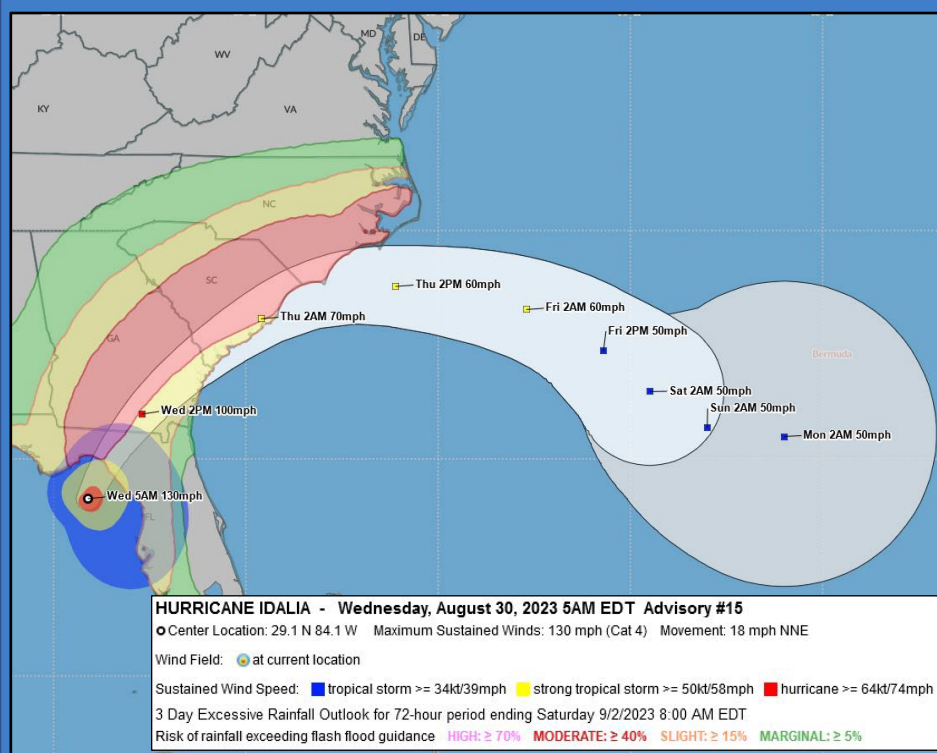




Hurricane Idalia

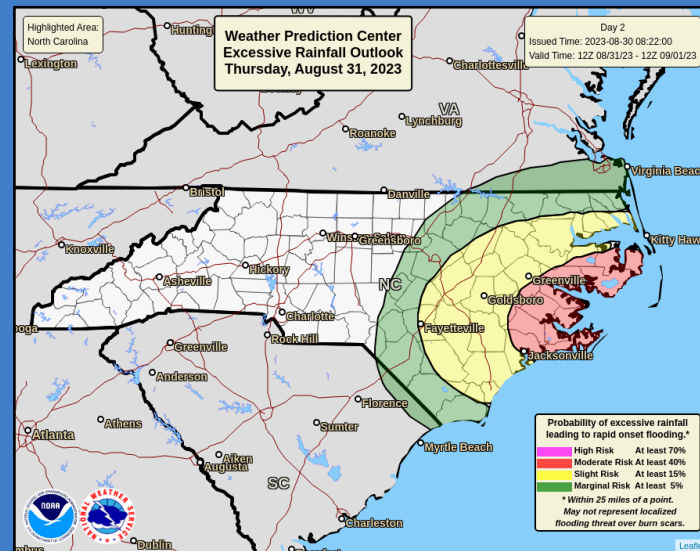
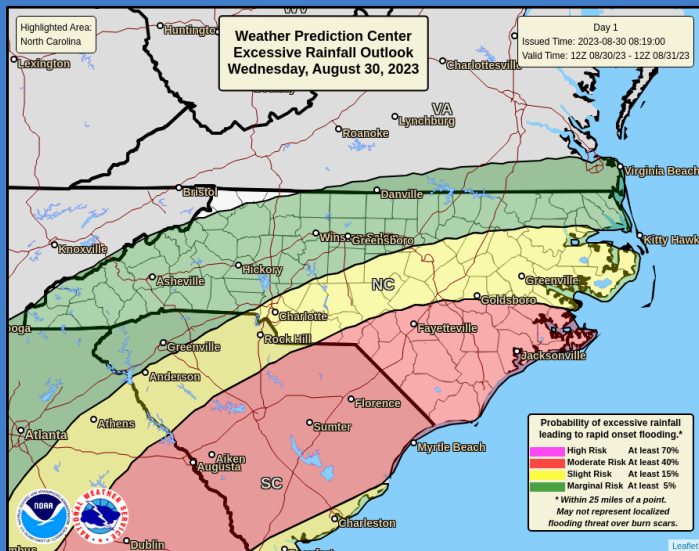
National Hurricane Center - 5AM August 30, 2023



- A Tropical Storm Warning is now in effect for the entire NC coast including the Pamlico and Albemarle Sounds.
- A Storm Surge Watch is in effect for Beaufort Inlet to Ocracoke Inlet, and along the Neuse and Pamlico Rivers.
- The forecast cone is not an impact cone, and hazards will extend far from the center of the storm. Areas shaded in red, yellow, and green have a flash flooding threat through tomorrow.



Wednesday - Thursday Flash Flooding Potential



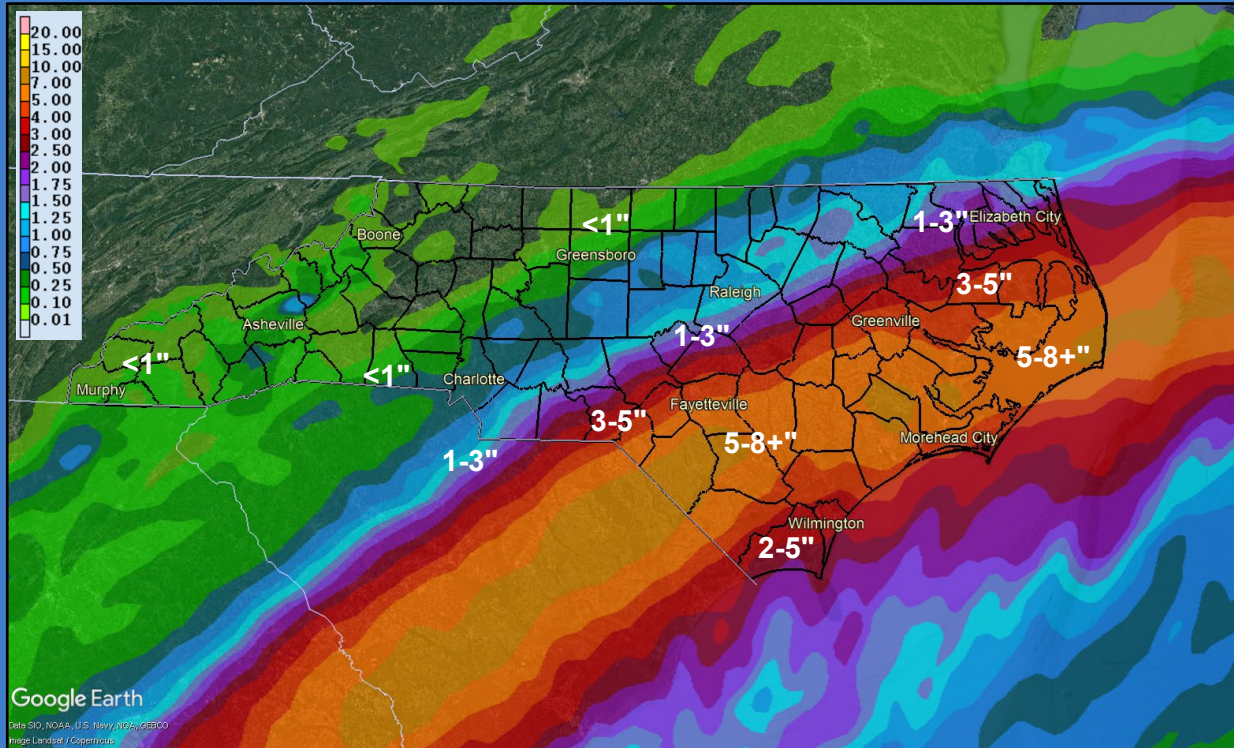
- Scattered flash flooding will be possible in areas along and southeast of the I-85 corridor. The greatest flooding risk will be across southeastern NC tonight and across central portions of the coast tomorrow, where numerous areas of flash flooding are likely.

No Area/Label	MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.	Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
	Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding, could. Lives and property in greater danger.
@NWSWPC				
Flash flooding near me?	Flash Flooding	Flash Flooding	Flash Flooding	Flash Flooding
	NO Flash Flooding	NO Flash Flooding	NO Flash Flooding	NO Flash Flooding



48-Hour Rainfall Forecast

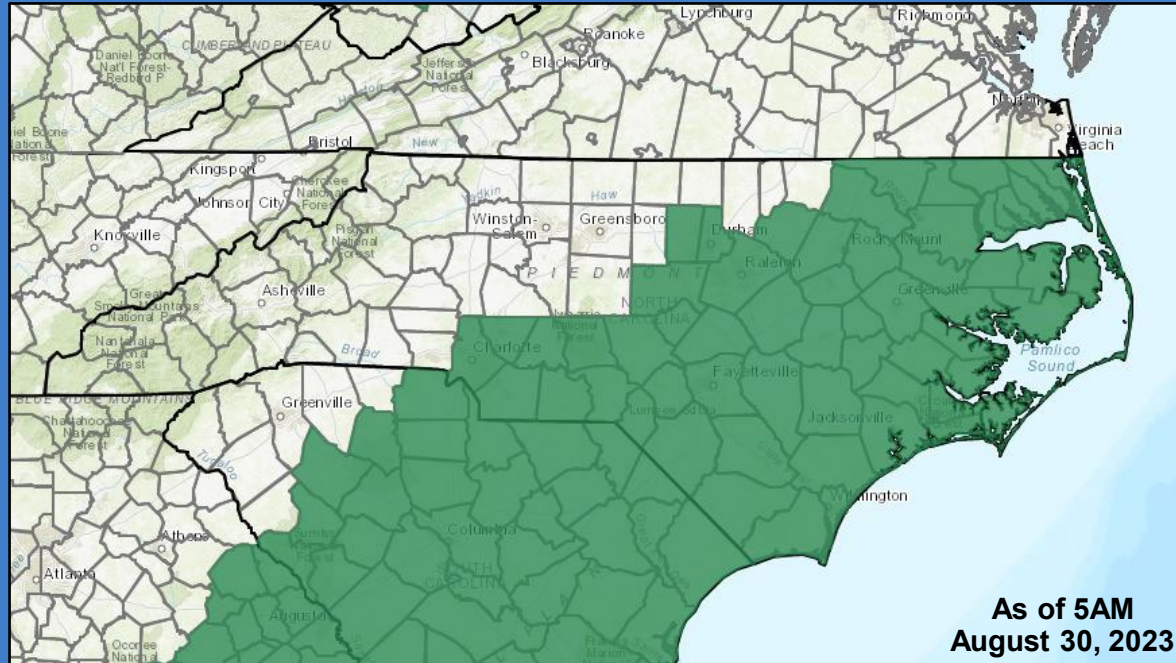
(8AM Wednesday, August 30, 2023 - 8AM Friday, September 1, 2023)



- The heaviest rain is now expected along southern portions of the I-95 corridor northeastward to central portions of the coast, where 5-8" of rain is forecast, with localized amount to 10" possible.
- There will likely be a sharp rainfall gradient across portions of the Triangle and Charlotte Metro that could shift with any change in track.



Flash Flood Watch

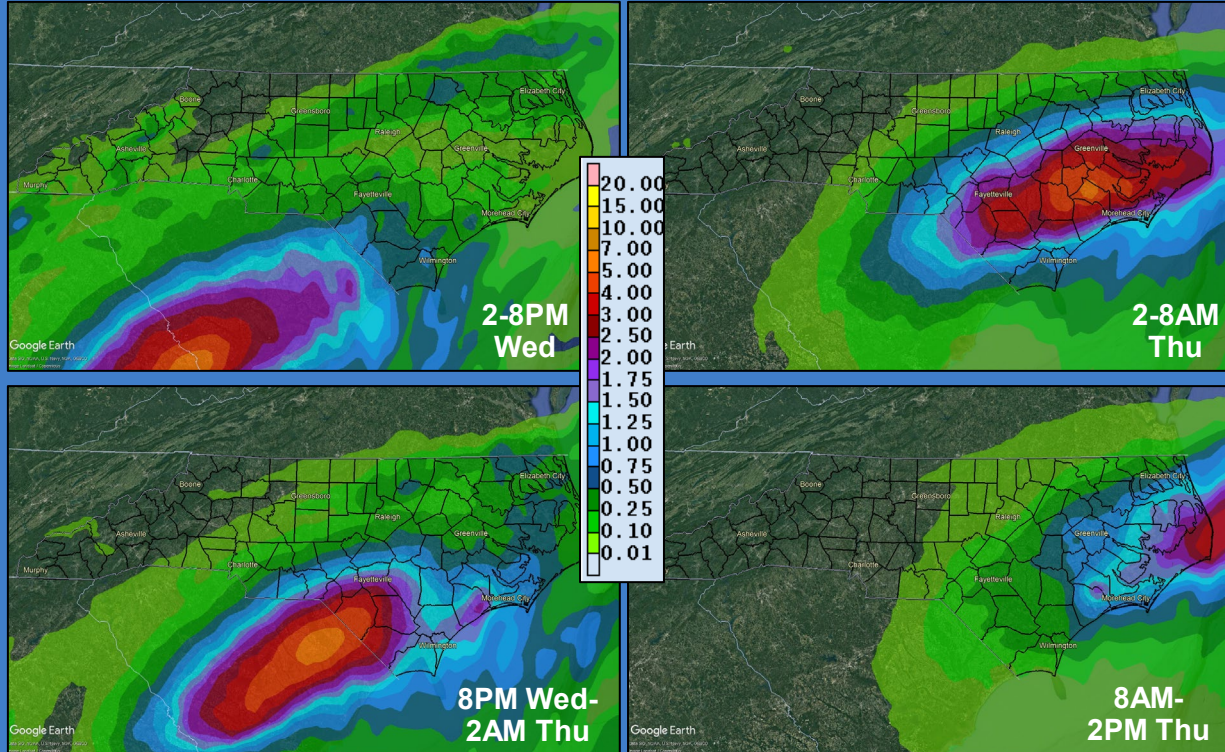


- A Flash Flood Watch remains in effect for areas along and southeast of the I-85 corridor from Wednesday afternoon through Thursday evening.



Potential Timing of Heaviest Rainfall

Scattered showers will increase in coverage across during the day, with heavy rain likely this evening.

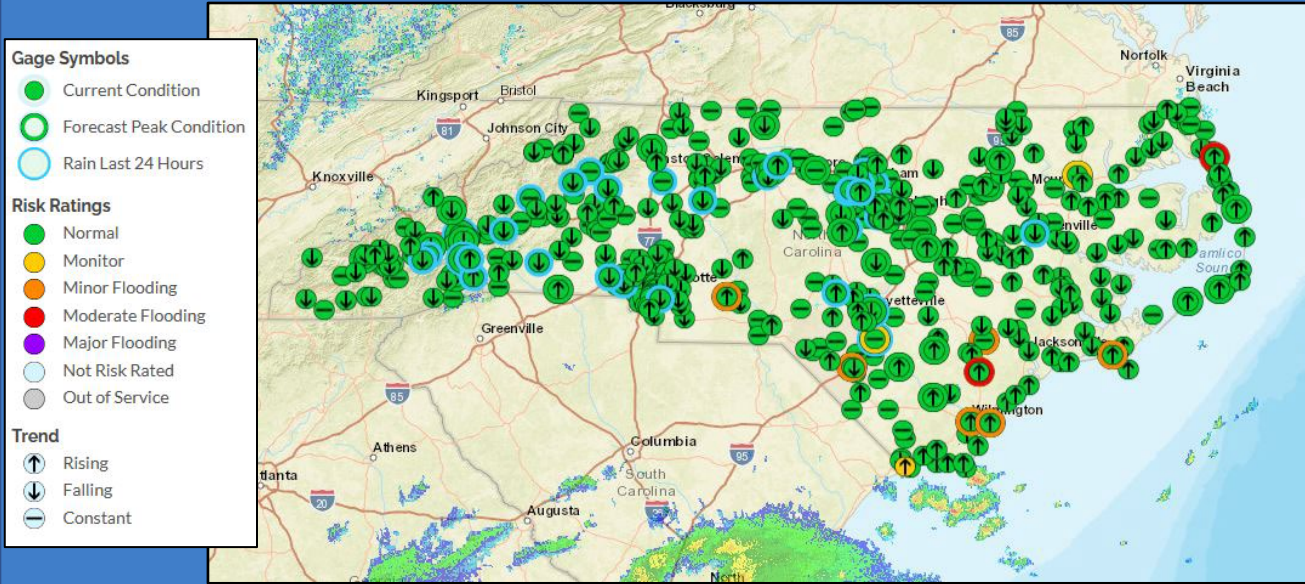


Heavy rain will continue to spread northeastward overnight and continue during the day Thursday across central and northern portions of the coast.



Current Radar & River Conditions

7AM Wednesday, August 30, 2023



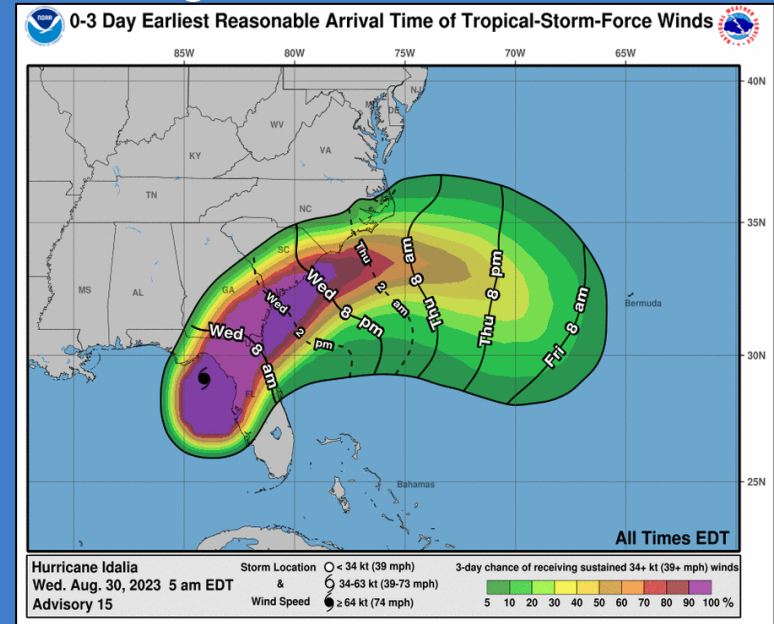
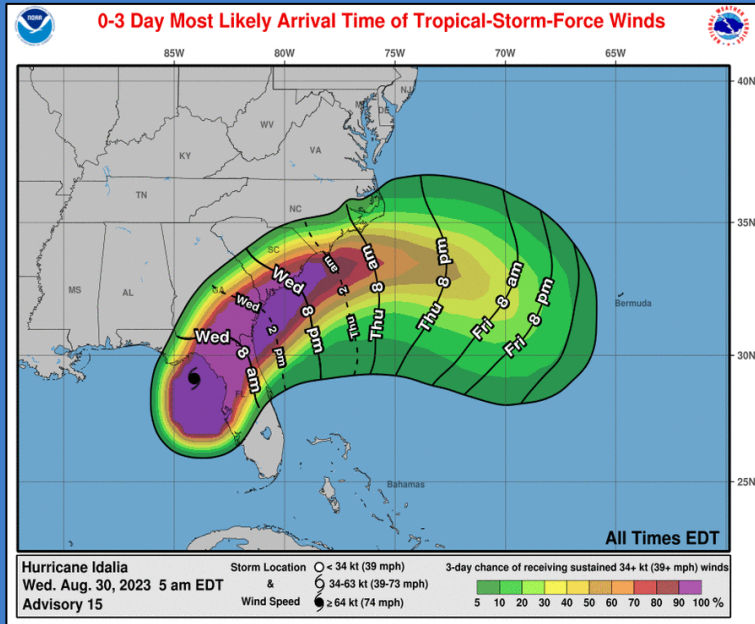
- While the threat of riverine flooding will not be as great as flash flooding, several rivers will likely rise above Minor Flood Stage.
- Isolated moderate river flooding is possible and the N.E. Cape Fear River near Burgaw is now forecast to rise above Moderate Flood Stage on Saturday.





Tropical-Storm-Force Wind Probabilities & Timing

National Hurricane Center - 5AM August 30, 2023

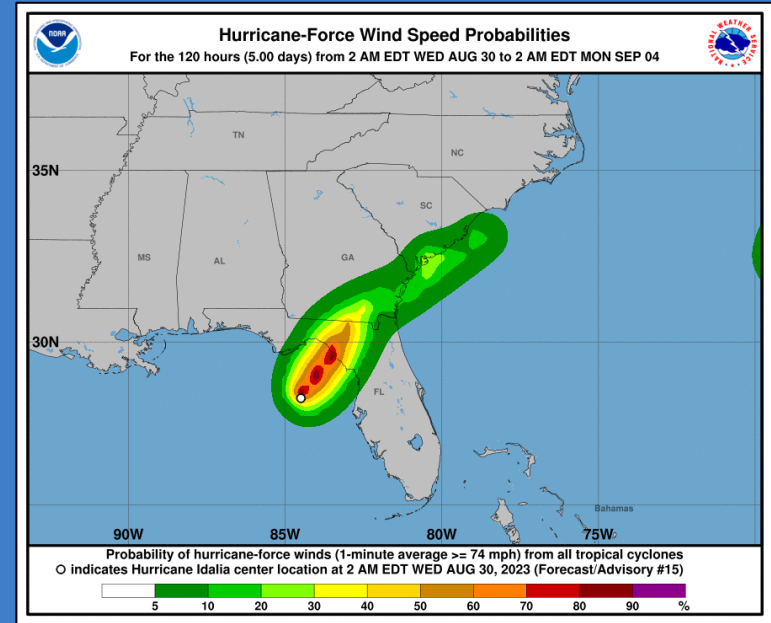
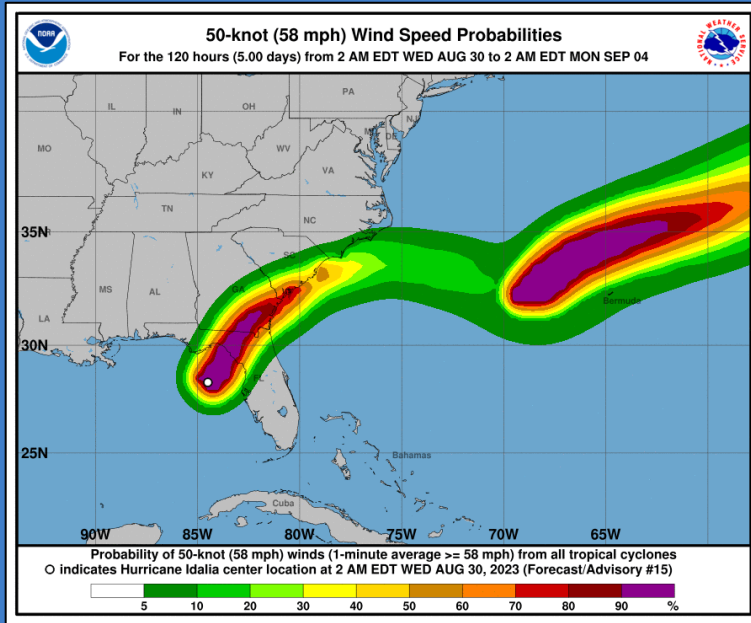


The threat of tropical-storm-force winds, especially along and just offshore of the NC coast continues to increase. Tropical-storm-force winds will likely arrive across southeastern NC around midnight, spreading northward along the coast through early Thursday morning.



50-Knot & Hurricane-Force Wind Probabilities

National Hurricane Center - 5AM August 30, 2023

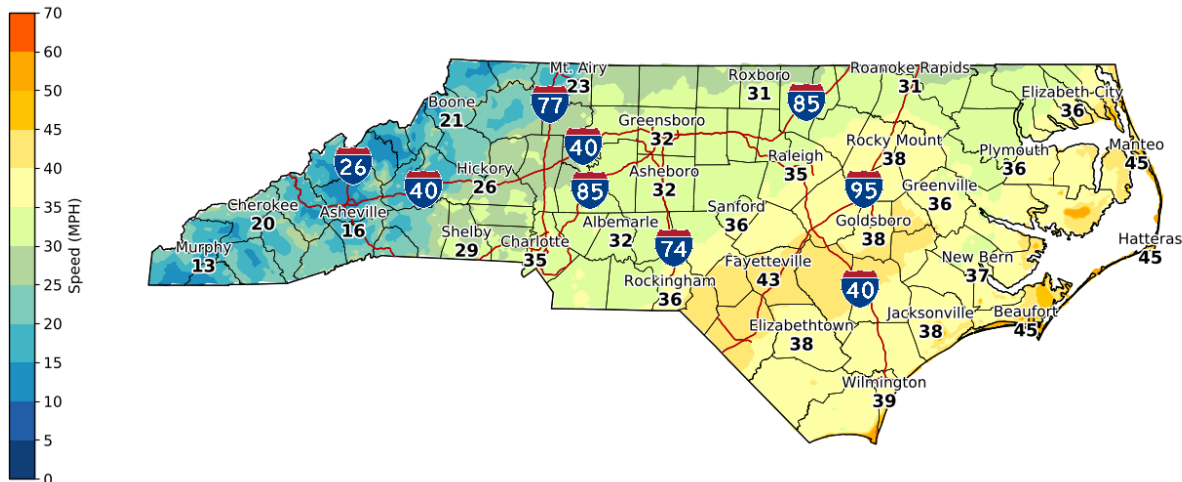


While strong tropical-storm-force winds (>58 mph) are possible along the immediate coast of southeastern NC, the threat of hurricane-force winds is expected to remain to our south.



Thursday's Wind Gust Forecast

72 hr Max Wind Gust
Valid: 08/30/2023 05:00 AM - 09/02/2023 05:00 AM EDT



National Weather Service
Raleigh, North Carolina
08/30/2023 05:03 AM EDT

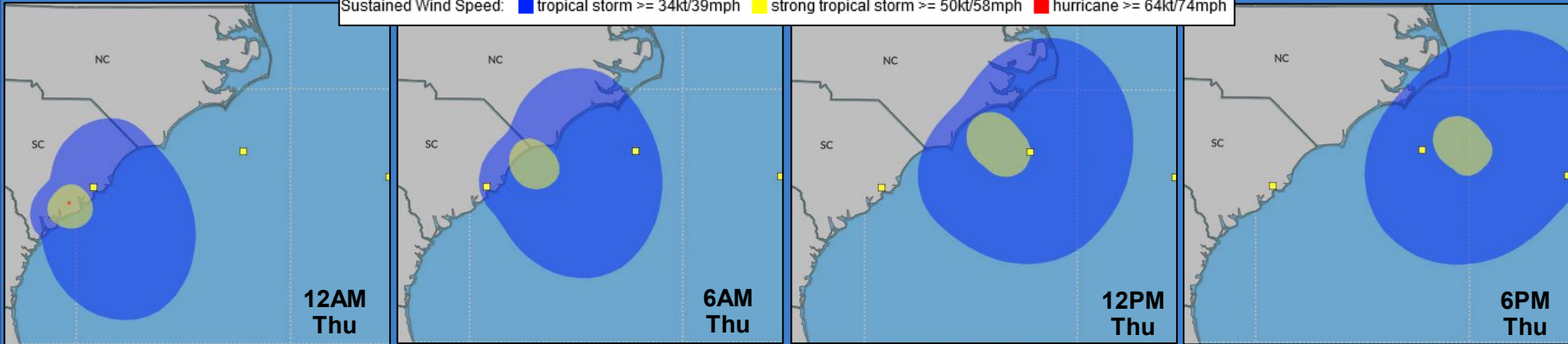
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- The strongest gusts (40-60 mph) will likely be along the immediate coast as Idalia makes its closest approach Thursday morning through Thursday evening.
- While not as strong, most of the Piedmont and Coastal Plain could see gusts 25-40 mph, which may lead to some downed trees with saturated soils.



Potential Timing of Tropical-Storm-Force Winds

Sustained Wind Speed: ■ tropical storm $\geq 34kt/39mph$ ■ strong tropical storm $\geq 50kt/58mph$ ■ hurricane $\geq 64kt/74mph$

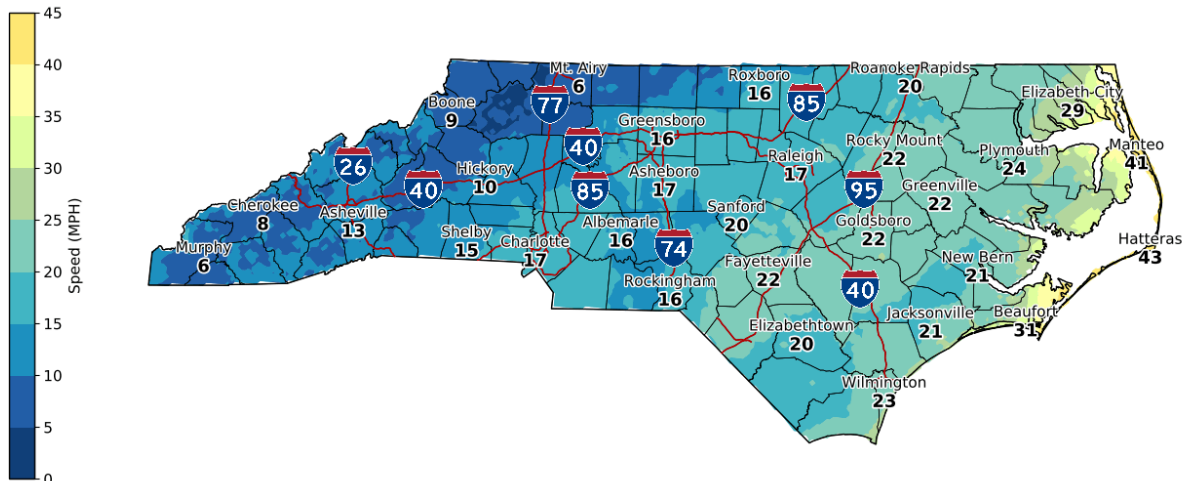


The arrival time of the strongest winds is slightly faster than forecasts from yesterday. As Idalia moves away from the coast, gusty northeasterly winds (35-50 mph) will continue through Friday along northern portions of the coast due to a pressure gradient with high pressure to our north and Idalia to our southeast.



Friday's Wind Gust Forecast

48 - 72 hr Max Wind Gust
Valid: 09/01/2023 06:00 AM - 09/02/2023 06:00 AM EDT



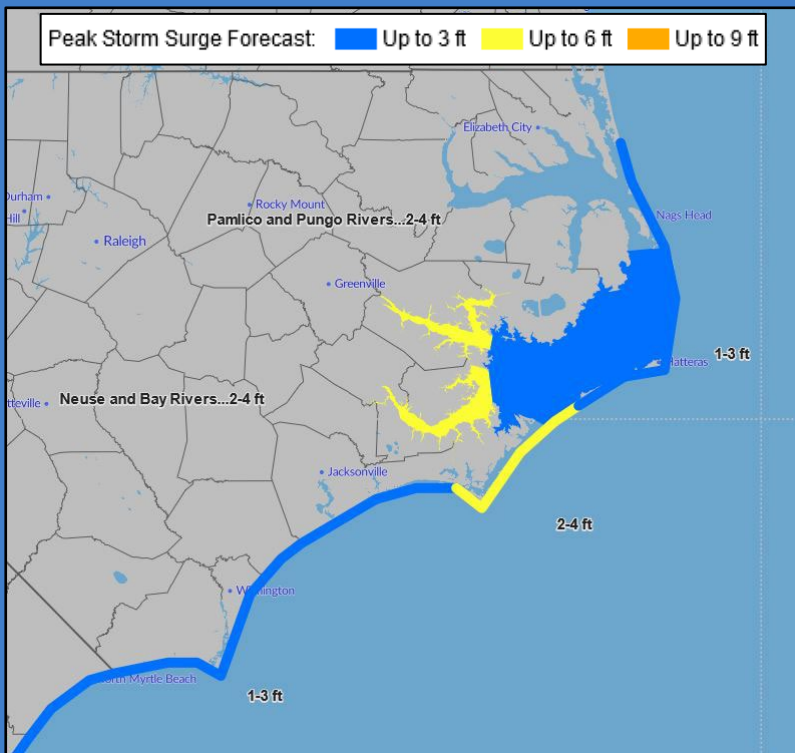
- Gusty northeasterly winds will continue the threat of elevated water levels (2-4' above ground) along the sounds, as well as ocean overwash and beach erosion along the Outer Banks on Friday and possibly into the weekend.





Peak Storm Surge Forecast

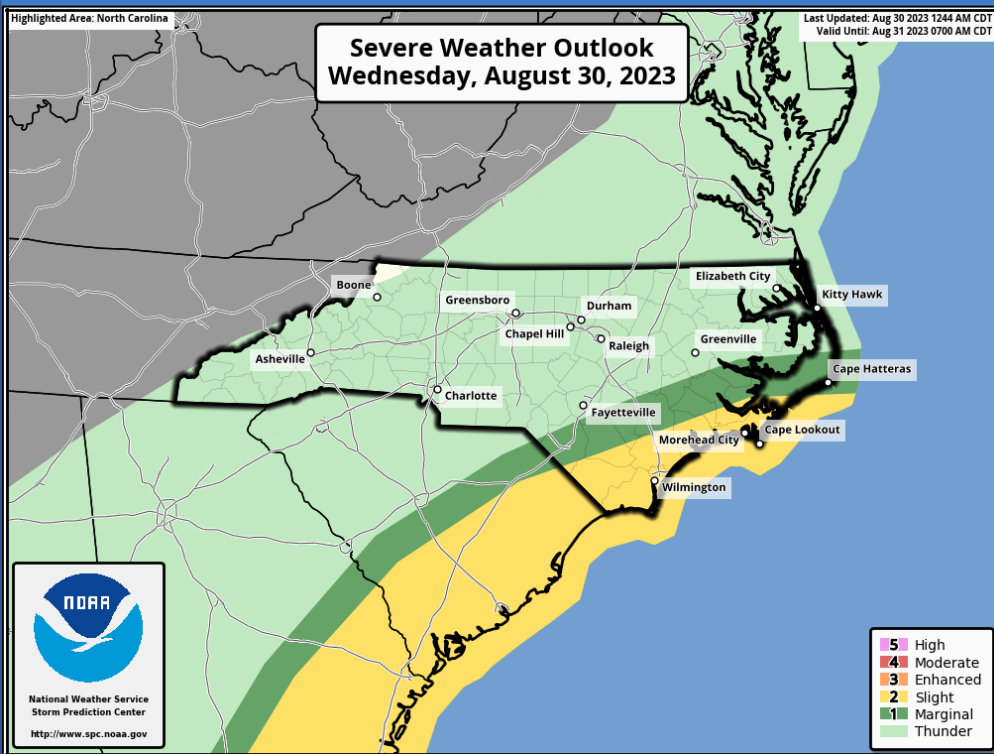
National Hurricane Center - 5AM August 30, 2023



- A Storm Surge Watch is in effect for Beaufort Inlet to Ocracoke Inlet, and along the Neuse and Pamlico Rivers as these areas could see 2-4' of inundation.
- While areas south of Beaufort Inlet and north of Ocracoke Inlet to Duck are not under a Storm Surge Watch, these areas could see 1-3' of inundation if the peak surge occurs at the time of high tide.



Wednesday's Severe Storm Potential



- A few brief tornadoes will be possible along and near the coast this evening through early Thursday morning.
- With tornadoes possible overnight, it is important to have multiple ways to receive weather alerts and warnings.

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with all thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense

* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.



Hurricane Idalia Hazard Summary

(5AM August 30, 2023)

HAZARD	DETAILS	IMPACTS	THREAT
Storm Surge	Localized inundation will be possible in coastal areas especially around high tides. Gusty NE winds as Idalia moves away could lead to ocean overwash along the northern Outer Banks and soundside flooding concerns along the southern Pamlico Sound and Neuse River.		Moderate
Heavy Rain / Flooding	3-8+": Coastal Plain - Sandhills 1-3": Areas SE of Charlotte & Raleigh <1": Areas NW of the I-85 Corridor	Areas of flash flooding are likely. Rises on main-stem rivers will be possible, but widespread major riverine flooding is not expected.	High
Winds	TSF winds becoming more likely along the immediate coast. Gusts 25-40 mph possible inland.	Gusty winds and saturated soils could lead to downed trees and power outages. The strongest winds move in early Thursday morning.	Moderate
Tornadoes	A few tornadoes will be possible along and near the coast this evening and overnight. While tornadoes in tropical systems are typically brief, they also offer little lead time.		Moderate
Marine & Coastal	Rough seas and stronger winds offshore will produce dangerous conditions for mariners and moderate beach erosion.		High

Threat Levels:	None	Low	Moderate	High	Extreme
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