



Tropical Storm Idalia Briefing

for northeast South Carolina and southeast North Carolina

8:30 AM EDT

Monday August 28, 2023

What has changed:

- Added situation and threat level matrices
- Added Severe Weather Outlook graphics for tornado threat
- Included River Flooding bullet



Situation Overview






Tropical Storm Idalia

- Idalia is expected to become a hurricane today while moving north across the northwest Caribbean Sea and eastern Gulf of Mexico. After landfall in Florida late Tuesday night or early Wednesday, Idalia should move near the Georgia and South Carolina coast Wednesday into Thursday.
- Depending on the track Idalia takes, potential impacts include:
 - Heavy rainfall, potentially causing flooding
 - Gusty winds exceeding 39 mph (tropical storm force)
 - Rip currents at the beaches (Strong rip currents expected from Franklin too)
 - Isolated tornadoes or waterspouts
 - Large seas across the coastal waters



Situation Overview

Tropical Storm Idalia

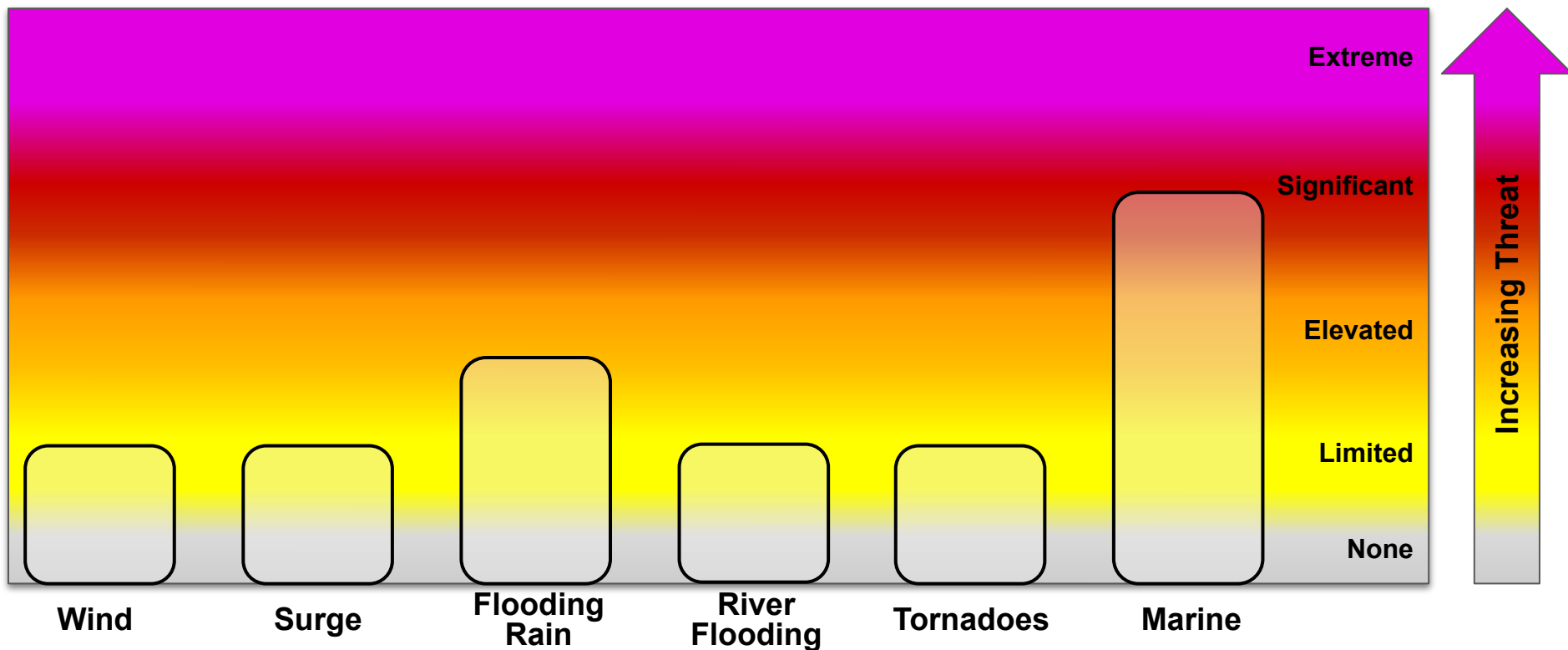
Hazard	Impacts	Location	Timing
 Wind	Some downed trees possible, along with scattered power outages	Coastal Long Bay counties have highest potential for tropical storm force winds at this time	Wed night into Thu
 Storm Surge & Inundation	Surge inundation of 1-2 feet possible, especially across prone low lying areas	Coastal Long Bay counties have the highest potential for some surge impacts at this time	Each high tide Wed into Thu
 Flooding Rain	Some flooding of prone low-lying areas is expected	Areas in southeast NC and northeast SC have the potential for flooding	Wed into Thu
 Tornado	A few tornadoes and waterspouts are possible	Areas in southeast NC and northeast SC have the potential for a few tornadoes	Wed into Thu morning
 Marine	Rough seas are expected from the combined swells from Franklin and waves generated by Idalia	All coastal and offshore waters	Tue through Thu



Threat Levels

Tropical Storm Idalia

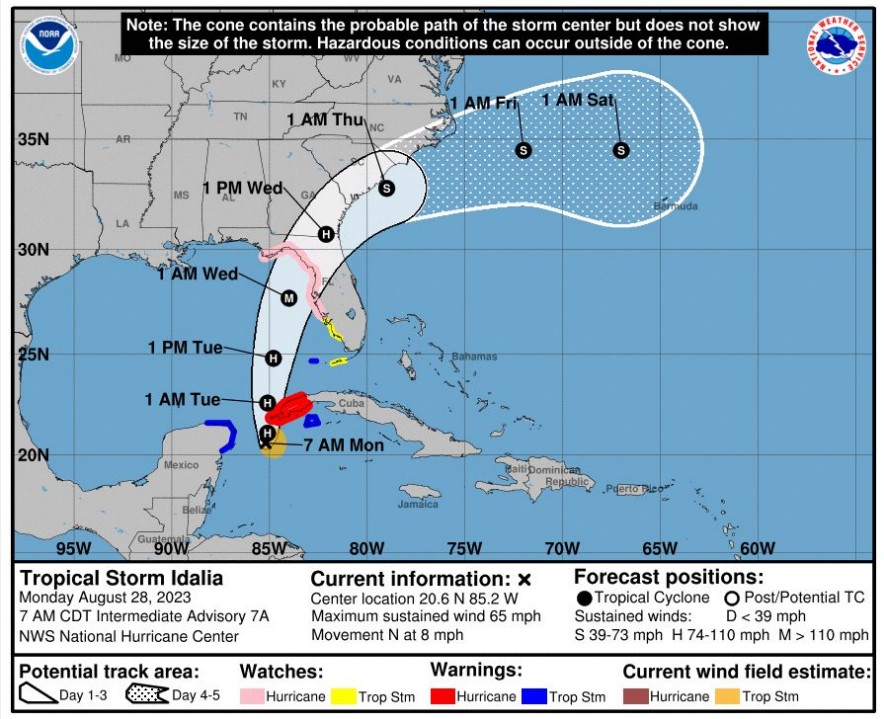
For information on specific hazards in this area, please go to: <https://www.weather.gov/ilm/tropical>





Situation Overview

Tropical Storm Idalia



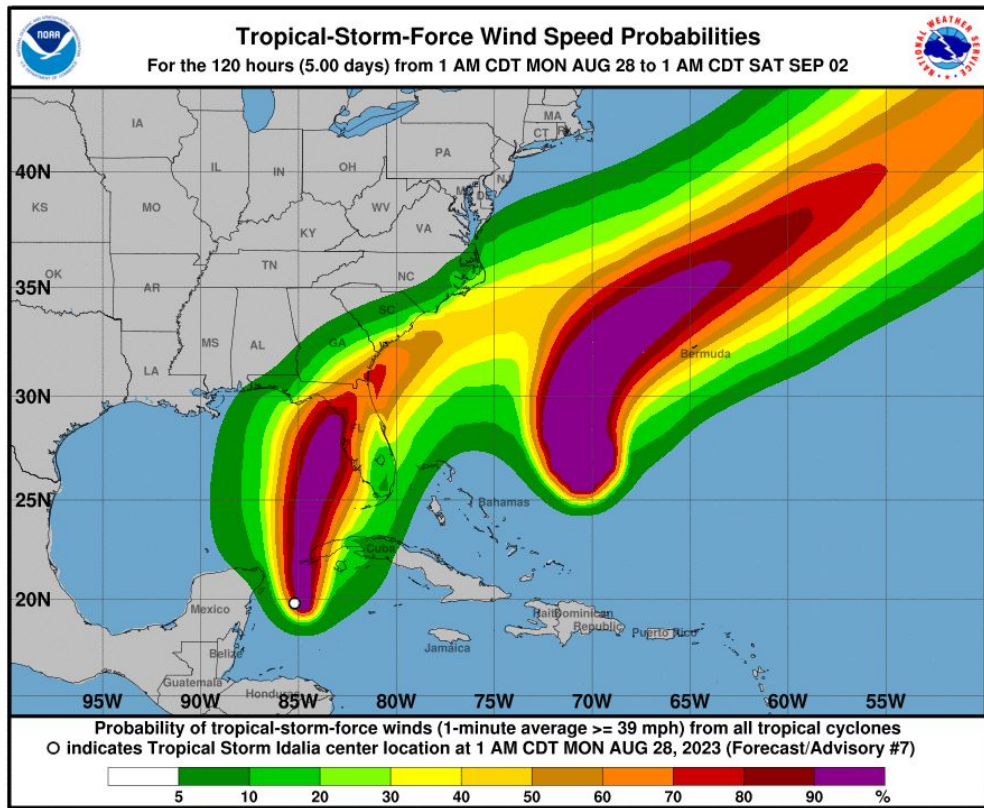
NOTE: Do not focus on the exact track.
Impacts can occur well outside the area enclosed by the cone.

- Idalia is approaching hurricane strength, and may make landfall as a major hurricane along the west coast of FL.
- No tropical storm watches or warnings are in effect for the Carolinas at this time.



Tropical Storm Wind Speed Probabilities

Tropical Storm Idalia



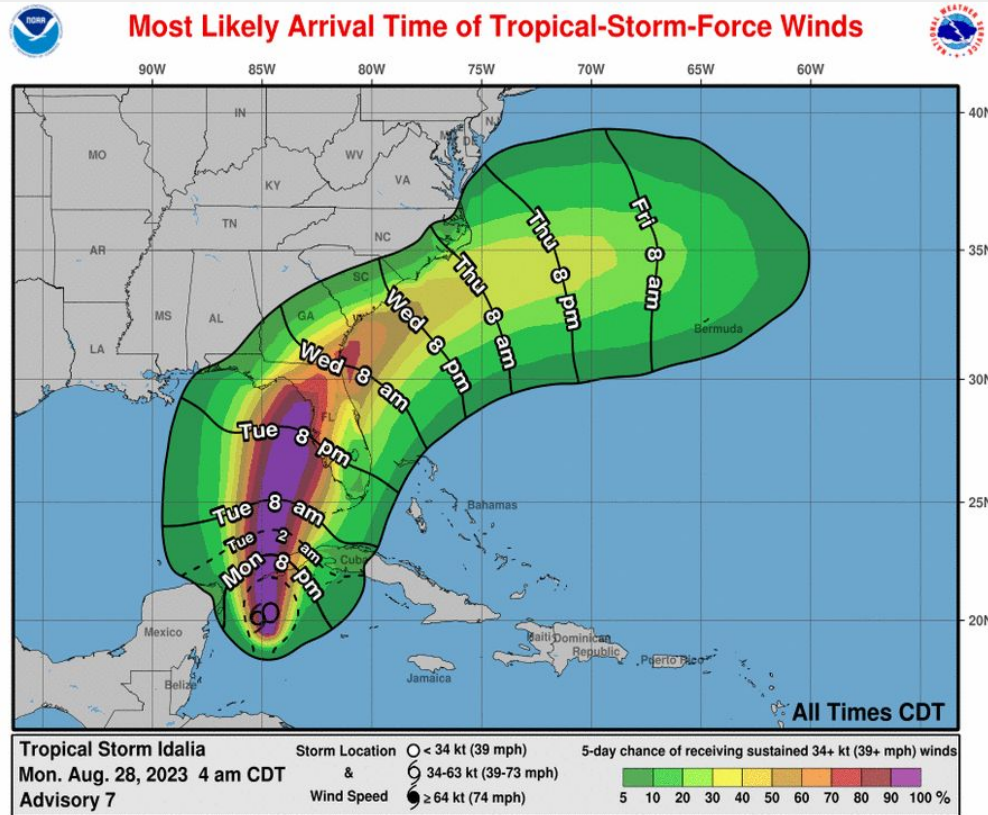
Idalia may bring tropical storm force winds (39 mph or greater) to portions of the Carolinas.

- Chances for tropical storm force winds are about 1 in 10 along the I-95 corridor.
- Chances for tropical storm force winds are about 3 to 4 in 10 along the coast, especially the Long Bay coastal areas.
- Impacts from Idalia are most likely to occur Wednesday afternoon into Thursday.



Most Likely Time of Arrival

Tropical Storm Idalia

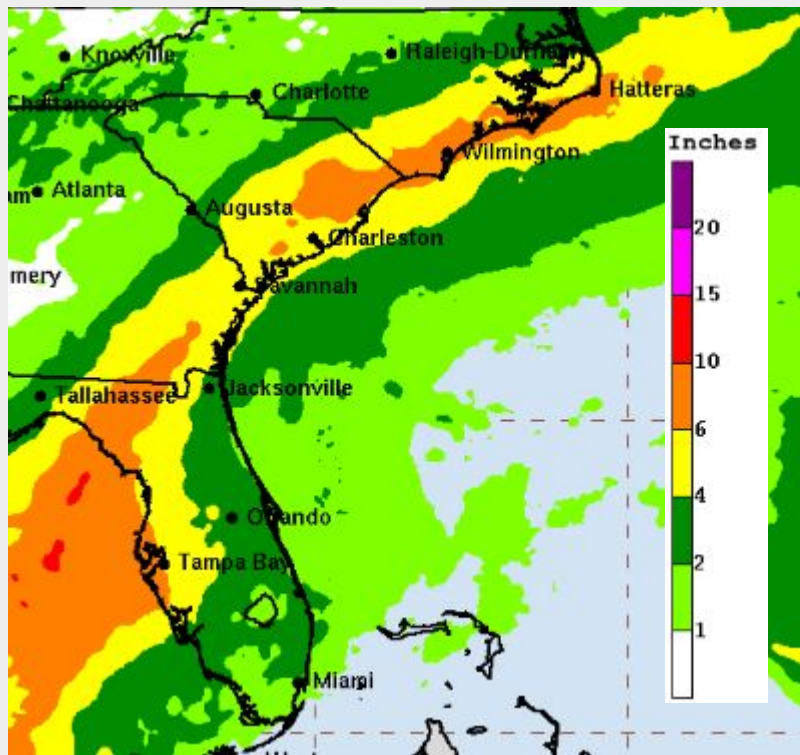


- The most likely time of arrival of Tropical Storm force winds for the eastern Carolinas is Wednesday evening.



Expected Storm Total Rainfall

Tropical Storm Idalia



Rainfall forecasts continue to show the potential for heavy rainfall associated with Idalia.

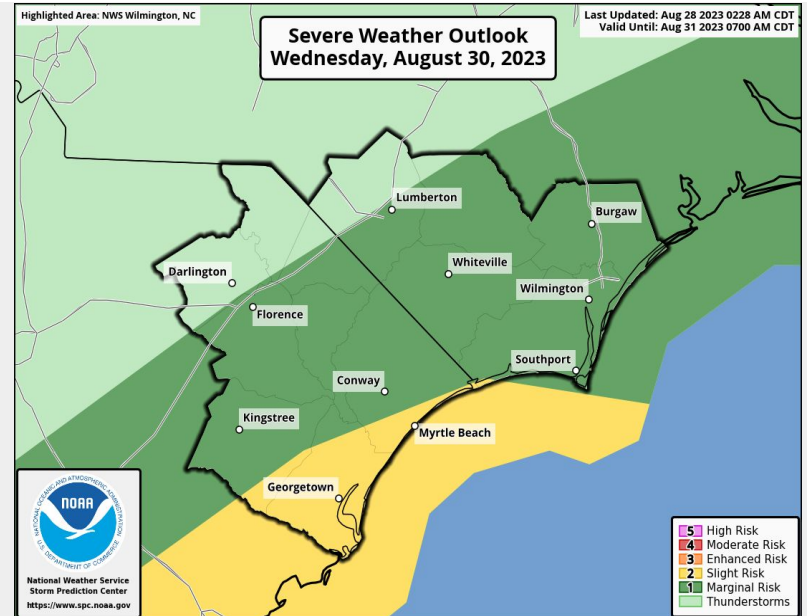
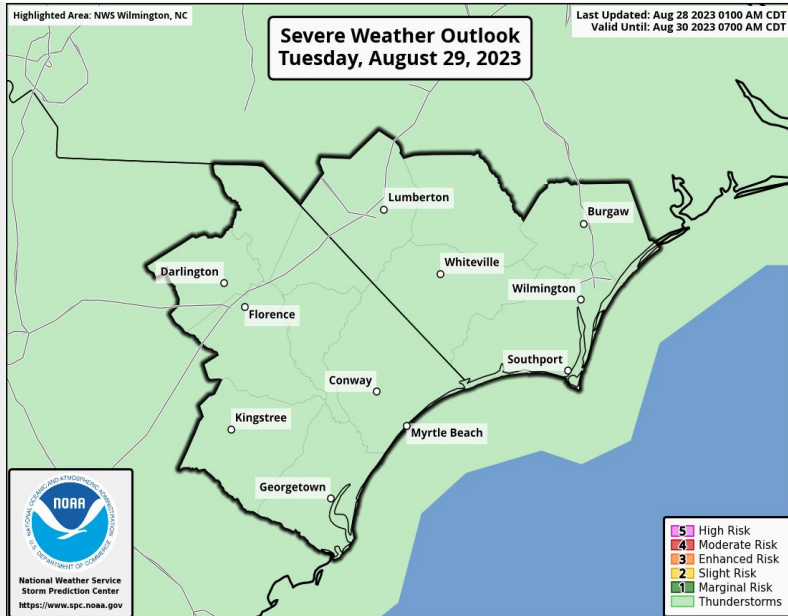
- Inland along the I-95 corridor, 3 to 6 inches of rain is forecast.
- Along the coast, 6 to 8 inches of rain is possible, which could lead to flash flooding.
- Rainfall will increase across the area during Wednesday, with the heaviest amounts expected Wednesday night into Thursday.



Tornado Potential

Tropical Storm Idalia

- Main threat of tornadoes would be Wednesday, then the threat will shift toward the northeast by Wednesday evening.



Last updated: 8/28/2023 8:00 AM EDT

National Weather Service - Wilmington, NC



Key Take-Aways

Tropical Storm Idalia

Confidence is moderate regarding the evolution of the event, and confidence is moderate regarding impacts.



- Impacts are highly dependent on the track and strength of the system. However, significant wind impacts are not expected based on the current forecast.



- While some surge inundation is possible, especially around each high tide Wed into Thu, we are not expecting significant surge related impacts at this time.



- Heavy rain is likely with Idalia, and this may lead to some flash flooding. Flooding in urban areas is likely as well with a more widespread threat of ponding on roadways.



- Despite a relatively dry August over parts of the area, minor to moderate river flooding is also possible later this week into the weekend.



- Isolated tornadoes are possible as Idalia approaches our area and like the other hazards, the tornado threat is highly dependant on the track Idalia takes.
- Dangerous marine conditions are expected across the coastal and offshore waters. In addition, the waves from Franklin will enhance the risk for dangerous, life-threatening rip currents.



Local Resources

Tropical Storm Idalia

Next Briefing:
Monday Aug 28, 2023 @ 6:00 PM EDT
Method: Email



Web: <https://www.weather.gov/ilm/>



Phone: 910-762-4289



E-mail: nws.ilm.operations@noaa.gov



Facebook: [NWSWilmingtonNC](#)



Twitter: [NWSWilmingtonNC](#)



YouTube: [NWSWilmingtonNC](#)