



HURRICANE ISAIAS BRIEFING

6:30 PM ET

Friday, July 31, 2020

Prepared by: WFO Morehead City, NC

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

Next Briefing: Saturday, August 1, by 700 am EDT

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


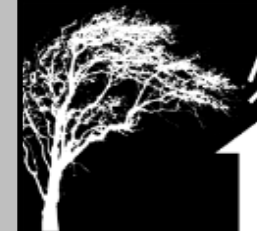
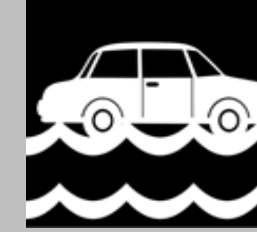
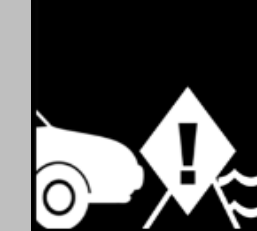



Situation Overview

Hurricane Isaias



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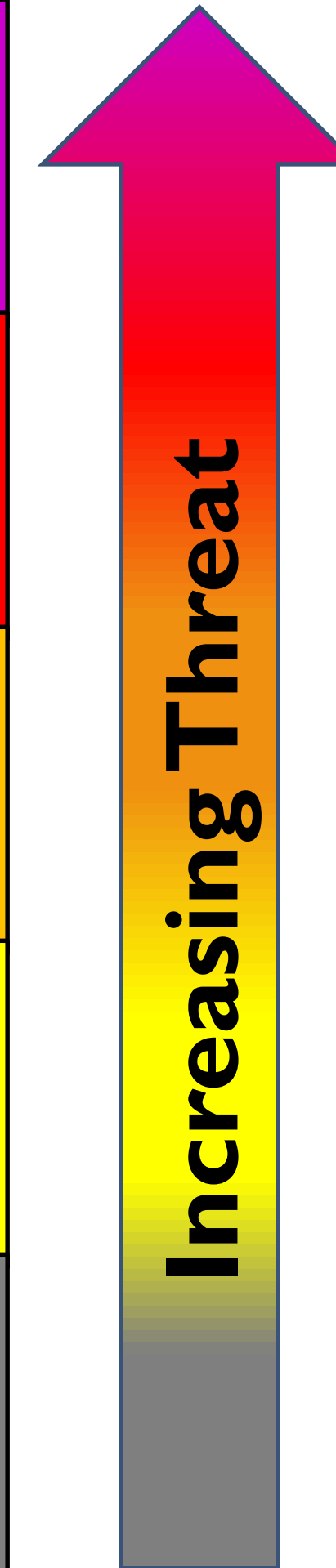
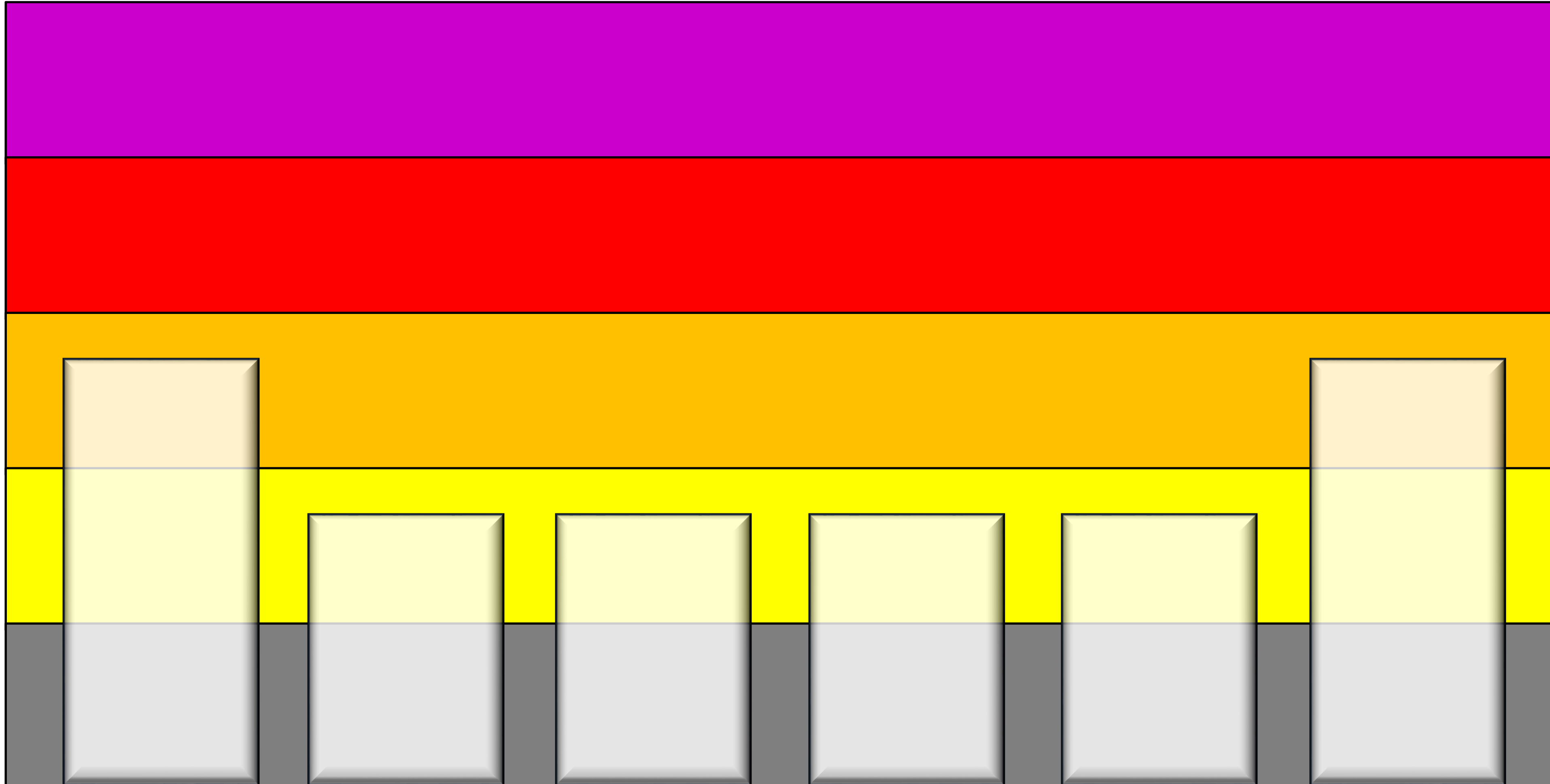
Hazard	Impacts	Location	Timing
Marine 	High risk for rip currents. There is the potential for dangerous to marine conditions	All coastal and nearshore waters	Rip currents now through early next week. Other marine conditions Monday morning through Tuesday
Wind 	There is the potential for hurricane force winds	Anywhere in Eastern North Carolina	Monday morning through Tuesday morning
Storm Surge/ Inundation 	There is the potential for storm surge inundation	Anywhere along the coast of Eastern North Carolina	Monday morning through Tuesday morning
Flooding Rain 	There is the potential for localized heavy rain and flash flooding	Anywhere in Eastern North Carolina	Monday morning through Tuesday morning
Tornado 	There is a potential for elevated threats from tornadoes	Anywhere in Eastern North Carolina	Monday morning 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

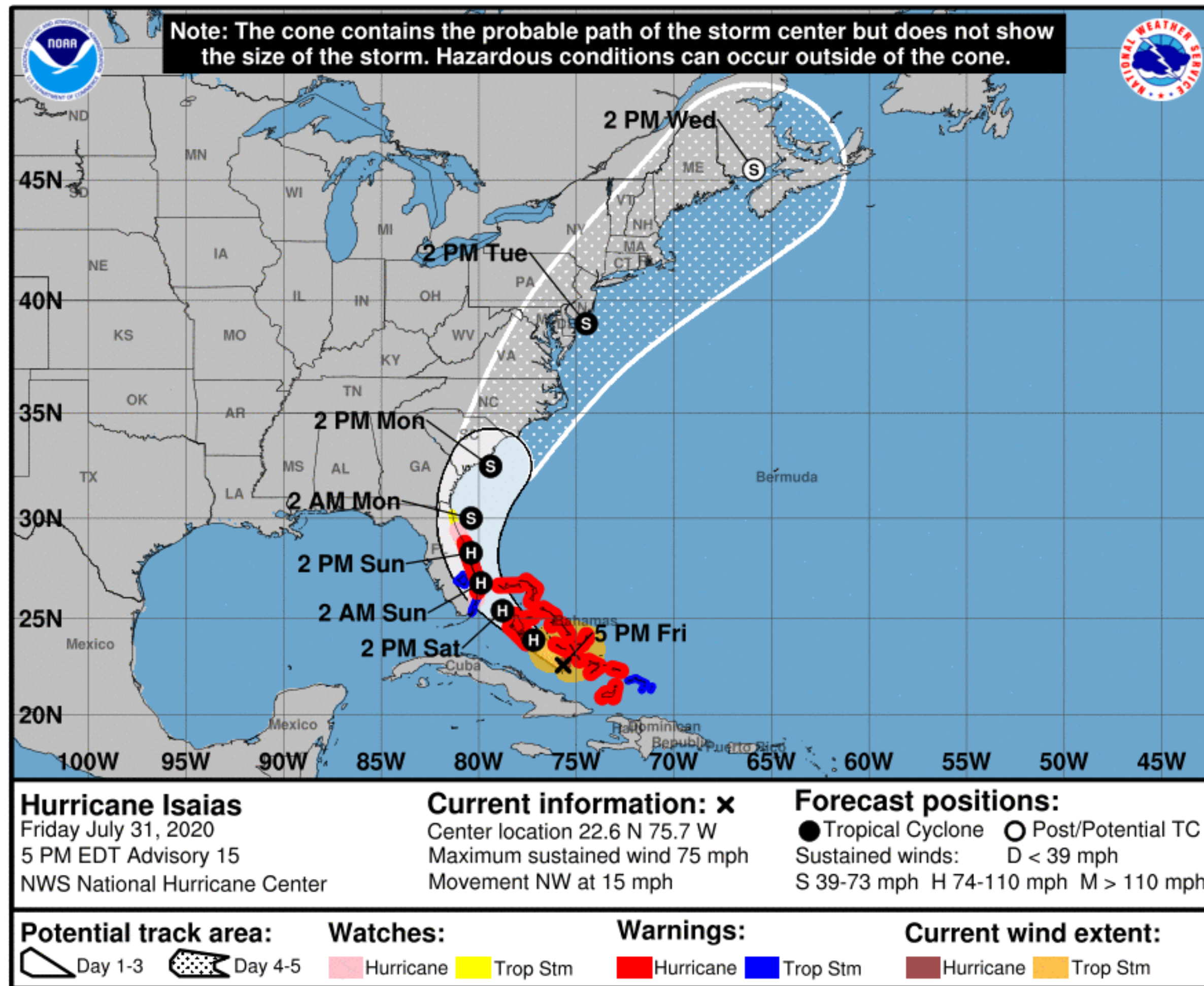
Marine

Situation Overview

Hurricane Isaias



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- Hurricane Isaias has current intensity of 75 mph.
- First impacts from this system are **increased swell/rip current risk** arriving **NOW** through early next week.
- Confidence in track forecast is **medium** at this time but confidence is **low for both 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)

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

High Risk For Rip Currents

Hurricane Isaias

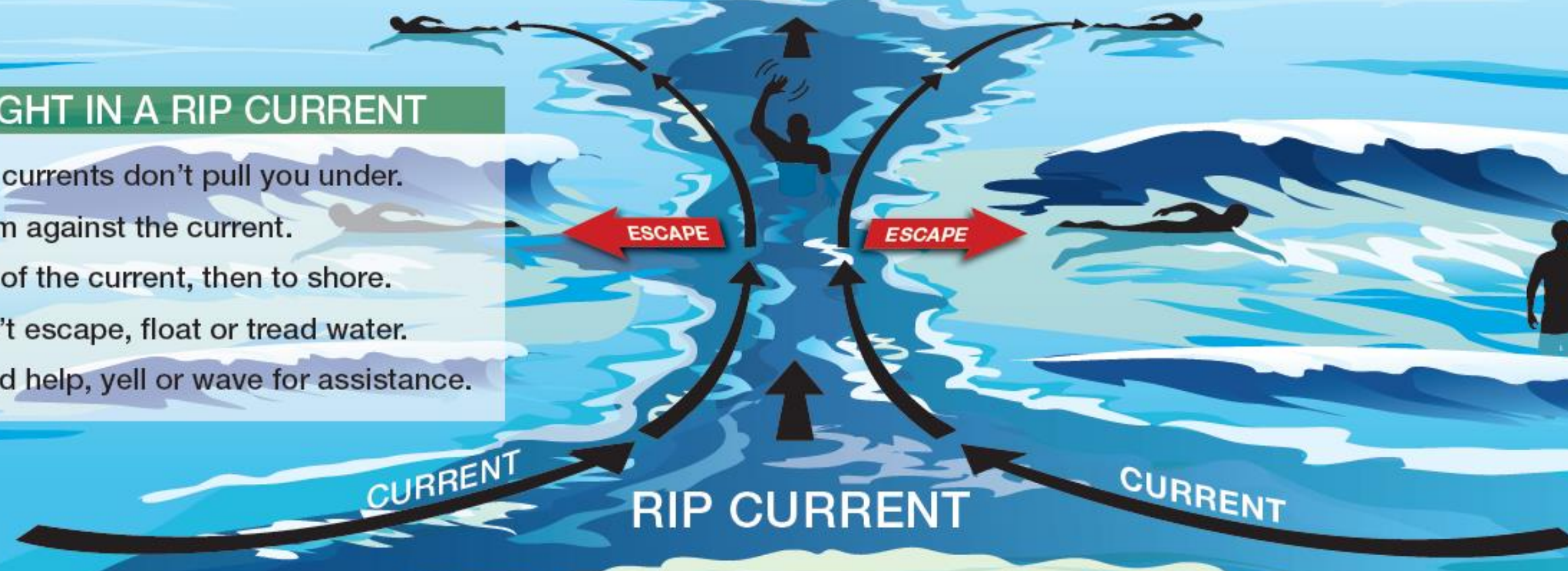


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RIP CURRENTS KNOW YOUR OPTIONS

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

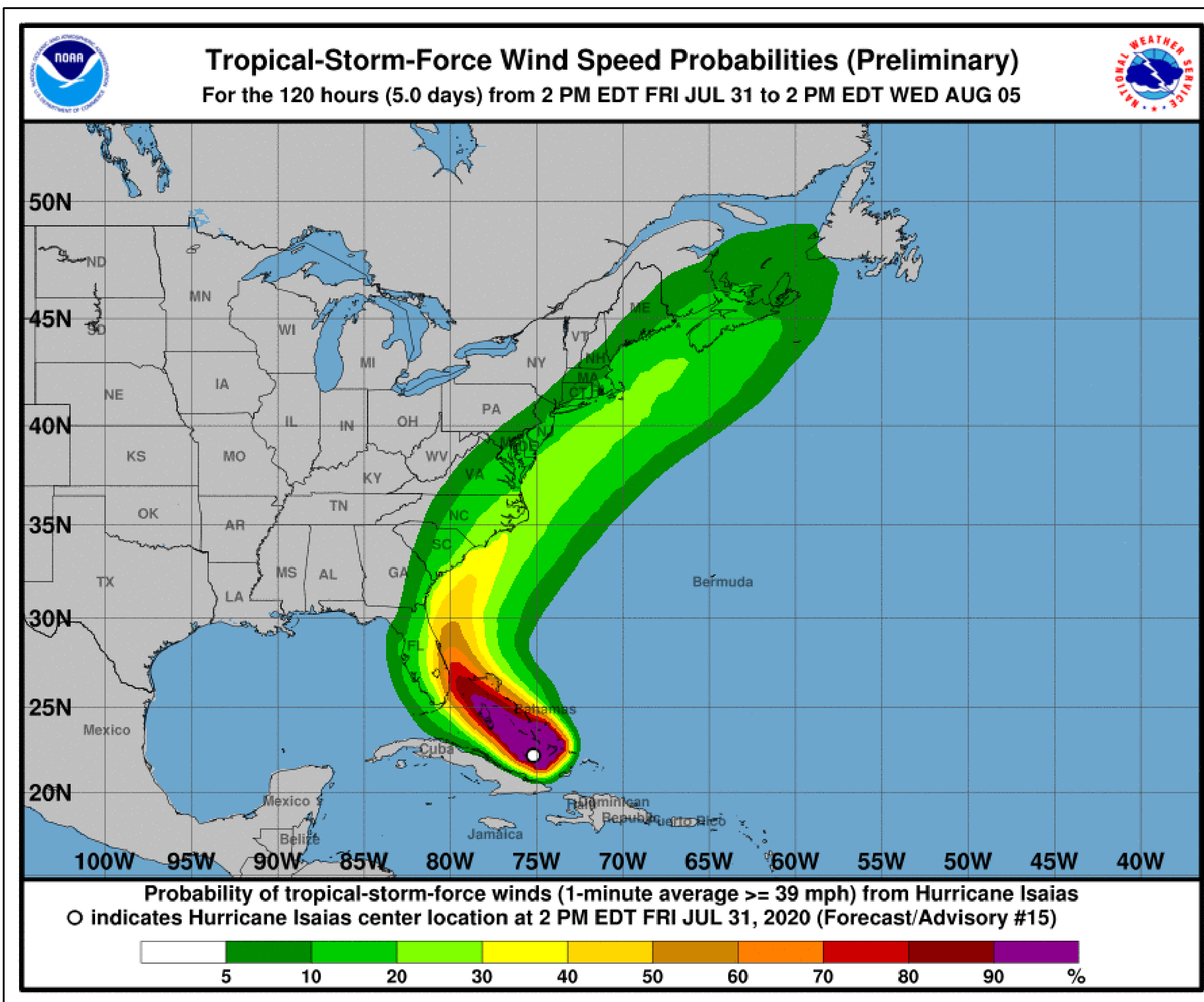
- Increased swell is producing very dangerous swimming conditions **now through early next week.**
- Visit the [Beach Forecast Page](#) (experimental) for the latest beach conditions and forecast.

TS Wind Speed Probabilities

Hurricane Isaias



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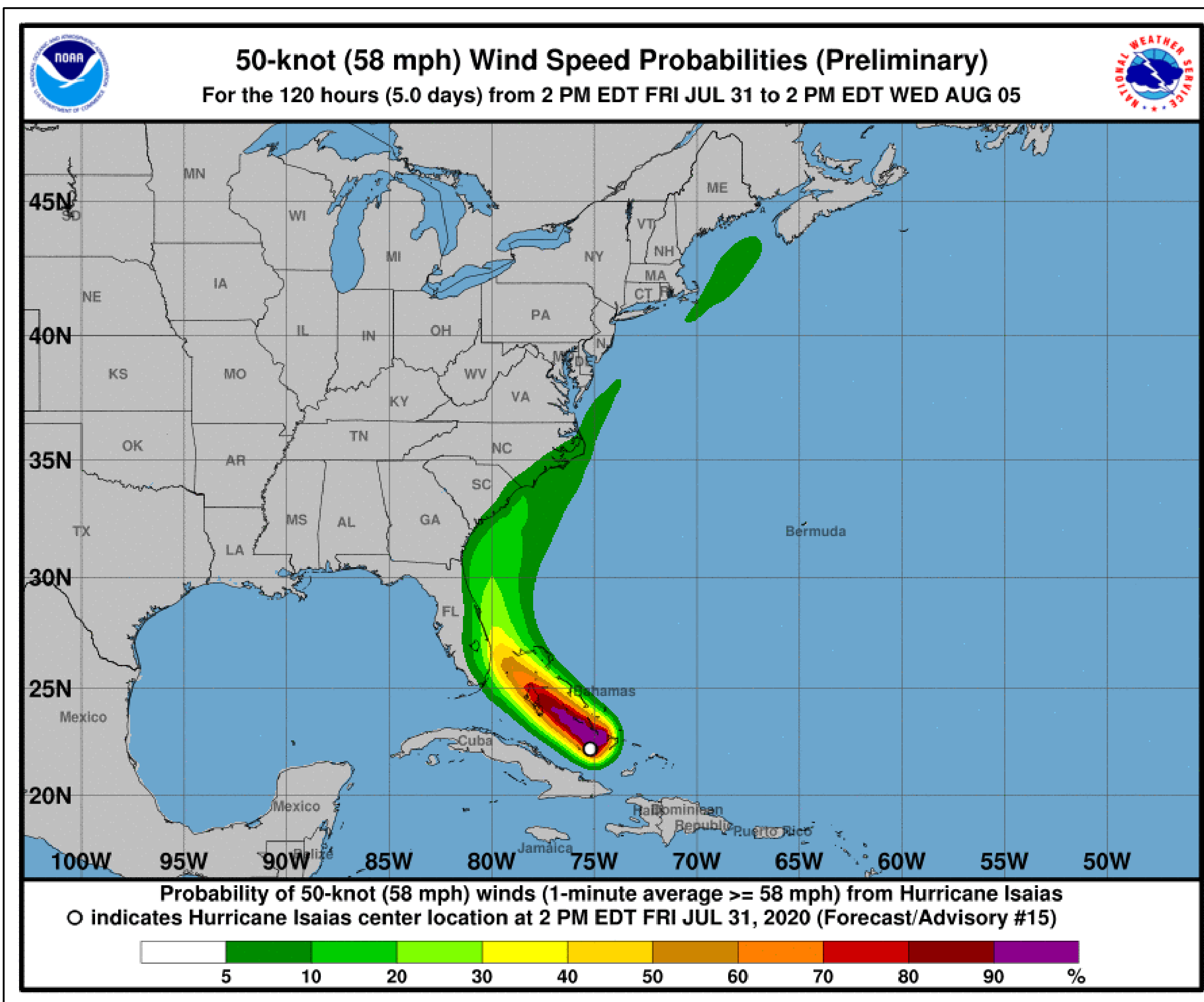
- The threat for tropical storm force winds continues to increase, especially along the coast.
- Tropical Storm conditions could begin as early as sometime Monday morning.

50kt Wind Speed Probabilities

Hurricane Isaias



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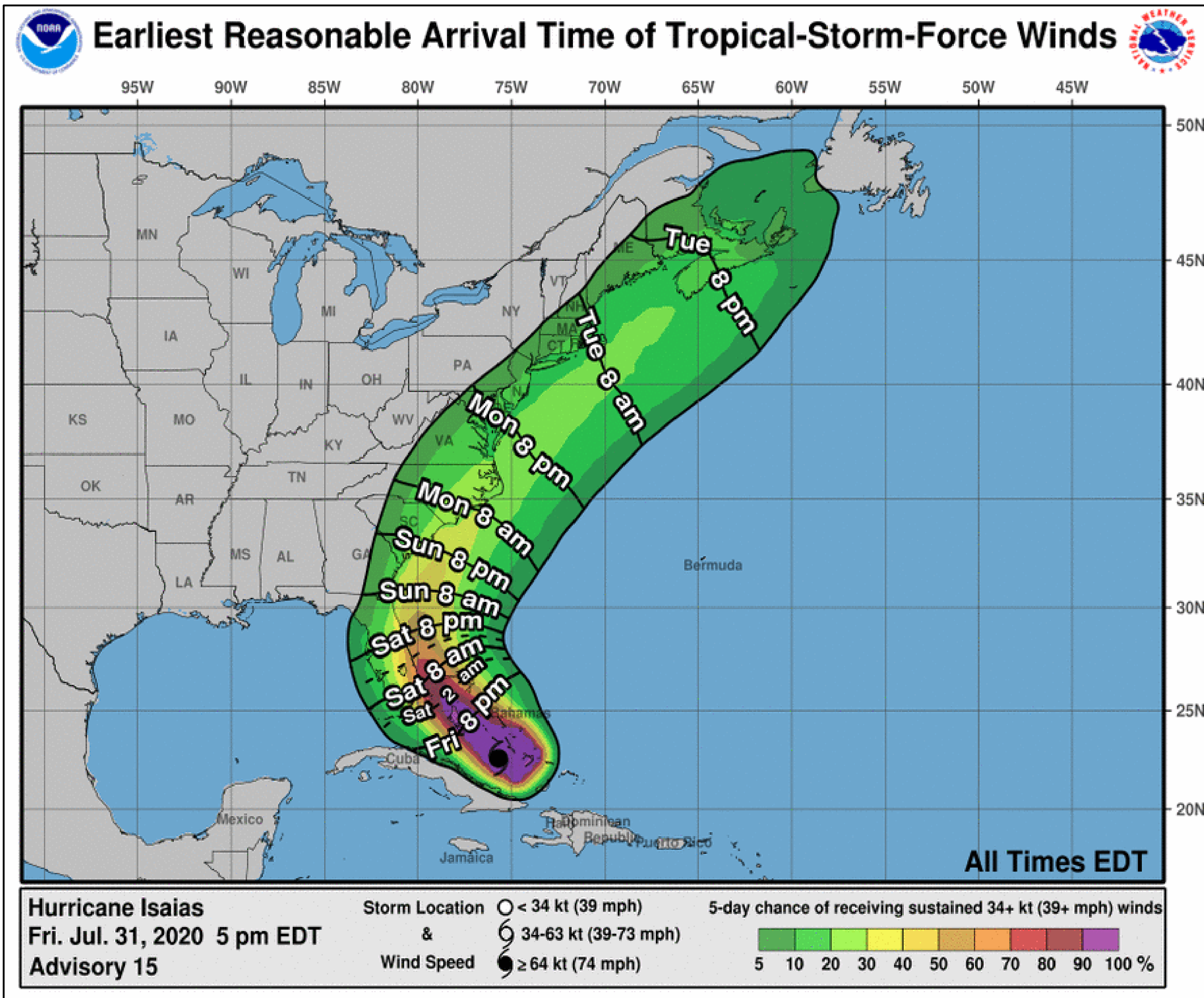
- The threat for 50 knot winds is increasing, especially along the coast.

Earliest Reasonable Time of Arrival

Hurricane Isaias



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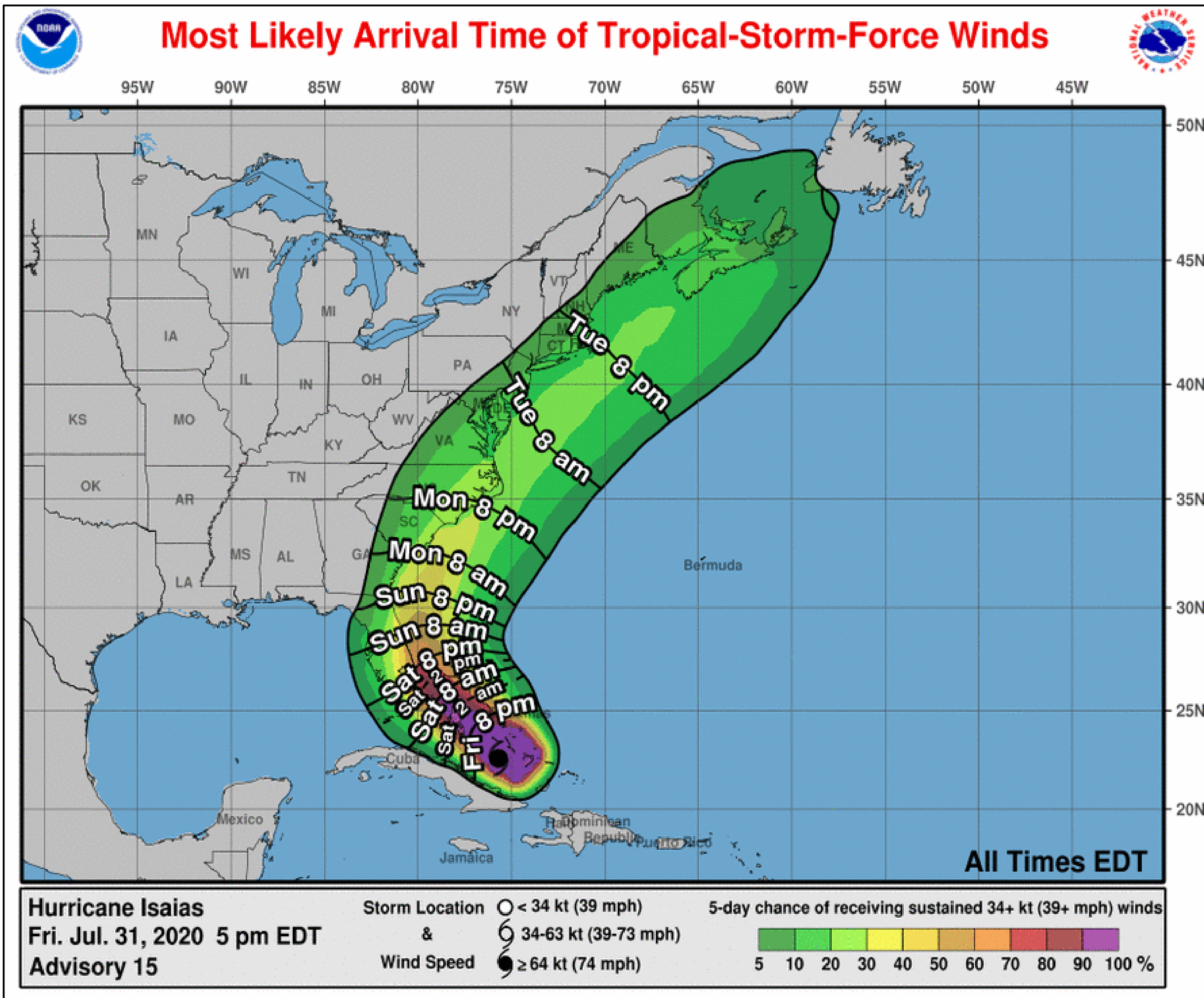
- The earliest reasonable time of arrival of Tropical Storm Force Winds is sometime Monday morning
- However, the most likely time this area could see Tropical Storm Force Winds will be late Monday afternoon or evening

Most Likely Time of Arrival

Hurricane Isaias



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

Storm Total Rainfall

Hurricane Isaias

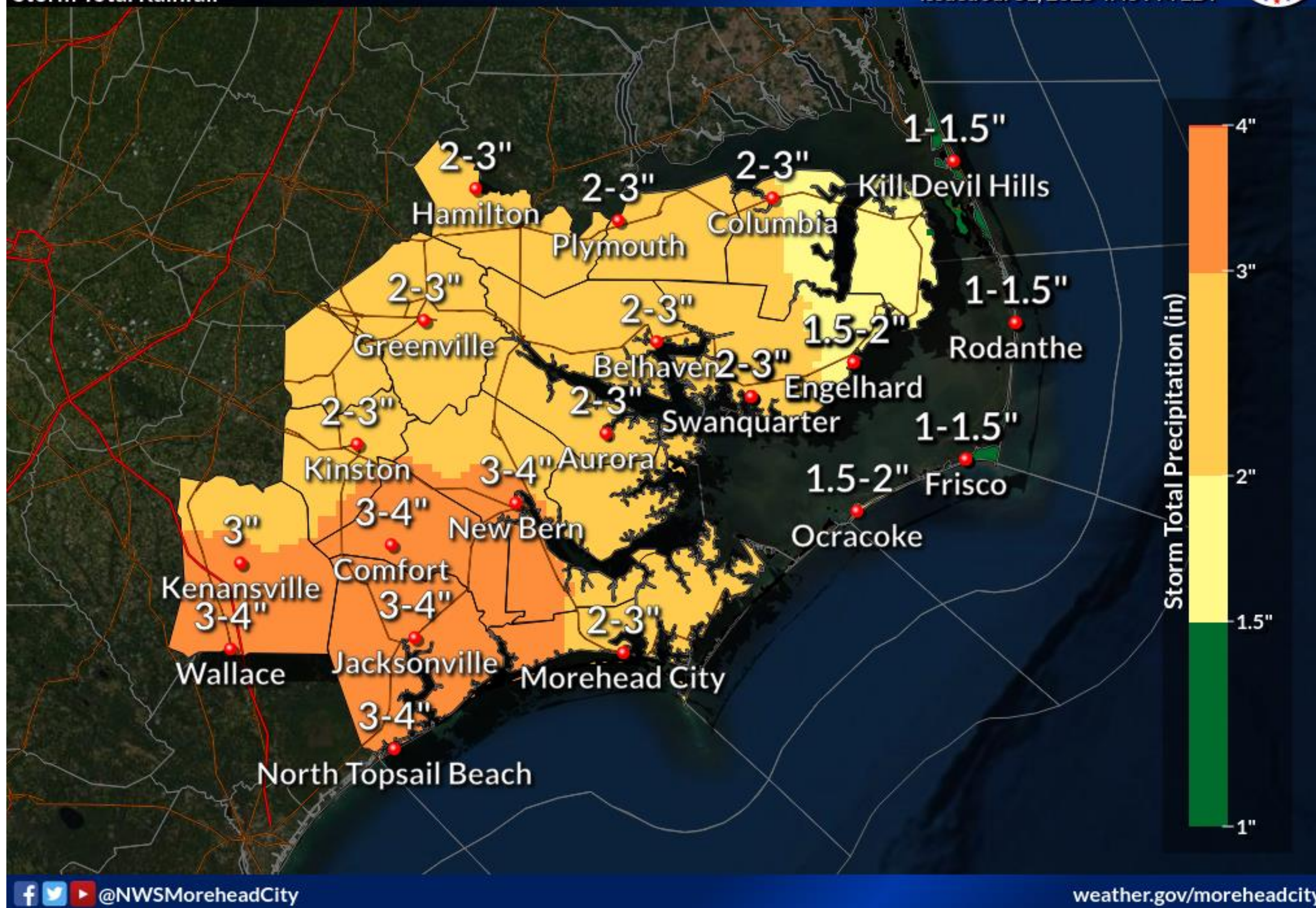


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Hurricane Isaias

Storm Total Rainfall

Weather Forecast Office
Newport/Morehead City, NC
Issued Jul 31, 2020 4:45 PM 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

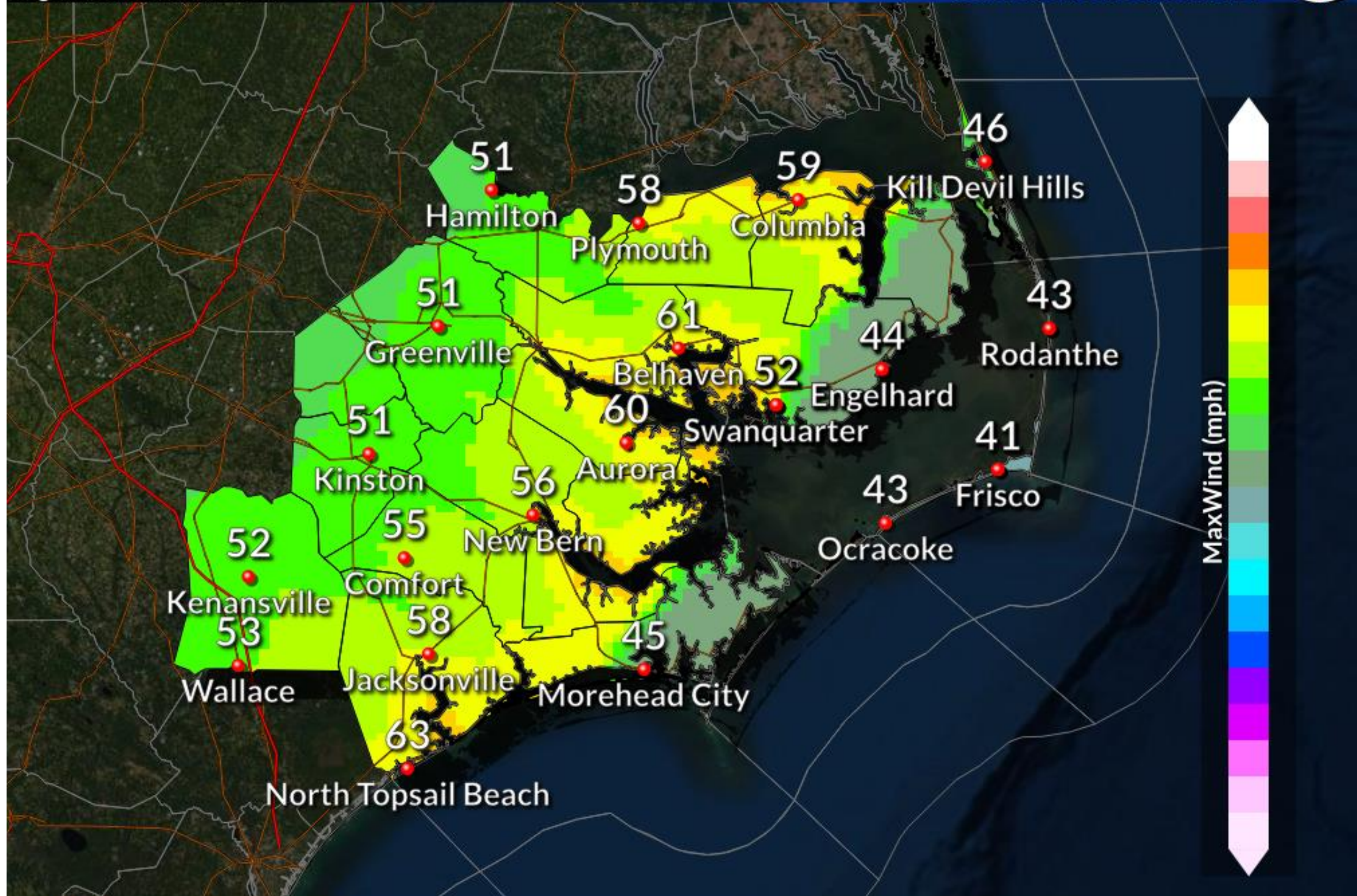


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Hurricane Isaias

Highest Sustained Winds

Weather Forecast Office
Newport/Morehead City, NC
Issued Jul 31, 2020 4:49 PM EDT



- Based on current track and intensity
- Confidence in the track forecast is **medium** with confidence in the intensity forecast **low**
- 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

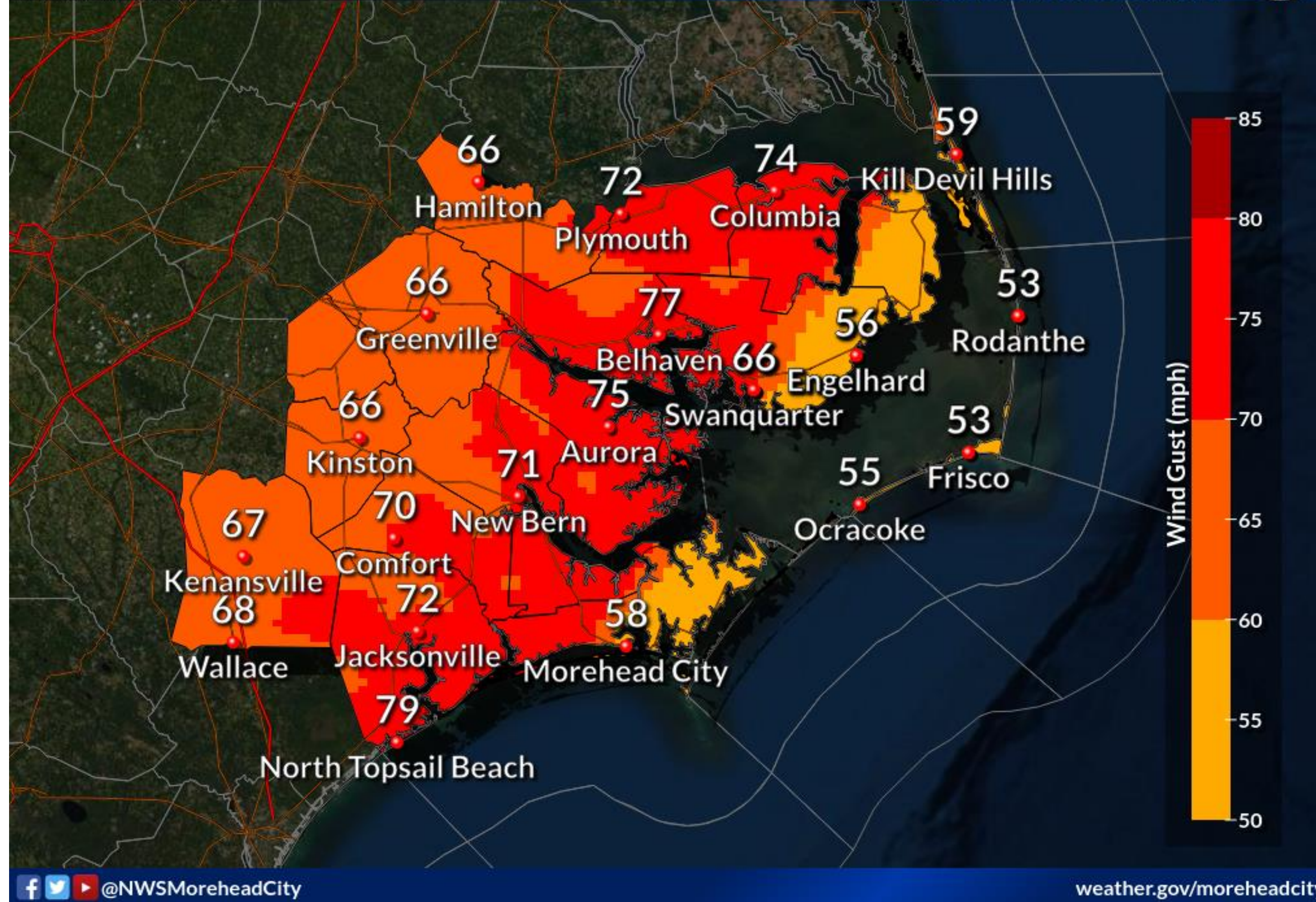


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Hurricane Isaias

Highest Wind Gusts

Weather Forecast Office
Newport/Morehead City, NC
Issued Jul 31, 2020 4:50 PM 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.

Key Take-Aways

Hurricane Isaias



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



High risk for rip currents now through early next week.



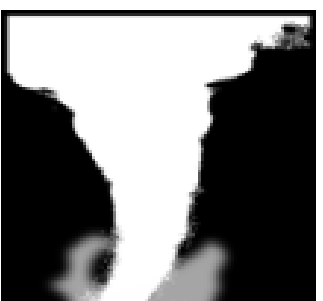
Hurricane force winds possible as early as Monday morning, but most likely sometime Monday afternoon or evening.



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



Localized heavy rain possible depending on the final track.



Elevated threat for tornadoes depending on the final track.



*The Next Briefing:
By Saturday (August 1st) 7:00 AM EDT
Method: [Email]*



Web: <http://weather.gov/moreheadcity>



Phone: (252) 223-5737 ext 6



E-mail: wxobs.mhx@noaa.gov



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For the latest graphics and information go to: www.hurricanes.gov or weather.gov/mhx/tropical