



Hurricane Idalia Briefing

7 AM EDT

Wednesday, Aug 30, 2023

What has changed: Tropical Storm Watch upgraded to Tropical Storm Warning.



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</p>	<p>This afternoon through Thursday night.</p>
 <p>Tornado</p>	<p>Moderate impacts.</p> <p>Enhanced areas of damage.</p>	<p>Eastern NC, but especially near the southern coast.</p>	<p>Tonight through Friday.</p>
 <p>Storm Surge & Inundation</p>	<p>Moderate impacts.</p> <p>Localized inundation, moderate beach erosion, ocean overwash.</p>	<p>Oceanside: the entire coast. Soundside: Outer Banks from Buxton through Ocracoke, Downeast Carteret, Neuse, Pamlico, and Pungo Rivers.</p>	<p>Tonight through Friday.</p>



Situation Overview

Hurricane Idalia

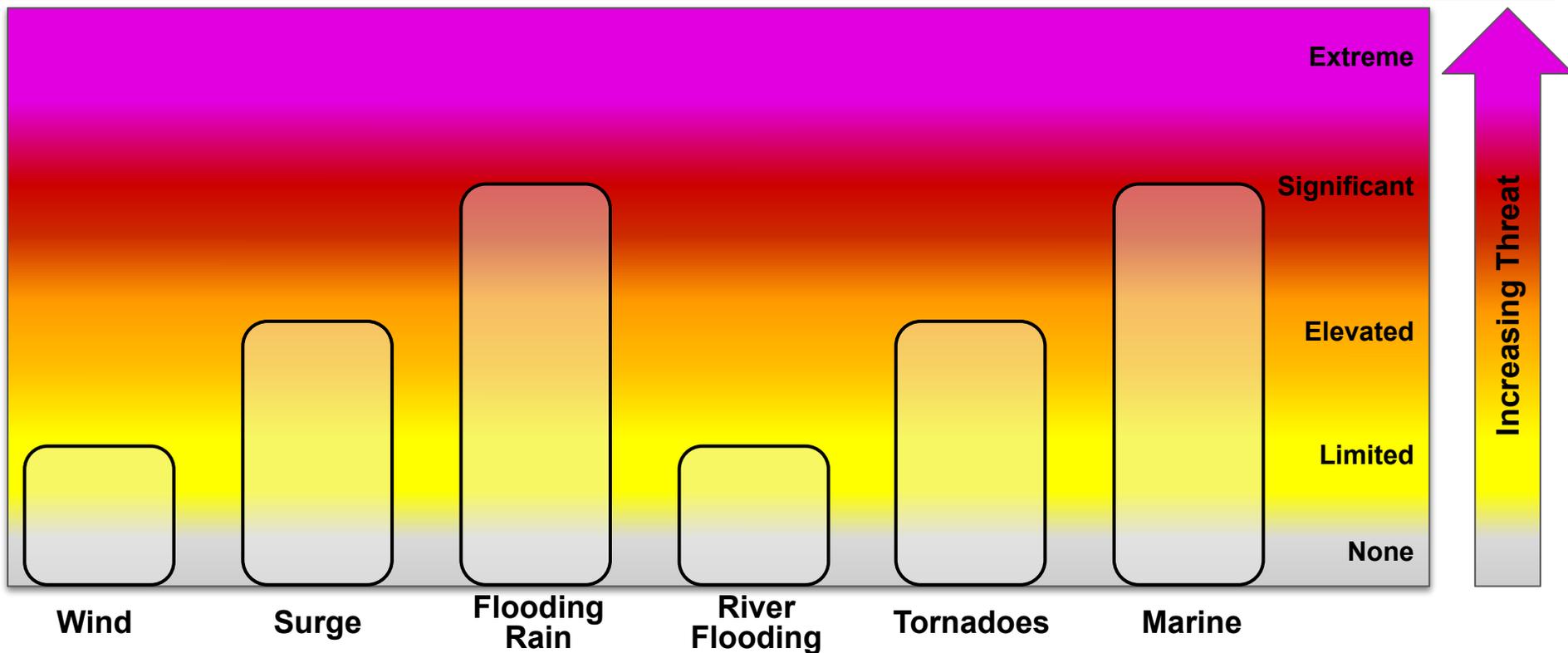
Hazard	Impacts	Location	Timing
 An icon showing a tree being blown over by a strong wind, with a hand pointing towards the tree.	<p>Limited impacts.</p> <p>Scattered power outages.</p>	<p>Especially along the coast and Outer Banks.</p>	<p>Thursday morning through Friday.</p>
 An icon of a large, curling wave crashing over a rocky shore.	<p>Significant impacts.</p> <p>Large dangerous seas, tropical storm force winds will produce life threatening conditions to mariners.</p>	<p>All coastal waters and Sounds.</p>	<p>Today through Friday.</p>



Threat Levels

Hurricane Idalia

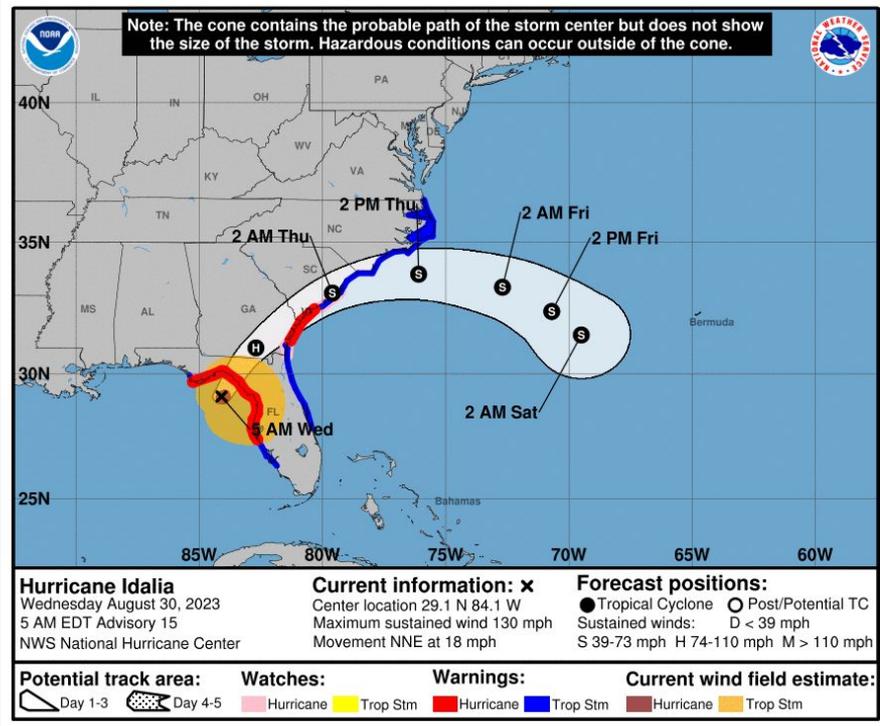
For information on specific hazards in this area, please go to: <https://www.weather.gov/srh/tropical?office=mhx>





Situation Overview

Hurricane Idalia



- Hurricane Idalia is forecast to make landfall in northwest FL this morning as a Major Hurricane.
- On the current track, impacts may be felt in our area as early as tonight.
- Idalia is forecast to approach Eastern North Carolina as a Tropical Storm Thursday with impacts lingering into Friday.

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



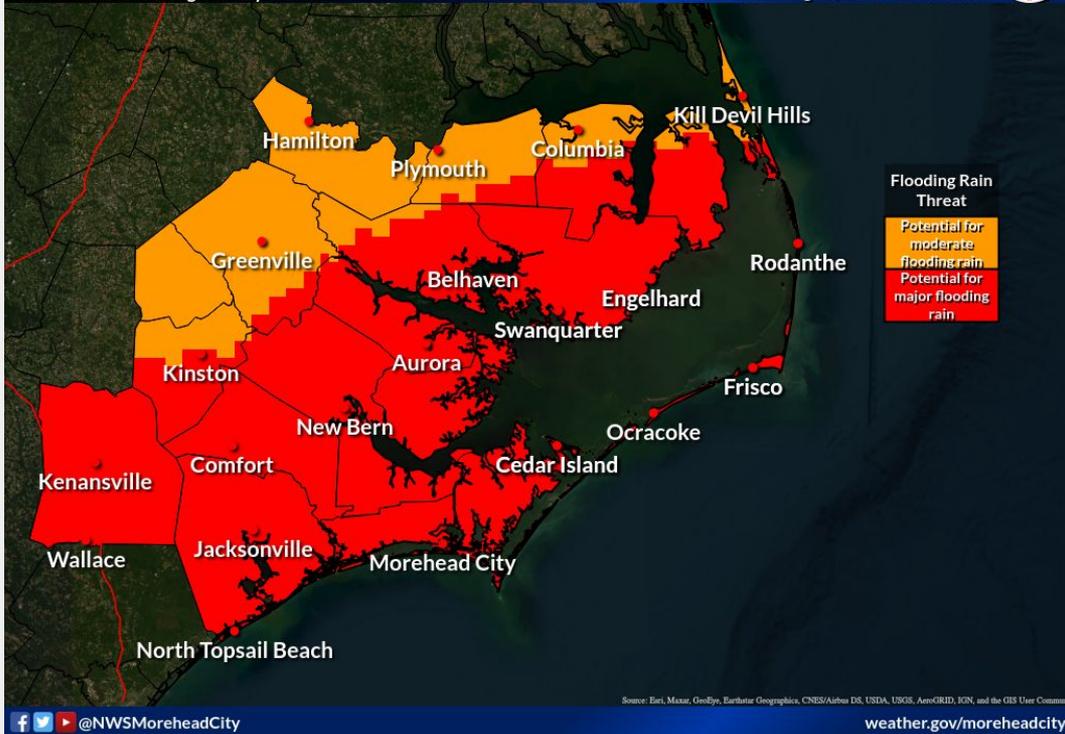
Inland Flooding Impacts

Hurricane Idalia

Flooding Rain Threat

This Afternoon through Friday

Weather Forecast Office
Newport/Morehead City, NC
Issued Aug 30, 2023 4:55 AM EDT

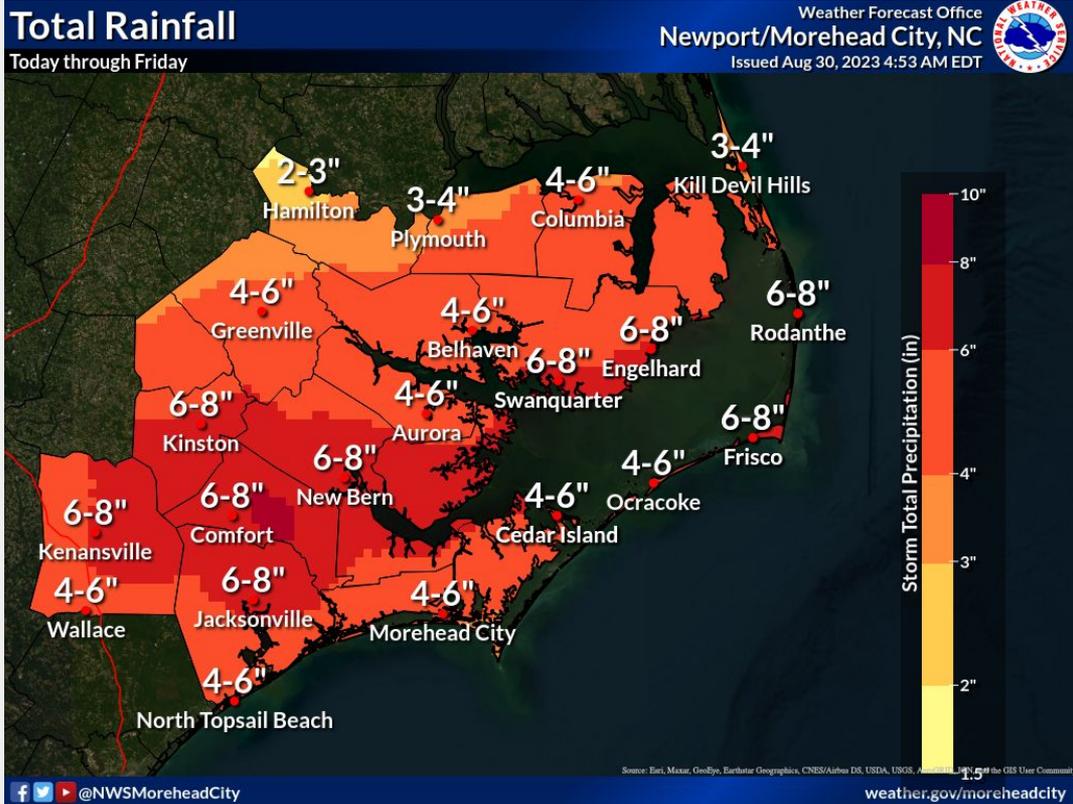


- Areas outlined in red have the greatest potential for significant flash flooding this afternoon through Thursday.



Expected Storm Total Rainfall

Hurricane Idalia

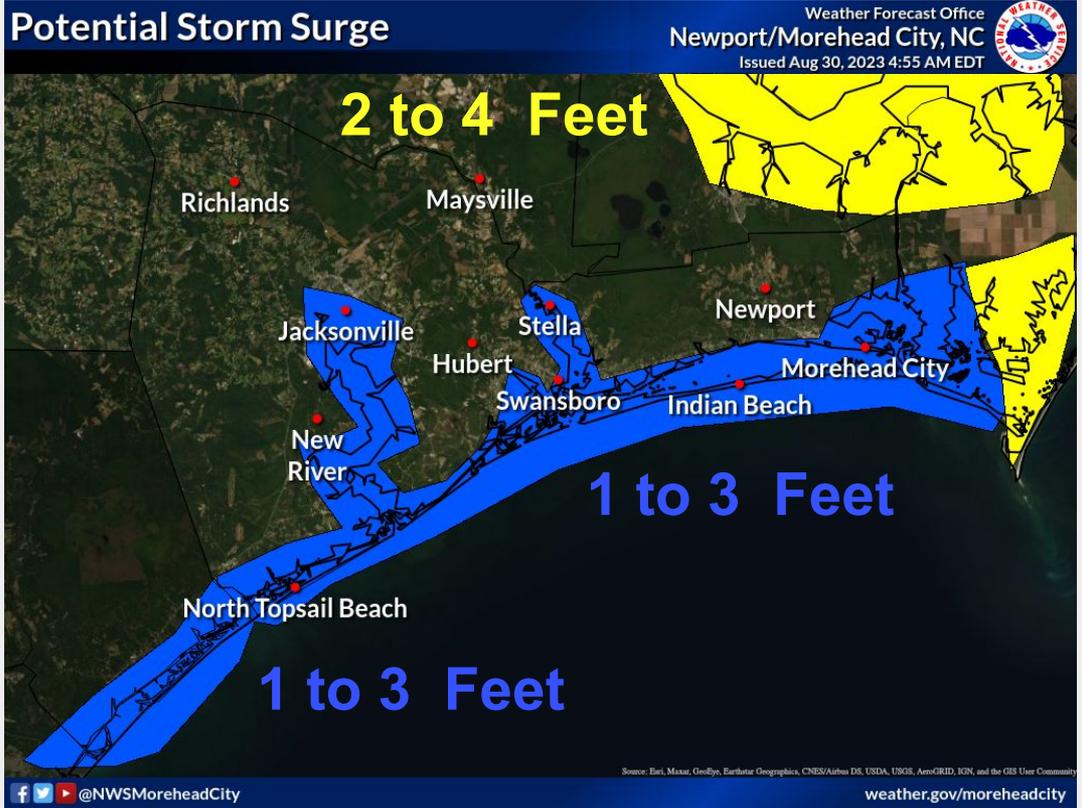


- An average of **3" to 8"** of rain will be possible across Eastern NC, with isolated totals **up to 10"** possible.
- Significant urban and flash flooding is expected.
- There is potential for **Minor to Moderate River Flooding** from heavy rainfall.



Potential Storm Surge Impacts

Hurricane Idalia



- Moderate impact
(Yellow shaded areas):
Areas of inundation with moderate damage to marinas, docks.

- Elevated impact
(Blue Shaded Areas):
Localized inundation, mainly along immediate shorelines and in low-lying spots.

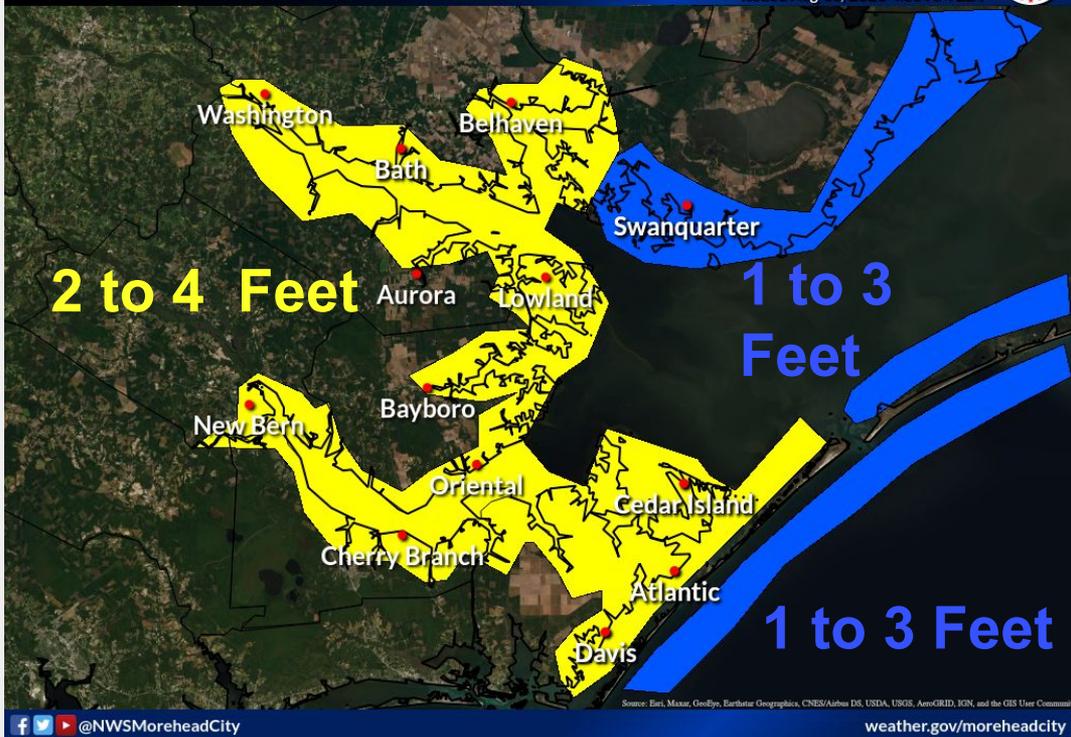


Potential Storm Surge Impacts

Hurricane Idalia

Peak Storm Surge Through Friday

Weather Forecast Office
Newport/Morehead City, NC
Issued Aug 30, 2023 4:55 AM EDT



- Moderate impact

(Yellow shaded areas):

Areas of inundation with moderate damage to marinas and docks.

- Elevated impact

(Blue Shaded Areas):

Localized inundation, mainly along immediate shorelines and in low-lying spots.

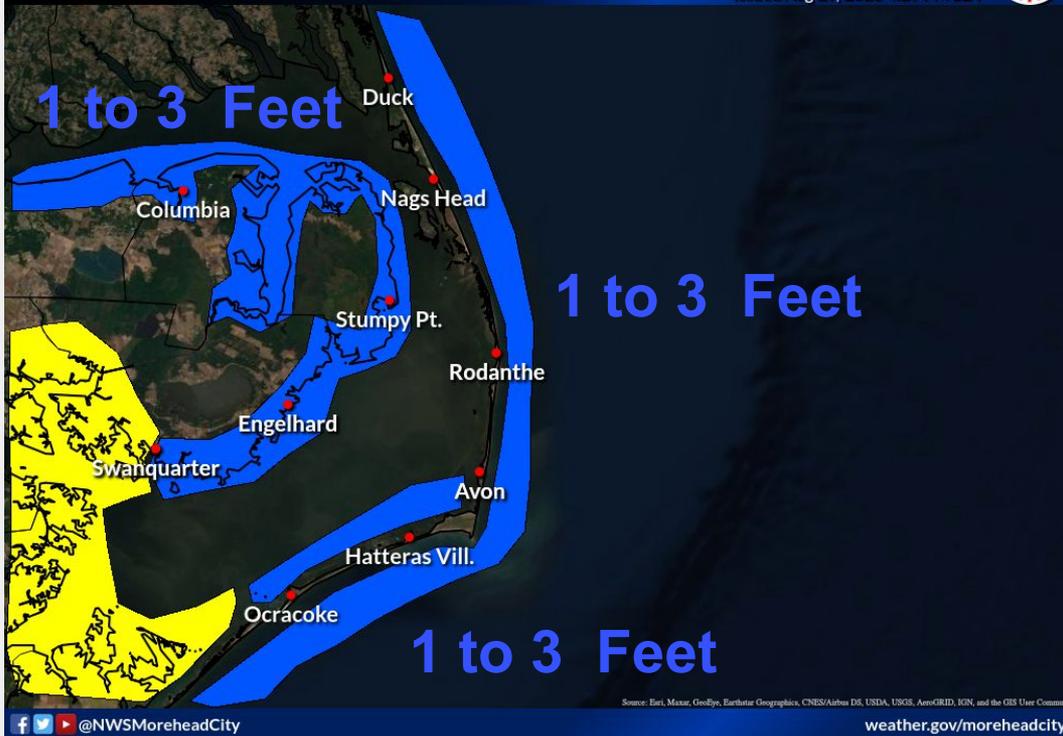


Potential Storm Surge Impacts

Hurricane Idalia

Peak Storm Surge Through Friday

Weather Forecast Office
Newport/Morehead City, NC
Issued Aug 29, 2023 4:29 PM EDT



- Elevated impact

(Blue Shaded Areas):

Localized inundation, mainly along immediate shorelines and in low-lying spots.

Ocean overwash, possibly impacting NC-12, especially at periods of high tide.

Moderate beach erosion.



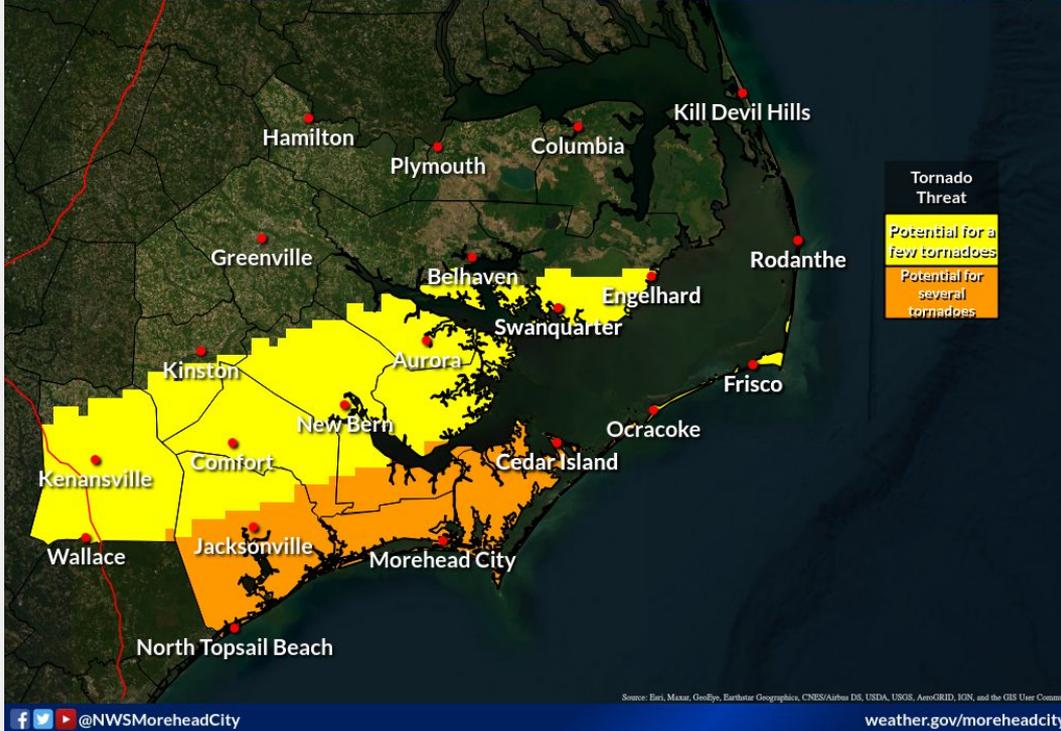
Potential Tornado Impacts

Hurricane Idalia

Tornado Threat

This Afternoon through Thursday

Weather Forecast Office
Newport/Morehead City, NC
Issued Aug 30, 2023 4:56 AM EDT



- Highest threat shaded in **Orange**
- Main threat of tornadoes will be from this afternoon through Thursday.
- Enhanced areas of damage possible.
- Nighttime tornadoes are particularly dangerous! Have multiple ways to receive warnings, and at least one that can wake you up at night!



Wind Threat / Potential Impact

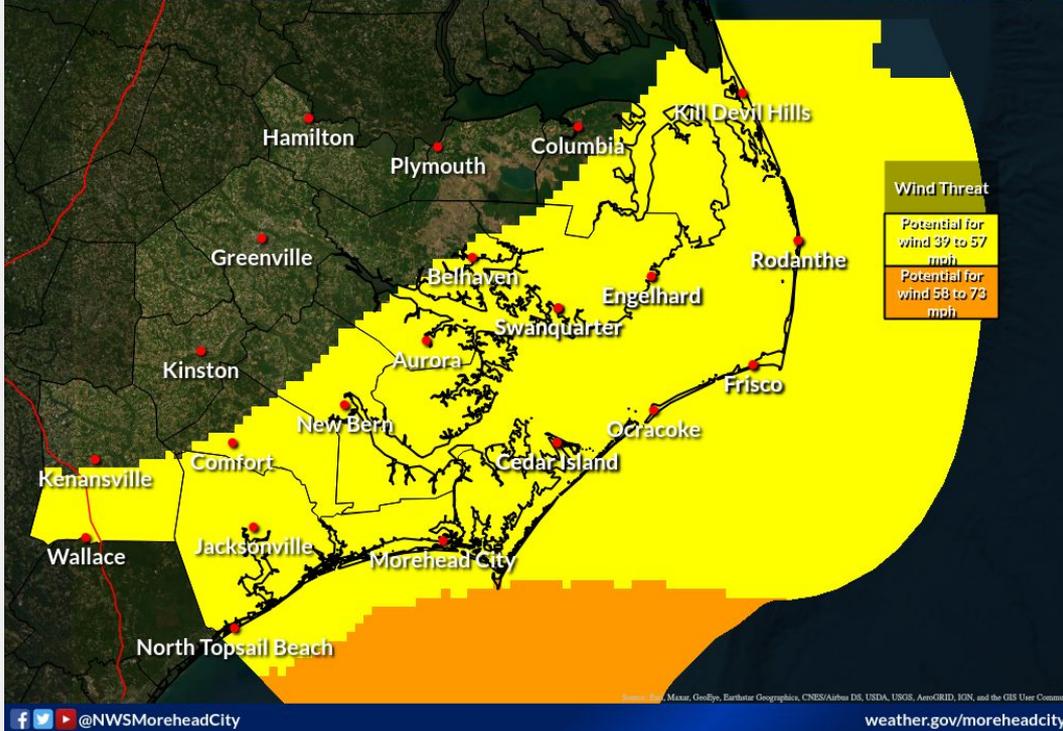
Hurricane Idalia

Wind Threat

Tonight through Friday

Weather Forecast Office
Newport/Morehead City, NC

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There is a potential for:

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



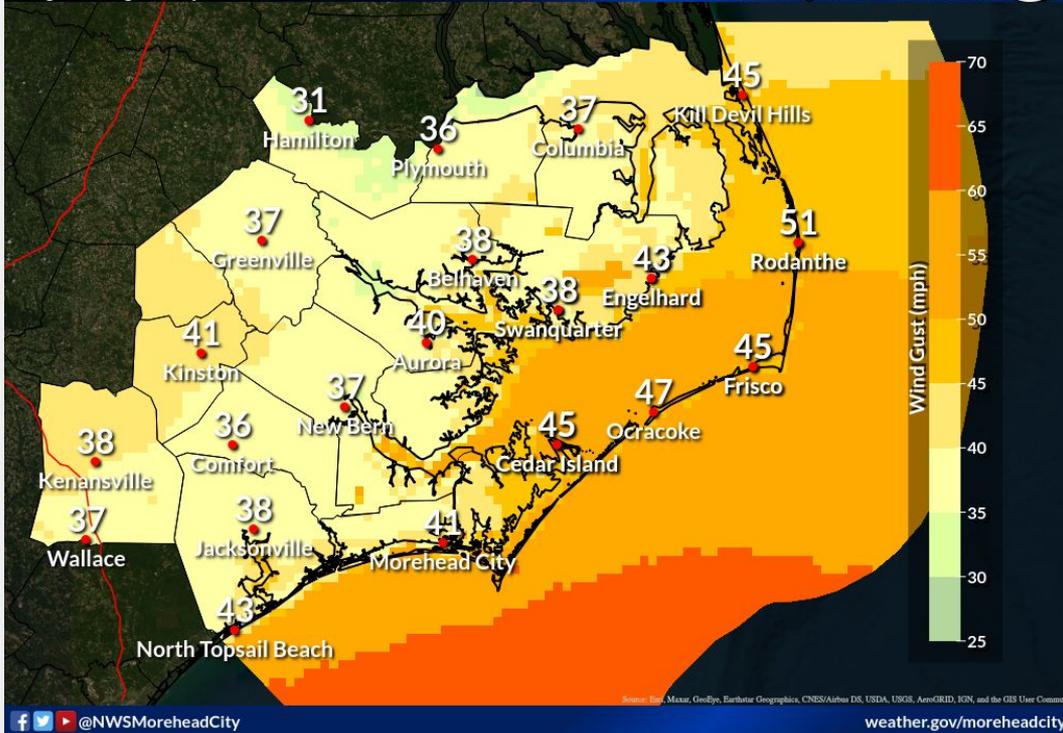
Maximum Wind Gusts

Hurricane Idalia

Maximum Wind Gusts

Tonight through Friday

Weather Forecast Office
Newport/Morehead City, NC
Issued Aug 30, 2023 5:02 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 are anticipated Thursday through Thursday evening.

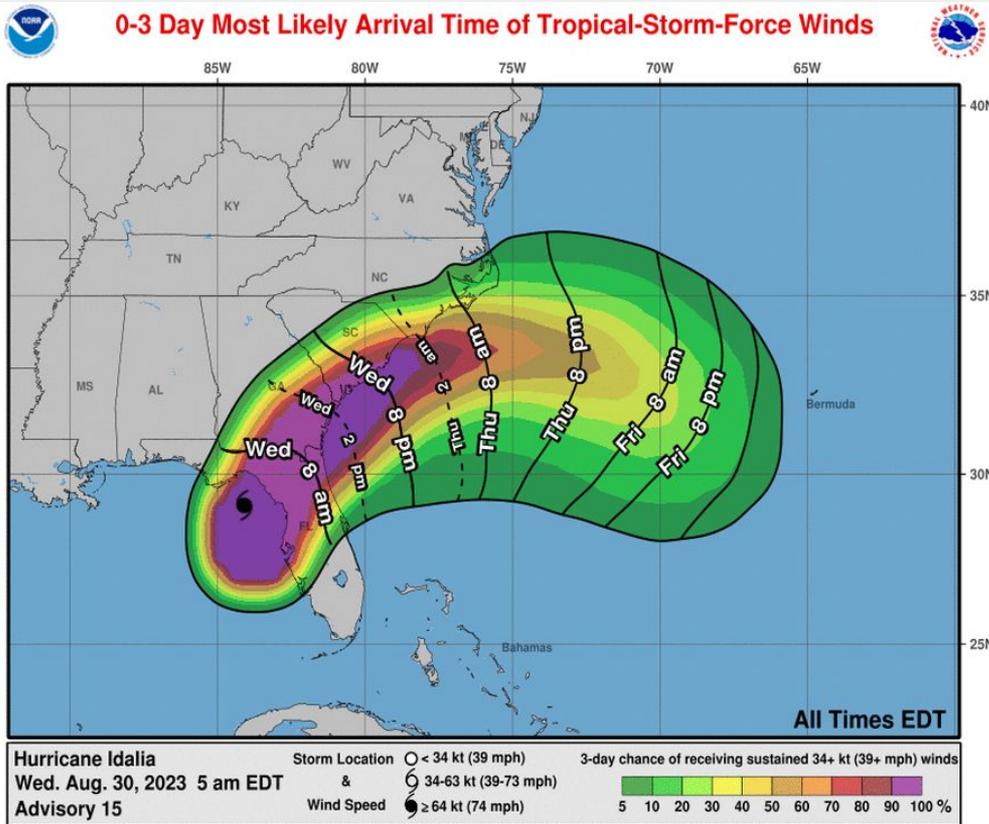
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Most Likely Time of Arrival

Hurricane Idalia



- The most likely time this area could see Tropical Storm Force Winds will be Thursday.
- The earliest reasonable time of arrival of Tropical Storm Force Winds for Eastern North Carolina is overnight tonight.



Tropical Storm Wind Speed Probabilities

Hurricane Idalia

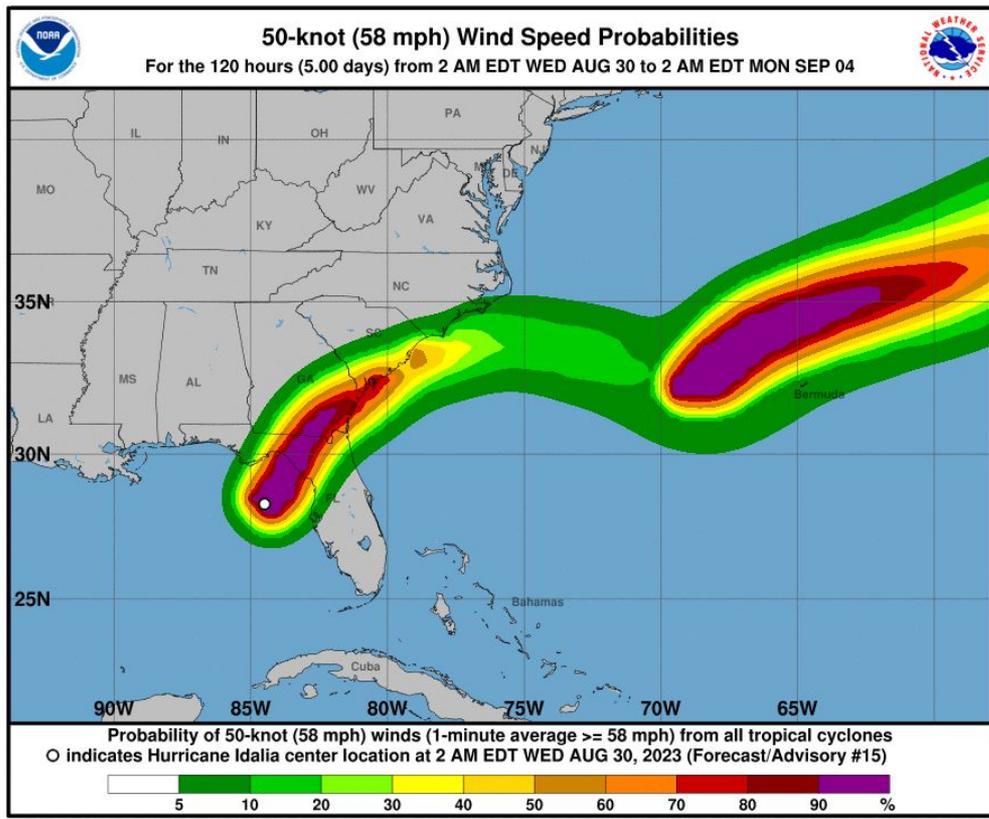


- The probability for tropical storm force winds is increasing.
- The highest probability for tropical storm force winds remains near the coast and over the southern waters.
- Tropical storm conditions could begin as early as tonight.



50 kt (58 mph) Wind Speed Probabilities

Hurricane Idalia

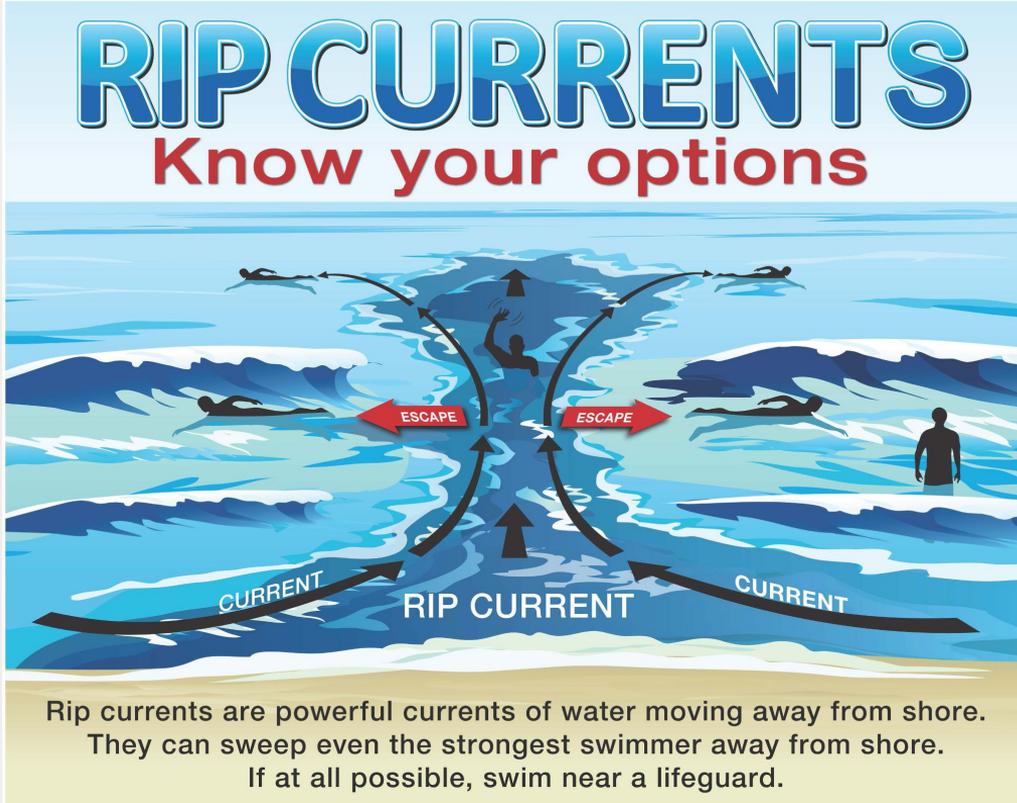


- Threat of 50 kt winds is steady.
- Highest threat remains south of Oregon Inlet.



Rip Currents/Beach Erosion/Overwash

Hurricane Idalia



- **Dangerous Rip Currents** from distant Major Hurricane Franklin continues.
- Beach erosion and ocean overwash continuing through Friday.



Key Take-Aways

Hurricane Idalia

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



Significant impacts from flash flooding possible - 3" to 8"+ of rain.



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



Inundation of low-lying areas possible, especially for areas adjacent to the southern Pamlico Sound including the Neuse, Bay, Pamlico, and Pungo Rivers.



Tropical storm force winds possible especially toward the coast and Outer Banks.



Dangerous marine conditions expected across the coastal waters.



Local Resources

Hurricane Idalia

Next Briefing:
6 PM Wednesday
Method: Email



Web: www.weather.gov/mhx



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