




Weather Impact Overview

Northeast Florida & Southeast Georgia

 **Tropical Storm Watch** in effect for coastal areas from Altamaha Sound GA to Flagler Beach FL, and including inland Flagler county

 **Storm Surge Watch** in effect from Altamaha Sound GA to Flagler Beach FL including the St Johns River

 **Marine:** Tropical Storm Warning in effect for the Atlantic Waters

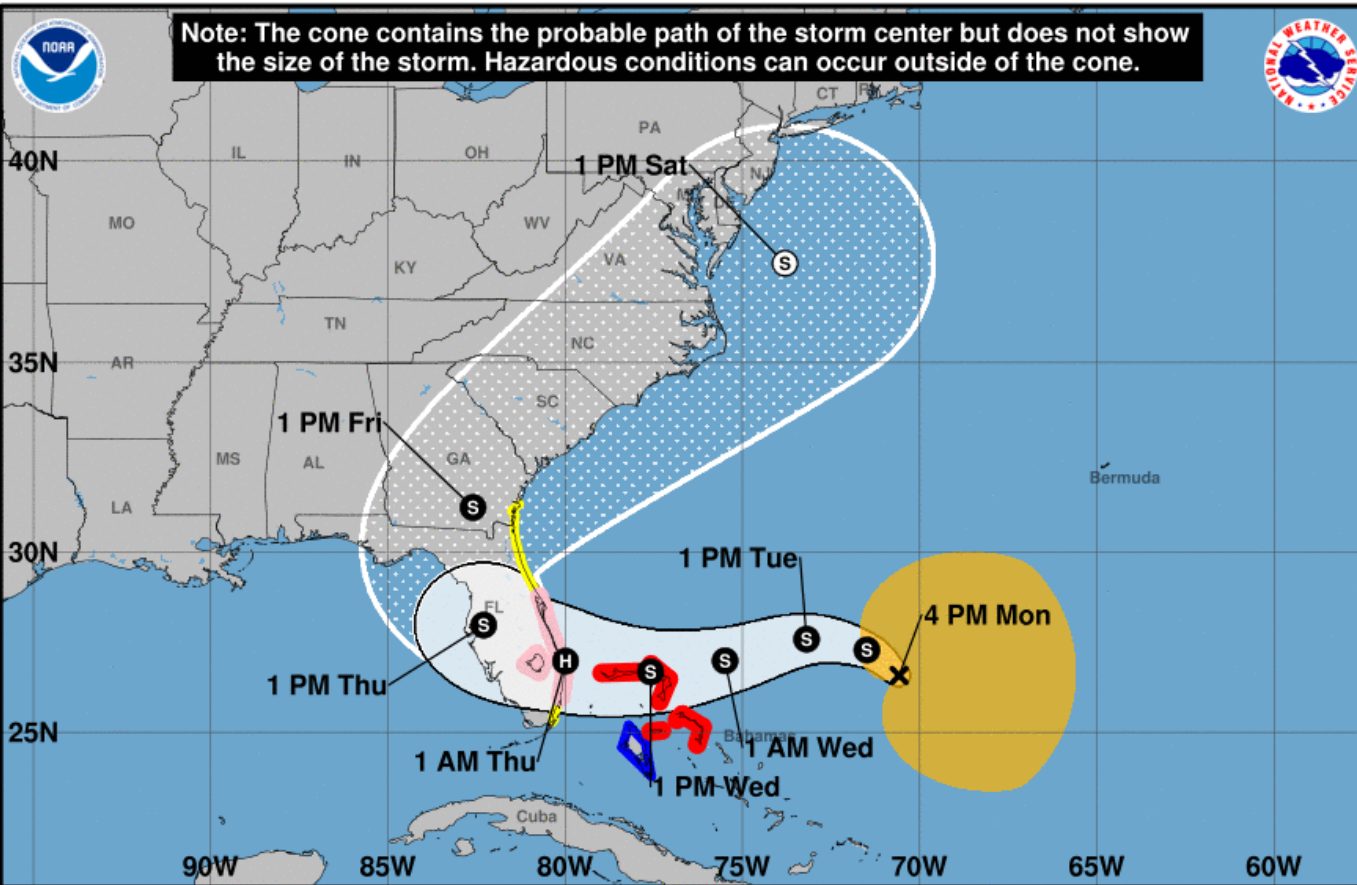
 **Coastal:** Flooding around times of high tide along the St Johns due to the onshore flow. Then developing this week - High surf, surge flooding at the beaches, beach erosion, and strong gusty winds at beaches

 **Rainfall:** Locally heavy rainfall, flash flooding possible late in the week

Subtropical Storm Nicole

4 PM Advisory Monday

Jacksonville, FL
Weather Forecast Office
Issued November 7, 2022 4:59 PM ET



Subtropical Storm Nicole
Monday November 07, 2022
4 PM EST Advisory 3
NWS National Hurricane Center

Current information: x
Center location 26.6 N 70.6 W
Maximum sustained wind 45 mph
Movement NW at 9 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area: Day 1-3 Day 4-5
Watches: Hurricane Trop Stm
Warnings: Hurricane Trop Stm
Current wind extent: Hurricane Trop Stm

NE FL & SE GA Key Points



Nicole will move westward toward south/central FL this week and is anticipated to strengthen to a Hurricane right before landfall.



Local impacts will deteriorate through the week with strong NE winds and high astronomical tides ahead of Nicole. Best chance for impacts will be along the immediate coast and St. Johns River.

Potential Hazards



Tropical Storm
Winds, High
Seas



Moderate Storm
Surge, Beach
Erosion, High Rips



Tropical Storm
Winds Possible
along the Coast



Localized
Flooding Rain
along the coast

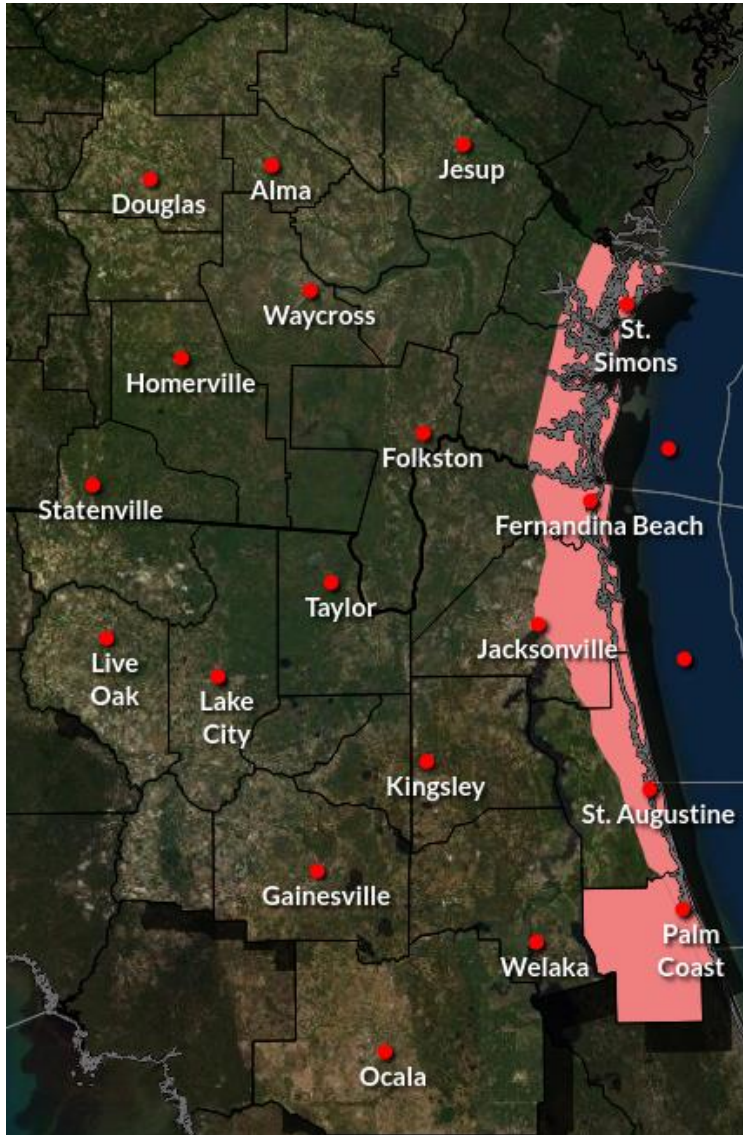


Review your hurricane emergency plan
and ensure your hurricane kit is stocked.



Wind Potential

Subtropical Storm Nicole



**Tropical Storm Watches in effect for NE FL and SE GA
coasts and Flagler County**
**Tropical Storm Warnings in effect for the Atlantic
Waters**



Tropical Storm force winds are expected over the NE FL and SE GA Atlantic waters beginning Tuesday through the week.

Tropical Storm force winds will be possible along the Atlantic coast and Flagler beginning Wednesday.



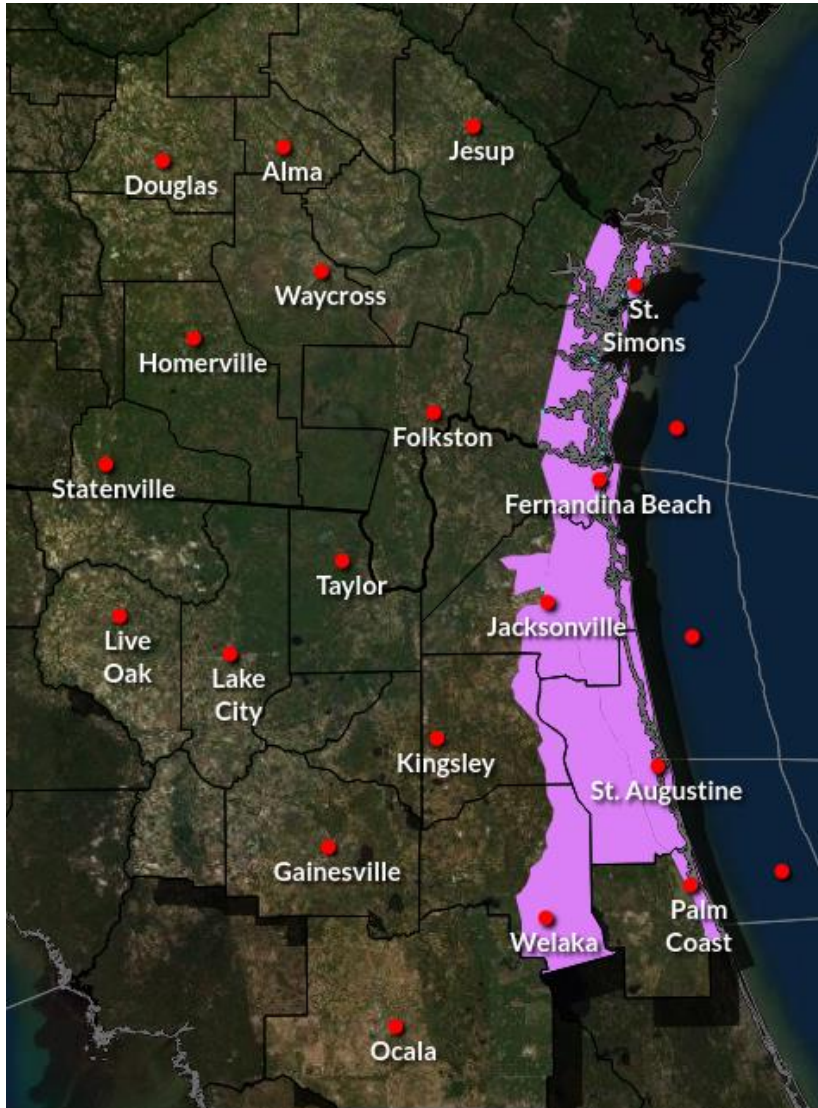
Strong northeasterly winds ahead of the storm will cause gusty conditions along the coast on Tuesday.

Several fallen trees or tree limbs, power outages and damage to structures and mobile homes possible.



Marine and Beach Hazards

Subtropical Storm Nicole



Storm Surge Watches in effect for coastal SE GA and NE FL, ICWW, and St. Johns River

Storm Surge Flooding:

- 3-5 ft along the immediate coast and ICWW
- 2-4 ft along the St. Johns River basin.



High astronomical tides and strong northeasterly winds ahead of the storm will trap tides in the St. Johns River and exacerbate surge flooding.

High risk of rip currents for NE FL and SE GA coasts through the week



Moderate beach erosion

Dangerous Boating conditions with tropical storm force winds over the Atlantic waters

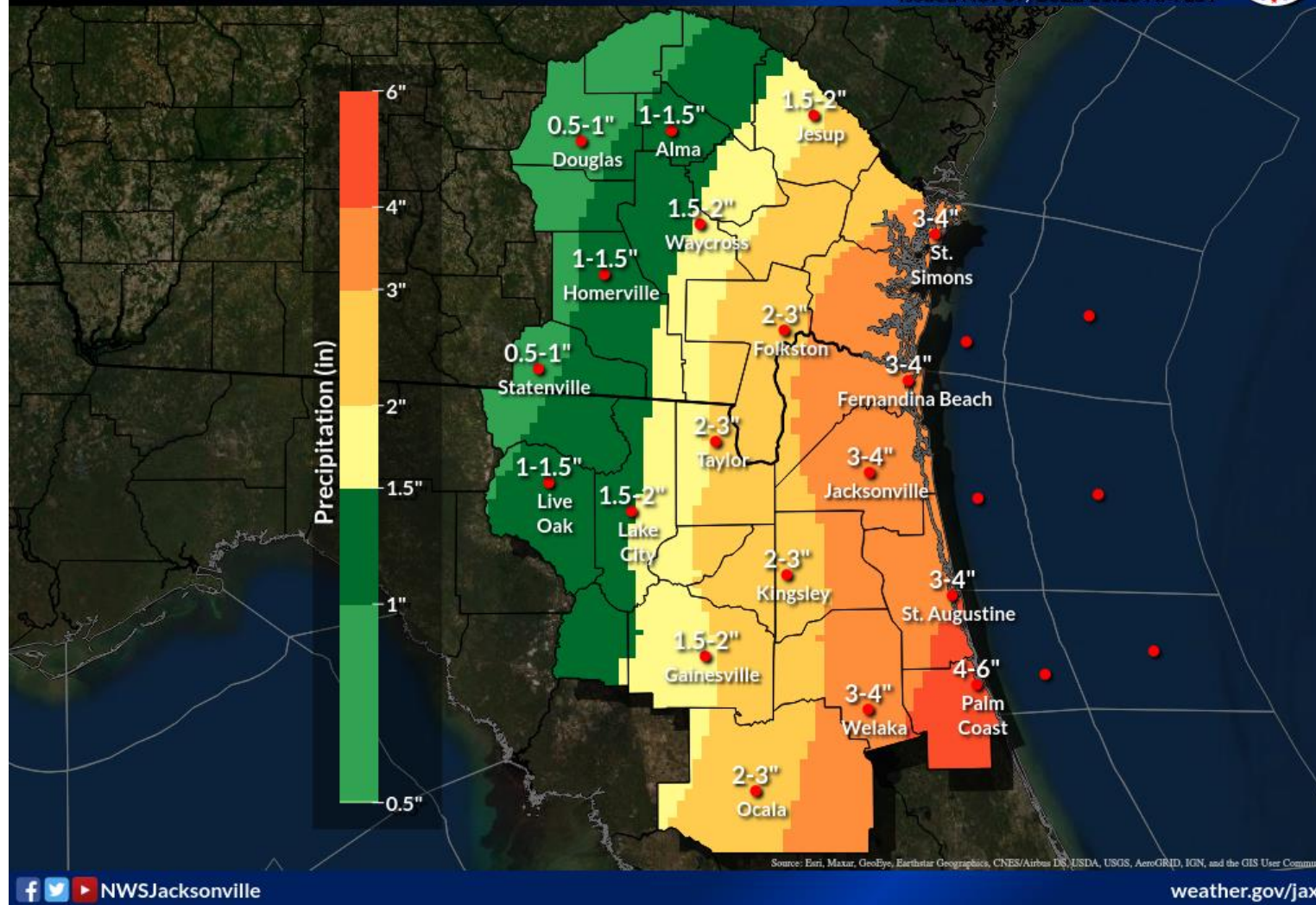


Weather Headlines

Northeast Florida & Southeast Georgia

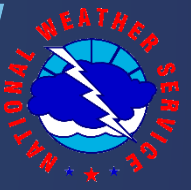
Total Rainfall This Week

Weather Forecast Office
Jacksonville, FL
Issued Nov 07, 2022 11:25 AM EST



- A risk of localized flash flooding Thu-Fri, mainly coastal southeast GA and eastern parts of northeast FL
- Rainfall forecast shows 2 to 4 inches, locally higher, along the eastern parts of the forecast area and 4 to 6 amounts over Flagler County
- Lower rainfall amounts further inland

HIGH RISK OF RIP CURRENTS



HAZARDS

Strengthening Northeasterly Winds and Ocean Swells support Life Threatening Rip Currents at All Area Beaches

- *High Rip Current Risk*
- *Surf 3-6 ft, building 8-15 feet through the week*

TIMING

Life-threatening and damaging surf will develop this week, with peak Wed-Fri

LOCATION

Southeast Georgia & Northeast Florida Beaches



The surf will be dangerous for
ALL levels of swimmers.
Always swim near a lifeguard!



National Weather Service | Jacksonville