



Subtropical Storm Nicole

8:00 AM ET
Wednesday, November 9,
2022

What has changed: Formation chance continues to increase
Next Briefing: Today at 120 pm EST

Disclaimer: The information contained within is time-sensitive. Do not use after 1:00pm EST Today.



Situation Overview

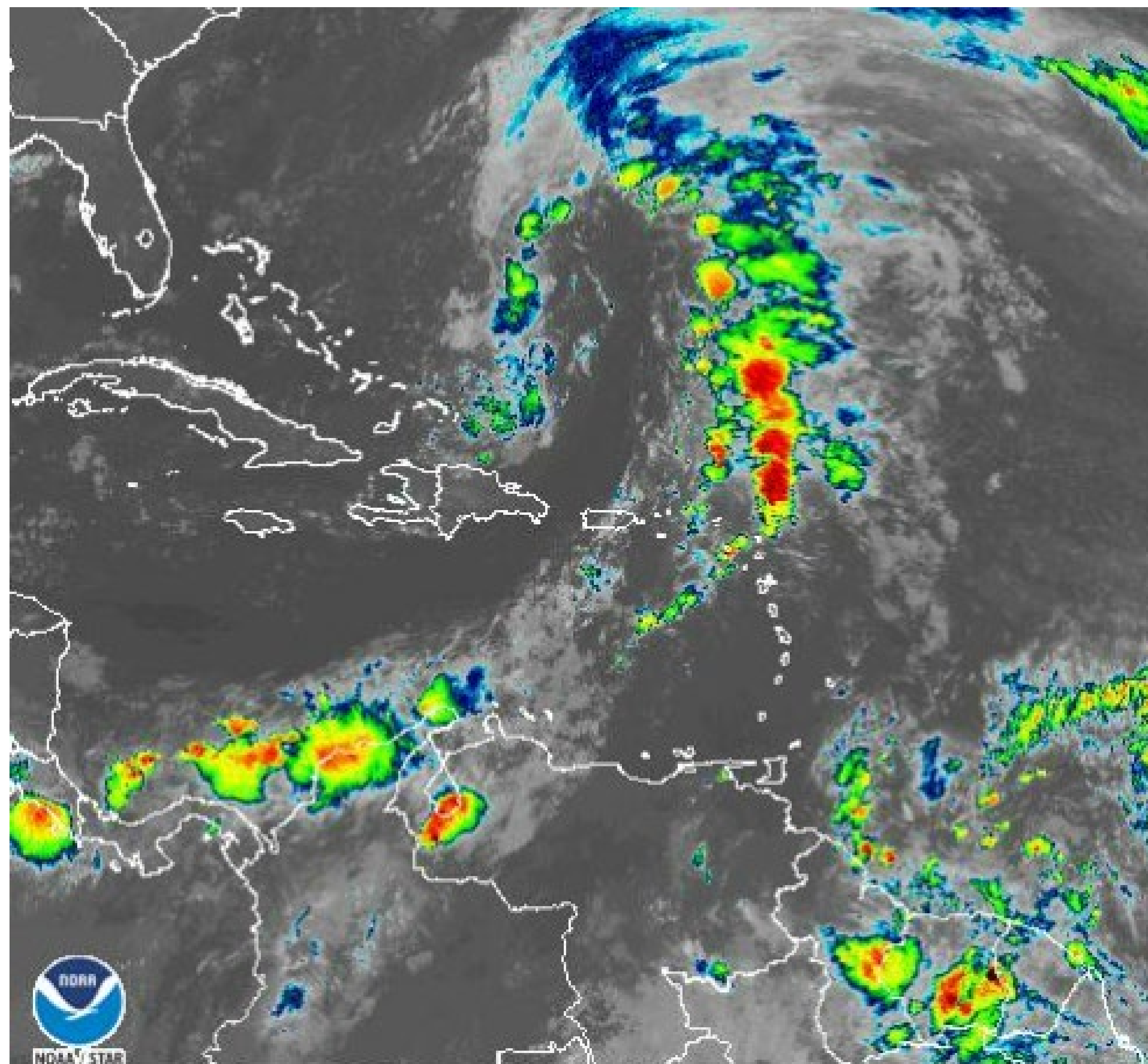
Low

- The center of Subtropical Storm Nicole is located 500 miles north of Puerto and may intensify into a strong Tropical storm near Hurricane strength by Late Wed as it approaches the Northwestern Bahamas. Initial forecast track will be to the northwest Through Tonight and then to the west or west-southwest through Thurs.
- Well ahead of the system we will have strong onshore winds, moderate to possibly major coastal flooding, locally heavy rainfall, major beach erosion and possibly damaging surf.
- Minor flooding in parts of St Johns River is ongoing, and will continue to worsen through the week to moderate or higher.
- Locally heavy rainfall possible Tuesday night-Friday, mainly east of highway 301.
- Advisories along the coast may begin to be sent by NHC later this morning.



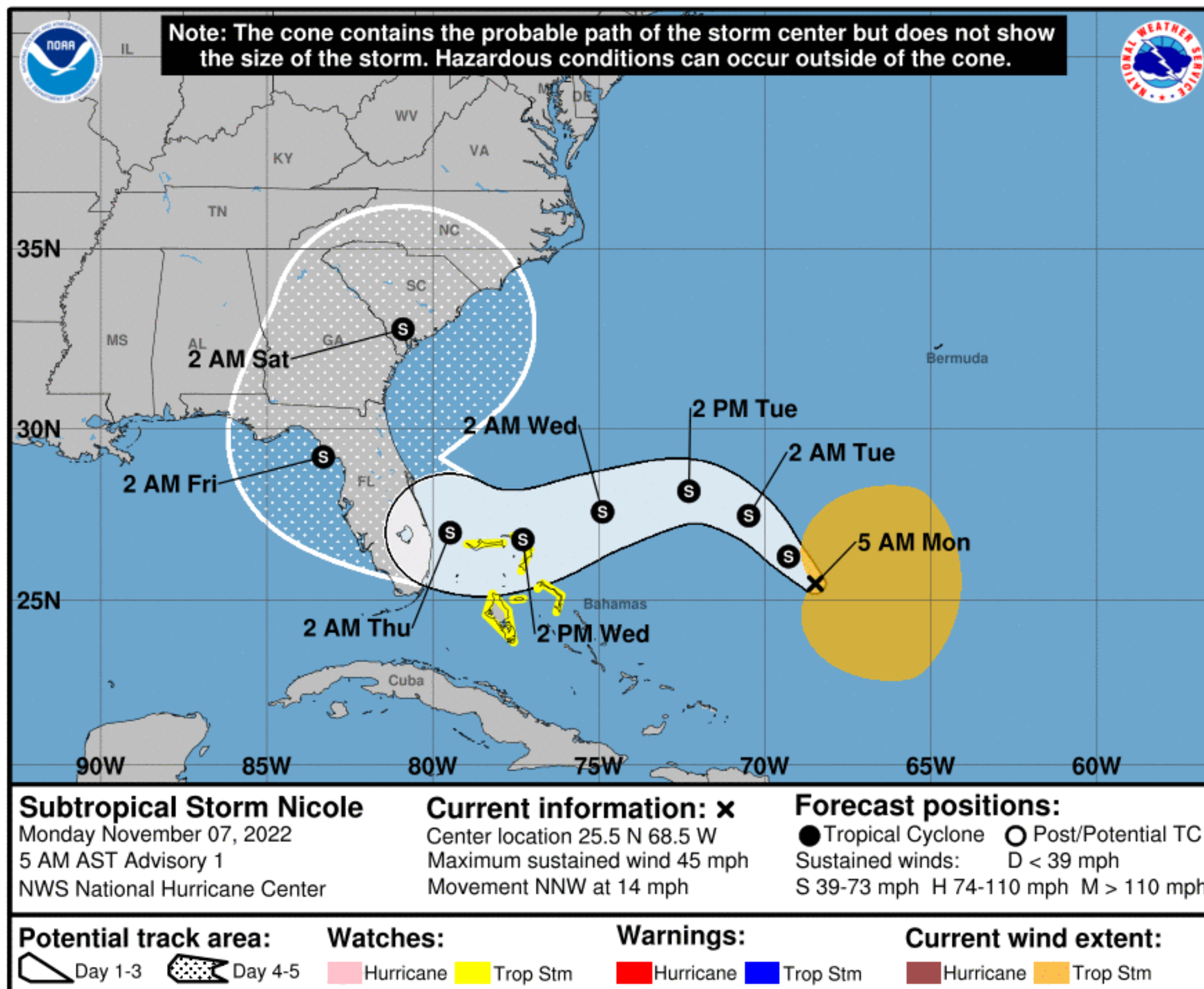
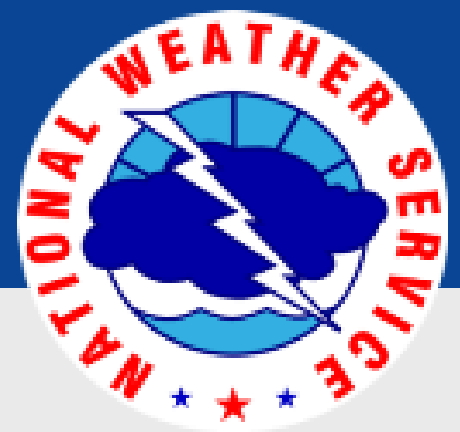
Current Satellite View

Low Pressure System



11/07/2022 10:40Z - NOAA/STAR - GOES-East - Band 13

- Subtropical Storm Nicole is currently moving to the north northwest at 14 mph.
- The system is forecast to turn to the northwest with a decrease in forward speed later today with gradual strengthening.
- The system will drift to the west or west-southwest Tuesday into early Thursday and may reach hurricane strength by Wednesday or Wednesday night as it moves near the Northwestern Bahamas.



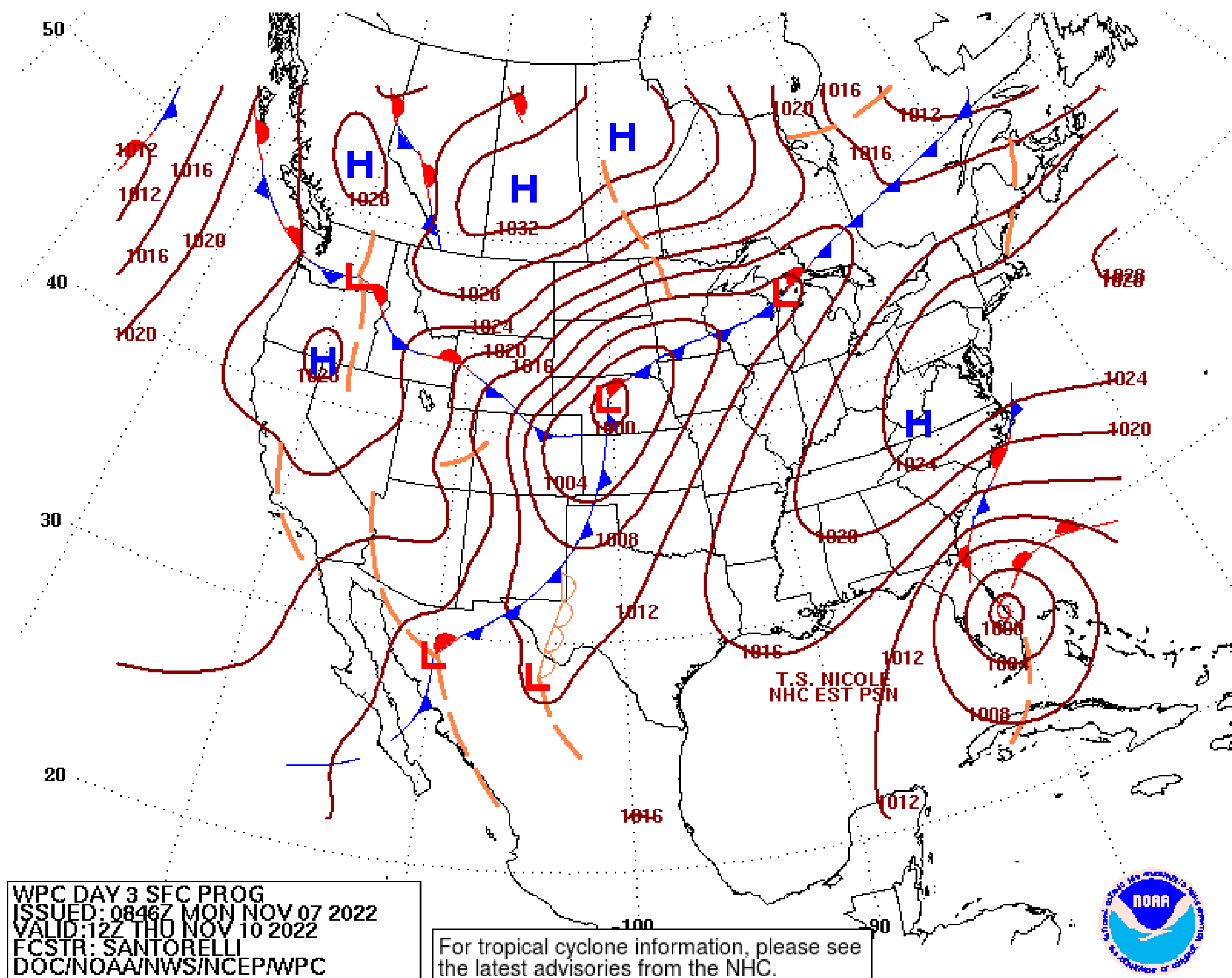
- Sub Tropical Storm Nicole's maximum sustained winds are 45 mph.
- There are no Tropical Storm watches at this time for Northeast FL or Southeast GA. However, Tropical Storm Watches may be issued later this morning or by the end of today for all or portions of the coast.



Current Forecasts

Low

- Forecast for Thursday morning Nov 10th
- Low pressure area moving into the southern Florida peninsula
- Warm front to the north of this feature across our area

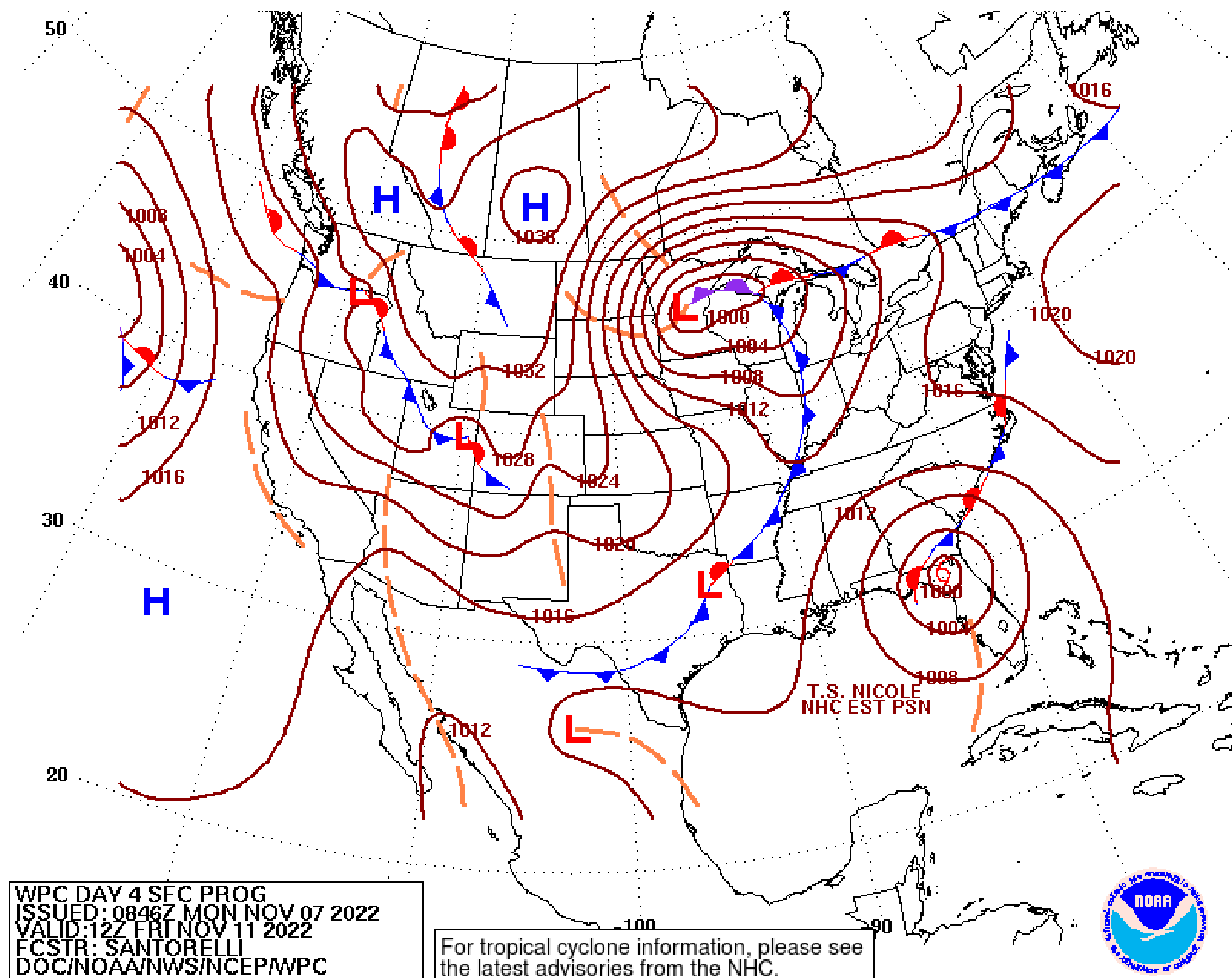




Current Forecasts

Low

- Forecast for Friday morning Nov 11th
- Low pressure area moving through northern FL
- Warm front to the north of this feature across our area

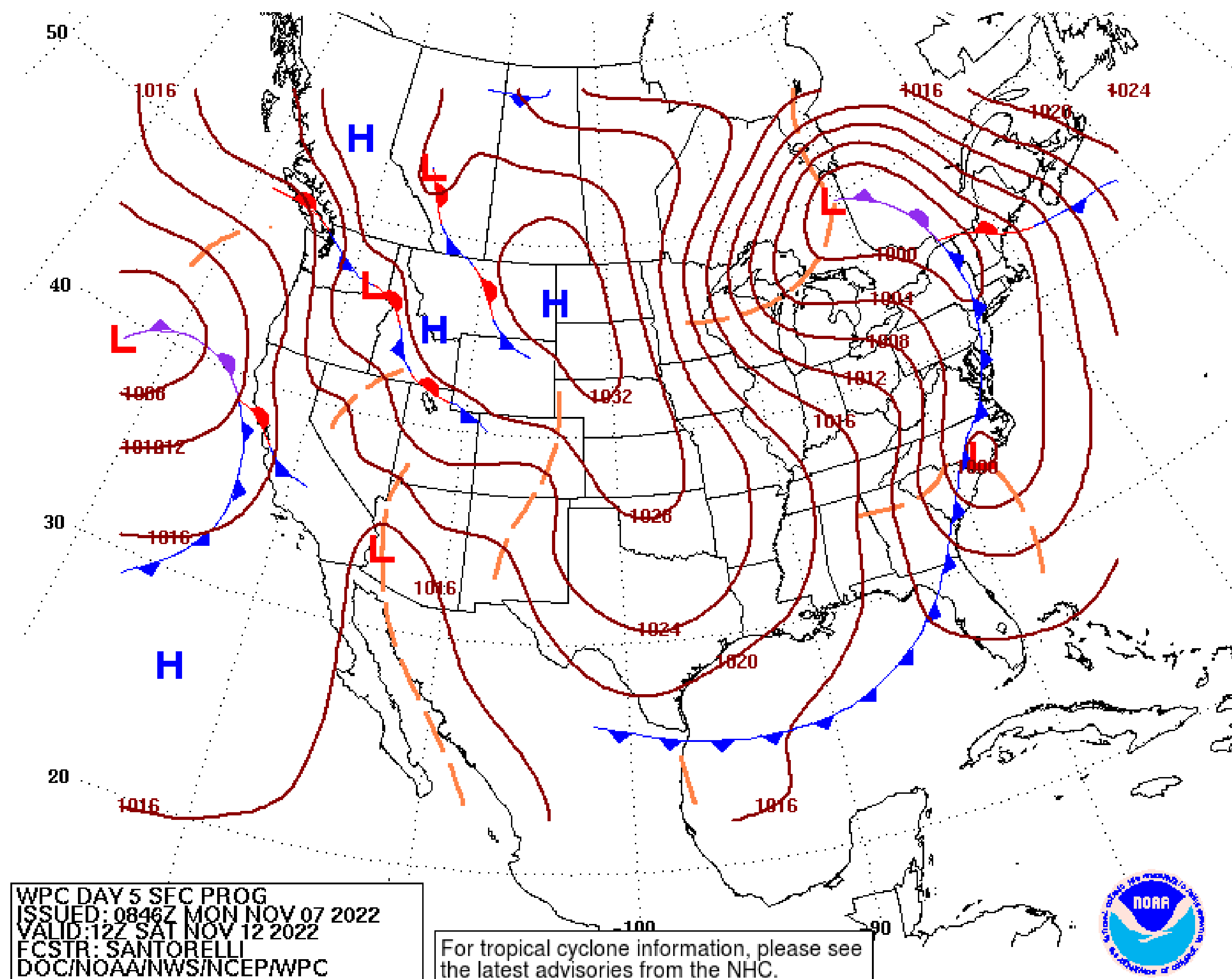




Current Forecasts

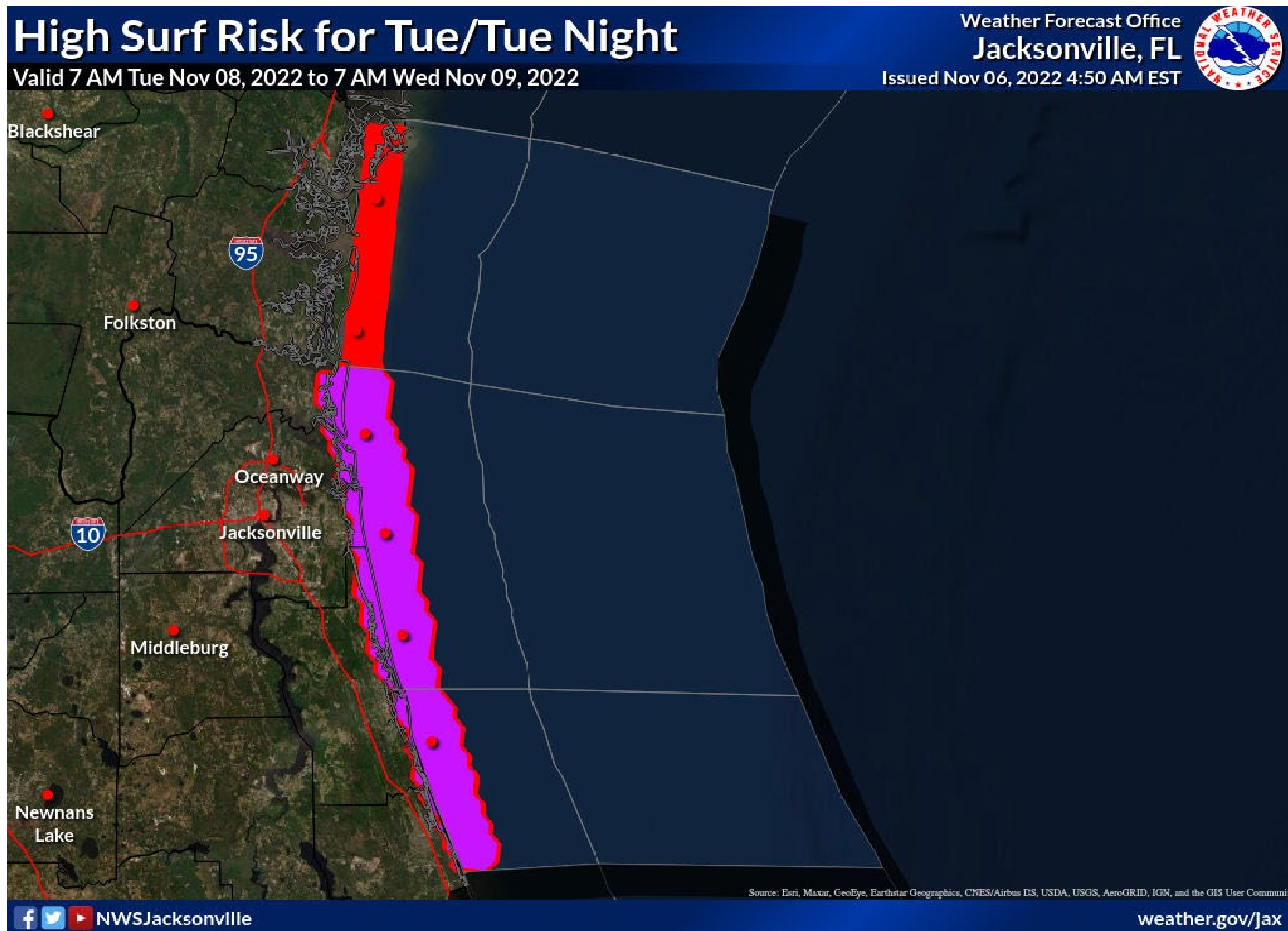
Low

- Forecast for Saturday morning Nov 12th
- Low pressure area will exit northeast of the area as a cold front sweeps east over the region
- **Still a lot of uncertainty on rainfall amounts. STAY TUNED!**





High Surf Threat / Potential Impact

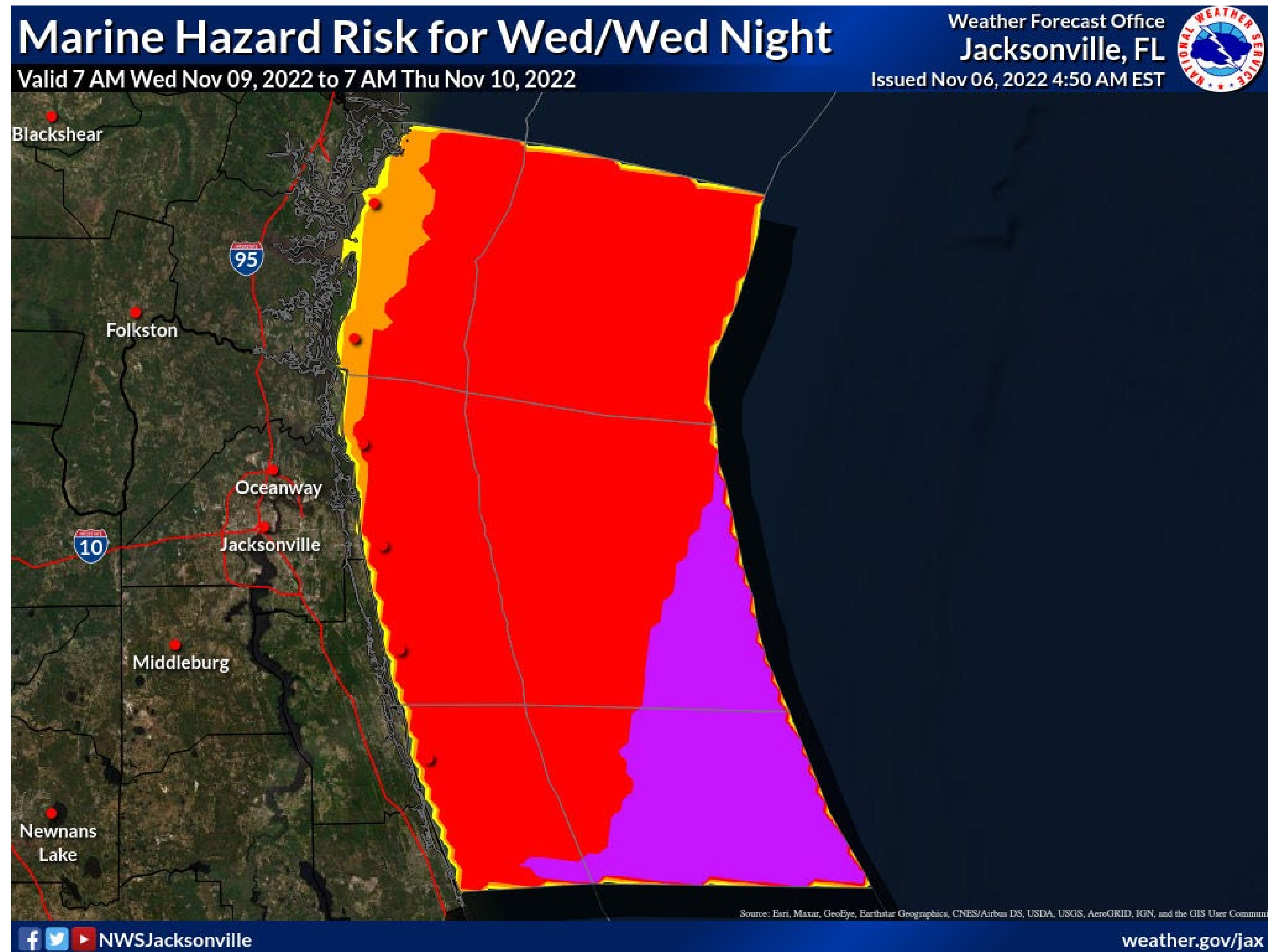


There is a potential for:

- Purple area denotes Large Breaking Waves and potentially extreme beach erosion, with Red area, large breaking waves and significant beach erosion
- Confidence on these beach hazards is moderate to high



Marine Hazard Threat / Potential Impact



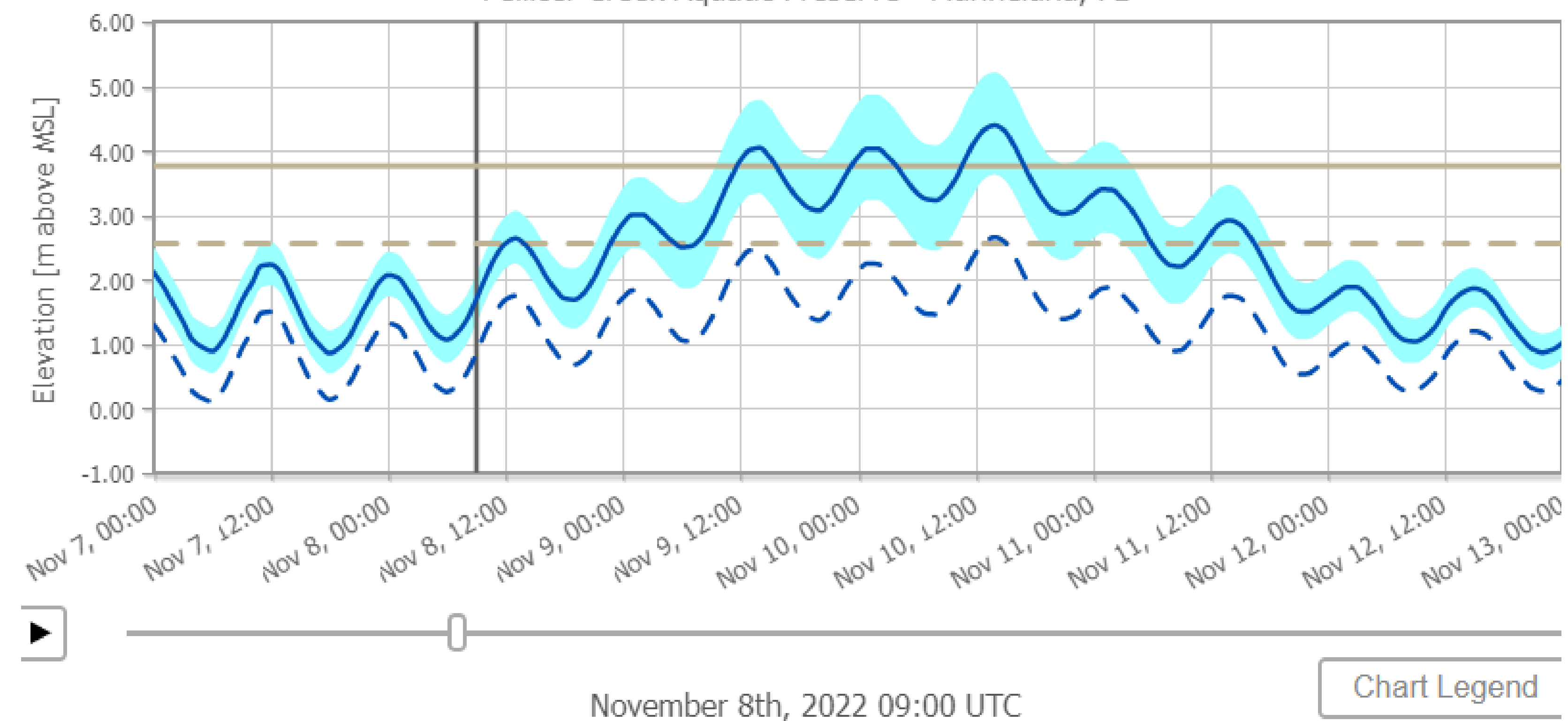
- Red and Purple areas denote winds over 40-50 mph in gusts and or seas of 12-20 feet.
- Confidence in realizing these wave heights is toward high
- Peak of high waves Wed-Thu



Coastal Flood Impact

For official forecast information visit the [National Weather Service](#).

Pellicer Creek Aquatic Preserve - Marineland, FL

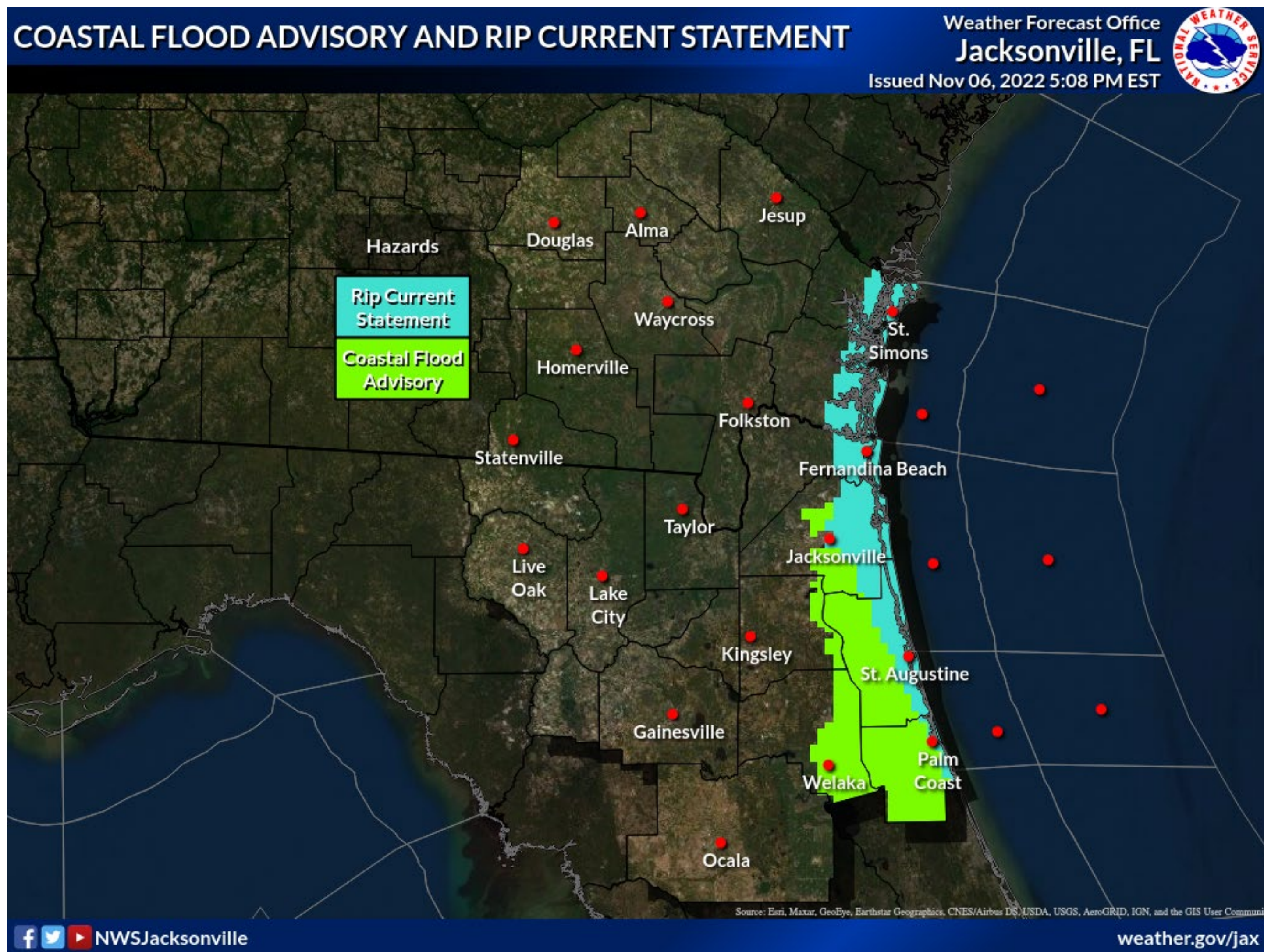


- Inundation at least 2 feet inundation, potentially near the 3-5 feet northeast FL
- Water levels could overtop height of dune crest in vulnerable areas



Weather Headlines

Northeast Florida & Southeast Georgia

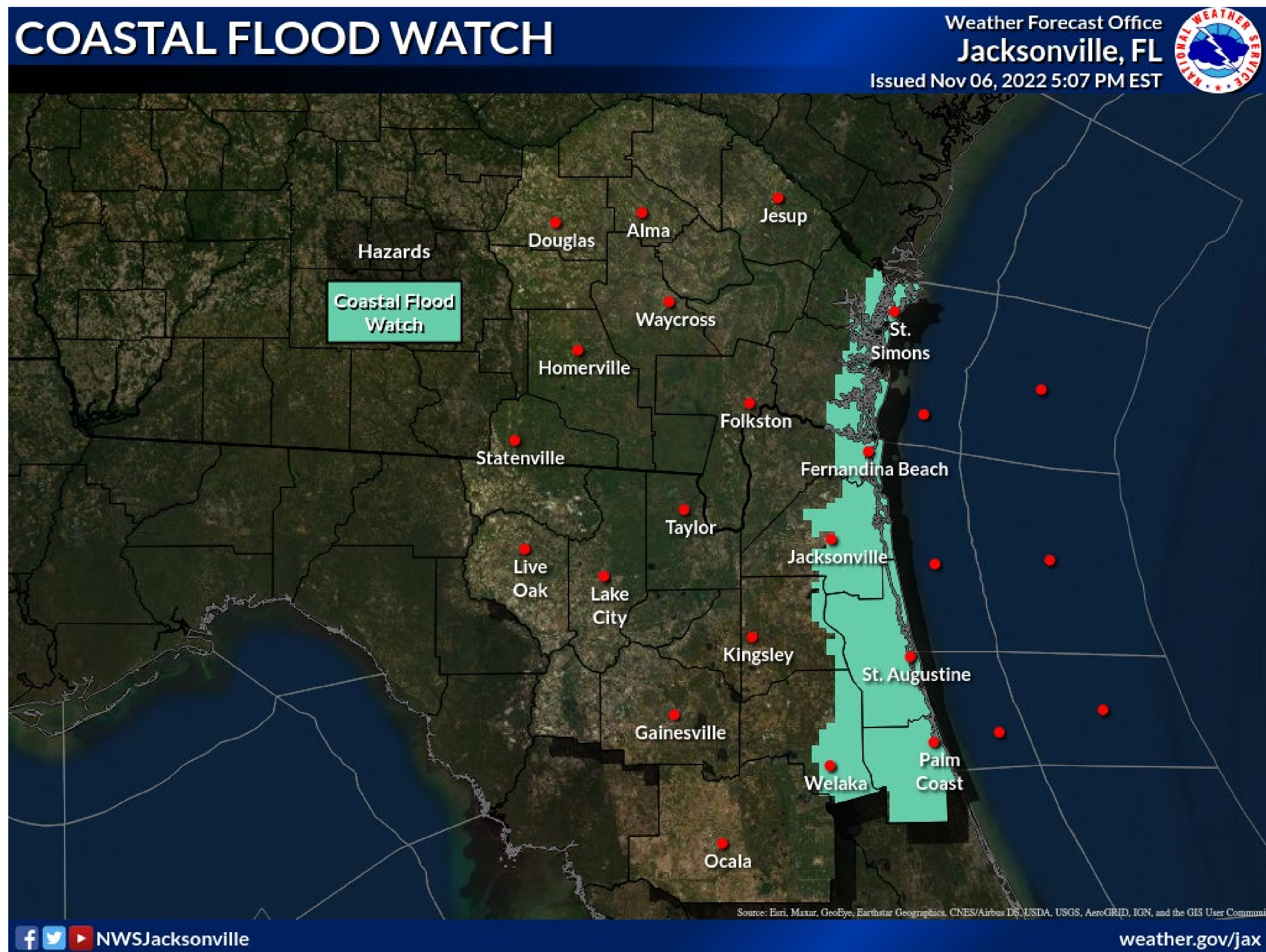


- **High Rip Current Risk will persist this week**
- **Coastal Flood Advisory continues for portions of the St Johns River into Monday night**



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Northeast Florida & Southeast Georgia

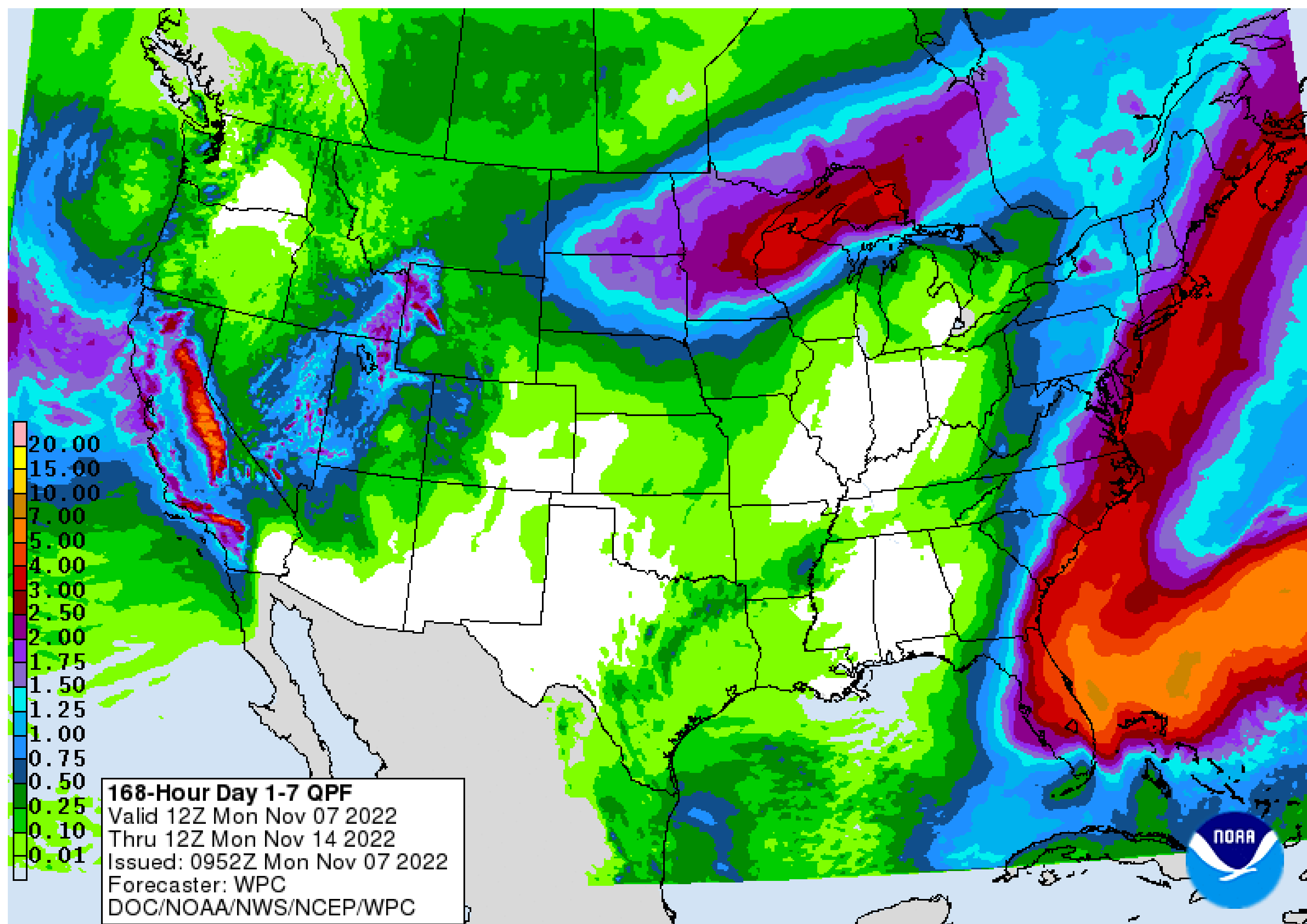


- Due to increased confidence on strong onshore winds, coastal flood watch in effect starting Tuesday morning
- Inundation of at least 2 feet Above Ground Level is expected



Forecast Storm Total Rainfall

Low



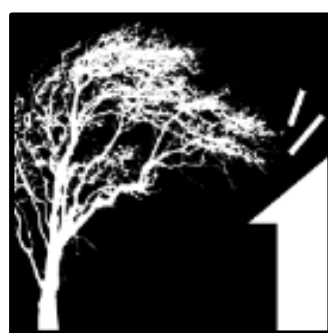
- Storm Total rainfall forecast valid through Sunday
- Coastal Areas 2-4 inches, lower further inland
- Locally, most rain will occur Wednesday-Friday

Note: There will likely be locally higher amounts

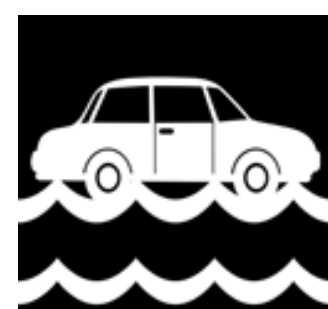


Key Take-Aways

Confidence is HIGH that the event will occur
Confidence is MODERATE-HIGH regarding impacts



Strong wind gusts expected, mainly along the coastal areas beginning Tuesday. Loose objects may be thrown around, some power outages possible



Some coastal flooding expected, potentially moderate to major levels. Typical areas, Summer Haven, St Augustine, Brunswick. Estimated potential for up to 3-5 feet AGL coastal flooding, more in the 1-3 feet St Johns River



Rainfall flooding possible, mainly eastern zones, mid week time frame. Worse flooding conditions in more flood prone areas, poor drainage and urban locations





Very dangerous marine conditions expected across the coastal waters, especially starting Tuesday and persisting through Friday


Interests along our coast should make sure they have their hurricane plan in place.




Next Briefing: Monday 1:20 PM EST

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For the latest graphics and information go to: www.hurricanes.gov or weather.gov/jax