



# HURRICANE ISAIAS BRIEFING

6:00 AM EDT

Saturday, August 1, 2020

*Prepared by: WFO Morehead City, NC*

What has changed: Arrival timing of wind slightly slower. Increasing confidence we will see impacts from Isaias. Specific impacts highly dependent on track forecast.

Next Briefing: Saturday, August 1, by 630 pm EDT

*Disclaimer: The information contained within is time-sensitive. Do not use after 5:00pm EDT Saturday.*


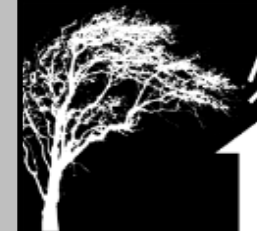
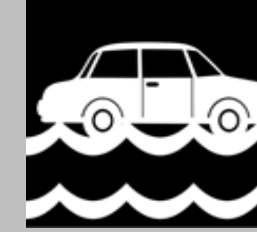

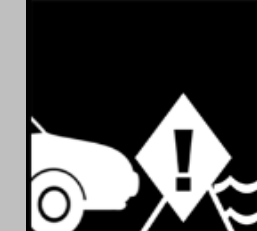


# Situation Overview

Hurricane Isaias



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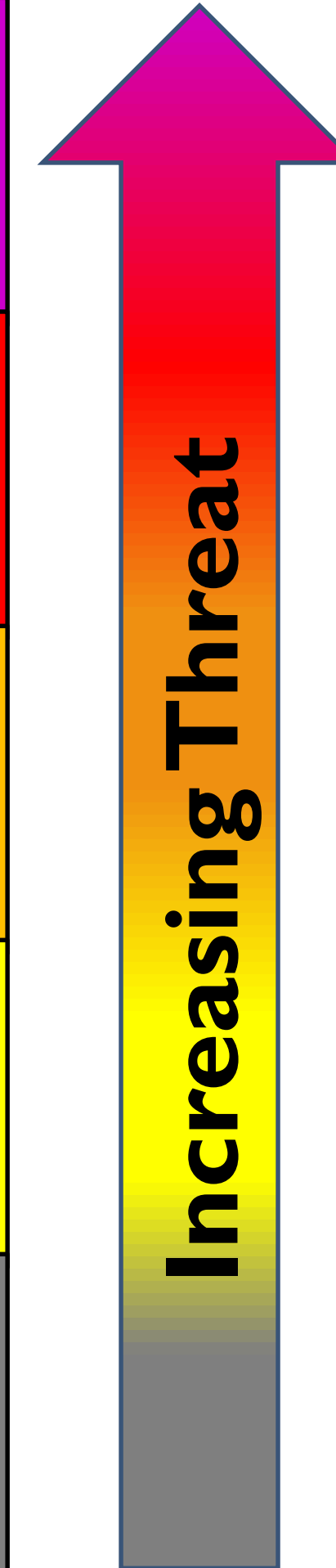
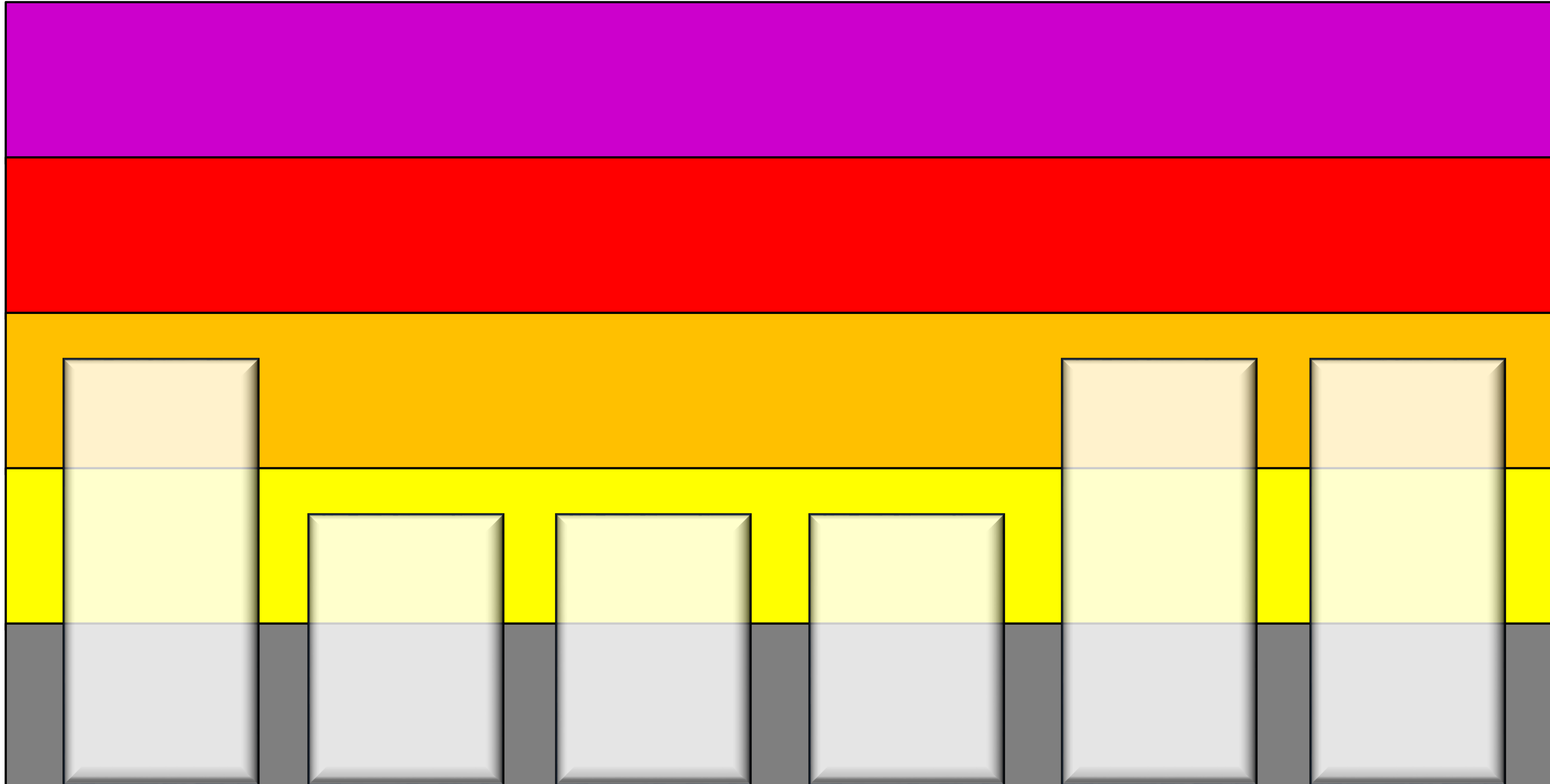
Hazard	Impacts	Location	Timing
Marine 	High risk for rip currents. There is the potential for dangerous marine conditions	All coastal and nearshore waters	Rip currents through early next week. Other marine conditions Monday morning through Tuesday
Wind 	The threat for wind continues to increase. Potential for hurricane force winds. Downed trees, power outages possible.	Anywhere in Eastern North Carolina	Monday afternoon through Tuesday morning
Storm Surge/ Inundation 	There is the potential for storm surge inundation. Still too early to be specific.	Anywhere along the coast of Eastern North Carolina	Monday afternoon through Tuesday morning
Tornado 	There is an increasing threat for tornadoes	Anywhere in Eastern North Carolina	Monday afternoon through Tuesday morning
Flooding Rain 	There is a potential for localized flooding but the fast movement of the storm should limit the overall threat	Anywhere in Eastern North Carolina	Monday afternoon through Tuesday morning

# Threat Levels

Hurricane Isaias



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For information on specific hazards in this area, please go to [weather.gov/mhx/tropical](https://www.weather.gov/mhx/tropical)

Wind

Surge

Rainfall/  
Flash Flooding

River  
Flooding

Tornadoes

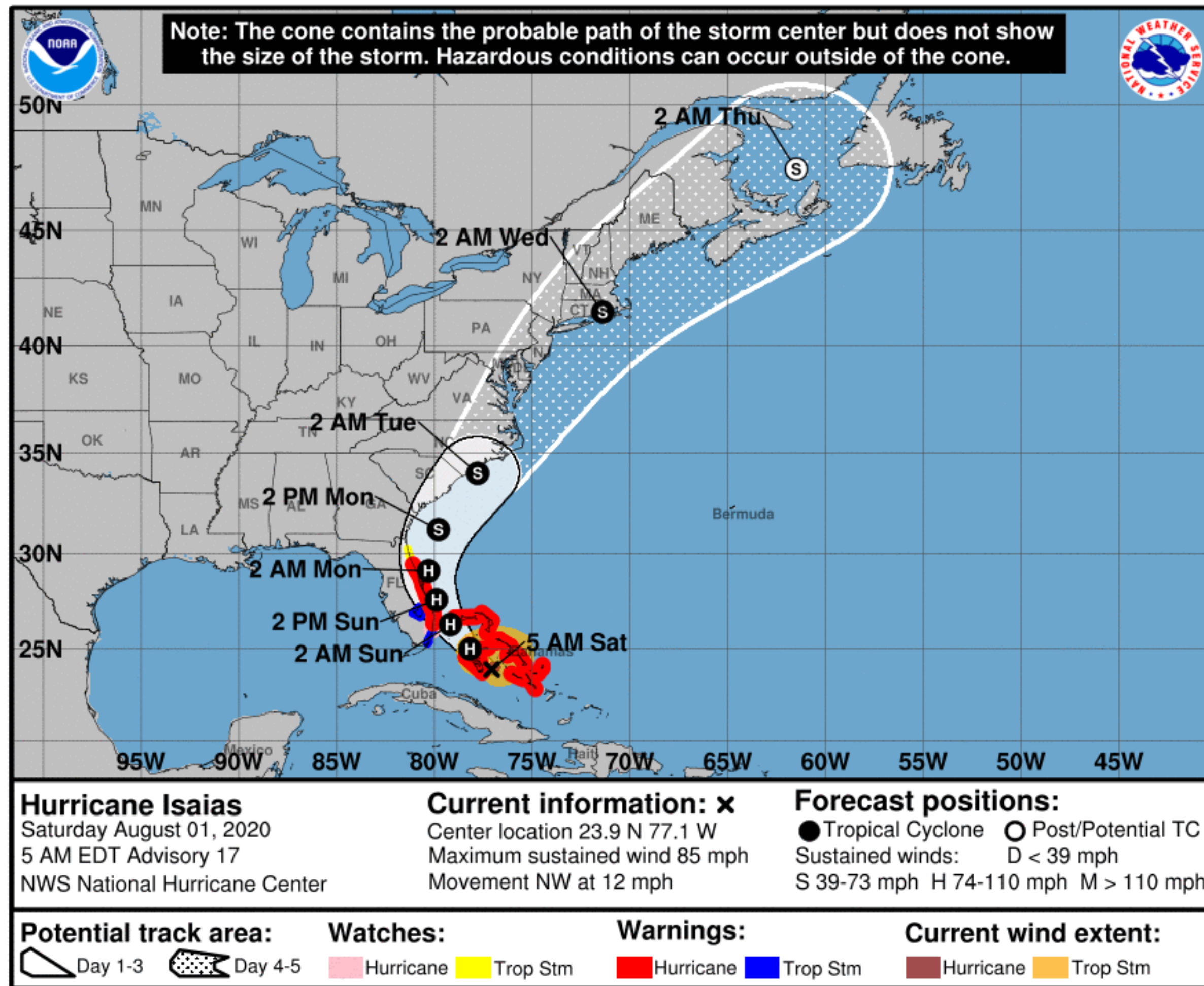
Marine

# Situation Overview

## Hurricane Isaias



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

- Hurricane Isaias has current intensity of 85 mph.
- First impacts from this system are **increased swell/rip current risk** arriving **NOW** through early next week.
- Confidence in track forecast is **high** at this time but confidence is **medium for timing and intensity**. Small changes in track can result in big changes in expected impacts.
- **Now** is the time to check your **hurricane plan** and supplies. We are entering the most active portion of hurricane season. More info found at [weather.gov/mhx/hurricaneprep](https://www.weather.gov/mhx/hurricaneprep)

# High Risk For Rip Currents

Hurricane Isaias

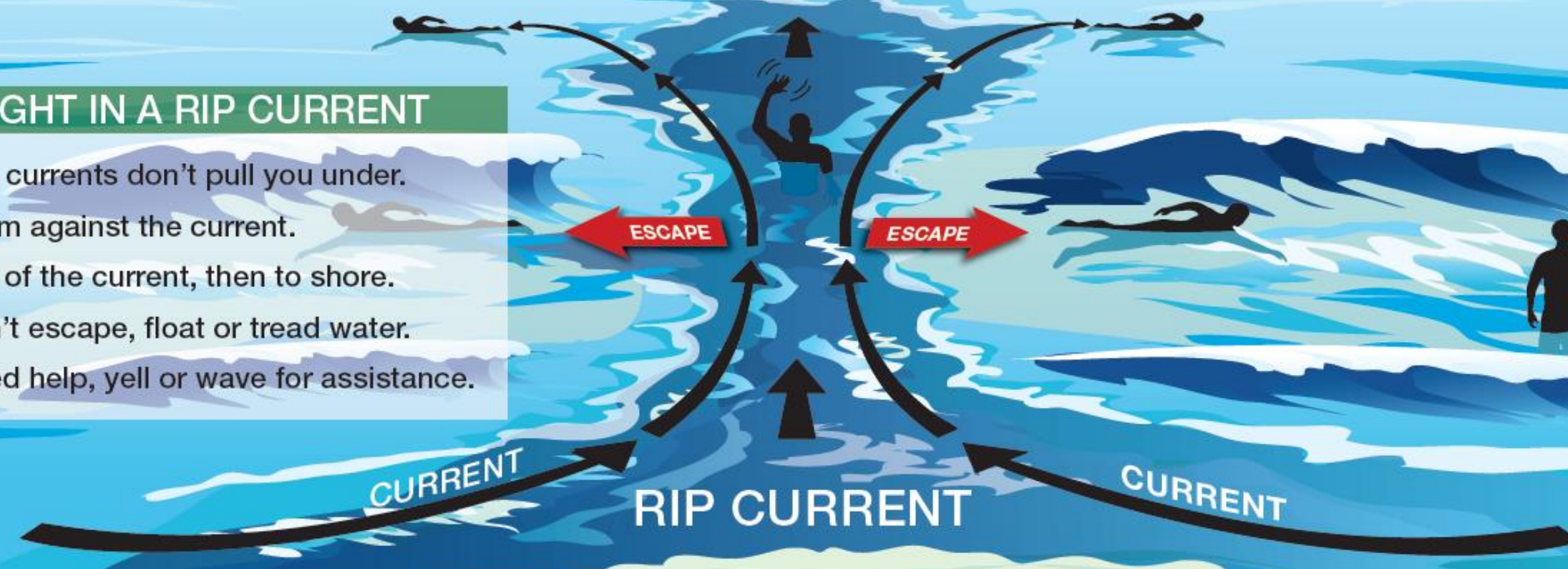


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## RIP CURRENTS KNOW YOUR OPTIONS

### IF CAUGHT IN A RIP CURRENT

- Relax, rip currents don't pull you under.
- Don't swim against the current.
- Swim out of the current, then to shore.
- If you can't escape, float or tread water.
- If you need help, yell or wave for assistance.



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.

## Impacts

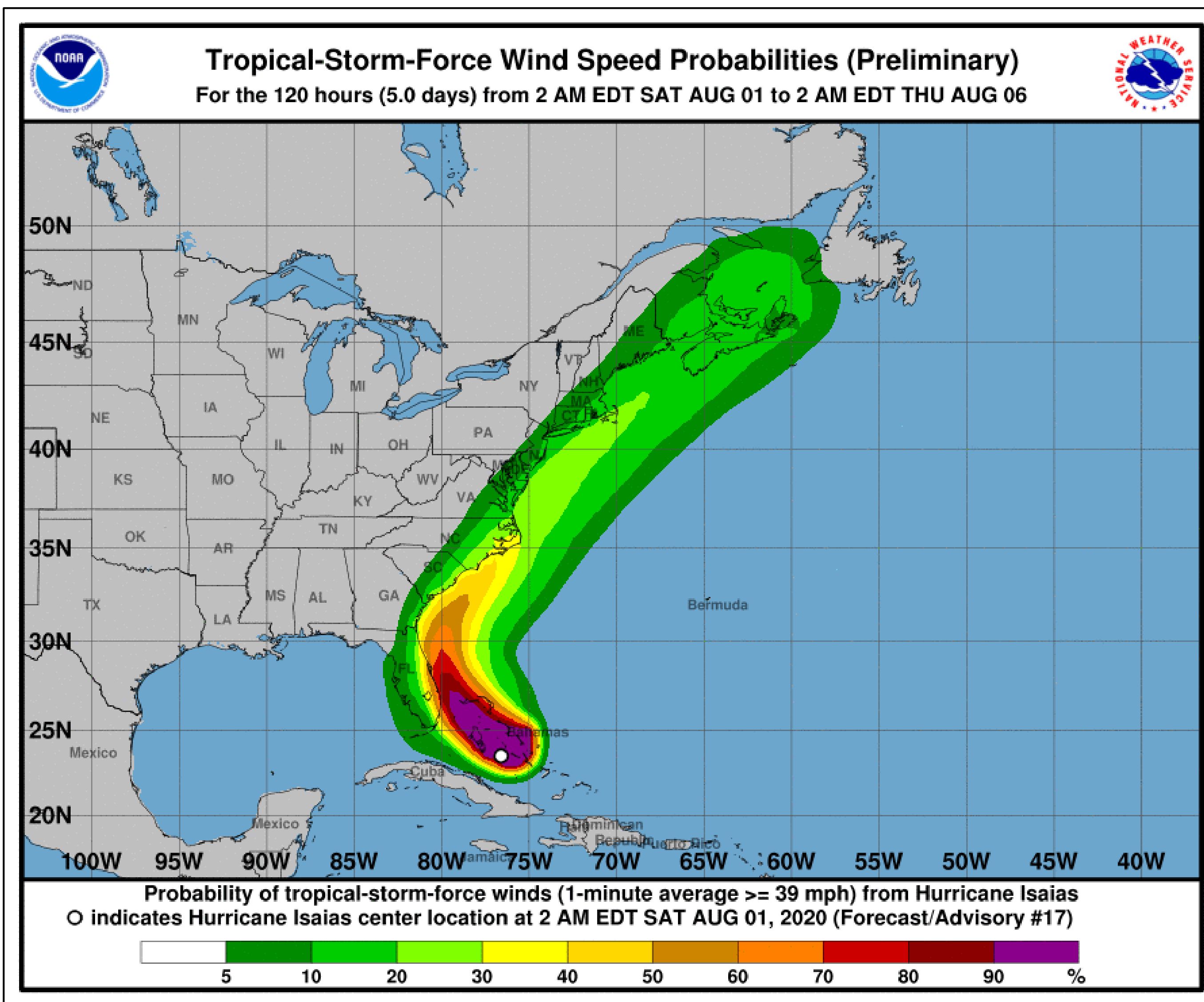
- Increased swell is producing very dangerous swimming conditions **now through early next week.**
- Visit the [Beach Forecast Page](#) (experimental) for the latest beach conditions and forecast.

# TS Wind Speed Probabilities

Hurricane Isaias



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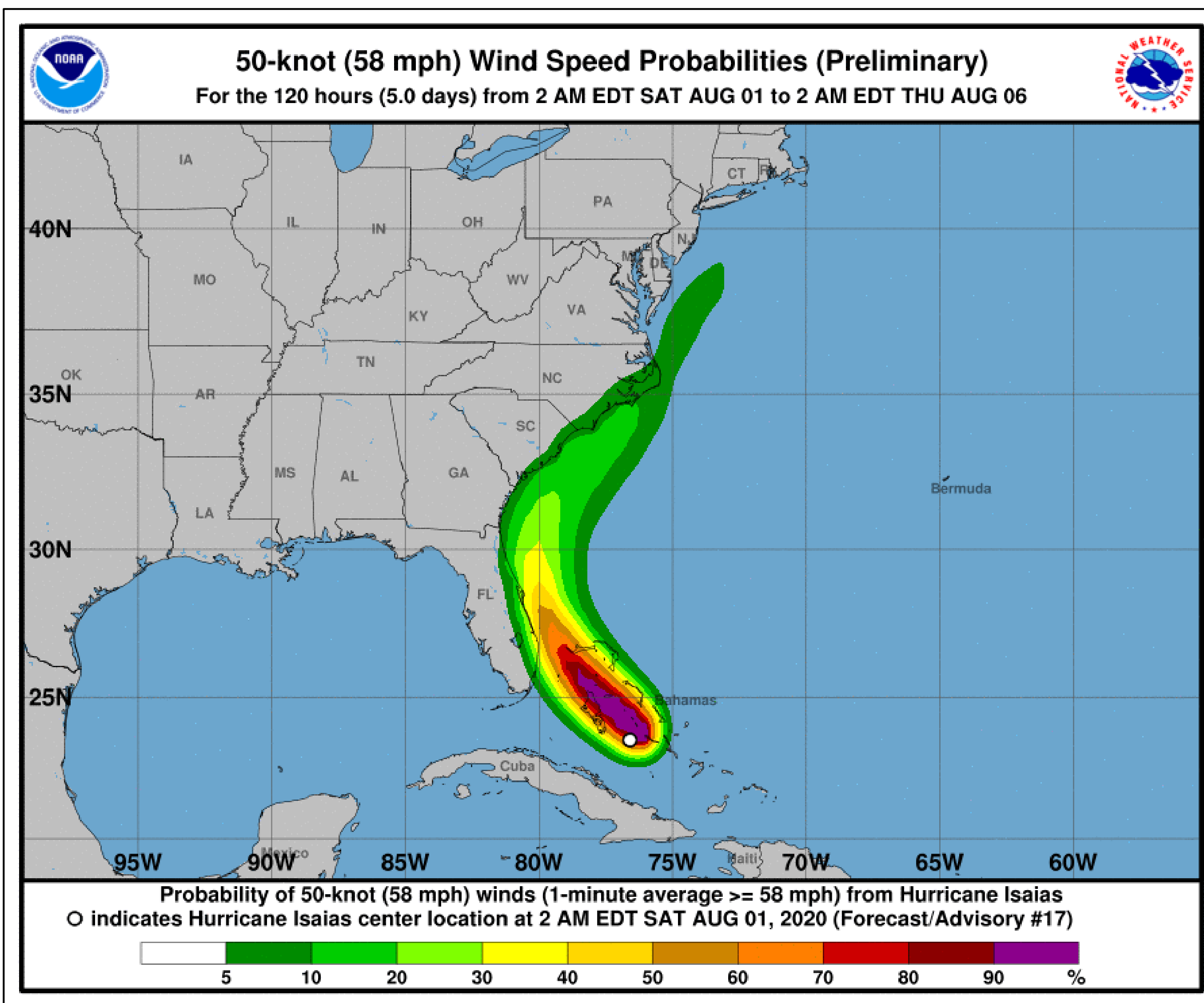
- The threat for tropical storm force winds continues to increase, especially along the coast.
- Tropical Storm conditions could begin as early as sometime Monday evening.

# 50kt Wind Speed Probabilities

Hurricane Isaias



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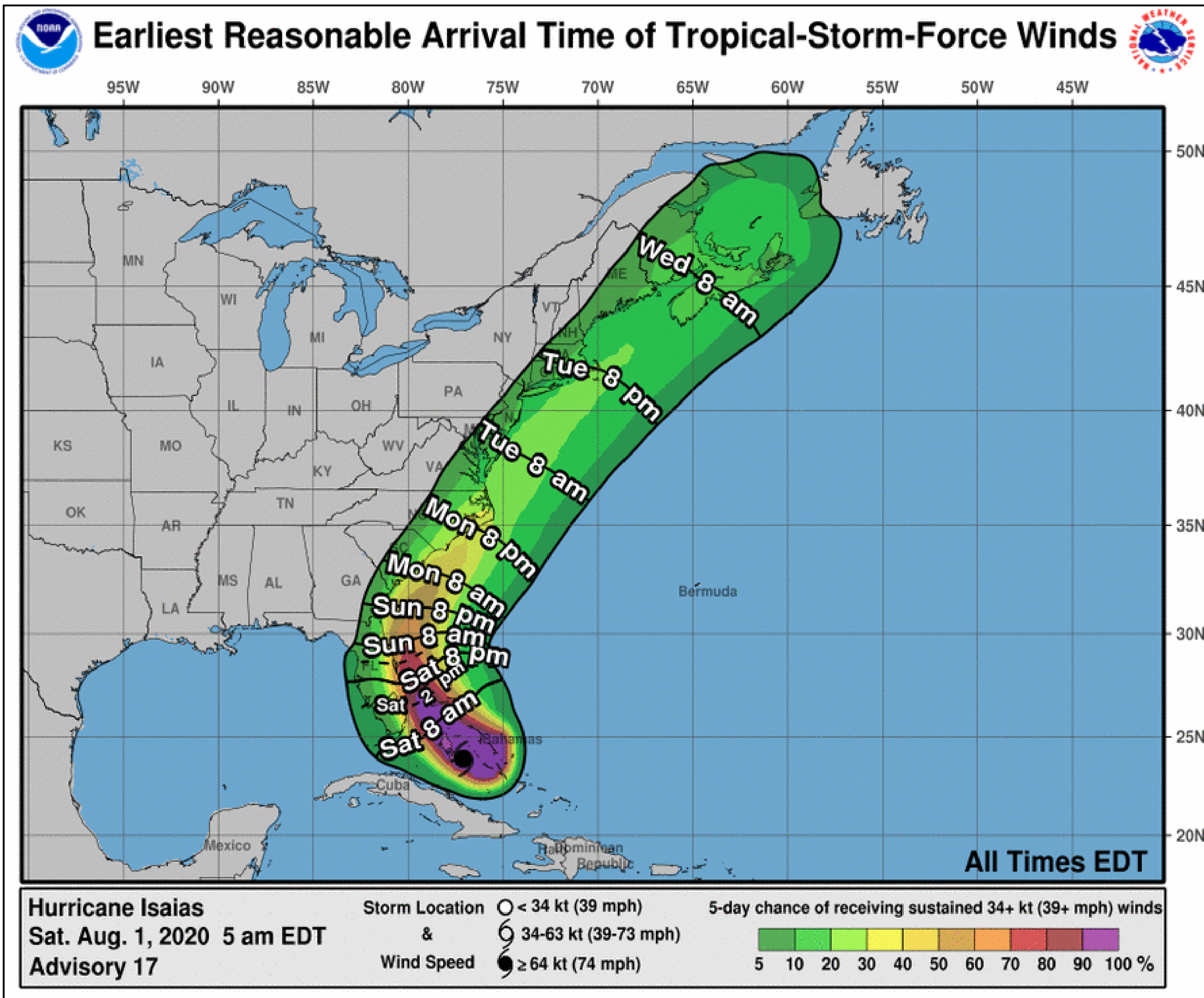
- The threat for 50 knot winds is increasing, especially along the coast and over the nearshore waters.

# Earliest Reasonable Time of Arrival

Hurricane Isaias



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- The earliest reasonable time of arrival of Tropical Storm Force Winds is sometime Monday evening
- However, the most likely time this area could see Tropical Storm Force Winds will be late Monday night or early Tuesday morning

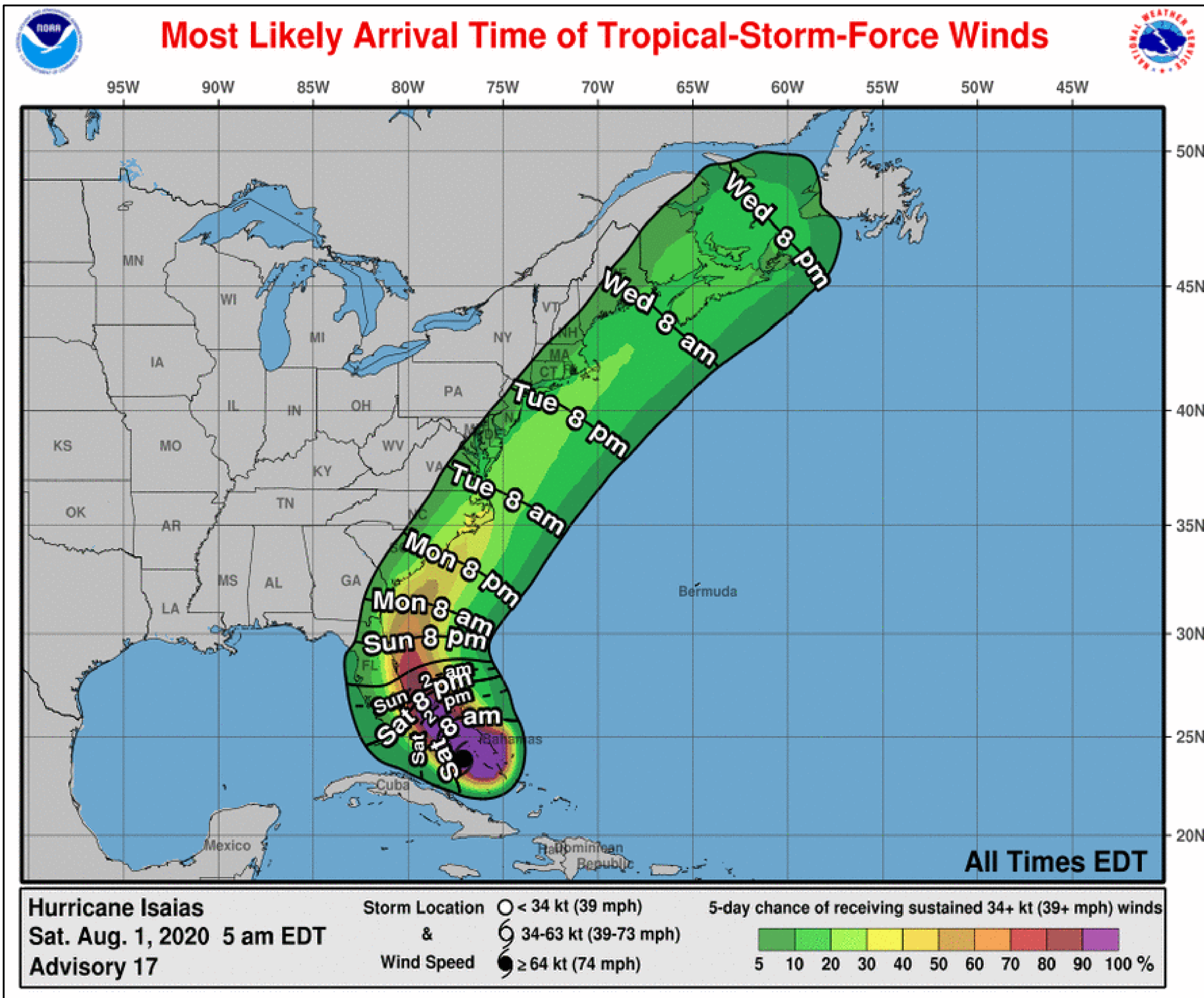


# Most Likely Time of Arrival

Hurricane Isaias



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- The most likely time of arrival of Tropical Storm Force Winds is late Monday night or early Tuesday morning
- However, we could see Tropical Storm Force Winds as early as sometime Monday evening

# Storm Total Rainfall

Hurricane Isaias

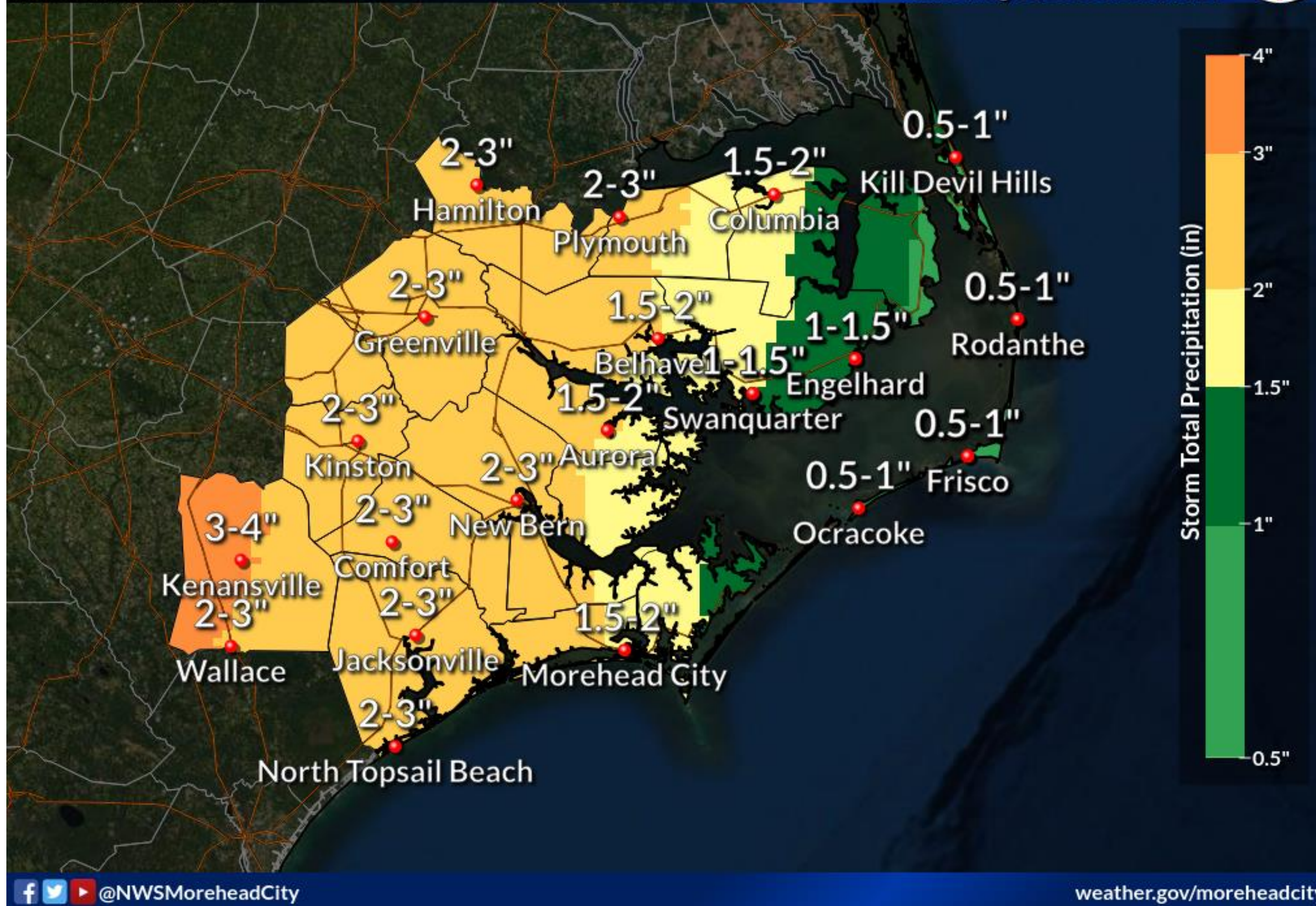


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## Hurricane Isaias

Storm Total Rainfall

Weather Forecast Office  
Newport/Morehead City, NC  
Issued Aug 01, 2020 5:33 AM EDT



- Based on current track and intensity
- Localized flooding is possible where bands of the heaviest rain fall
- The highest risk areas now, may shift based on track and intensity changes
- Localized higher amounts are possible

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# Maximum Sustained Wind

Hurricane Isaias

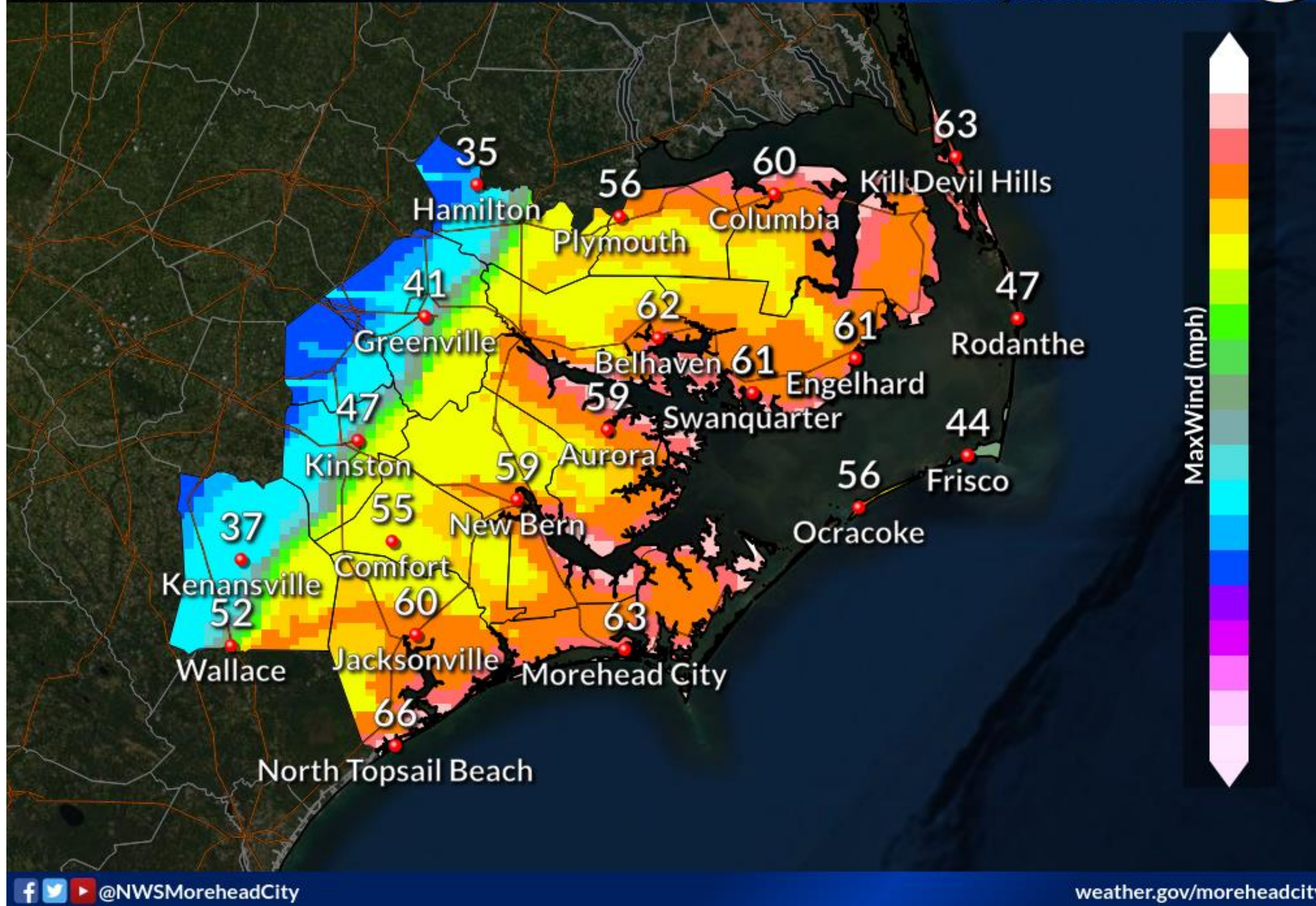


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## Hurricane Isaias

Maximum Sustained Wind

Weather Forecast Office  
Newport/Morehead City, NC  
Issued Aug 01, 2020 5:34 AM EDT



- Based on current track and intensity
- Potential for power outages and downed trees
- The highest risk areas and expected wind speeds now, may shift based on track and intensity changes

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# Maximum Wind Gust

Hurricane Isaias

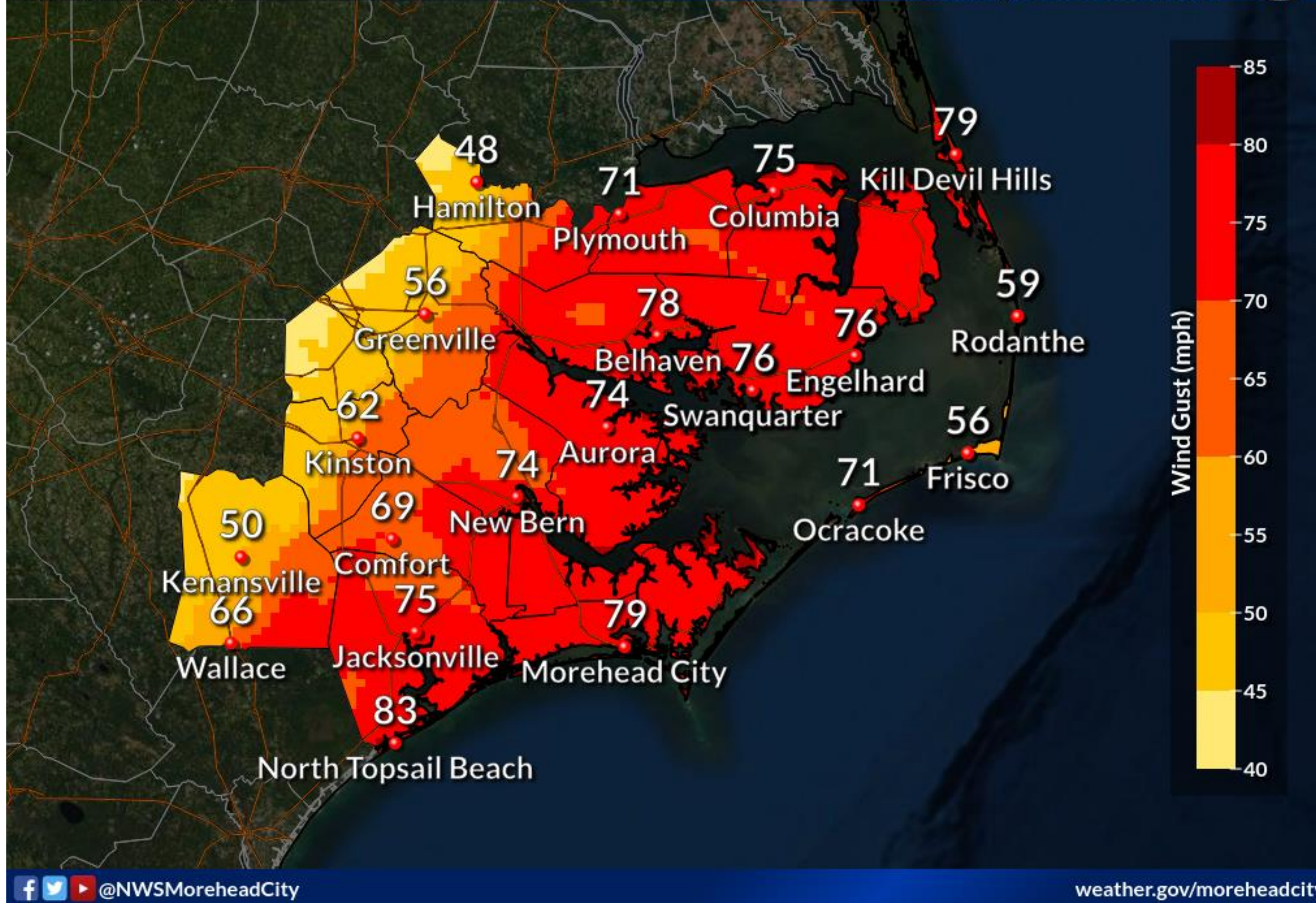


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## Hurricane Isaias

Maximum Wind Gust

Weather Forecast Office  
Newport/Morehead City, NC  
Issued Aug 01, 2020 5:35 AM EDT



- Some gusting to hurricane force possible.
- Location of highest winds and overall hurricane intensity highly dependent upon track forecast at this time and will likely change.
- Check back often for future updates.

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# Key Take-Aways

Hurricane Isaias



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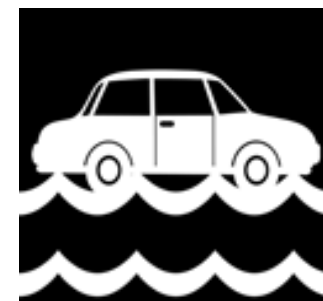
- ✓ Confidence is HIGH that the event will occur
- ✓ Confidence is MEDIUM regarding impacts



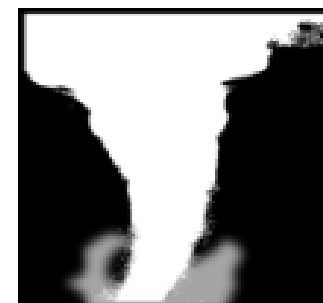
High risk for rip currents now through early next week.



Tropical storm force winds possible as early as Monday evening, but most likely sometime late Monday night or early Tuesday morning. Potential for hurricane force winds, power outages, downed trees.



Storm surge inundation possible along the coast and local sounds/rivers.



An increasing threat for tornadoes.



Localized heavy rain possible but storm motion may limit overall threat.



*The Next Briefing:  
By Saturday (August 1st) 6:30 PM EDT  
Method: [Email]*



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*For the latest graphics and information go to: [www.hurricanes.gov](http://www.hurricanes.gov) or [weather.gov/mhx/tropical](http://weather.gov/mhx/tropical)*