



Hurricane Idalia Briefing

9:00 AM




Tuesday, Aug 29, 2023

What has changed: Increased tornado threat, otherwise no major changes with this update.



Situation Overview



Hurricane Idalia

Hazard	Impacts	Location	Timing
 <p>Flooding Rain</p>	<p>Significant impacts.</p> <p>Significant flash flooding possible.</p>	<p>Eastern North Carolina but especially toward the coast.</p>	<p>Wednesday afternoon through Thursday Night.</p>
 <p>Tornado</p>	<p>Moderate impacts.</p> <p>Enhanced areas of damage.</p>	<p>Eastern NC, but especially toward the coast.</p>	<p>Wednesday night through Friday.</p>
 <p>Storm Surge & Inundation</p>	<p>Limited impacts.</p> <p>Localized inundation, moderate beach erosion, ocean overwash.</p>	<p>Oceanside, the entire coast. Soundside Outer Banks from Buxton south through Ocracoke. Downeast Carteret, Neuse, Pamlico, Pungo Rivers.</p>	<p>Wednesday night through Friday.</p>



Situation Overview

Hurricane Idalia

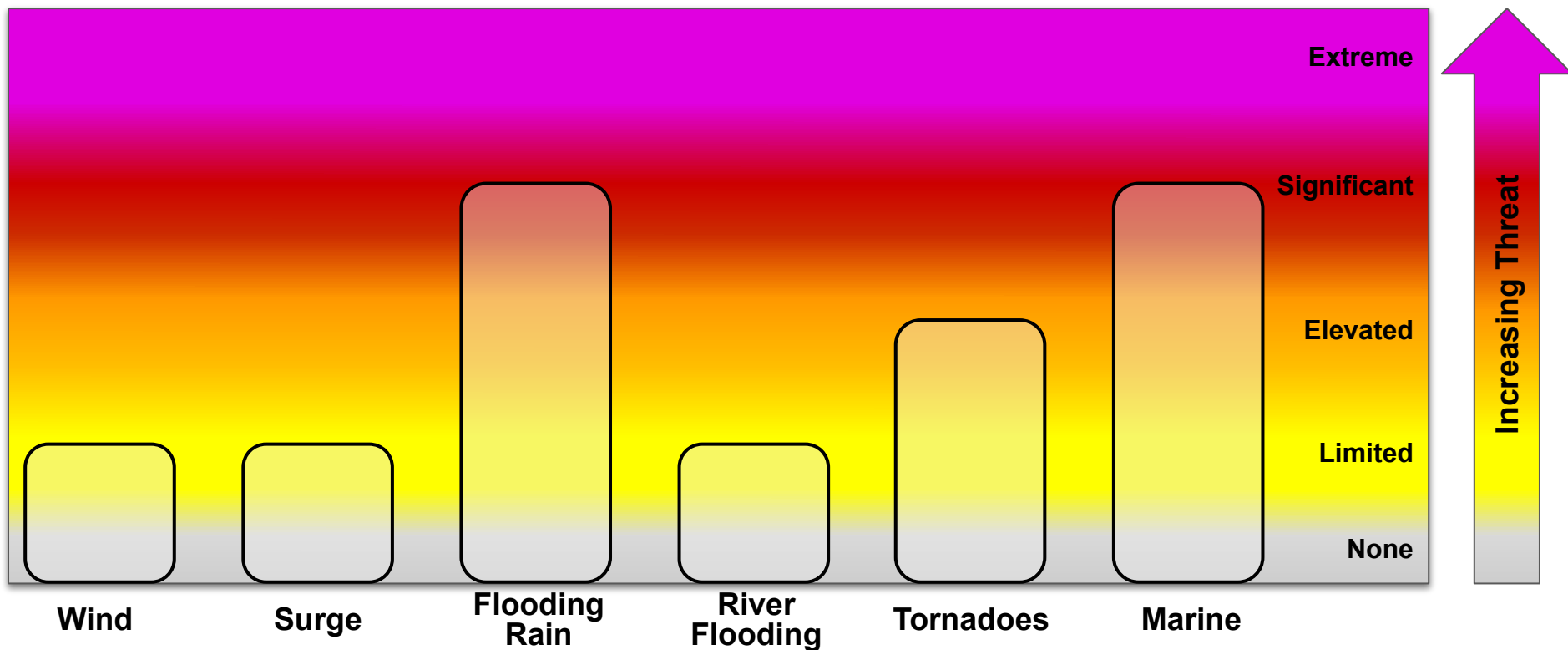
Hazard	Impacts	Location	Timing
 <p>Wind</p>	<p>Limited impacts.</p> <p>Scattered power outages.</p>	<p>Especially along the coast and Outer Banks south of Oregon Inlet.</p>	<p>Wednesday night through Thursday Night.</p>
 <p>Marine</p>	<p>Significant impacts.</p> <p>Large dangerous seas, tropical storm 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

Hurricane Idalia

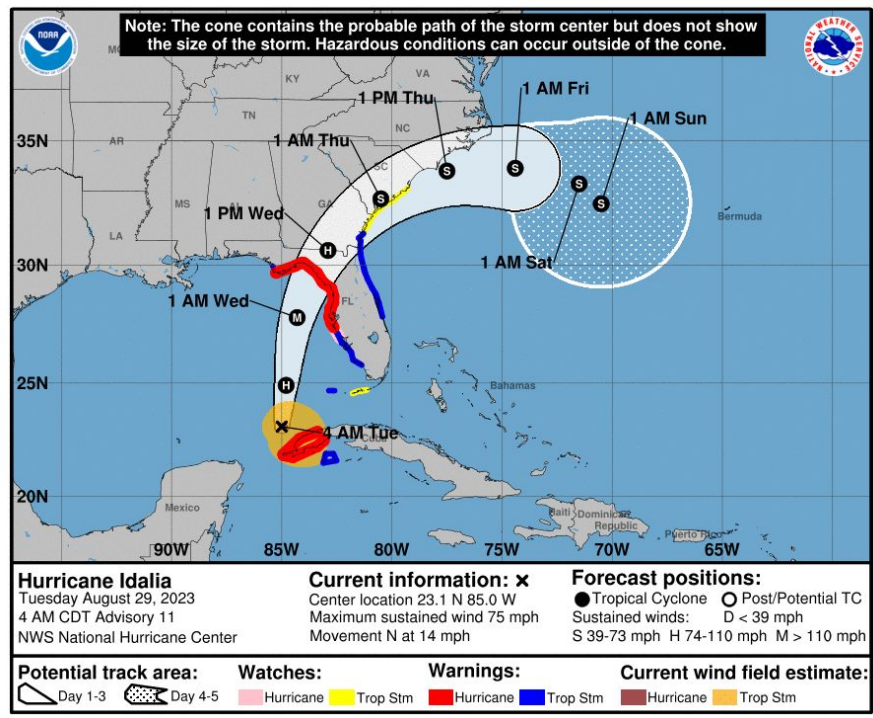
For information on specific hazards in this area, please go to: <https://www.weather.gov/srh/tropical?office=mhx>





Situation Overview

Hurricane Idalia



- Hurricane Idalia will track into the northeast Gulf of Mexico.
- On the current track, impacts may be felt in our area as early as Wednesday night.
- Idalia is forecast to approach Eastern North Carolina as a Tropical Storm Thursday.

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



Inland Flooding Impacts

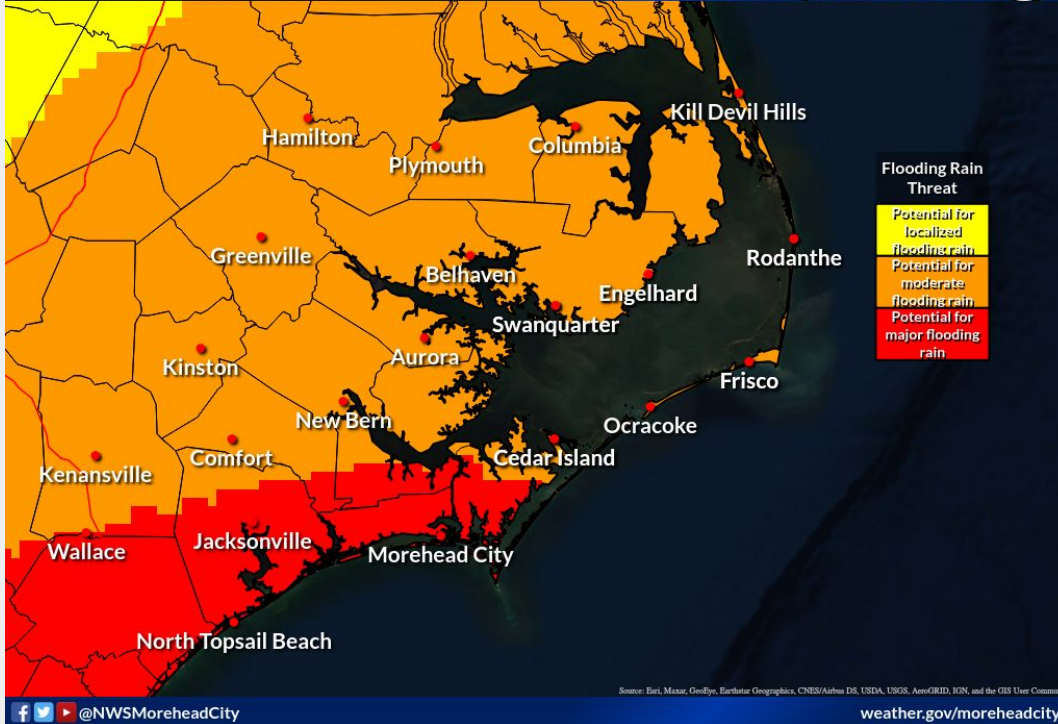
Hurricane Idalia

Flooding Rain Threat

Wednesday Afternoon through Thursday

Weather Forecast Office
Newport/Morehead City, NC

Issued Aug 29, 2023 7:57 AM EDT

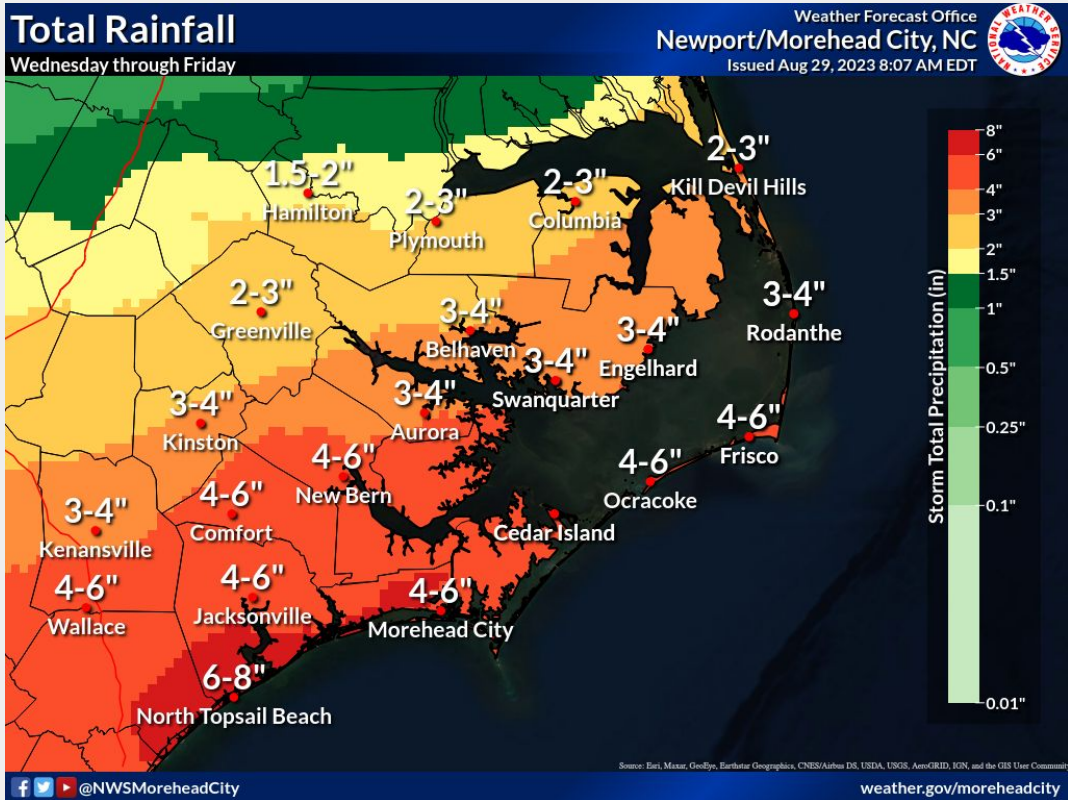


- Areas outlined in red have the greatest potential for significant flash flooding anytime from Wednesday afternoon through Thursday.
- The highest threat is dependent on the final track, which may change. Keep checking back for updates!



Expected Storm Total Rainfall

Hurricane Idalia

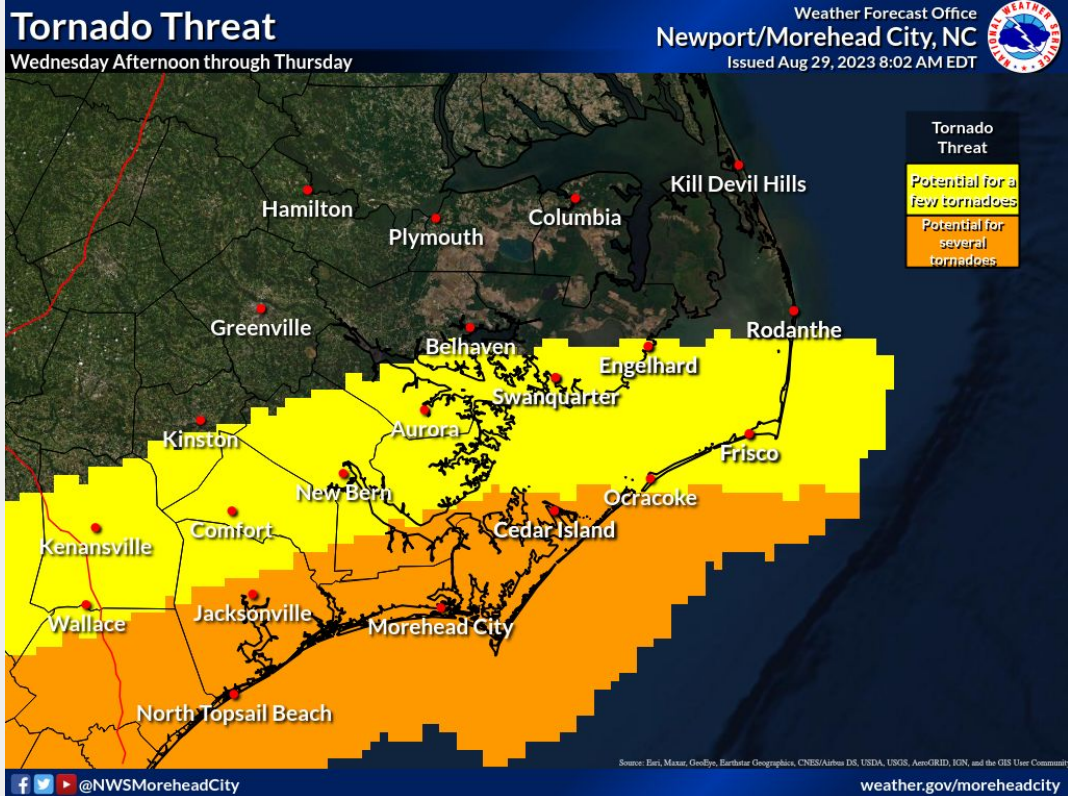


- An average of 2" to 6" of rain is possible across our area.
- Within the heaviest bands of rain, isolated totals of up to 8" are possible.
- The forecast track may change and this will adjust our rainfall projections. Check back for updates!



Potential Tornado Impacts

Hurricane Idalia



- Highest threat shaded in **Orange**
- 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



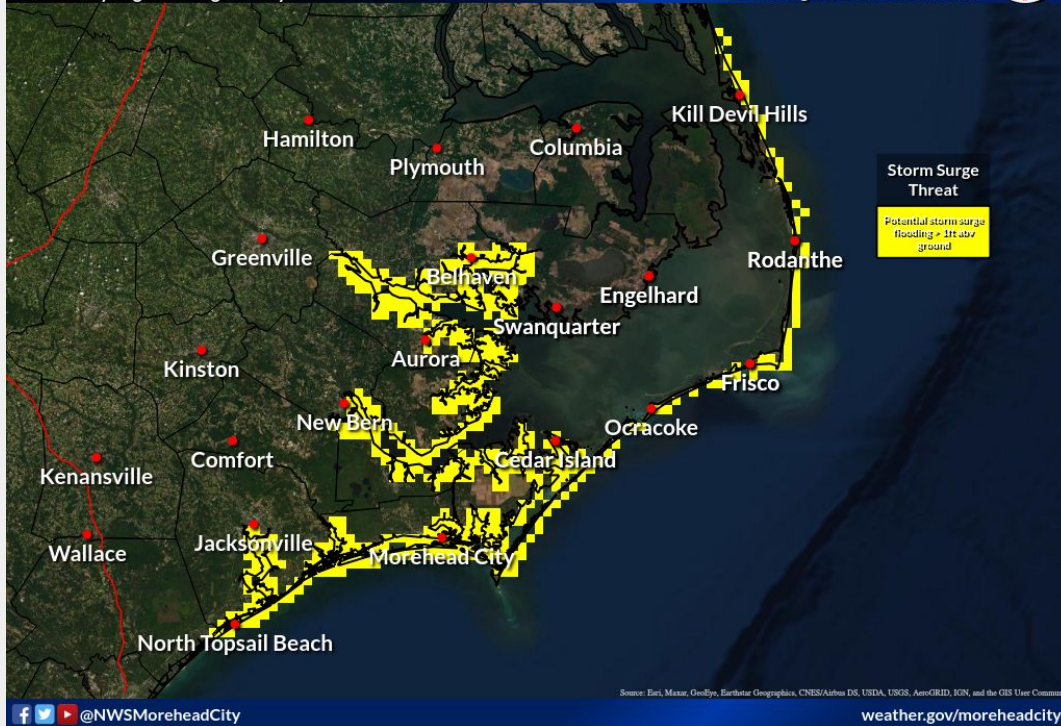
Potential Storm Surge Impacts

Hurricane Idalia

Storm Surge Threat

Wednesday Night through Friday

Weather Forecast Office
Newport/Morehead City, NC
Issued Aug 29, 2023 7:59 AM EDT



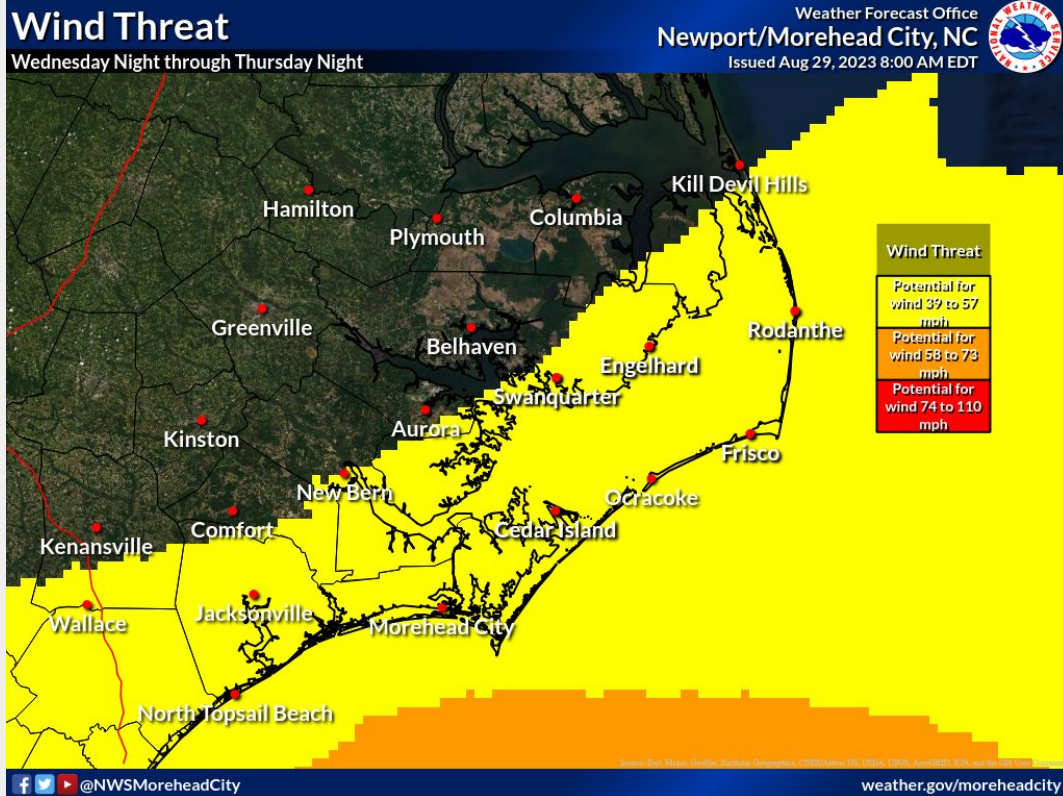
There is a potential for:

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



Wind Threat / Potential Impact

Hurricane Idalia



There is a potential for:

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



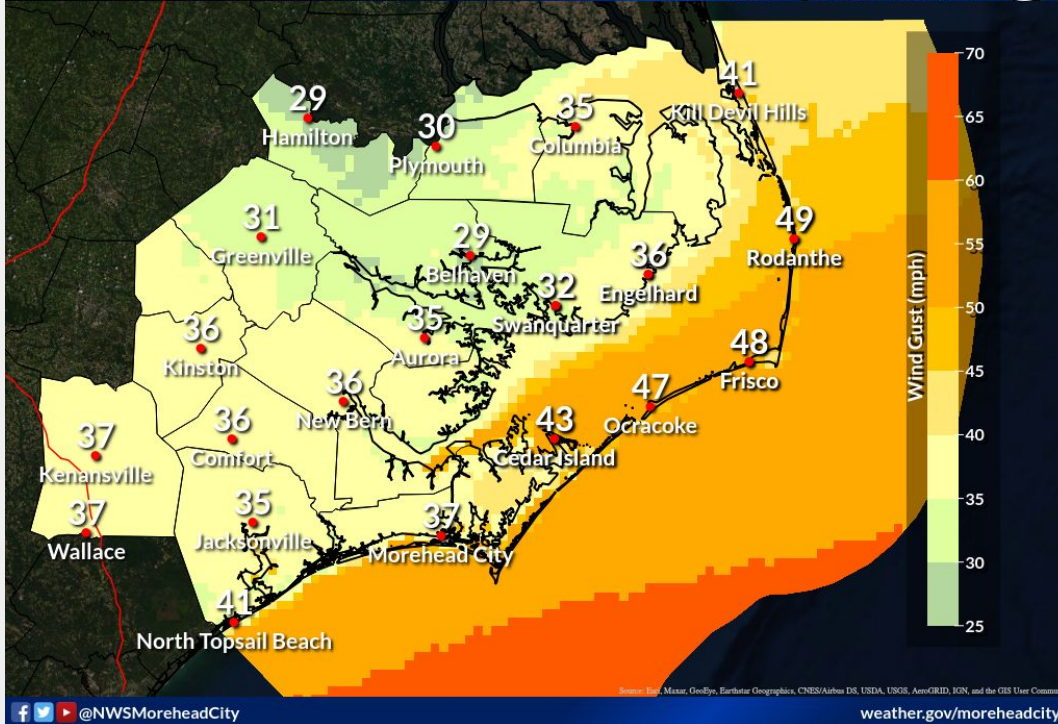
Maximum Wind Gusts

Hurricane Idalia

Maximum Wind Gusts

Wednesday Evening Through Middy Friday

Weather Forecast Office
Newport/Morehead City, NC
Issued Aug 29, 2023 8:13 AM EDT



Note:

These winds are **highly dependent** on the storm's track and intensity. A small change could result in significant differences in wind speeds and impacts.

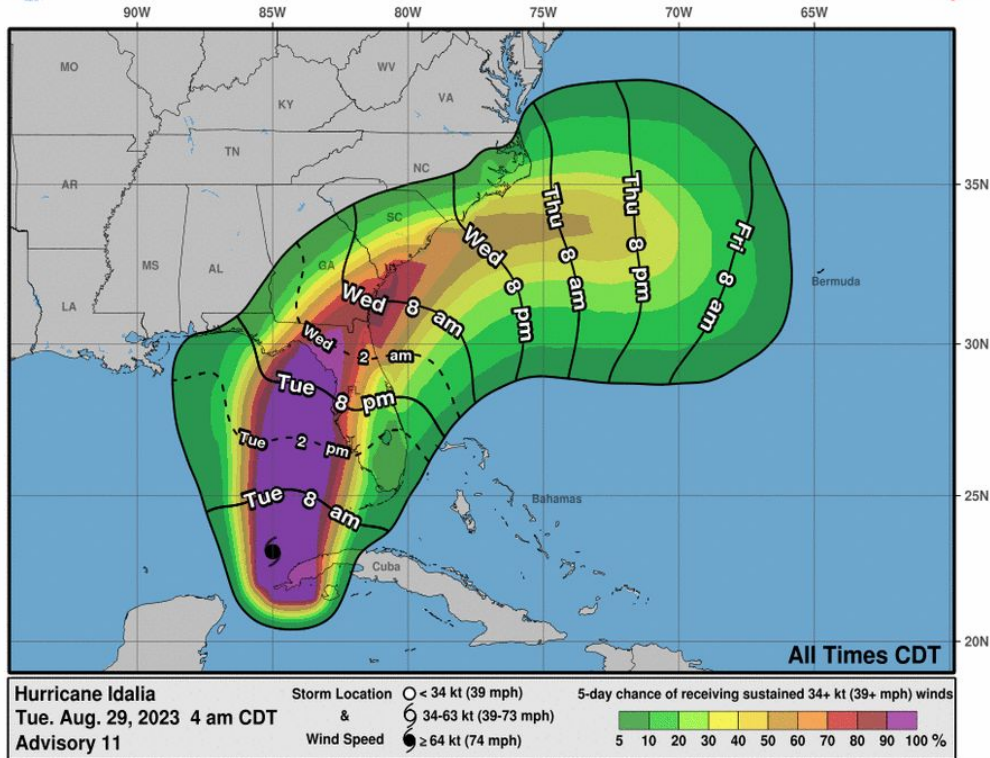
- Highest wind speeds expected near the coast
- Strongest winds occur Thursday and Thursday evening.



Earliest Reasonable Time of Arrival

Hurricane Idalia

Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds

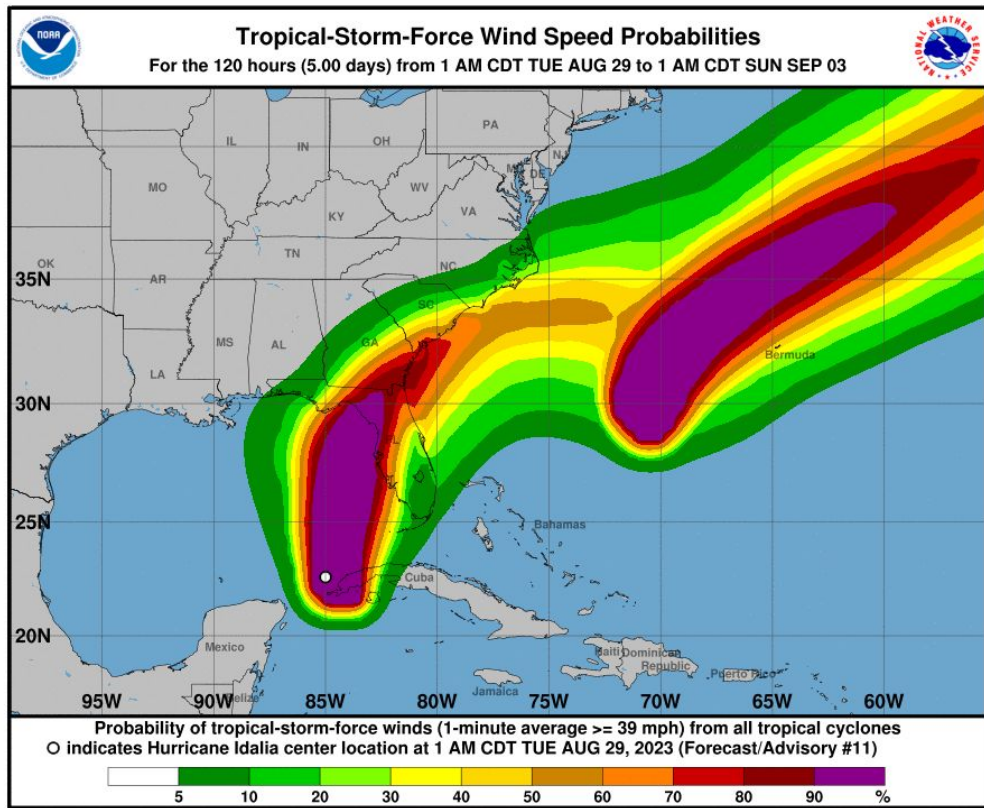


- The earliest reasonable time of arrival of Tropical Storm Force Winds for Eastern North Carolina is Wednesday night.
- **However, the most likely time** this area could see Tropical Storm Force Winds will be sometime Thursday.



Tropical Storm Wind Speed Probabilities

Hurricane Idalia

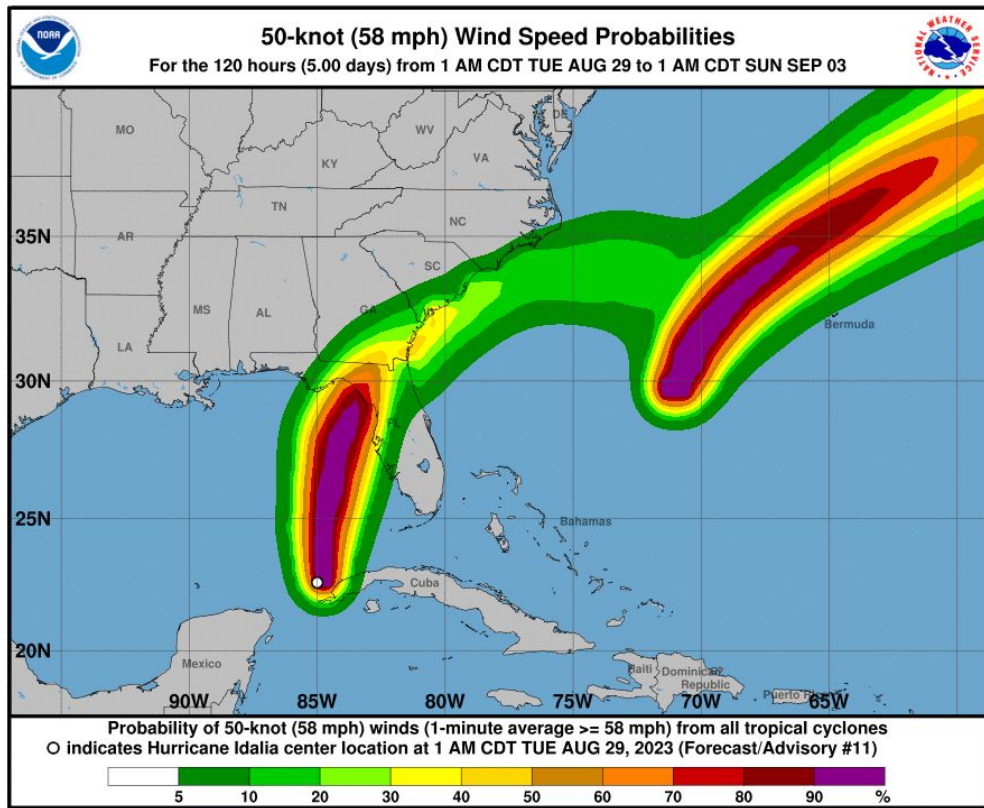


- The probability for tropical storm force winds is increasing.
- The highest probability for tropical storm force winds remains near the coast and over the water.
- Tropical storm conditions could begin as early as Wednesday night.



50 kt (58 mph) Wind Speed Probabilities

Hurricane Idalia



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



Rip Currents/Beach Erosion/Overwash

Hurricane Idalia

RIP CURRENTS

Know your options

The diagram illustrates the flow of rip currents. It shows a beach with waves breaking onto the shore. A gap in the sandbars allows water to flow away from the beach, labeled as "RIP CURRENT". Swimmers are shown being pulled away from the shore. Red arrows labeled "ESCAPE" point towards the shore, indicating the direction of escape. Black arrows labeled "CURRENT" point away from the shore, indicating the direction of the rip current. A lifeguard is 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

Hurricane 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.



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



Inundation of low-lying areas possible.



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



Dangerous marine conditions expected across the coastal waters.



Local Resources

Hurricane Idalia

Next Briefing:
630 PM This Evening
Method: Email



Web: www.weather.gov/mhx



Phone: (252) 223-5737 EXT 6



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