

Weather Impact Overview

Southeast Georgia & Northeast Florida



Major Hurricane Ian Potential Impacts:



Tropical Storm Watches and Warnings in Effect for the Atlantic coast and portions of inland NE FL and SE GA



Strong tropical force winds with gusts to hurricane force possible



Storm Surge Watches and Warnings are in effect along the NE FL and SE GA coast, ICWW, and St. Johns River Basin



Life-threatening storm surge expected



Flood Watch in effect for much of NE FL and SE GA



Widespread flooding rainfall NE FL into SE GA will lead to extensive Flash Flooding potential



Moderate to Major Flooding for some NE FL Rivers later this week



Dangerous Marine/Coastal Conditions expected



High risk of rip currents, high seas/surf, TS winds



A Few to Several Tornadoes possible



Major Hurricane Ian Potential Impacts

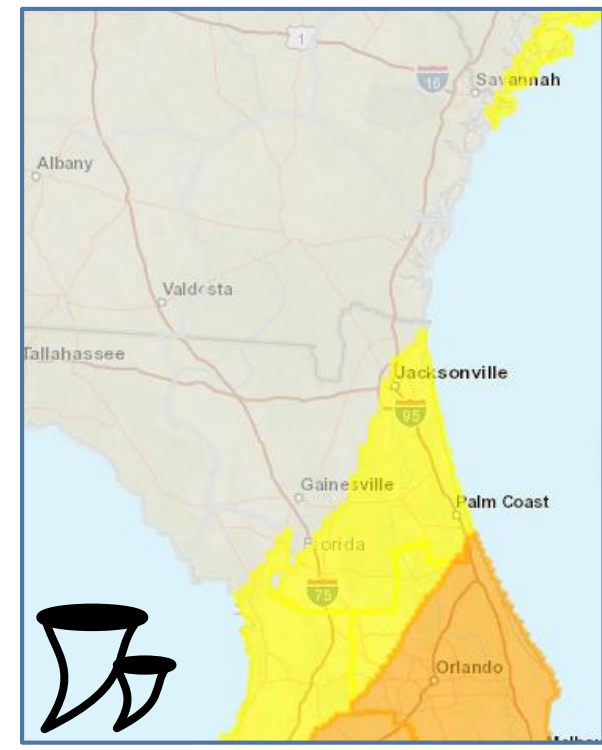
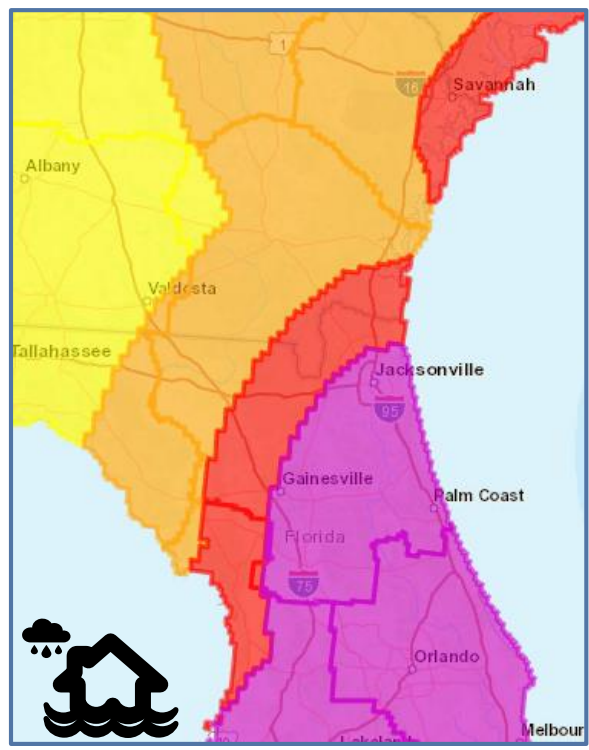
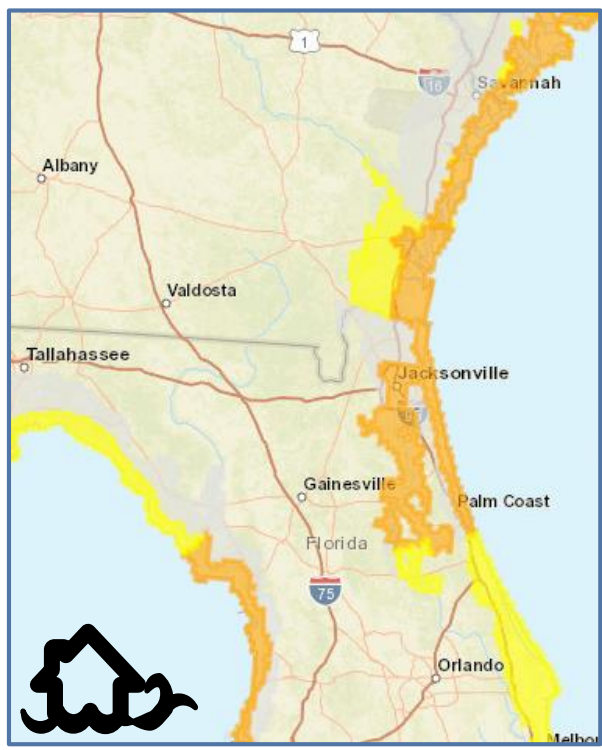
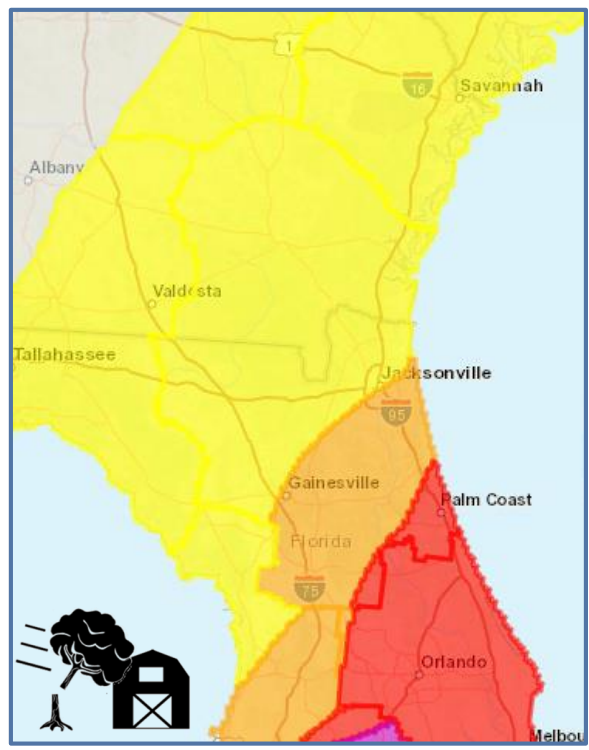
Wednesday 5 AM Update

Wind

Storm Surge

Flooding Rain

Tornado



Strong Tropical Storm Force winds with gusts to Hurricane Strength Possible.
Numerous fallen trees, power outages and damage to structures and mobile homes.

Life-threatening Storm Surge of 3-5 ft expected.
Greatest threat: Coastal SE GA, NE FL coast, ICWW, St. Johns River

Extensive and potentially extreme Flash Flooding and River Flooding.
Continuous Torrential Rainfall in Rainbands.

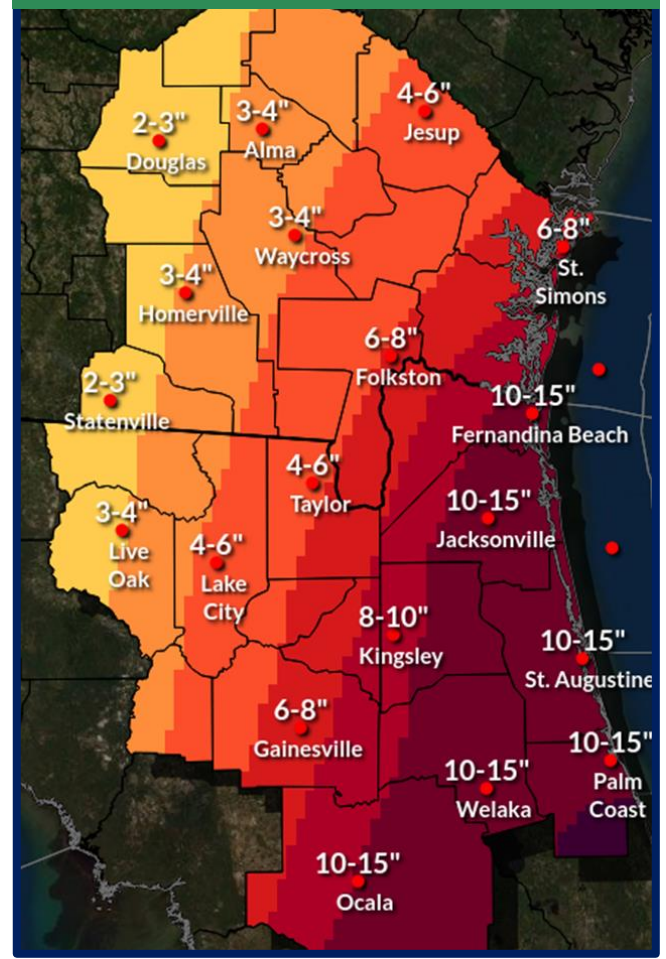
A Few to Several Tornadoes Expected.
Greatest threat: Coastal NE FL and North Central FL



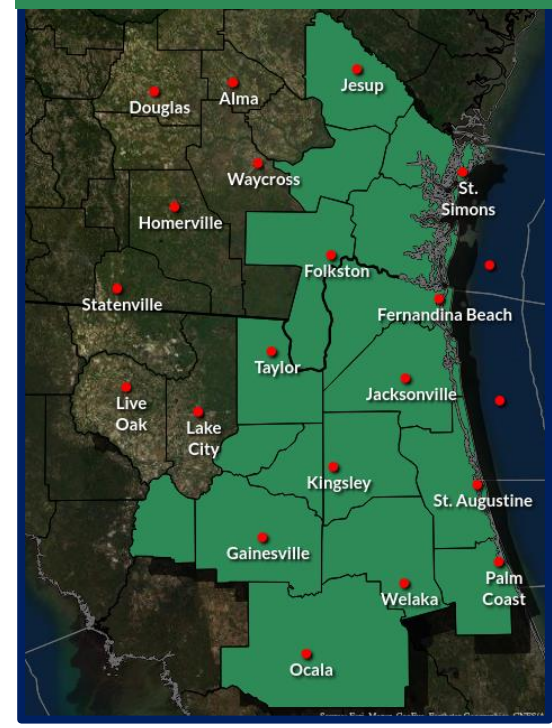
Extensive Flash Flooding Potential

Major Hurricane Ian

Storm Total Rainfall



FLOOD WATCH



Torrential rainfall in rainbands will move up from the south Today and continue into Friday leading to extensive Flash Flooding especially over NE FL.

Potential rainfall totals through Friday Night:

- NE FL: **6 to 15 inches, local 18 inch** rainfall amounts possible
- SE GA: **5 to 9 inches**, locally higher amounts possible
- Greatest amounts over North-central FL and Coastal NE FL

Moderate to major river flooding possible. Rivers and tributaries may overwhelmingly overflow their banks. Small streams, creeks, canals, and ditches may become dangerous rivers.

Driving conditions could become hazardous with heavy rainfall and flooded roads

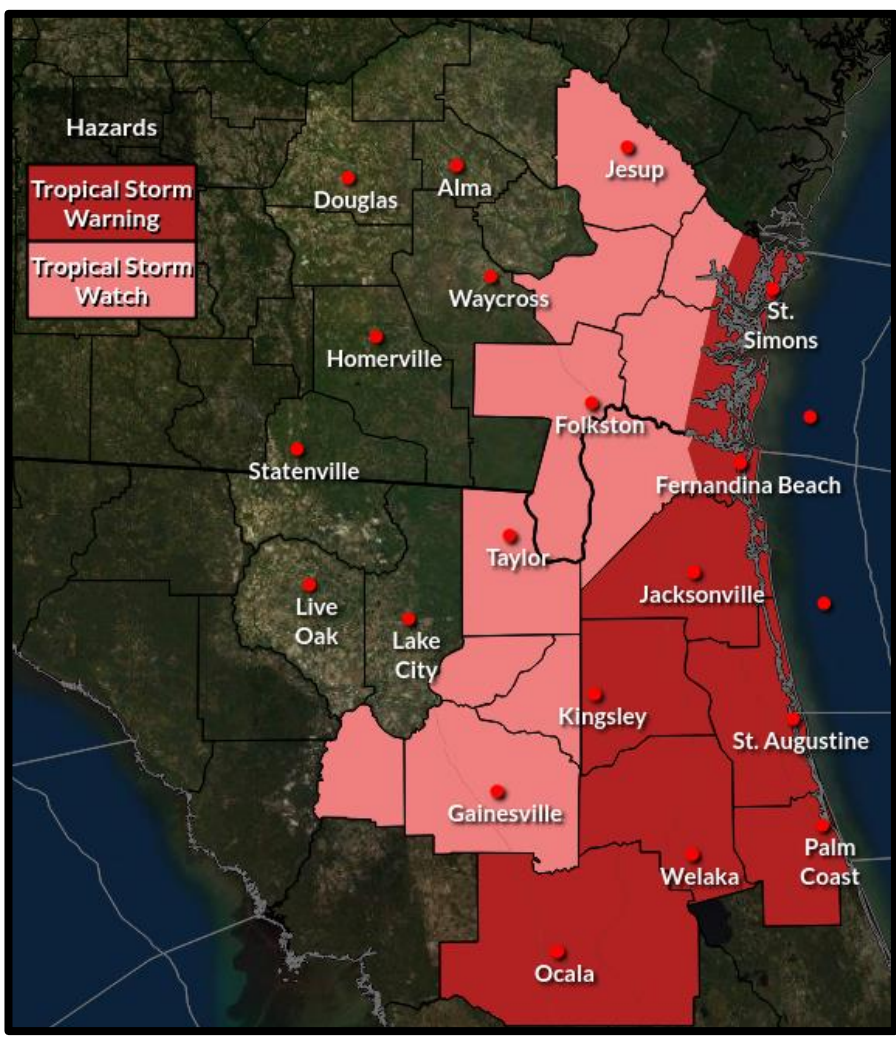
Flood waters can **enter numerous structures within multiple communities**, some structures becoming uninhabitable or washed away





Wind Potential

Major Hurricane Ian



Tropical Storm Watches and Warnings in effect for much of NE FL and SE GA

Strong Tropical Storm force winds will affect Atlantic coast and portions of inland NE FL and SE GA.



Gusts to Hurricane strength possible.



Locally higher winds expected over St. Johns River basin, along the coast and along bridges

Numerous downed trees, power outages and damage to structures and mobile homes possible



Marine and Beach Hazards

Major Hurricane Ian

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

About 3-5 ft of storm surge flooding will be possible along the immediate coast into low-lying spots, ICWW and into the St. Johns River basin.



Increasing northeasterly winds ahead of the storm will continue to trap tides in the St. Johns River and exacerbate surge flooding.

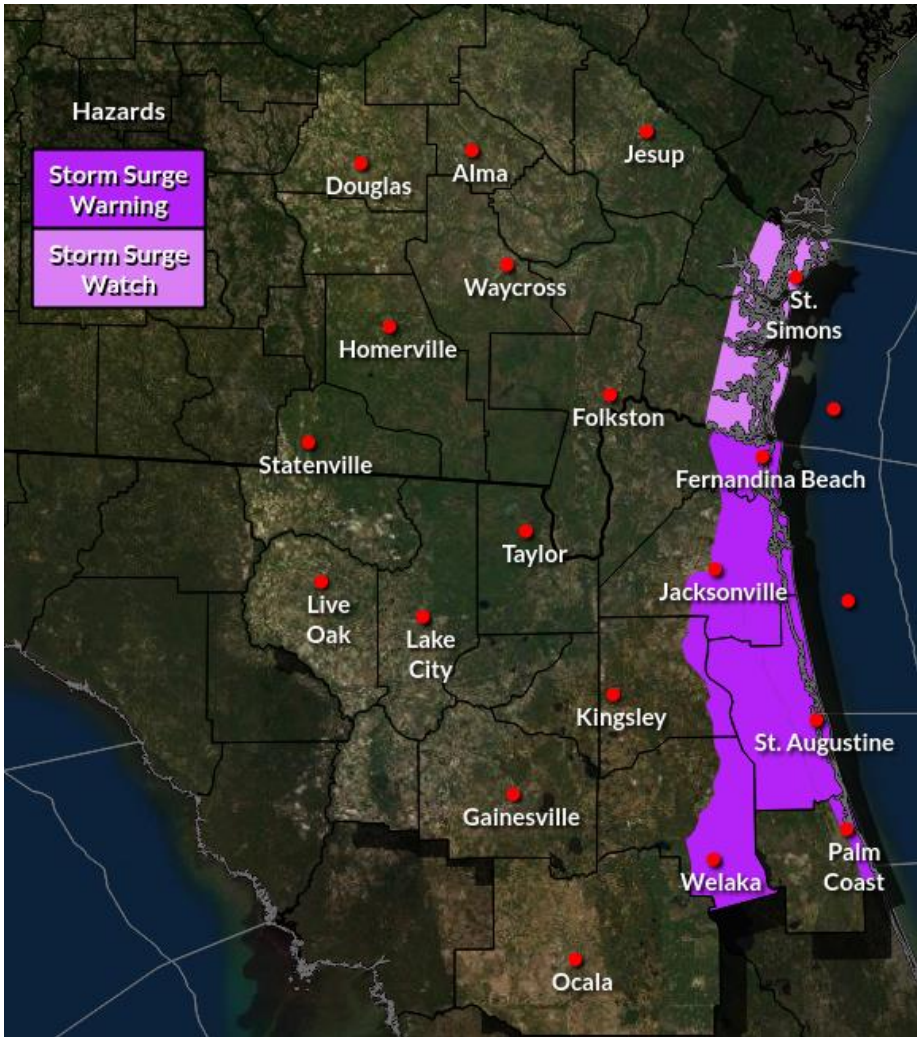


High risk of rip currents for NE FL and SE GA coasts

Moderate to major beach erosion

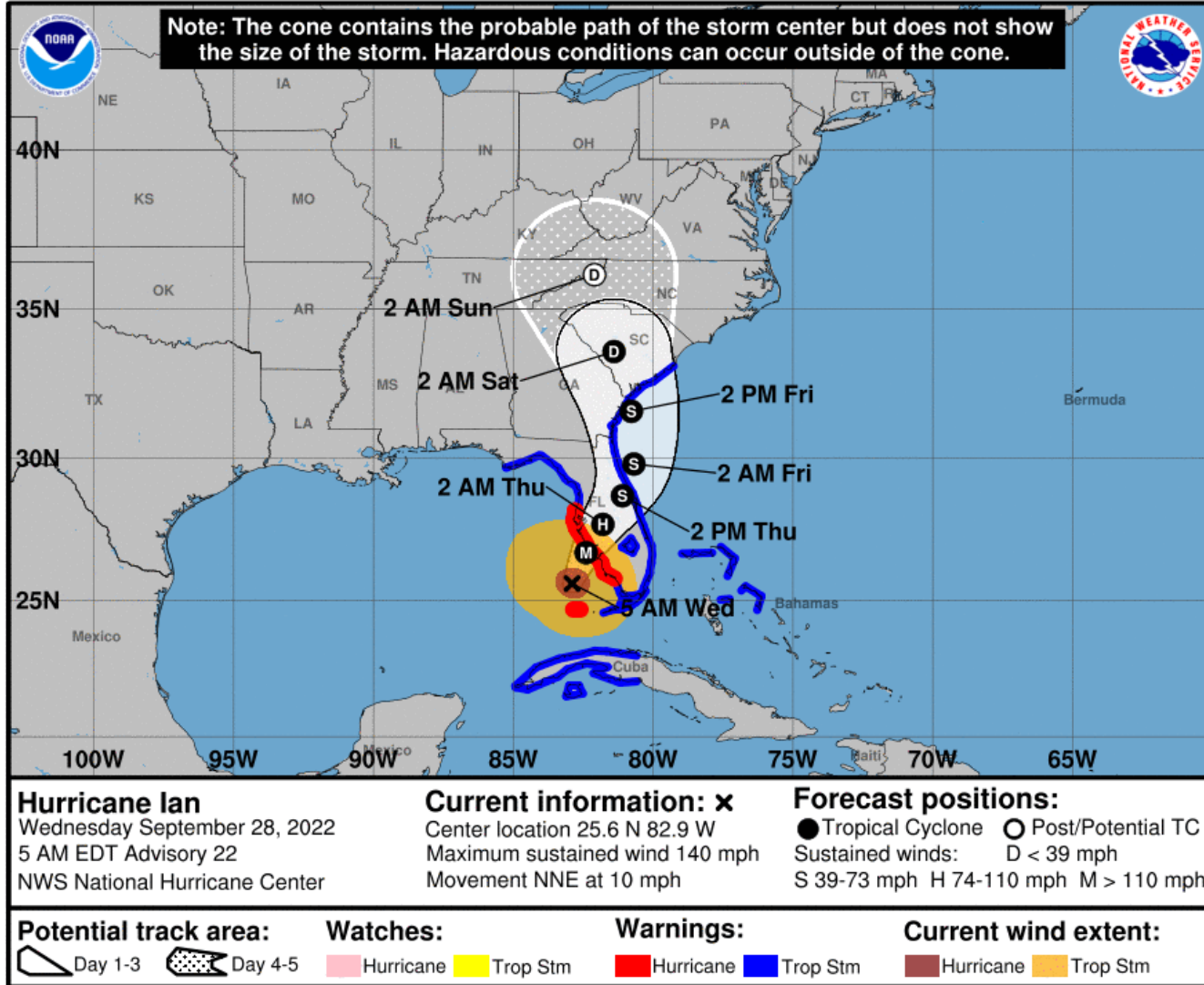


Dangerous Boating conditions with tropical storm force winds over the Atlantic waters



Major Hurricane Ian

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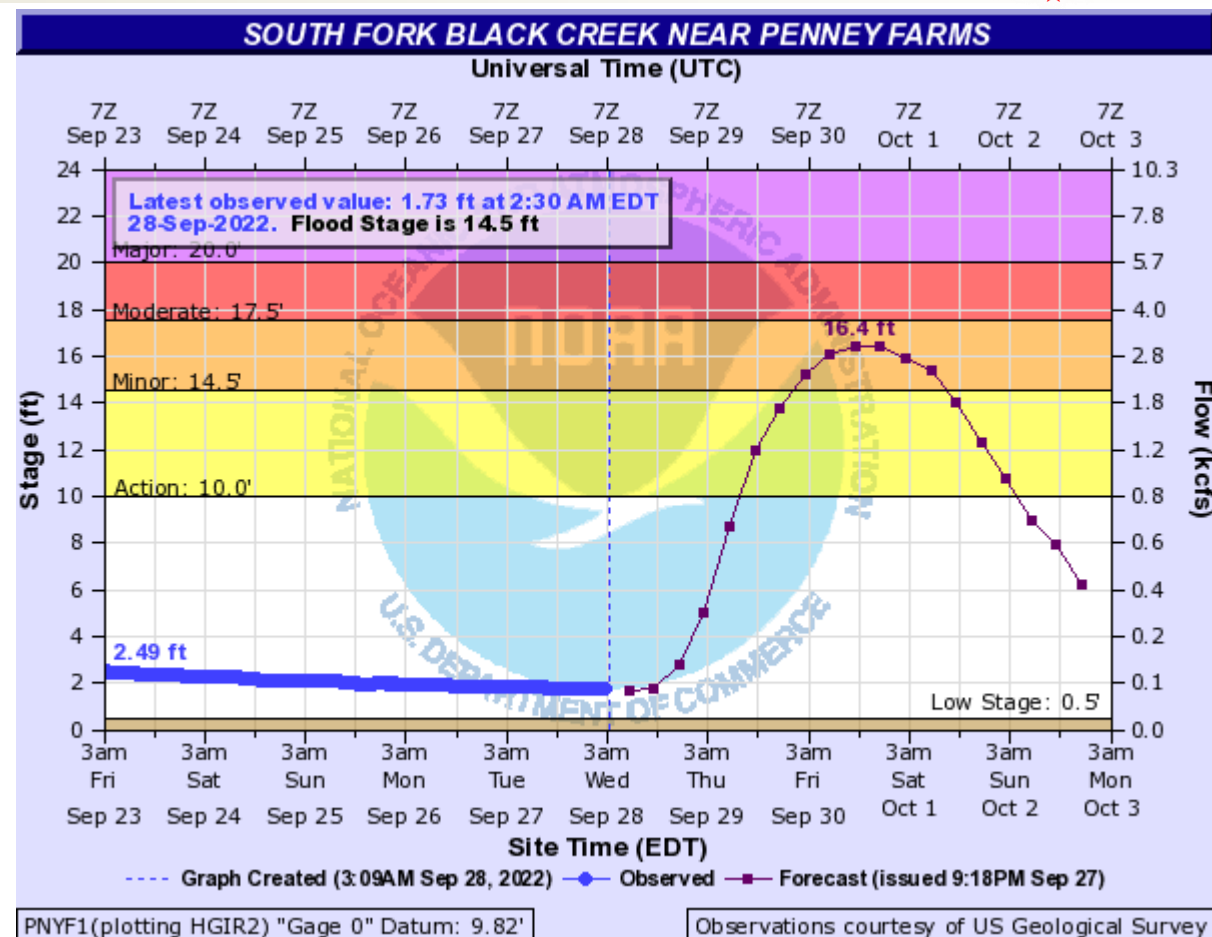
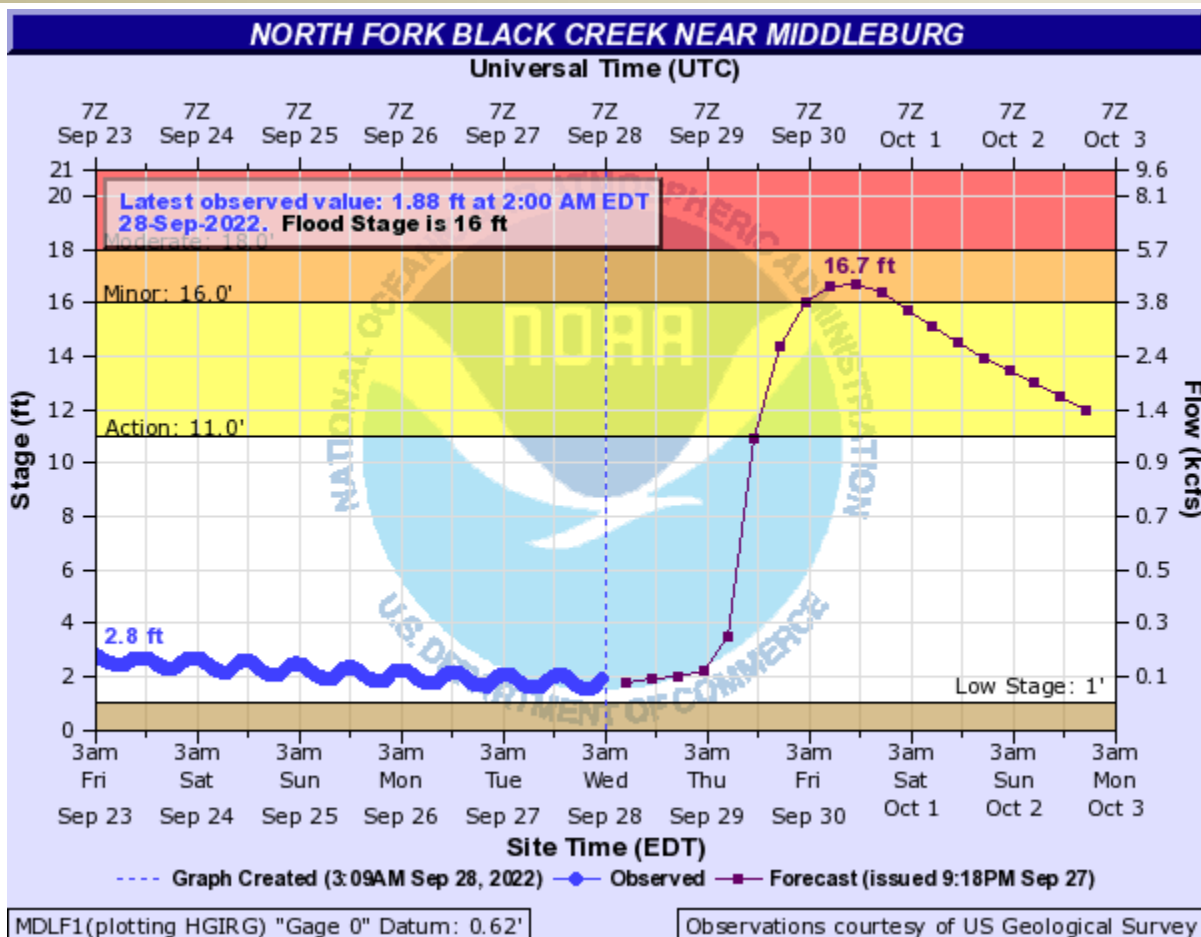


- Coastal & Marine Impacts Expected
Wednesday through Friday: storm surge, Tropical Storm force winds, beach erosion & bands of heavy rainfall
- Inland Potential Threats: Heavy Rainfall, Flash Flooding, River Flooding, Isolated tornadoes
- Potential for Tropical Storm force winds beginning Today. Potential for Hurricane force wind gusts possible on Thursday.
- Continue to monitor the latest NHC forecasts & finish up preparedness and plans

Anticipated Black Creek Flooding

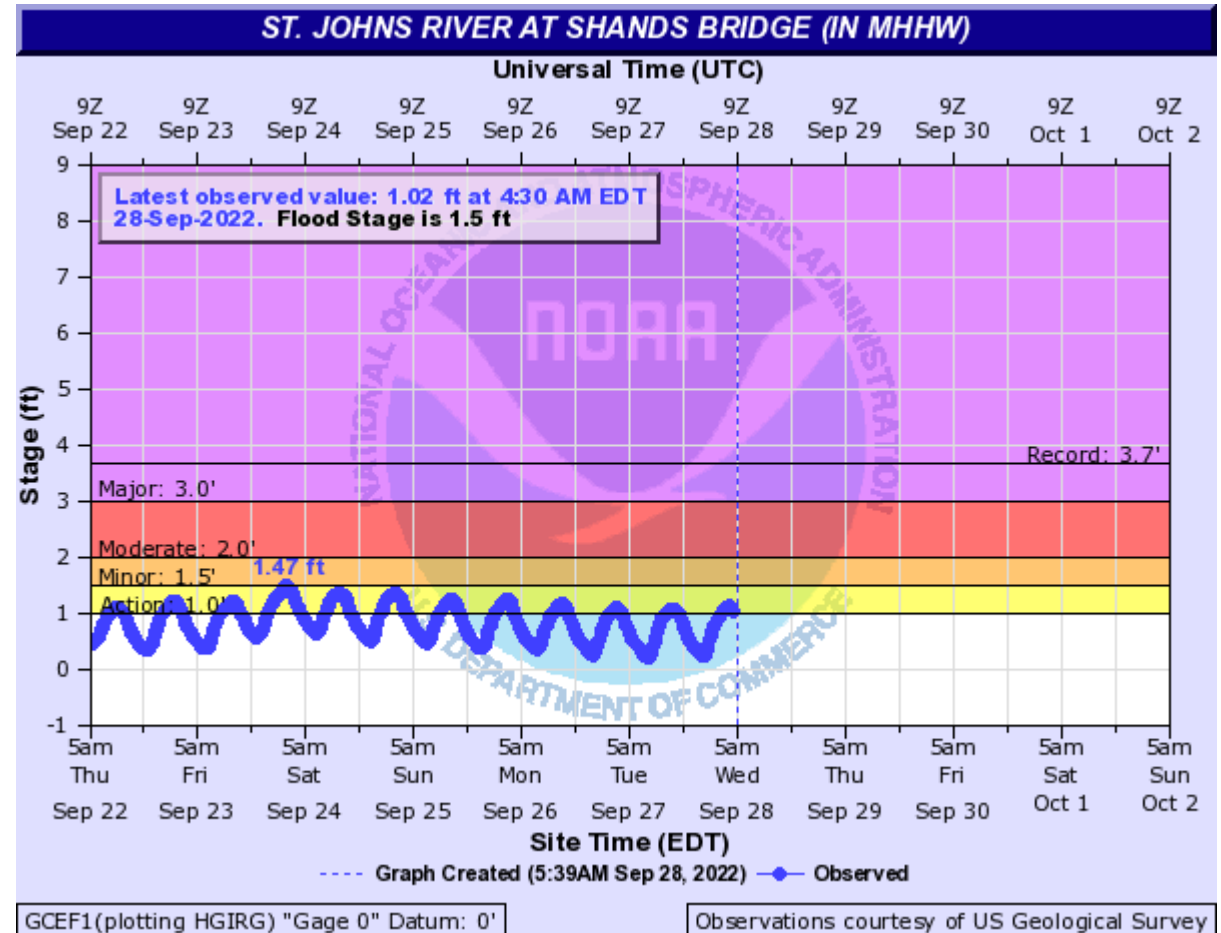
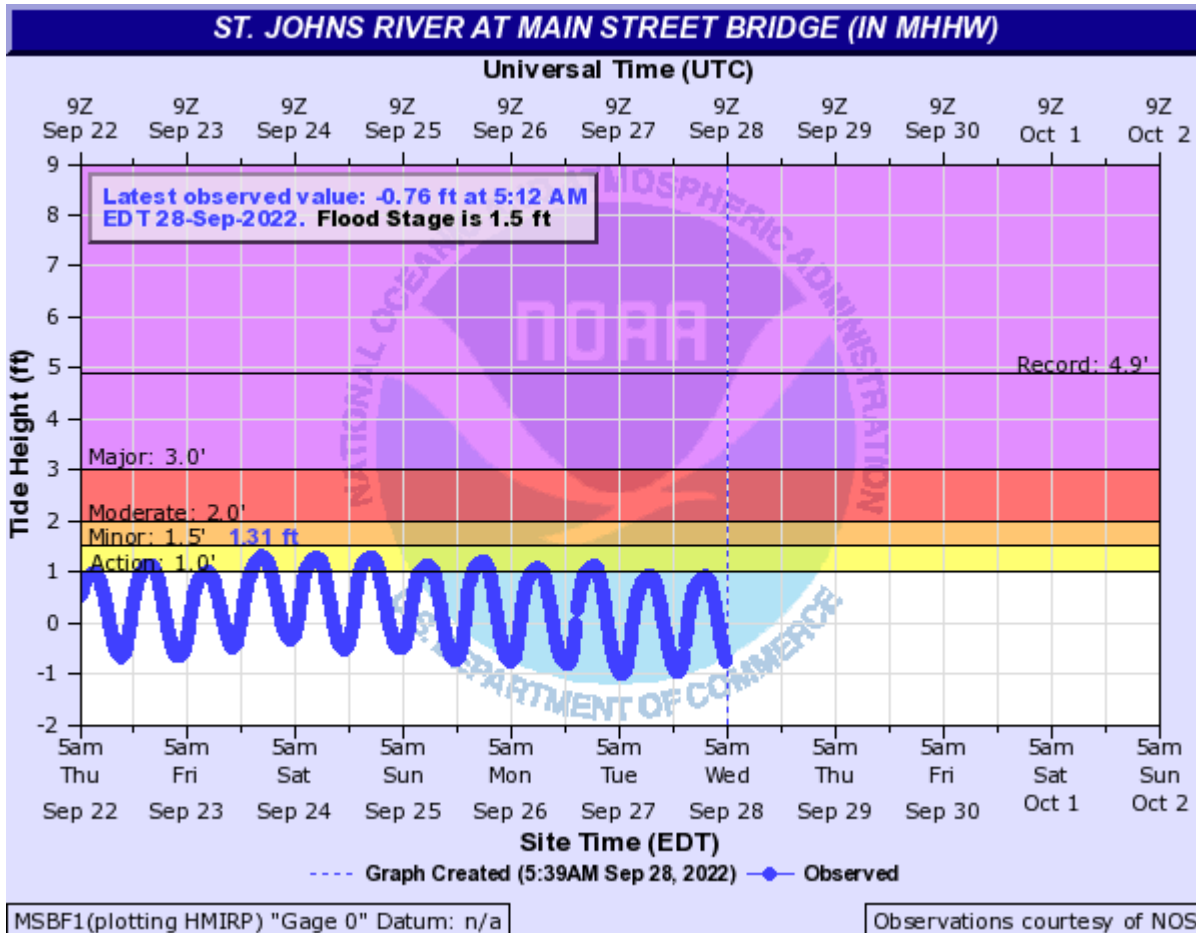


Major Hurricane Ian



- The Black Creek forecast will likely go substantially above minor flood stage late this week.
- This forecast only captures half of the storms rainfall, with 6 to 12 inches of rain expected Wednesday through Friday with local amount of a 18 inches possible. The creeks will likely crest at moderate to major flooding levels.

St. Johns River Tidal Flooding



- Trapped Tides in St. Johns River from Downtown JAX to Lake George
- High tides already in Action to near Minor Flood Stage in St. Johns River Basin Early This Week
- Combo of elevated tides + surge + heavy rainfall = Flooding Threat St. Johns Basin

