



Tropical Storm Idalia Briefing

5:30 PM ET




Monday, Aug 28, 2023

What has changed: No major forecast changes. We've added significant details on the rainfall, surge, wind, and tornado threat .



Situation Overview

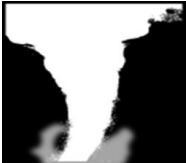

Tropical Storm Idalia

Hazard	Impacts	Location	Timing
 Flooding Rain	Significant impacts. Significant flash flooding possible.	Eastern North Carolina but especially toward the coast.	Wednesday afternoon through Thursday Night.
 Storm Surge & Inundation	Limited impacts. Localized inundation, moderate beach erosion, ocean overwash.	Oceanside, the entire coast. Soundside Outer Banks from Buxton south through Ocracoke. Downeast Carteret, Neuse, Pamlico, Pungo Rivers.	Wednesday night through Friday.
 Wind	Limited impacts. Scattered power outages.	Especially along the coast and Outer Banks south of Oregon Inlet.	Wednesday night through Thursday Night.



Situation Overview

Tropical Storm Idalia

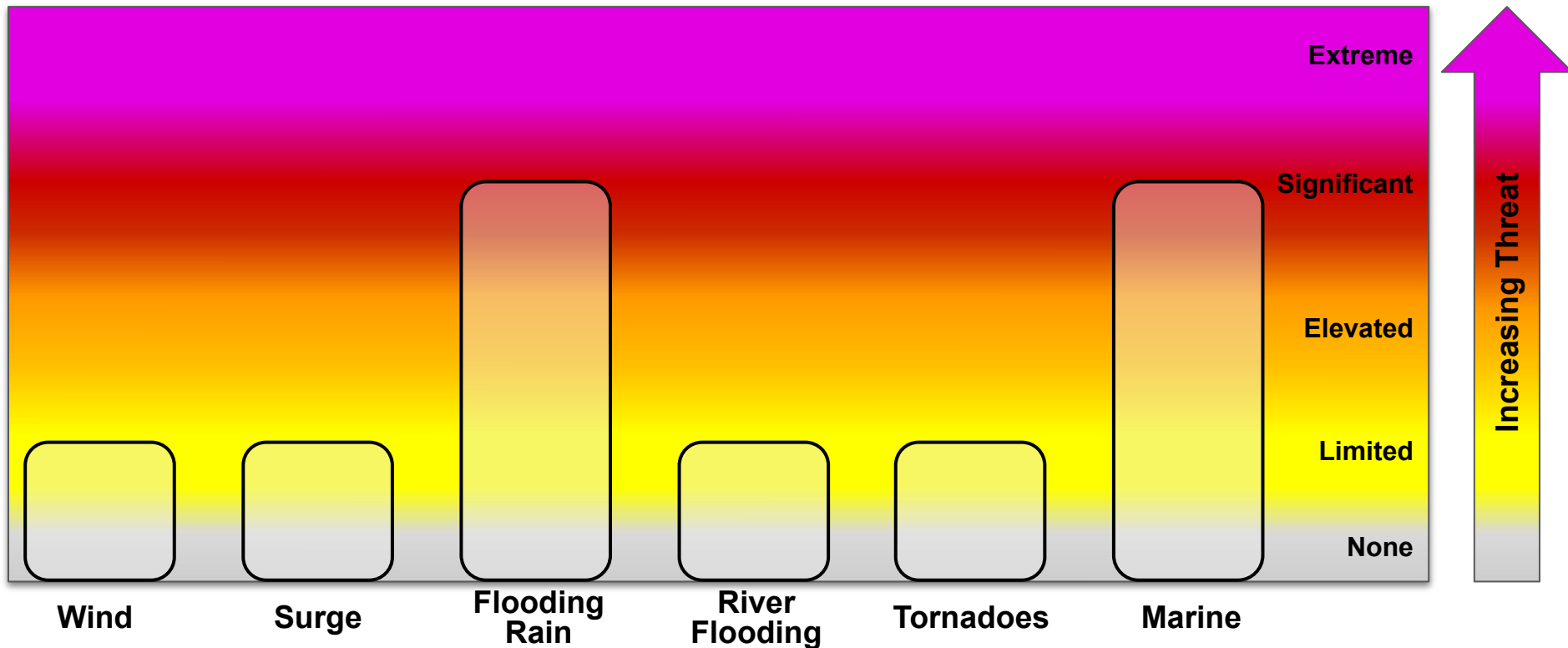
Hazard	Impacts	Location	Timing
 <p>Tornado</p>	<p>Limited impacts.</p> <p>Enhanced areas of damage.</p>	<p>Eastern NC, but especially toward the coast.</p>	<p>Wednesday afternoon through Thursday.</p>
 <p>Marine</p>	<p>Significant impacts.</p> <p>Large dangerous seas, tropical storm force winds will produce life threatening conditions to mariners.</p>	<p>All coastal waters but especially across the Southern Pamlico Sound and south of Oregon Inlet.</p>	<p>Wednesday through Friday.</p>



Threat Levels

Tropical Storm Idalia

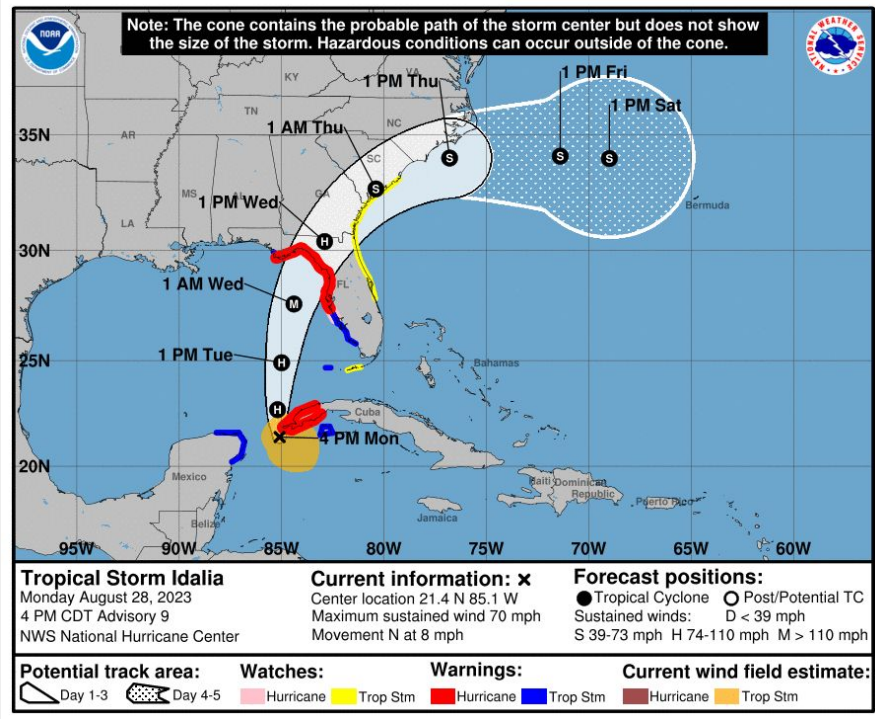
For information on specific hazards in this area, please go to: <https://www.weather.gov/srh/tropical?office=mhx>





Situation Overview

Tropical Storm Idalia



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

- Tropical Storm Idalia is forecast to become a hurricane by this evening with a track into the northeast Gulf of Mexico.
- On the current track, impacts may be felt in our area as early as Wednesday night.
- The forecast track may change and remember impacts can be felt far from the center of the storm. Check back for updates!



Inland Flooding Impacts

Tropical Storm Idalia

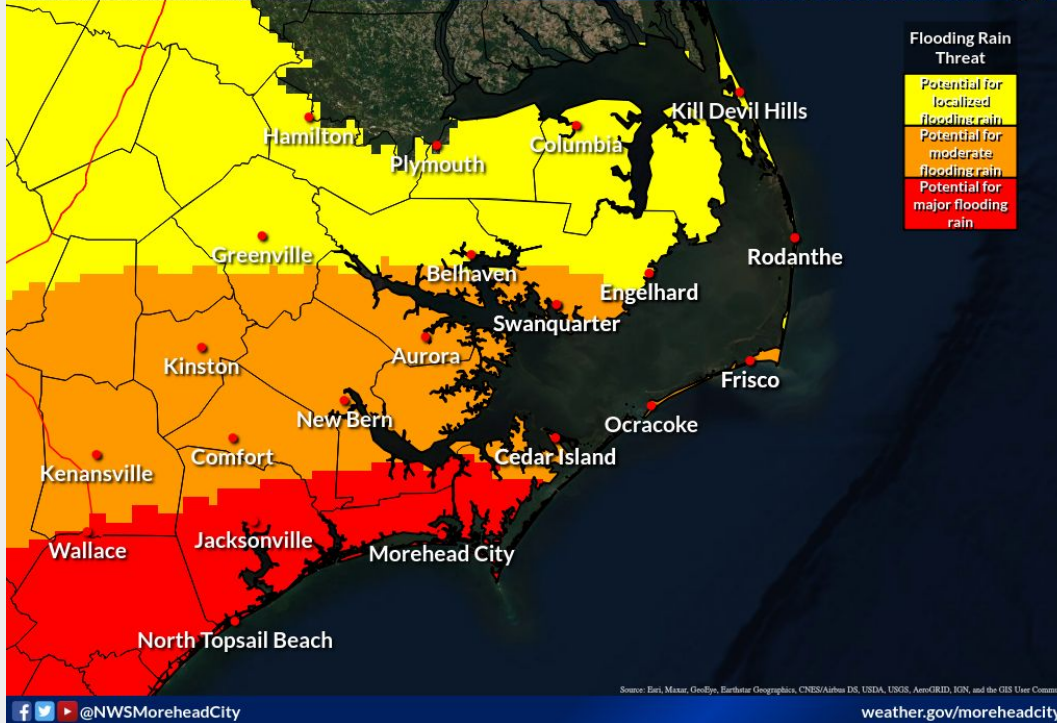
Flooding Rain Threat

Wednesday Afternoon through Thursday

Weather Forecast Office

Newport/Morehead City, NC

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- Areas outlined in red have the greatest potential for significant flash flooding anytime from Wednesday afternoon through Thursday.
- The highest threat is dependent on the final track, which may change. Keep checking back for updates!



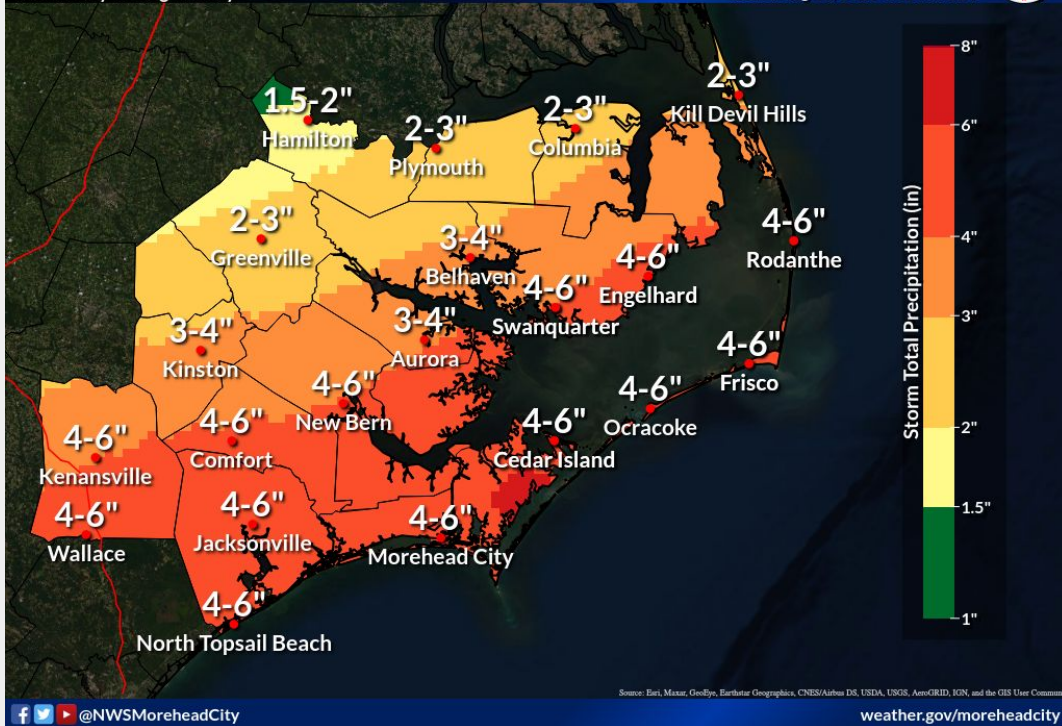
Expected Storm Total Rainfall

Tropical Storm Idalia

Potential Rainfall This Week

Wednesday through Friday

Weather Forecast Office
Newport/Morehead City, NC
Issued Aug 28, 2023 4:32 PM EDT



- An average of 2" to 6" of rain is possible across our area.
- Within the heaviest bands of rain, isolated totals of up to 8" are possible.
- The forecast track may change and this will adjust our rainfall projections. Check back for updates!



Potential Storm Surge Impacts

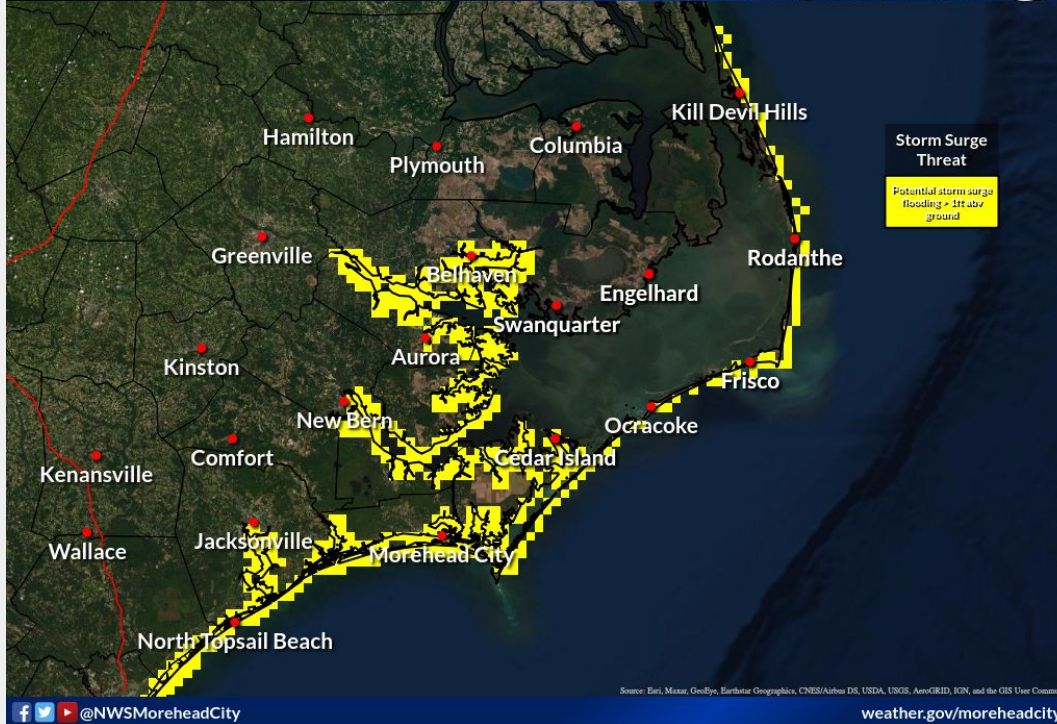
Tropical Storm Idalia

Storm Surge Threat

Wednesday Night through Friday

Weather Forecast Office
Newport/Morehead City, NC

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There is a potential for:

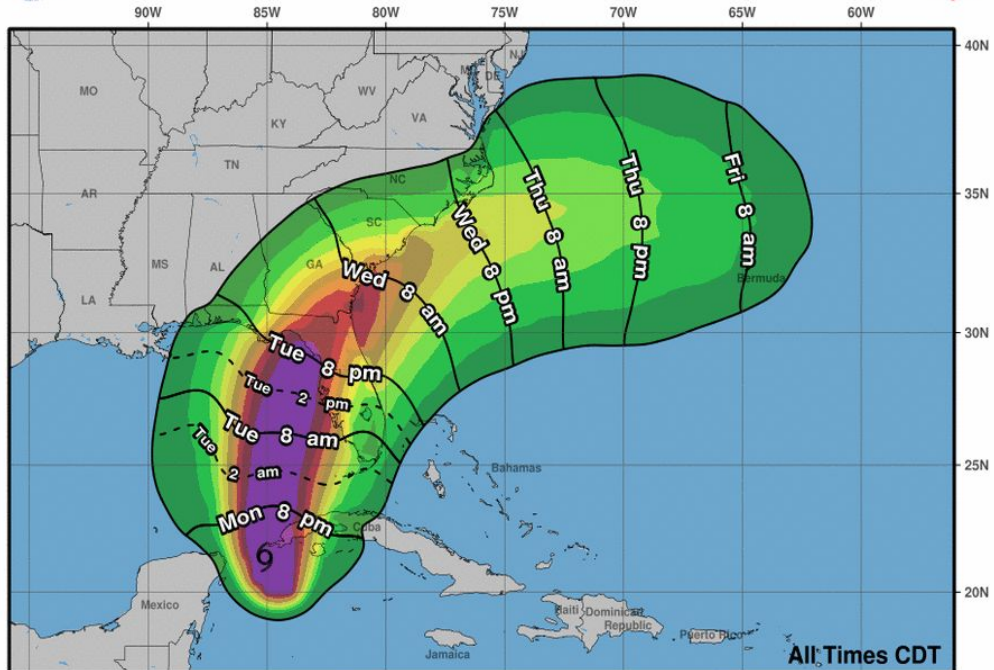
- Localized inundation mainly along immediate shorelines and in low-lying spots.
- Ocean overwash.
- Moderate Beach Erosion.



Earliest Reasonable Time of Arrival

Tropical Storm Idalia

Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



Tropical Storm Idalia
Mon. Aug. 28, 2023 4 pm CDT
Advisory 9

Storm Location ○ < 34 kt (39 mph)
 & ○ 34-63 kt (39-73 mph)
 Wind Speed ● ≥ 64 kt (74 mph)

5-day chance of receiving sustained 34+ kt (39+ mph) winds
 5 10 20 30 40 50 60 70 80 90 100 %

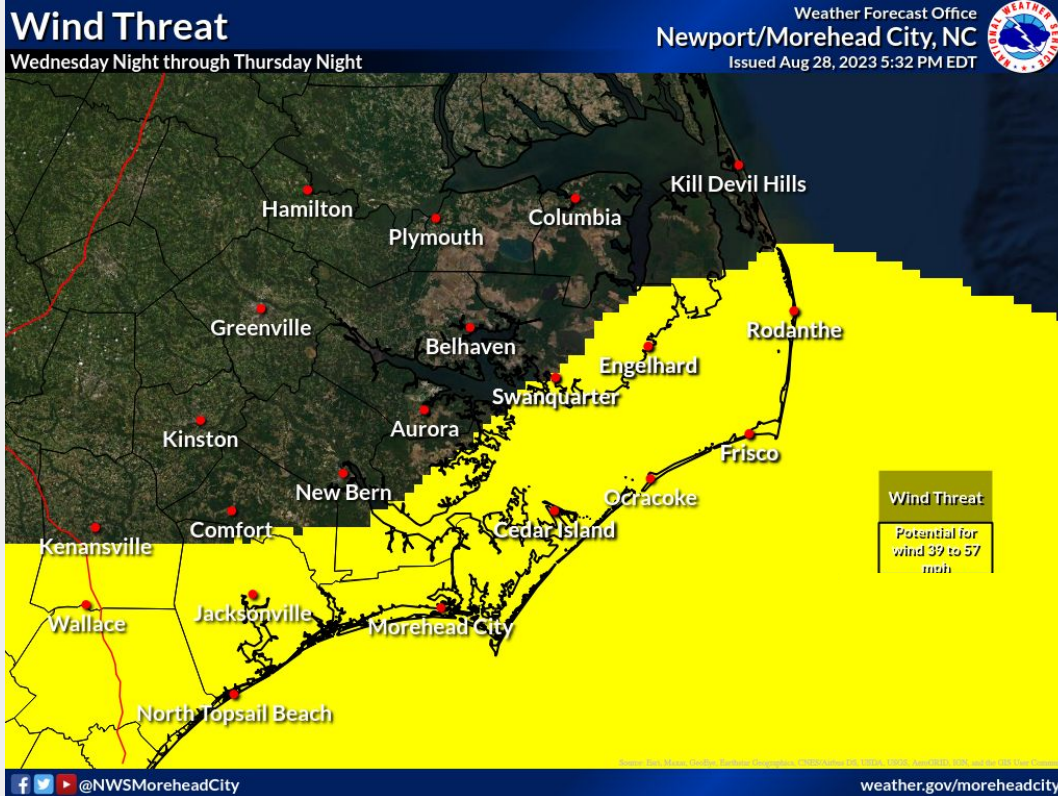
All Times CDT

- The earliest reasonable time of arrival of Tropical Storm Force Winds for Eastern North Carolina is Wednesday evening.
- **However, the most likely time** this area could see Tropical Storm Force Winds will be sometime Thursday morning.



Wind Threat / Potential Impact

Tropical Storm Idalia



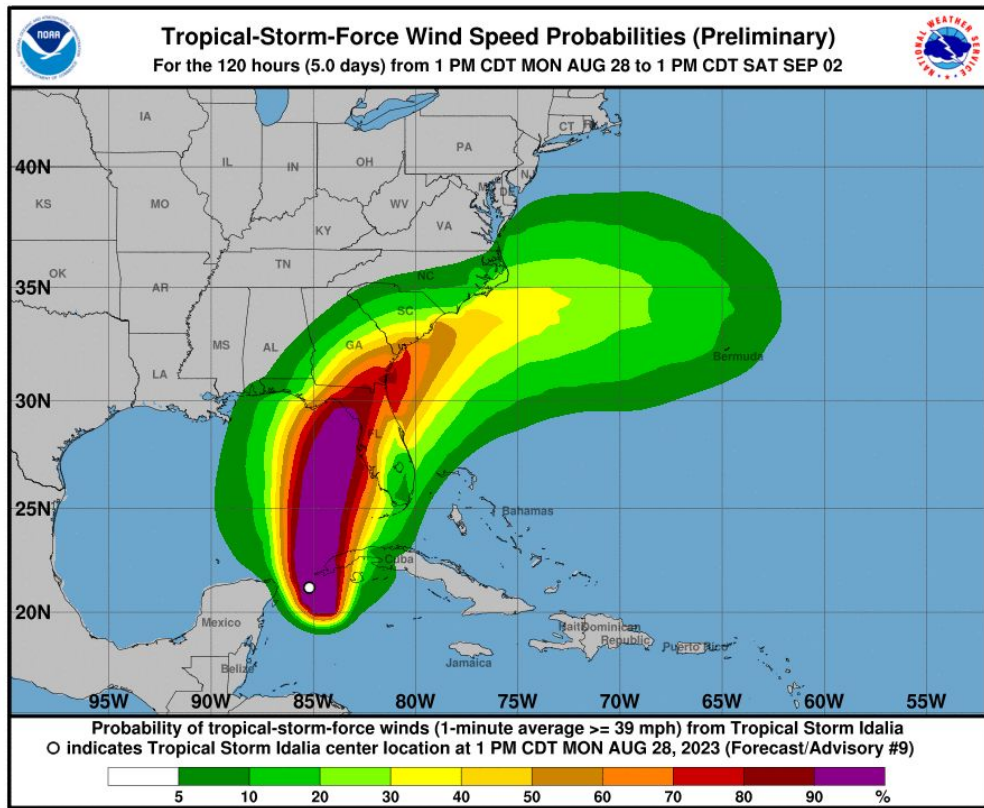
There is a potential for:

- Scattered power and communication outages.
- Highest potential will be in the **Yellow Shaded** area, closer to the coast.



Tropical Storm Wind Speed Probabilities

Tropical Storm Idalia

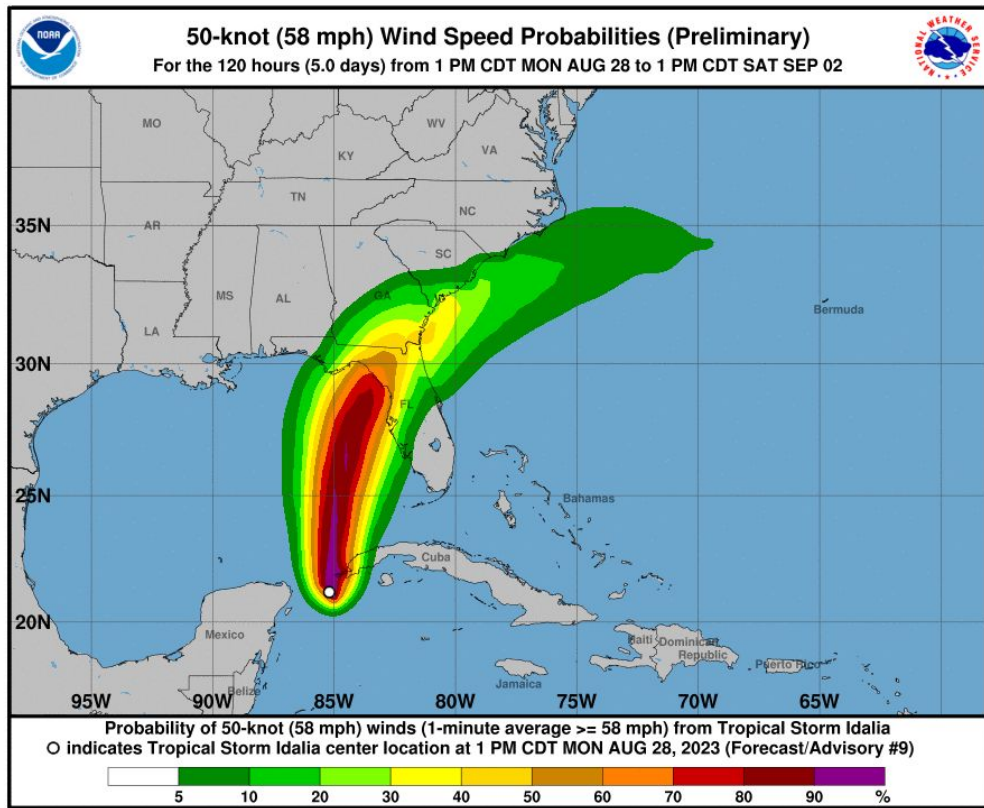


- The probability for tropical storm force winds is steady.
- The highest probability for tropical storm force winds remains near the coast and over the water.
- Tropical storm conditions could begin as early as Wednesday night.



50 kt (58 mph) Wind Speed Probabilities

Tropical Storm Idalia



- Threat of 50 kt winds is holding steady.
- Highest threat remains south of Oregon Inlet.



Potential Tornado Impacts

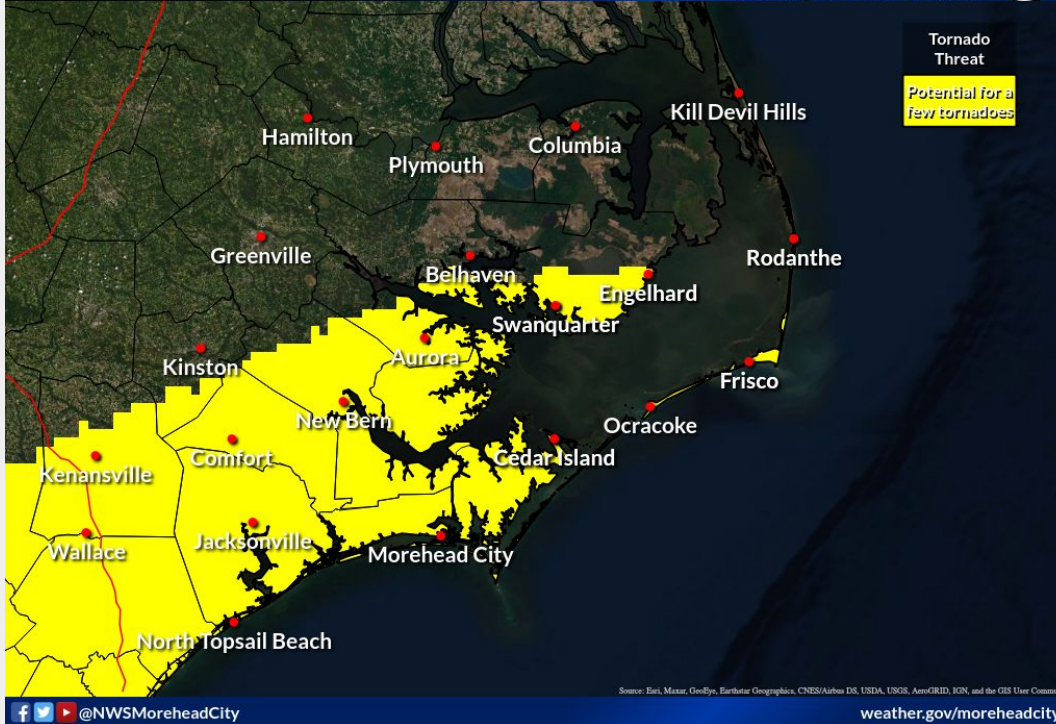
Tropical Storm Idalia

Tornado Threat

Wednesday Afternoon through Thursday

Weather Forecast Office
Newport/Morehead City, NC

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- Highest threat shaded in **Yellow**
- Main threat of tornadoes would be from Wednesday afternoon through Thursday.
- Enhanced areas of damage possible.
- Have multiple ways to receive warnings, and at least one that can wake you up at night

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Rip Currents/Beach Erosion/Overwash

Tropical Storm Idalia

RIP CURRENTS

Know your options

The diagram illustrates the flow of rip currents. It shows a central channel of water moving away from the shore, labeled "RIP CURRENT". On either side of this channel, the water flows back towards the shore, labeled "CURRENT". Several swimmers are depicted in the water. Red arrows labeled "ESCAPE" point from the rip current channel towards the shore, indicating the direction of escape. A person is also shown standing on the beach, looking out towards the rip current.

Rip currents are powerful currents of water moving away from shore. They can sweep even the strongest swimmer away from shore. If at all possible, swim near a lifeguard.

- **Dangerous Rip Currents** from distant Major Hurricane Franklin expected through mid week.
- Beach erosion and ocean overwash possible from Oregon Inlet to Cape Lookout through Wednesday.
- Rip current threat and coastal issues will linger through end of the week with Idalia.



Key Take-Aways

Tropical Storm Idalia

Confidence is **MODERATE** that the event will occur
Confidence is **MODERATE** regarding impacts



Significant impacts from flash flooding possible - 2" to 6"+ of rain.



Inundation of low-lying areas possible.



Tropical storm force winds possible especially toward the coast and south of Oregon Inlet.



A few tornadoes are possible, which may produce enhanced areas of damage.



Dangerous marine conditions expected across the coastal waters.



Local Resources

Tropical Storm Idalia

Next Briefing:
Tuesday 9:00 AM ET
Method: Email



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