



Weather Impact Key Messages

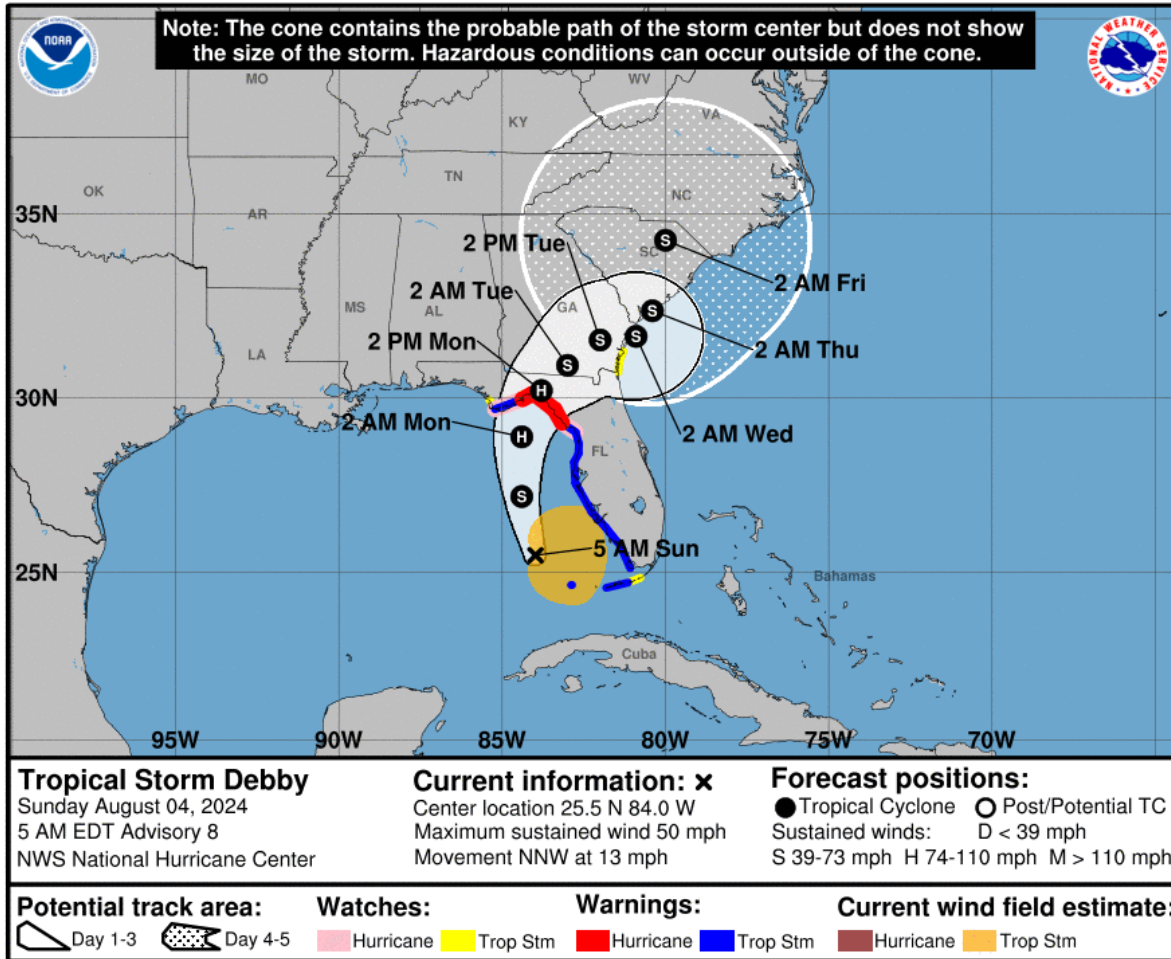
Northeast Florida & Southeast Georgia



Tropical Storm Debby Impacts Today through Tuesday

- Flooding Rainfall Potential & River Flooding
- Potential Tropical Storm Force Winds
- Dangerous Marine & Surf Zone Conditions
- Follow Official Forecasts from the National Hurricane Center





TROPICAL STORM DEBBY



Advisory #8

Tropical Storm Debby will track northward off the Florida west coast through tonight, strengthening to a hurricane prior to landfall sometime Monday. Locally, rainfall will increase today, with deteriorating conditions tonight through Monday night.

Potential Hazards

 Flooding Rain	 Storm Surge for SE GA Coast & Dangerous Rip Currents
 Strong Wind Gusts	 Dangerous Boating

Recommended Safety

- ✓ Clean Gutters, downspout areas & secure wind blown debris
- ✓ Move/Secure flood prone objects near rivers/low-lying areas
- ✓ If in or near a flood prone area, move to higher ground today



NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
JACKSONVILLE, FL

8/4/2024 7:54 AM



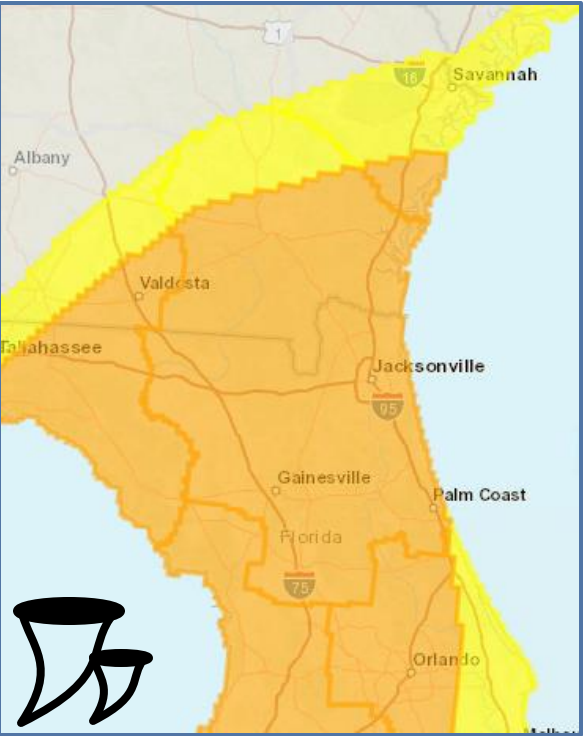
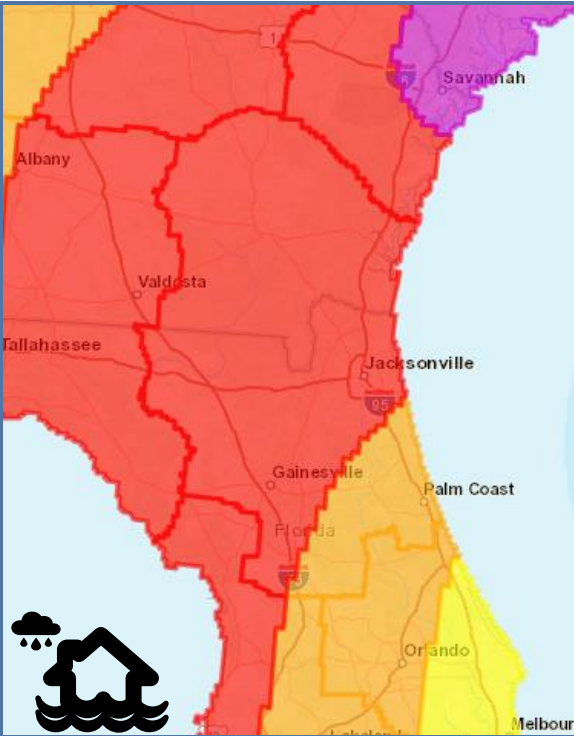
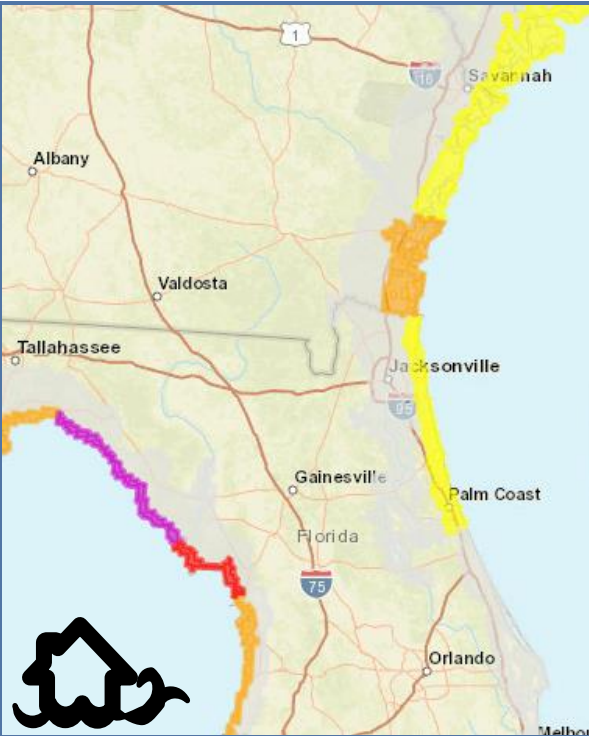
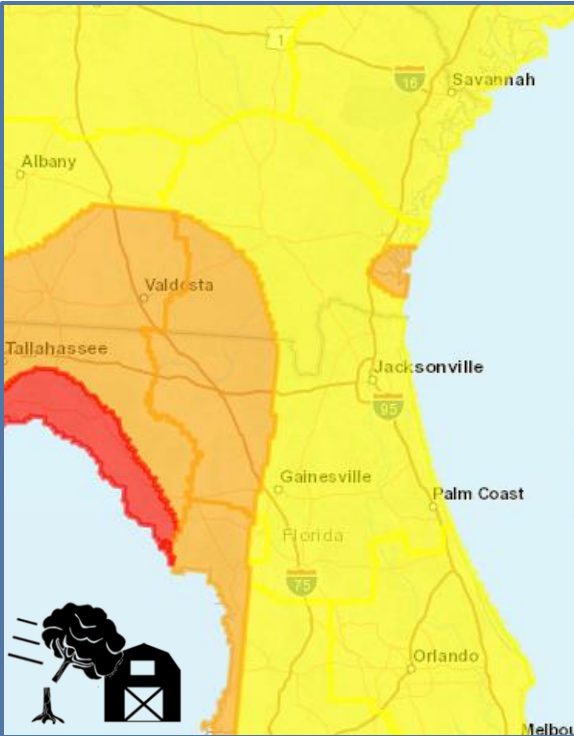
Tropical Storm Debby Potential Impacts

Wind

Storm Surge

Flooding Rain

Tornado



Wind Threat
Potential for wind greater than 110 mph
Potential for wind 74 to 110 mph
Potential for wind 58 to 73 mph
Potential for wind 39 to 57 mph
Wind less than 39 mph

Storm Surge Threat
Potential for storm surge flooding greater than 9 ft above ground
Potential for storm surge flooding greater than 6 ft above ground
Potential for storm surge flooding greater than 3 ft above ground
Potential for storm surge flooding greater than 1 ft above ground
Little to no storm surge flooding

Flooding Rain Threat
Potential for extreme flooding rain
Potential for major flooding rain
Potential for moderate flooding rain
Potential for localized flooding rain
Little to no potential for flooding rain

Tornado Threat
Potential for outbreak of tornadoes
Potential for many tornadoes
Potential for several tornadoes
Potential for a few tornadoes
Tornadoes not expected

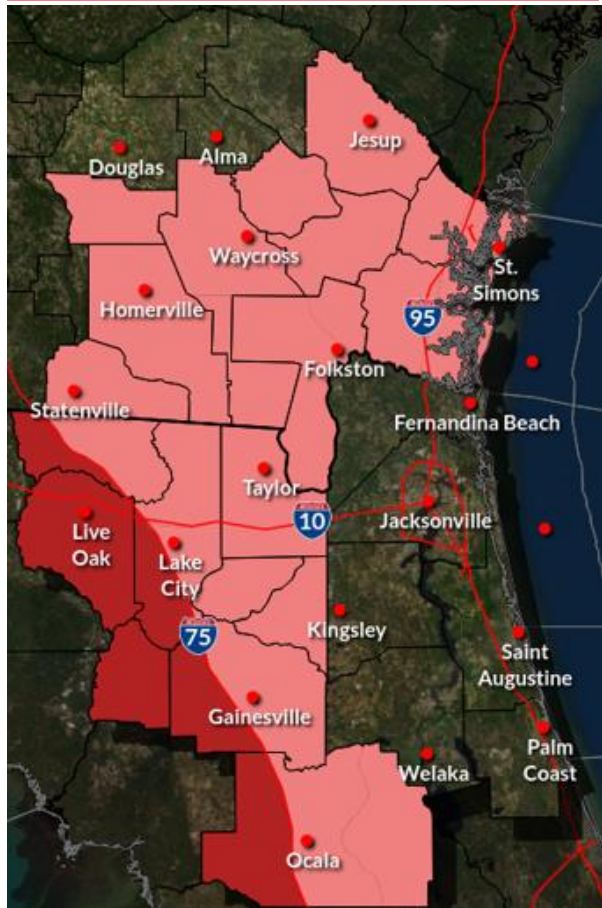


Current Watches & Warnings as of 5 am 8/4/24

Northeast Florida & Southeast Georgia

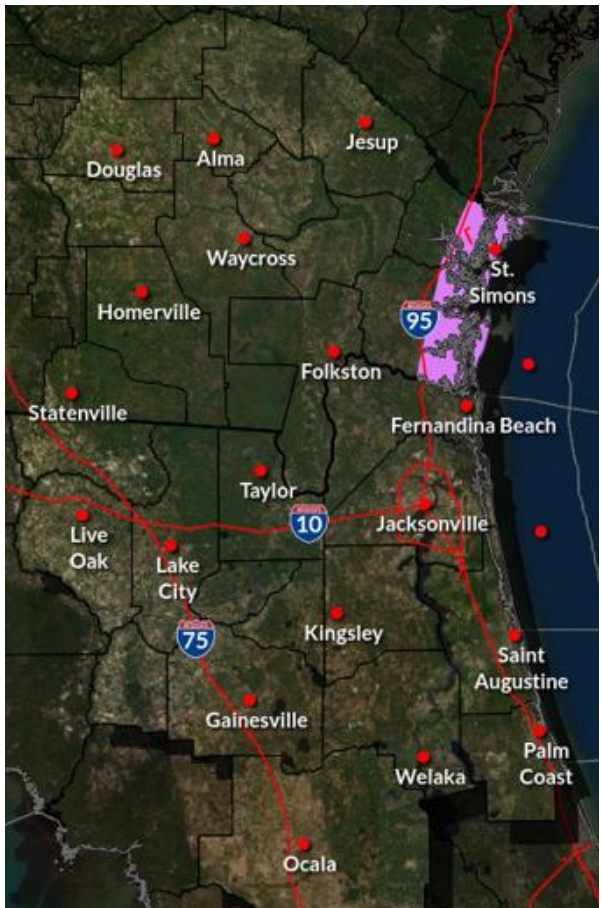
Wind

Tropical Storm Warning
Tropical Storm Watch



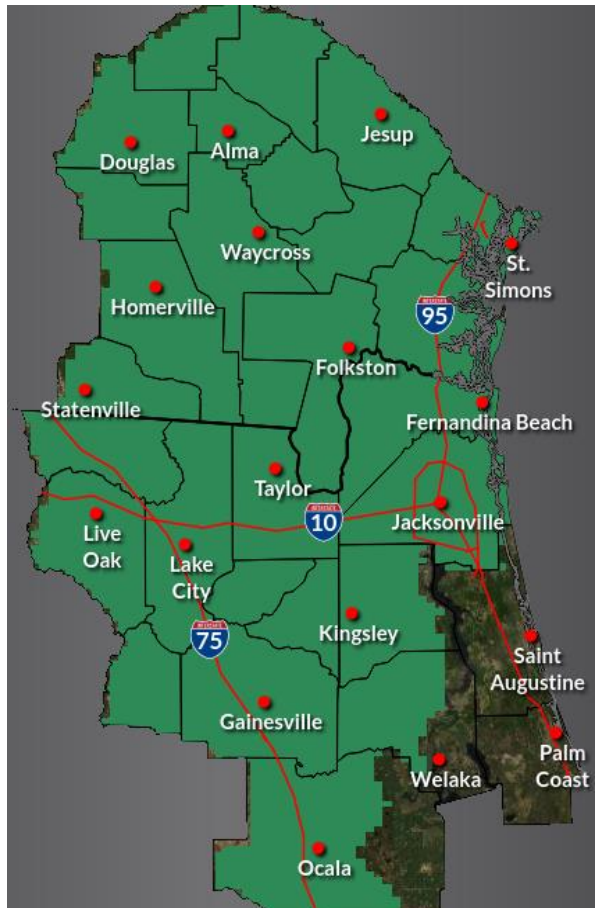
Storm Surge

Storm Surge Watch



Flooding Rain

Flash Flood Watch



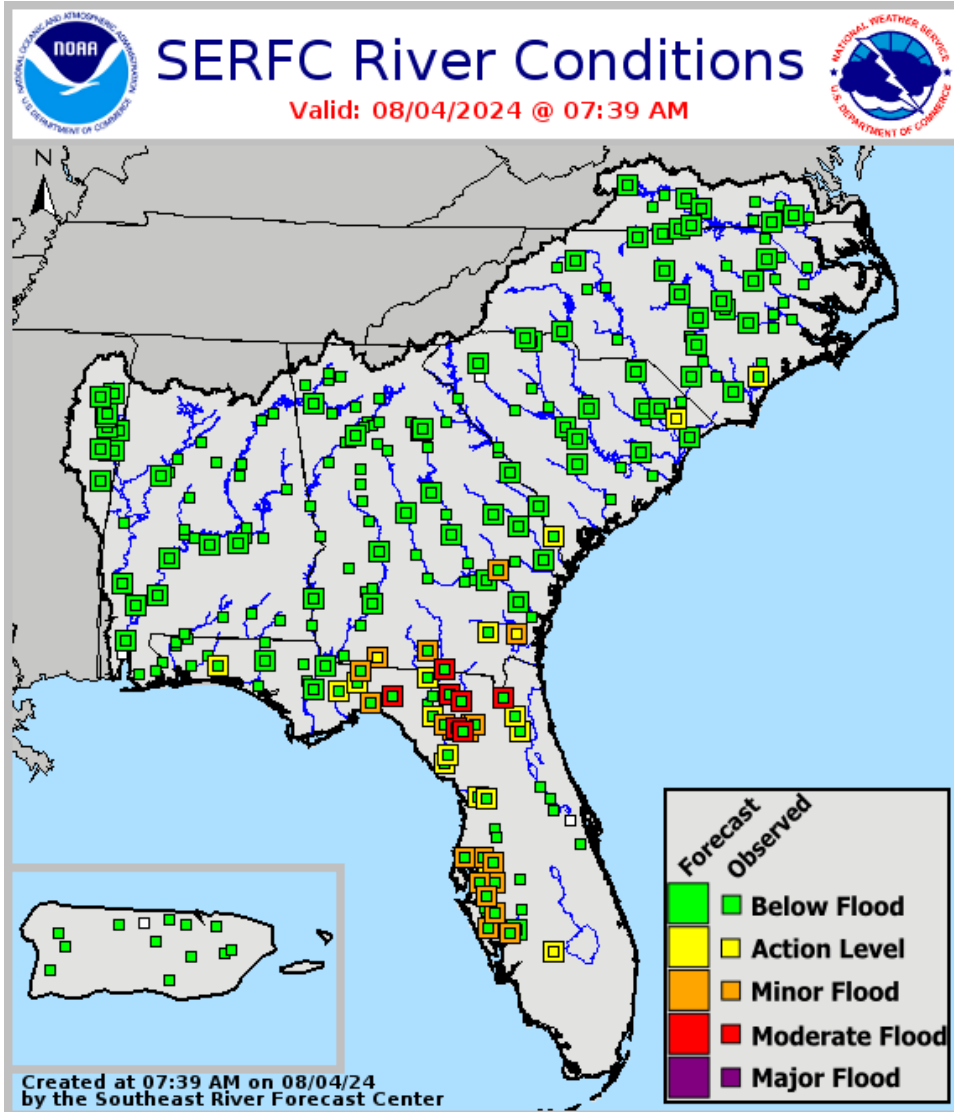
Tornado

None at this time



Tropical Storm Debby – River Flood Potential

Northeast Florida & Southeast Georgia



Key Messages

- Flooding rainfall will create river rises
- Moderate River Flood Potential: Suwannee, Santa Fe, St. Marys
- Minor River Flood Potential: Satilla, Alapaha
- Black Creek could quickly rise into flood
- Continue to monitor the latest forecasts



Potential Impacts

- Inundation of normally dry ground
- Roads, river access points cut off



Timing

- Flooding could begin as early as Tuesday
- River flooding may persist for weeks



FLOODING RAINFALL RISK

Rainfall Outlook through Tuesday Night



Key Messages

- Flooding Rainfall Potential
- Widespread 6-12 inches SE Georgia & inland NE Florida
- If Debby slows down, localized 15-20 inches *possible*



Impacts

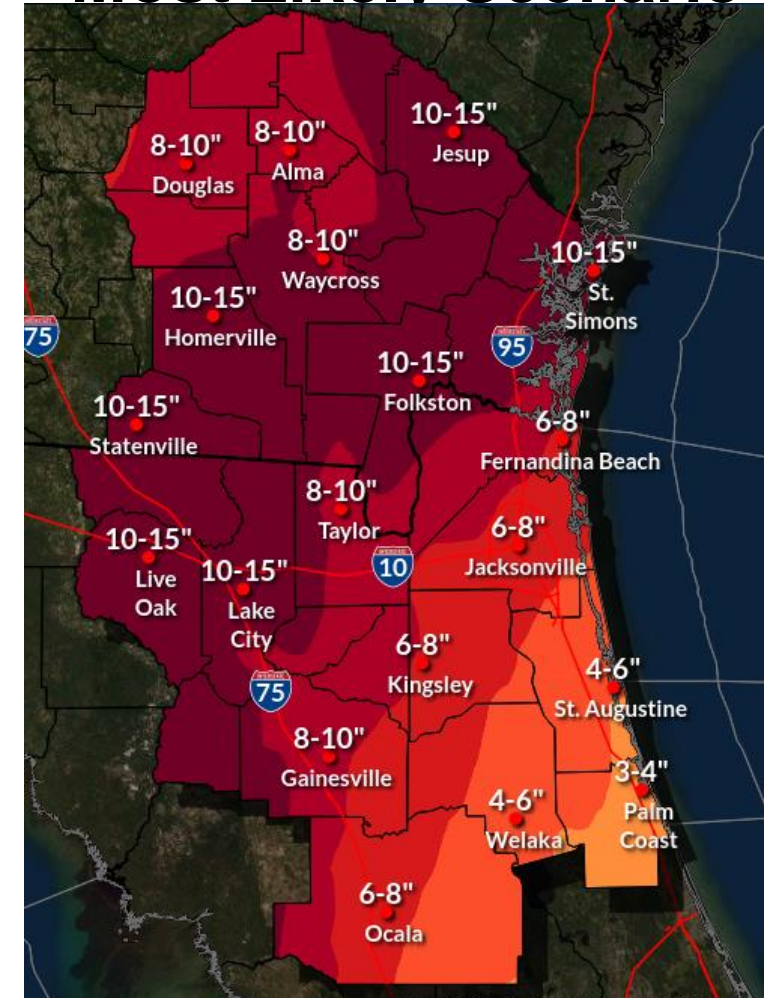
- Flash flood potential
- Inundation into homes, flooded & washed out roads
- Moderate River flooding Expected – Major *possible*



Timing

- Outbands of rain begin late today
- Heaviest Rainfall Potential Monday Morning through Tuesday Night

Most Likely Scenario



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ISSUED: Sunday, August 4, 2024 7:54 AM