



TROPICAL STORM ISAIAS BRIEFING

6:00 PM ET

Sunday, August 2, 2020

Prepared by: WFO Philadelphia/Mount Holly

What has changed: Tropical Storm Watch has been issued.

Next Briefing: Monday, August 3, at 7am EDT

Disclaimer: The information contained within is time-sensitive. Do not use after next briefing issuance.



Situation Overview

Tropical Storm Isaias



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Hazard	Impacts	Location	Timing
Wind 	Tropical storm force winds could lead to scattered tree and power line damage	Generally along and southeast of the Interstate 95 corridor (Areas covered within the tropical storm watch)	Tuesday into Tuesday night
Storm Surge/ Inundation 	There is the potential for minor inundation	Northeastern Chesapeake Bay, Delaware Bay, tidal Delaware River, coasts of New Jersey and Delaware	The highest risk is with the high tides Tuesday and Tuesday night
Flooding Rain 	There is the potential for significant amounts of rainfall that could lead to flash flooding across the region, and some river flooding	Heavy rain and flash flooding is possible across the region, the highest risk for stream and river flooding is across southeastern PA	Monday night through Tuesday night.
Tornado 	There is a potential for elevated threats from tornadoes	Primarily along coastal New Jersey and Delaware	Tuesday
Marine 	There is the potential for very dangerous conditions due to high winds and seas	All coastal and nearshore waters	Monday night through Tuesday night

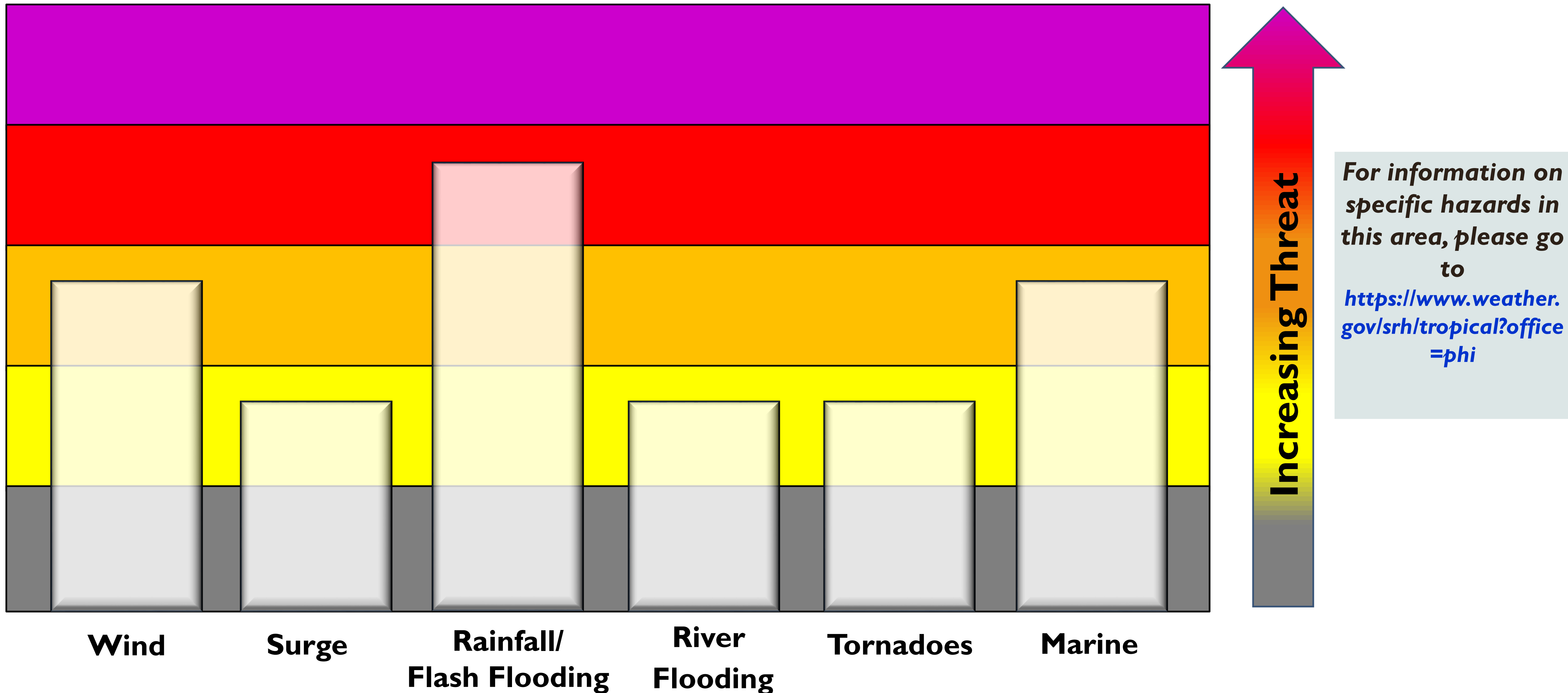
Threat Levels

Tropical Storm Isaias



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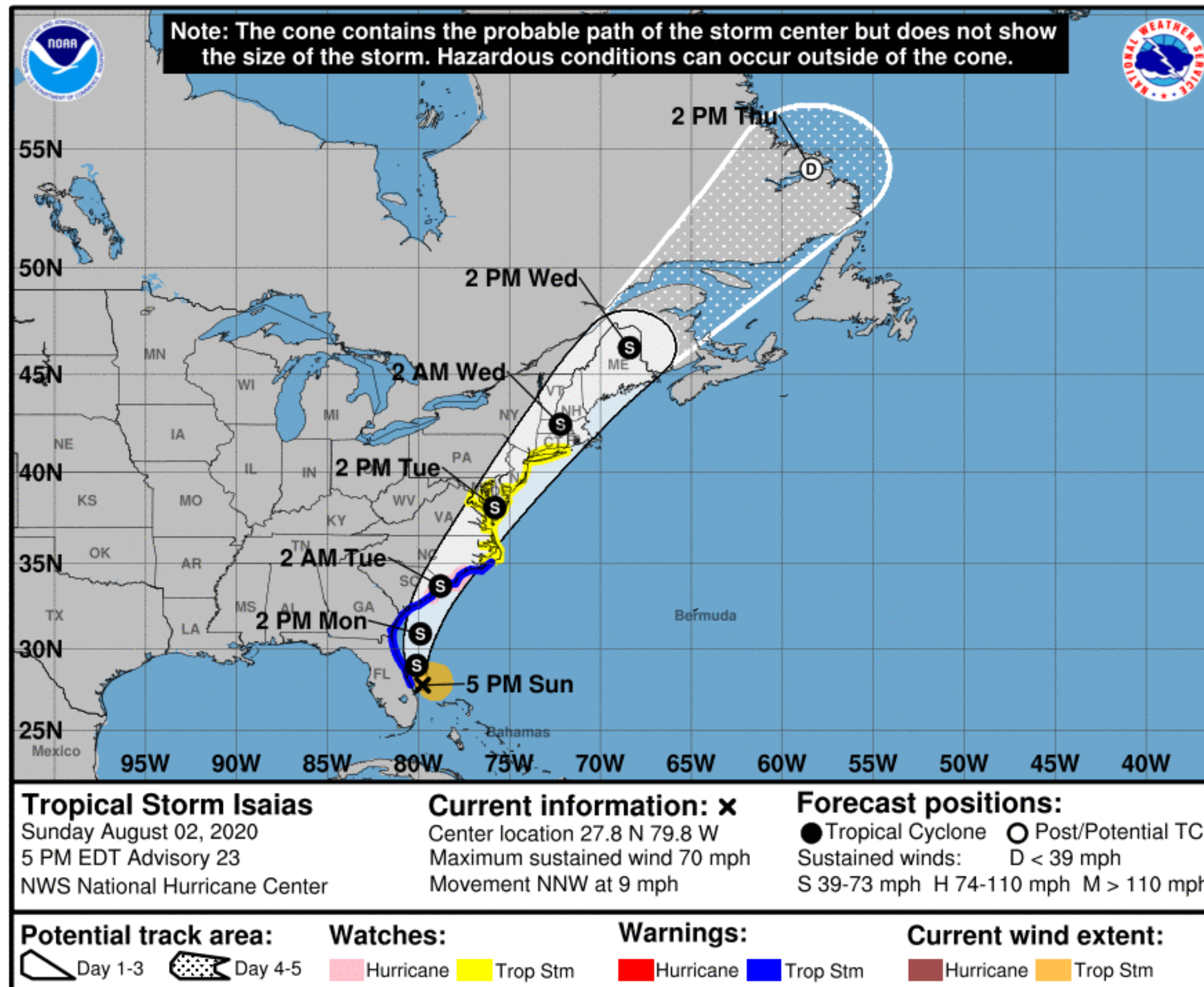
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- The primary concern remains heavy rain leading to flash flooding. Some river flooding is possible, but flooding is not expected along the main stem of the Delaware River
- A Tropical Storm Watch has been issued for areas generally near and southeast of the I-95 corridor
- The main time frame for the worst of the impacts is Tuesday into Tuesday night.

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

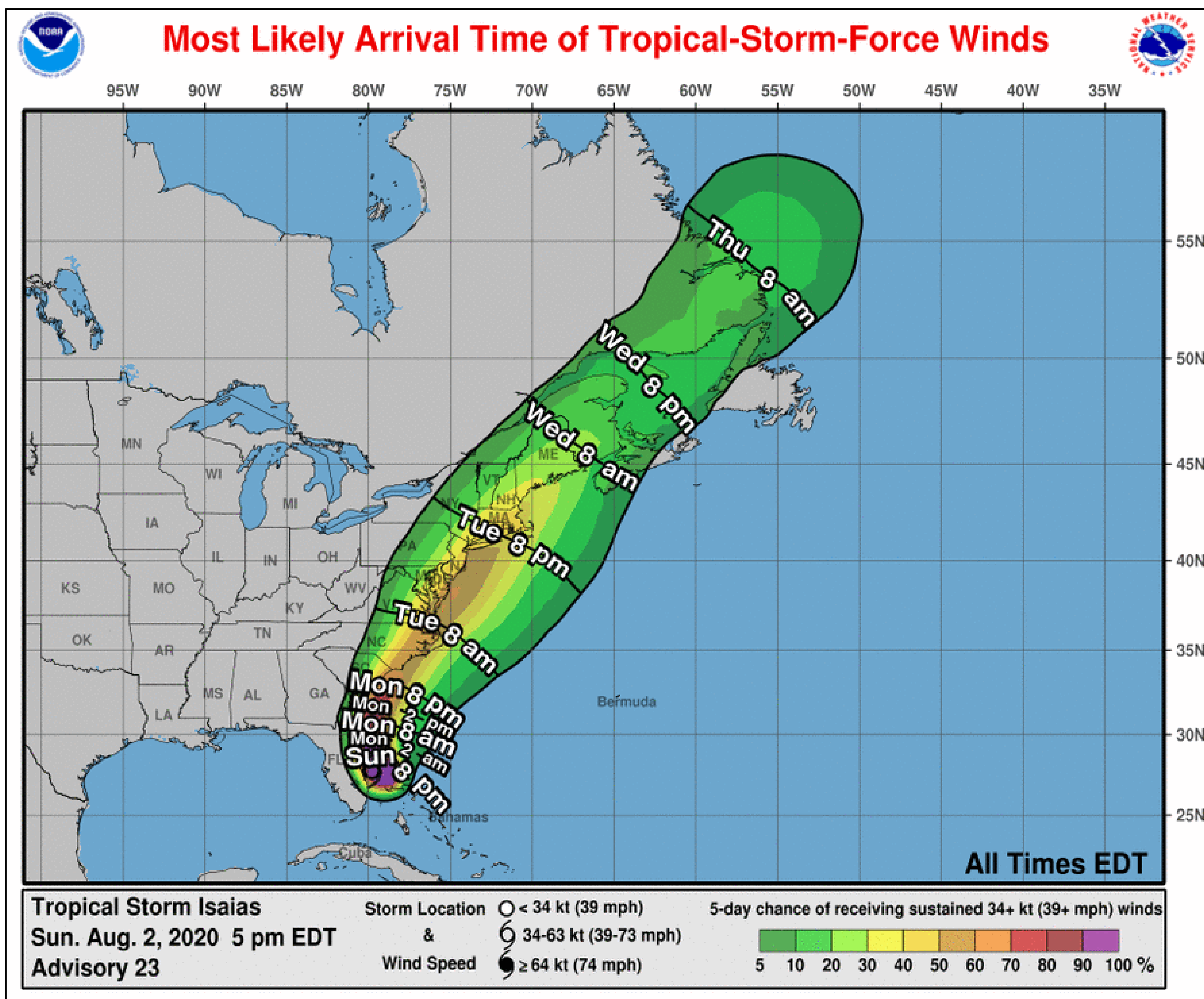
Most Likely Time of Arrival

Tropical Storm Isaias



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- The most likely time of arrival of Tropical Storm Force Winds for areas near and southeast of the I-95 corridor is during the day Tuesday
- However, this area could see Tropical Storm Force Winds as early as Tuesday morning

Expected Storm Total Rainfall

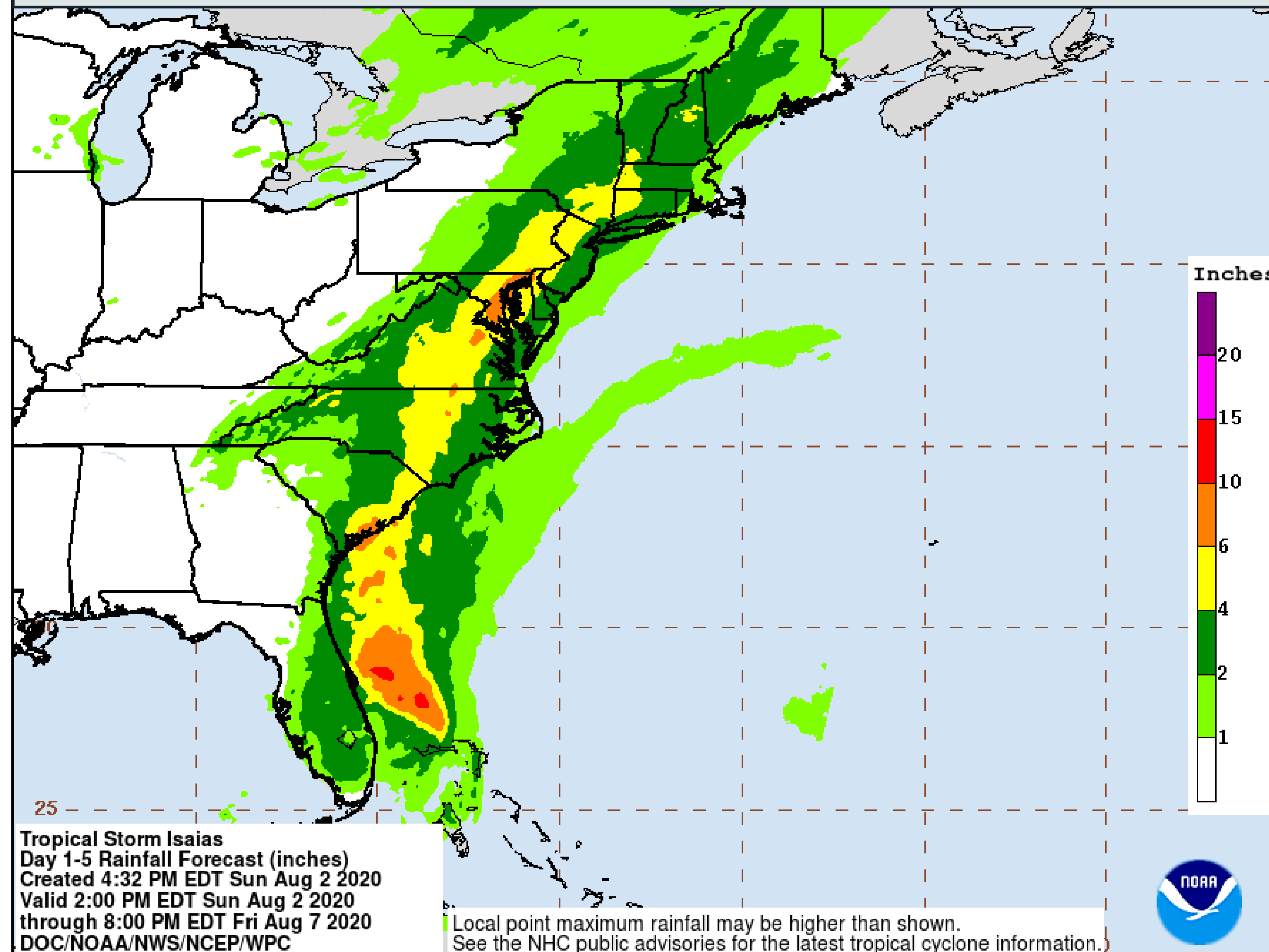
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Note: There will likely be locally higher amounts



- Storm Total rainfall forecast valid through the duration of this storm
- Locally, most rain will occur between Monday night and Tuesday night.
- Locally higher amounts are possible.
- Heavy rain leading to flash flooding is our primary concern with this storm.

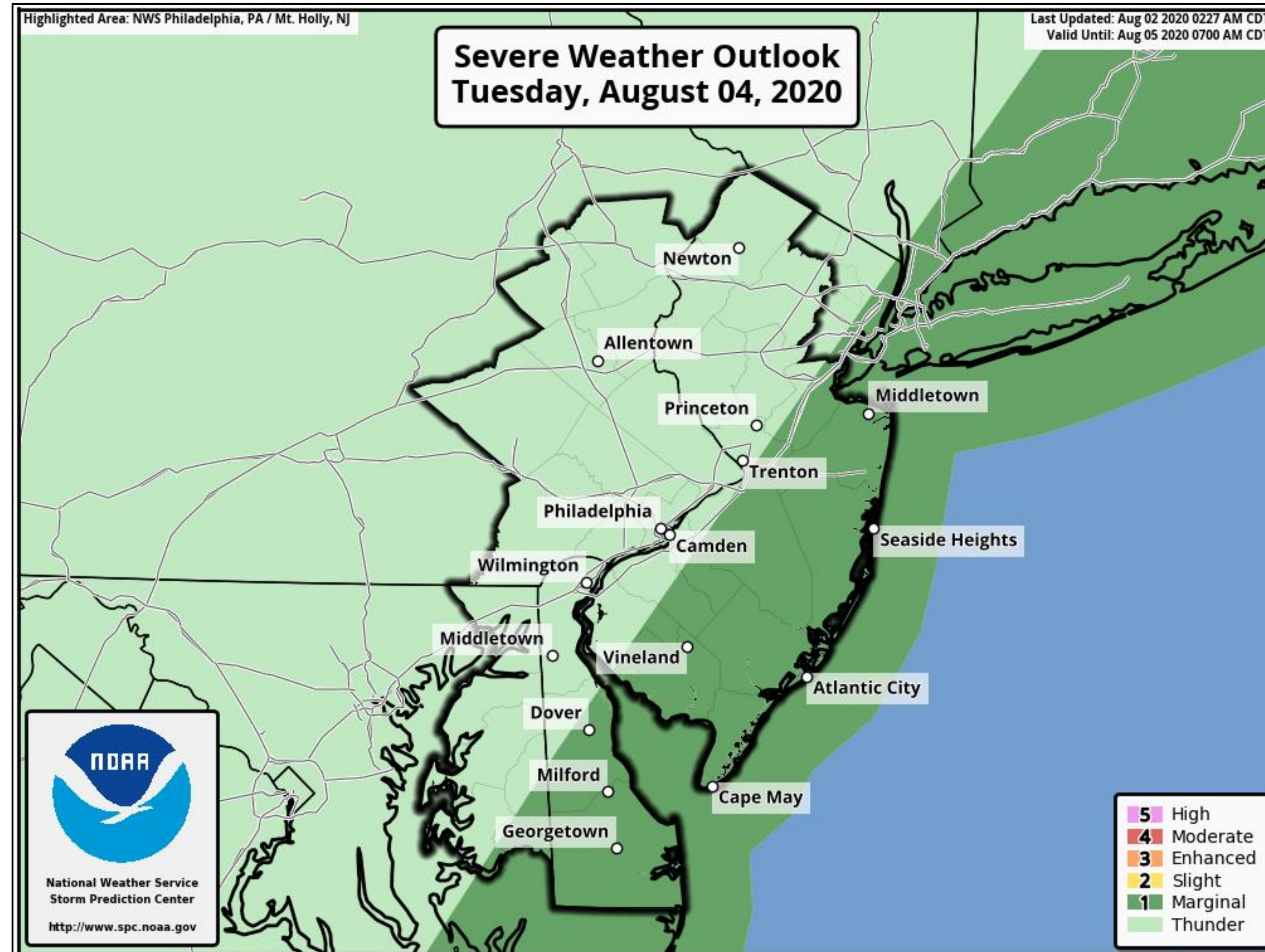
Tornado Potential

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- Main threat of tornadoes would be Tuesday, and primarily confined to coastal areas of New Jersey and Delaware.

Key Take-Aways

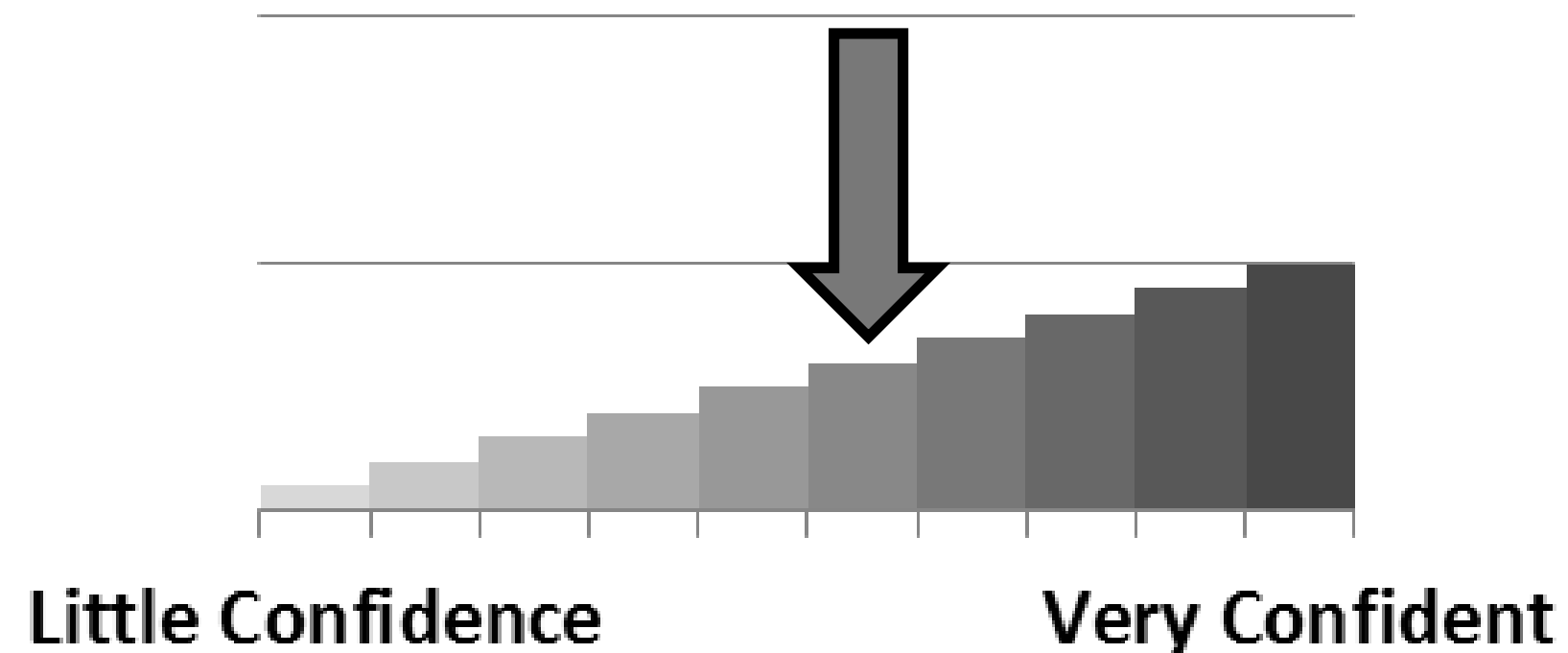
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- Heavy rain leading to flash flooding is possible across the region Monday Night through Tuesday Night.
- Tropical storm force winds are possible, primarily along and southeast of the I-95 corridor Tuesday into Tuesday evening.
- Increased swells and rip current risk will continue along the coasts through at least Wednesday.

Forecast Confidence



We have moderate confidence in the track and intensity of Isaias, but there remains some uncertainty with details including the location of heaviest rainfall and how far inland tropical storm force winds will extend.



*The Next Briefing:
Monday 7:00 AM EDT*



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



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