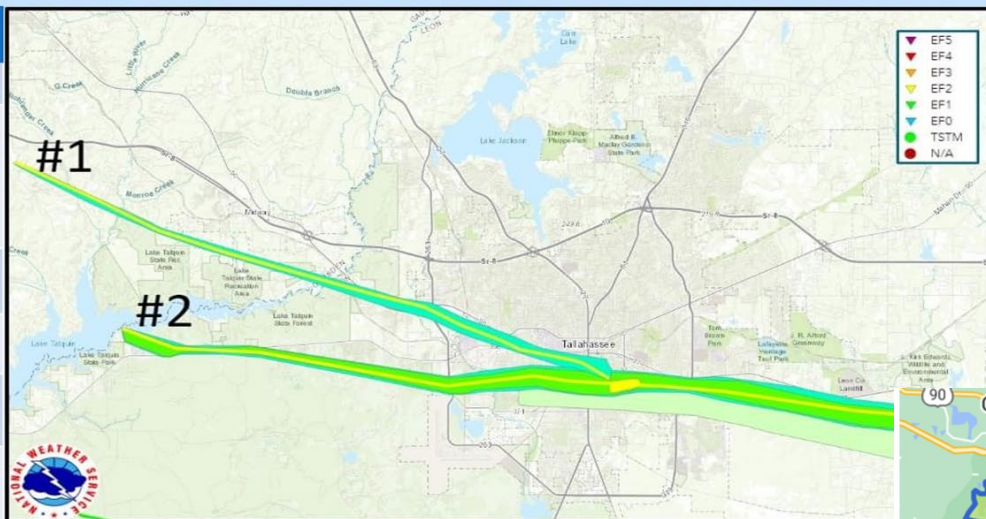
NATIONAL WEATHER SERVICE
NATIONAL HAZARD CENTER



Preliminary Damage Survey Results

Tallahassee Tornadoes

Date	May 10, 2024
Time (Local)	Start: #1: 6:38a ET #2: 6:50a ET End: #1: 7:03a ET #2: 7:14a ET
EF Rating (Max)	#1: EF-2 #2: EF-2
Est. Peak Winds	#1: 115 mph #2: 115mph
Path Length (Est)	#1: 19.58mi #2: 27.22mi
Max Width	#1: 900 Yards #2: 1400 Yards



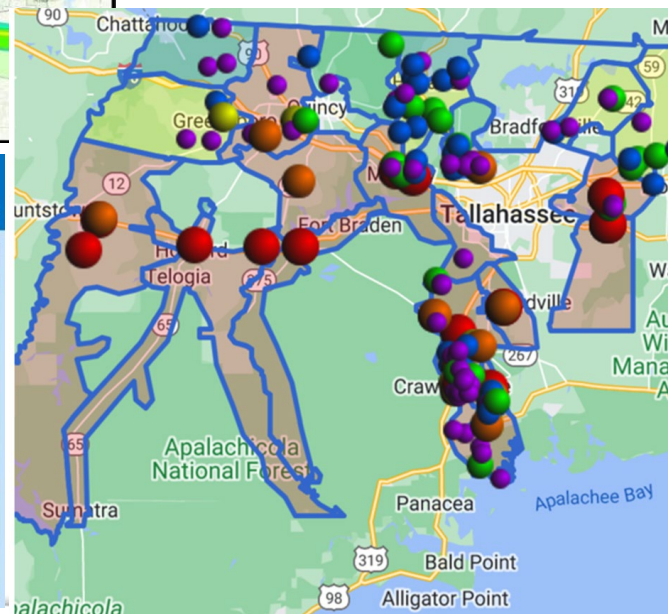
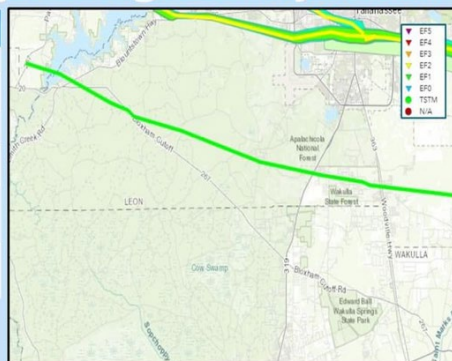
5/9 Noon
Weather Outlook

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NATIONAL HAZARD CENTER

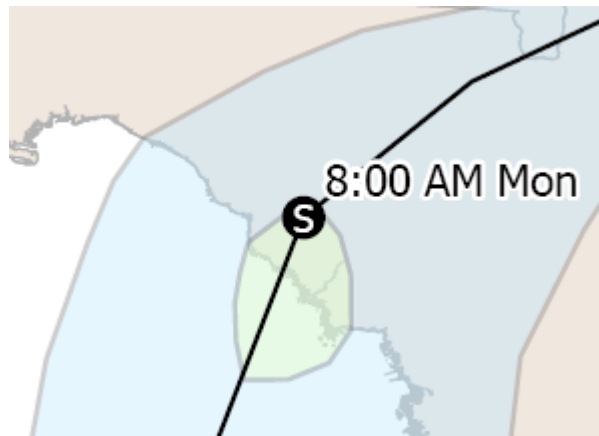


Preliminary Damage Survey Results

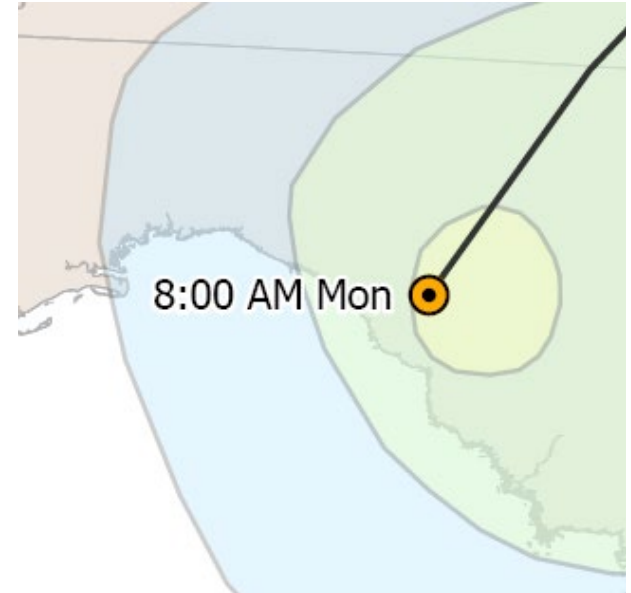
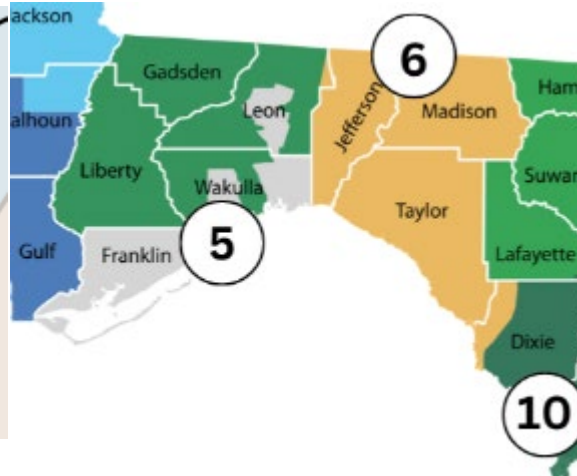
Woodville Tornado	
Date	May 10, 2024
Time (Local)	Start: 6:50a ET End: 7:13a ET
EF Rating (Max)	1
Est. Peak Winds	110 mph
Path Length (Est)	31.69 Miles
Max Width	1100 Yards



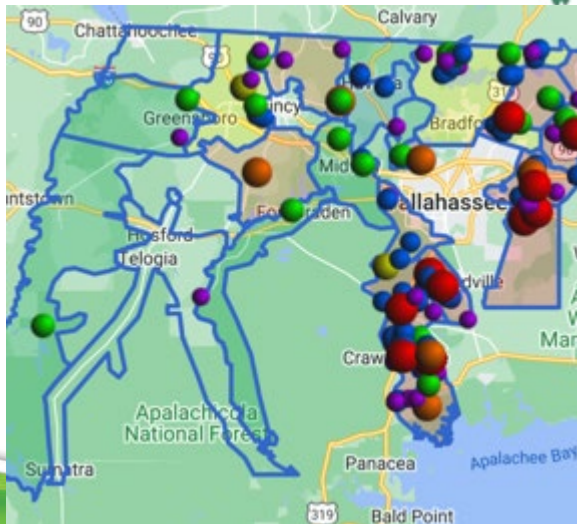
Hurricane Debby



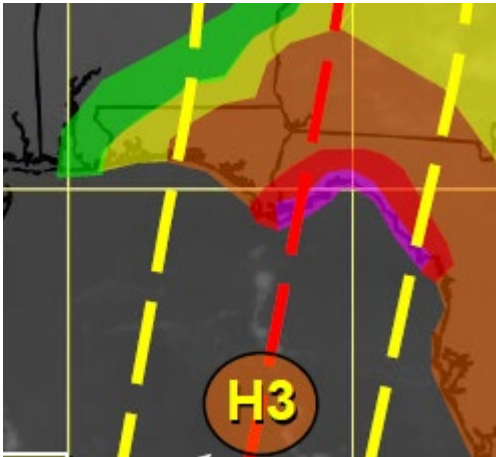
8/2 PM Forecast



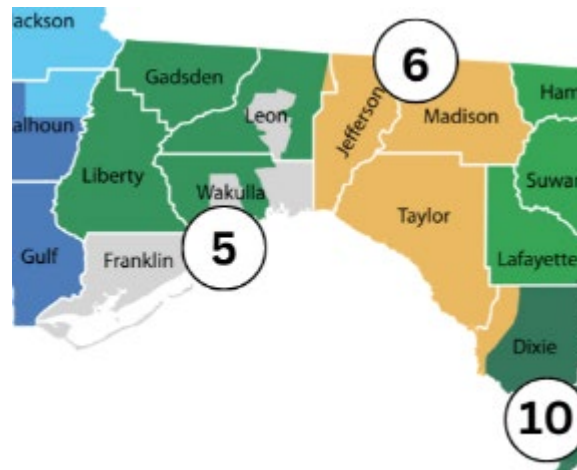
Actual Path



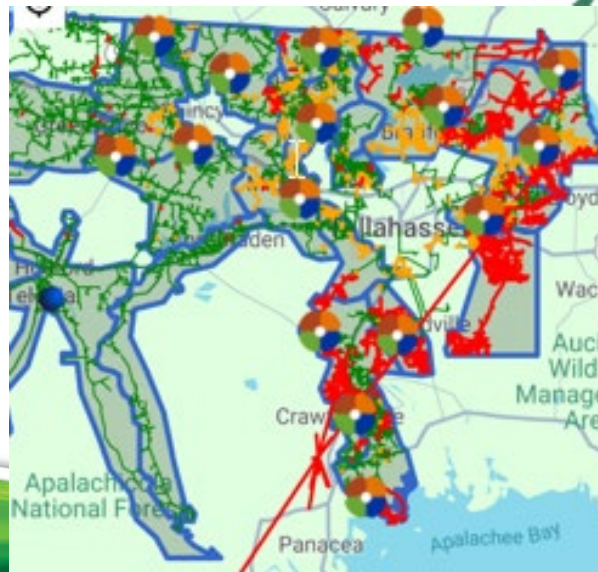
Hurricane Helene



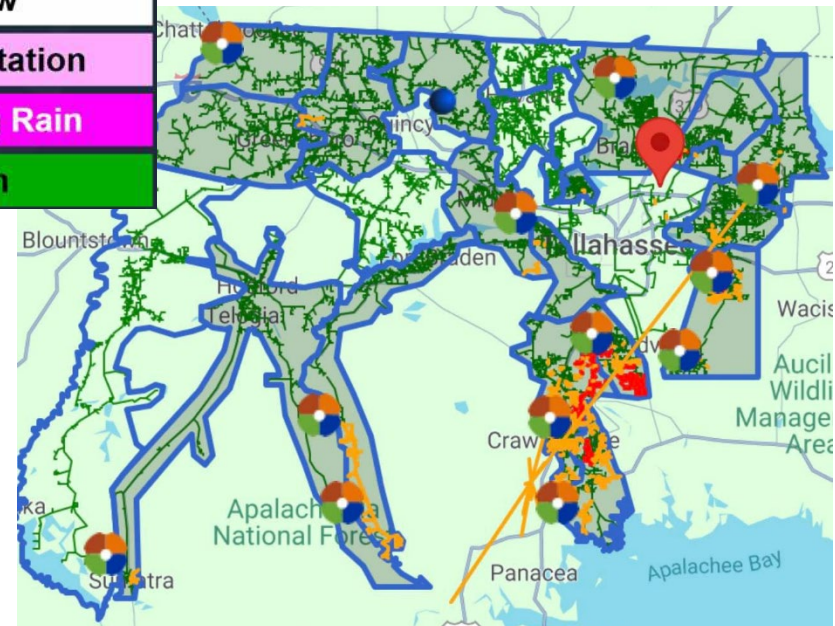
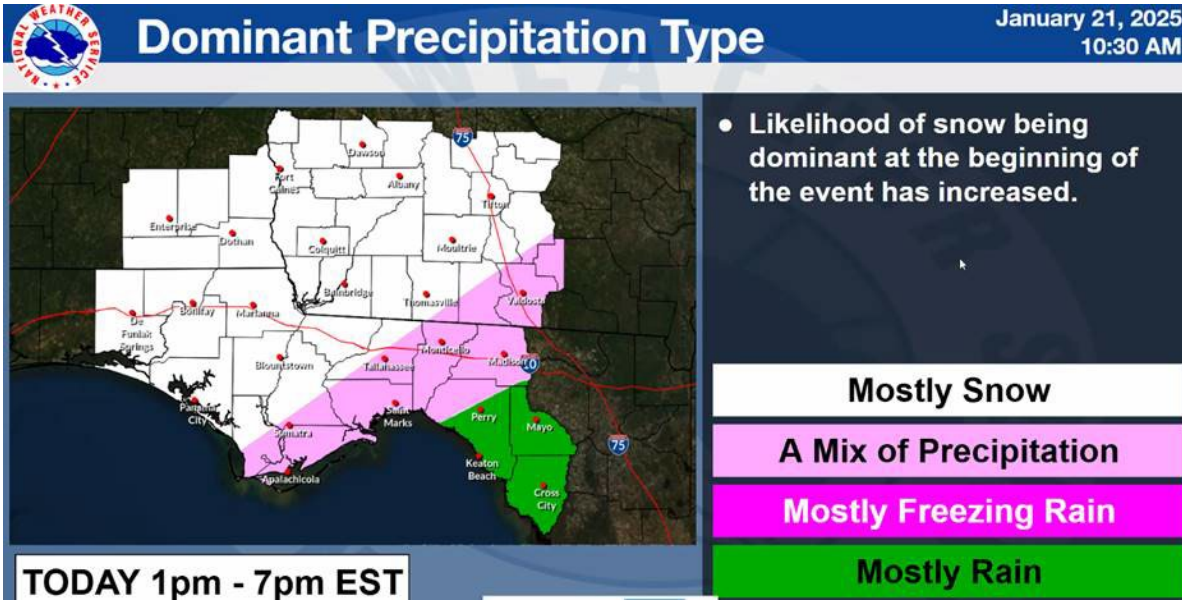
9/23 AM Forecast



Actual Path



WS Enzo



Comparison

	Prepped?	Basecamp	Storm Contracts?	On System Resources	Outside Resource	Neighbors Impacted	Road Limitations
May 10th	No	No	No	43 Line 6 Substation 20 Bird Dogs 5 Line Contractor 40 ROW Contractor	150 Contractor, 75 MA, 32 ROW	Minimal	Local
Debby	Yes	No	Some		100 Contractor, 70 MA, 22 ROW	Severe to the East	Local
Helene WS	Yes	4 Camps	Yes		350 Contractor, 365 MA, 375 ROW	Severe to the East	Local
Enzo	No	No	Yes		100 Contractor, 40 MA	Minimal	Regional

- Performed Hazard Tree/Limb Removal Project following the Tornados and the Hurricanes



Discussion

