



# HURRICANE DORIAN BRIEFING

5:30 AM EDT

Friday, September 6, 2019

Prepared by: *WFO Boston/Norton, MA*

**What has changed:** No changes. Tropical Storm Warnings continue.

**Next Briefing:** 6:00 PM EDT Friday

**Disclaimer:** The information contained within is time-sensitive. Do not use after 6:00 PM EDT Friday.



NWSBoston

[www.weather.gov/box](http://www.weather.gov/box)






# Situation Overview

Hurricane Dorian



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Hazard	Impacts	Location	Timing
Wind 	There is a risk for scattered wind damage, including downed trees and power lines	Cape Cod and the Islands but greatest risk over Nantucket	Late tonight into Saturday morning
Storm Surge/ Inundation 	There is the potential for minor inundation in spots	Nantucket Harbor	Saturday morning
Flooding Rain 	There is the potential for significant rainfall that could lead to areas or urban and poor drainage flooding	Cape Cod and the Islands with greatest risk over Nantucket	Late tonight into Saturday morning
Tornado 	No risk from tornadoes		
Marine 	There is the potential for very dangerous wind and wave conditions	Mainly across the waters east of Cape Cod and south and east of Nantucket	Late tonight into Saturday morning

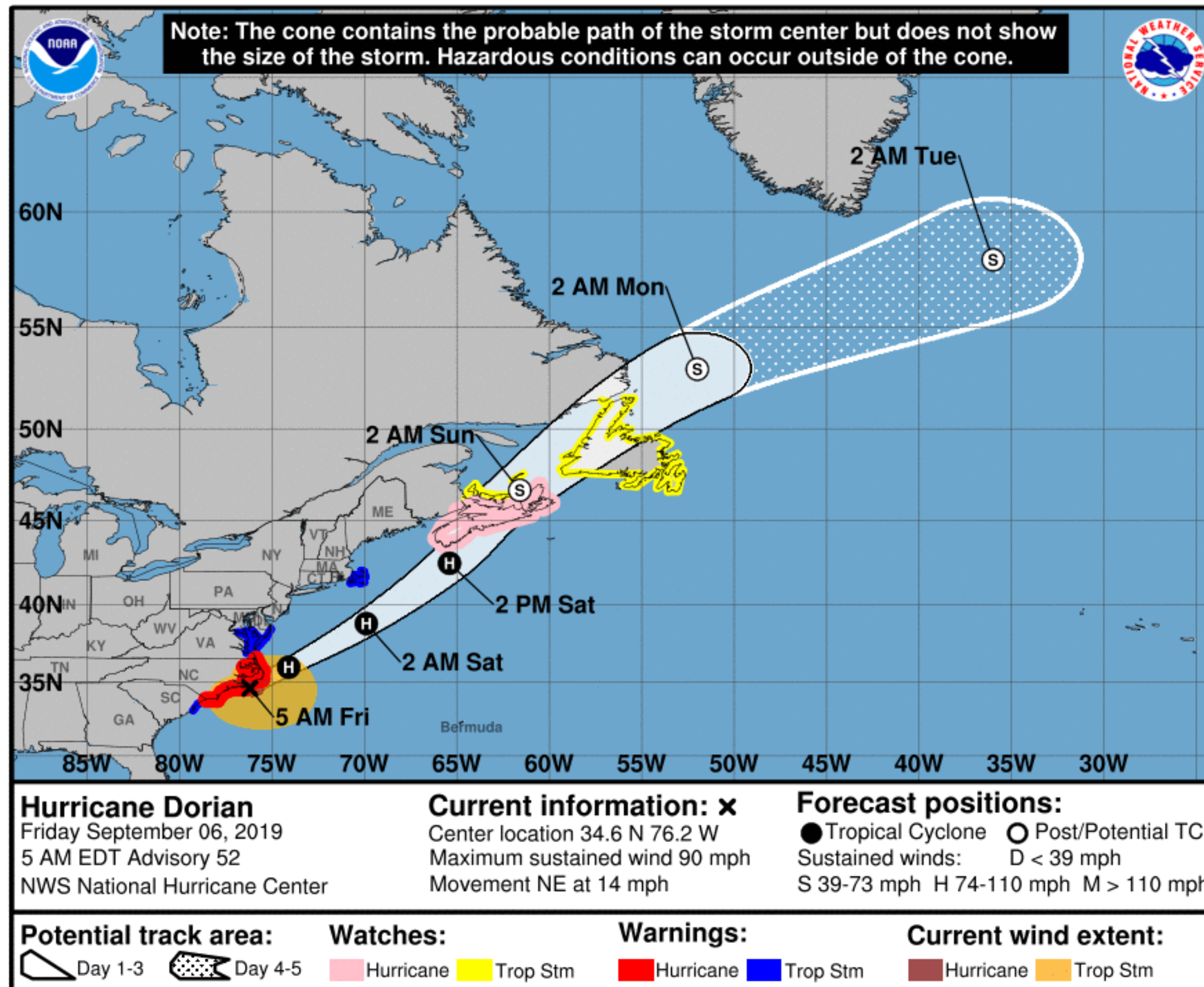


# Situation Overview

## Hurricane Dorian



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

- A Tropical Storm Warning continues for Cape Cod and the Islands
- Wind impacts, including downed trees and power lines leading to scattered power outages
- Heavy rainfall causing areas of urban and poor drainage flooding
- Minor coastal flooding for Nantucket Harbor
- High surf and dangerous rip currents
- Dangerous wind and wave conditions over the waters

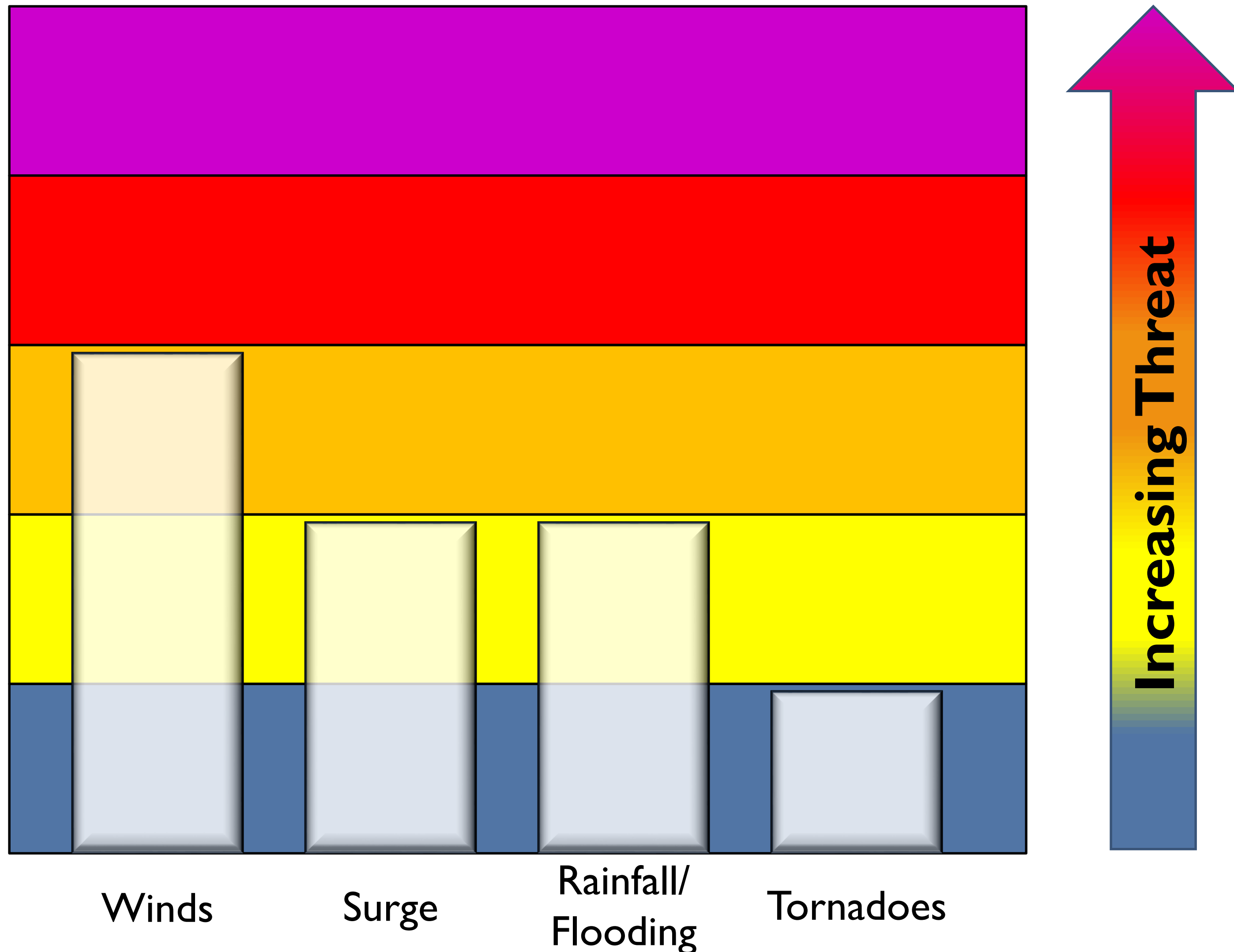
# Threat Levels

Hurricane Dorian

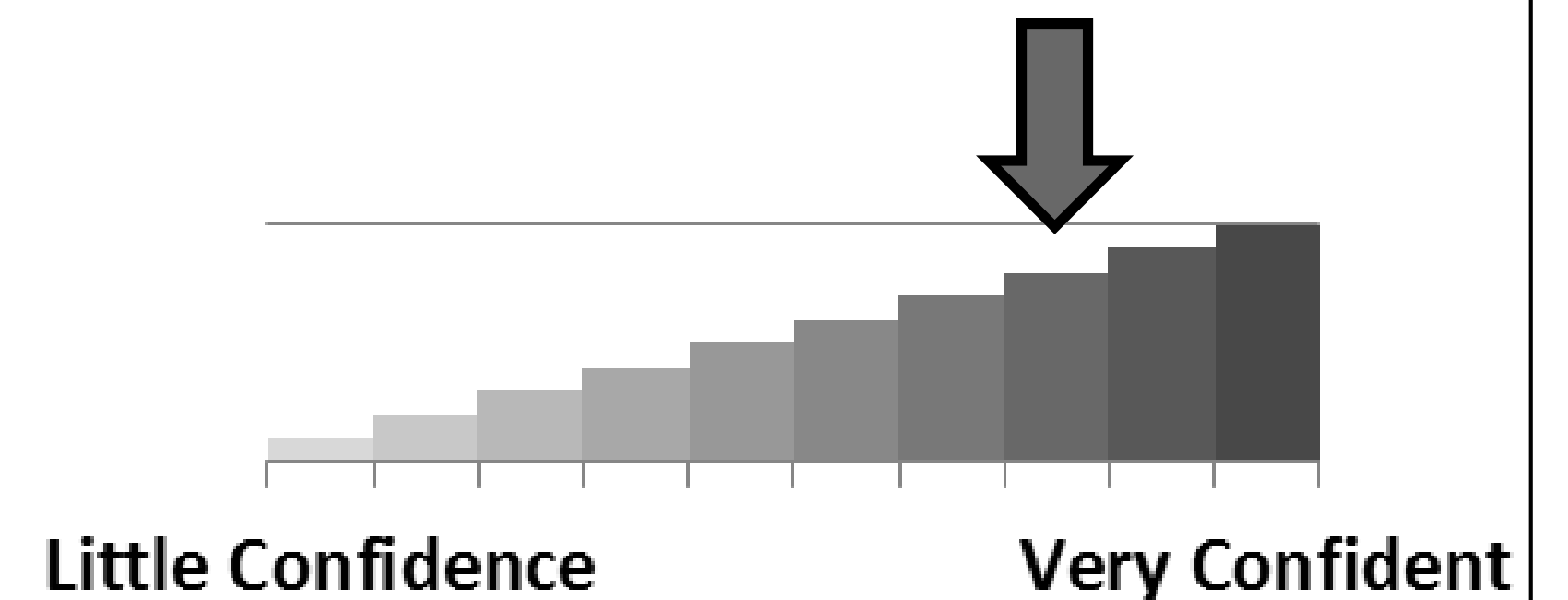


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## Forecast Confidence



High confidence in a period of strong wind gusts and heavy rain across the Cape and Islands, especially Nantucket

For information on specific hazards in this area, please go to <https://www.weather.gov/box/tropical>



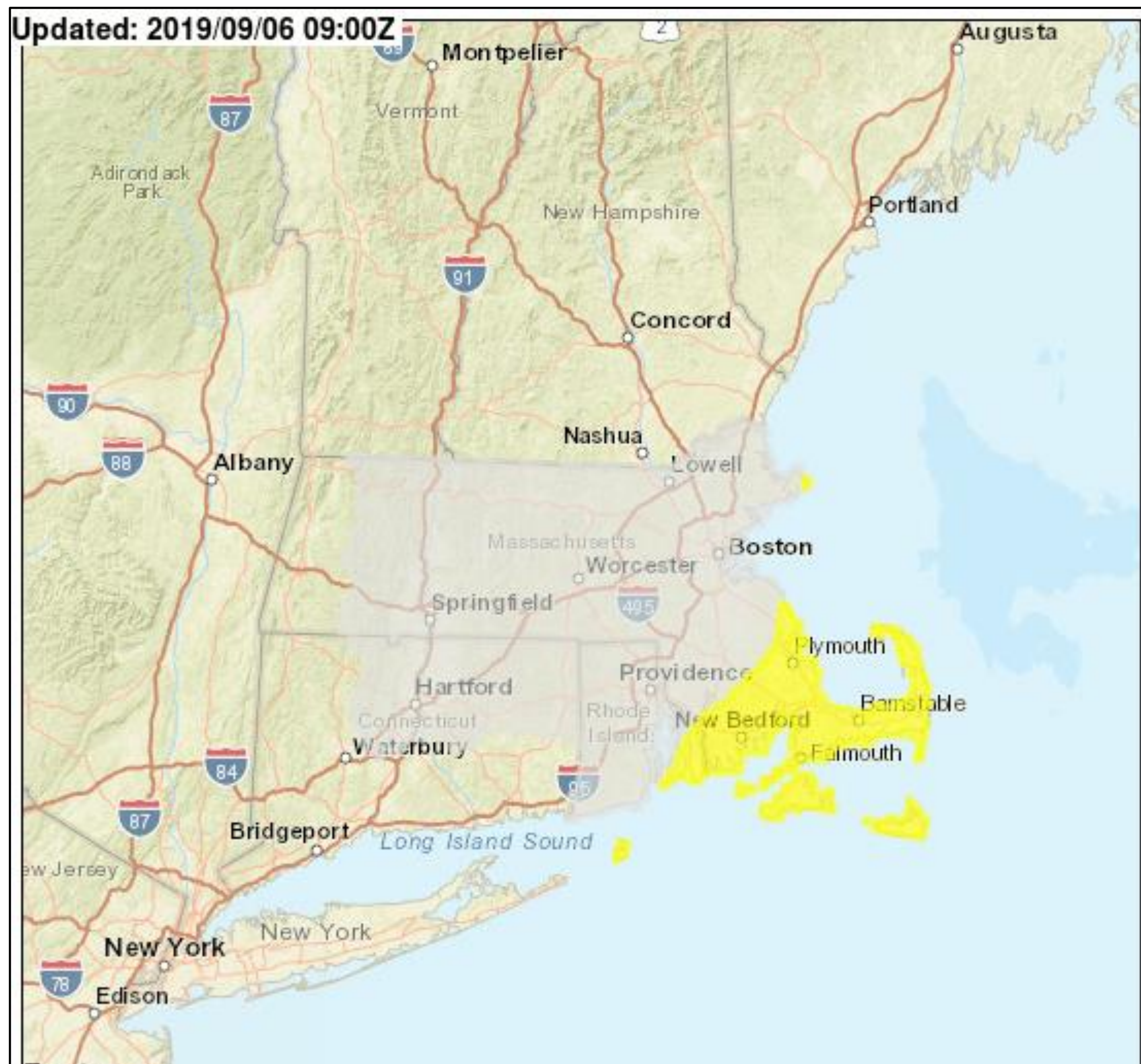
# Wind Threat / Potential Impact

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## Wind Threat

Potential for wind greater than 110 mph	Potential for wind 74 to 110 mph	Potential for wind 58 to 73 mph	Potential for wind 39 to 57 mph	Wind less than 39 mph
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## Potential Impacts include:

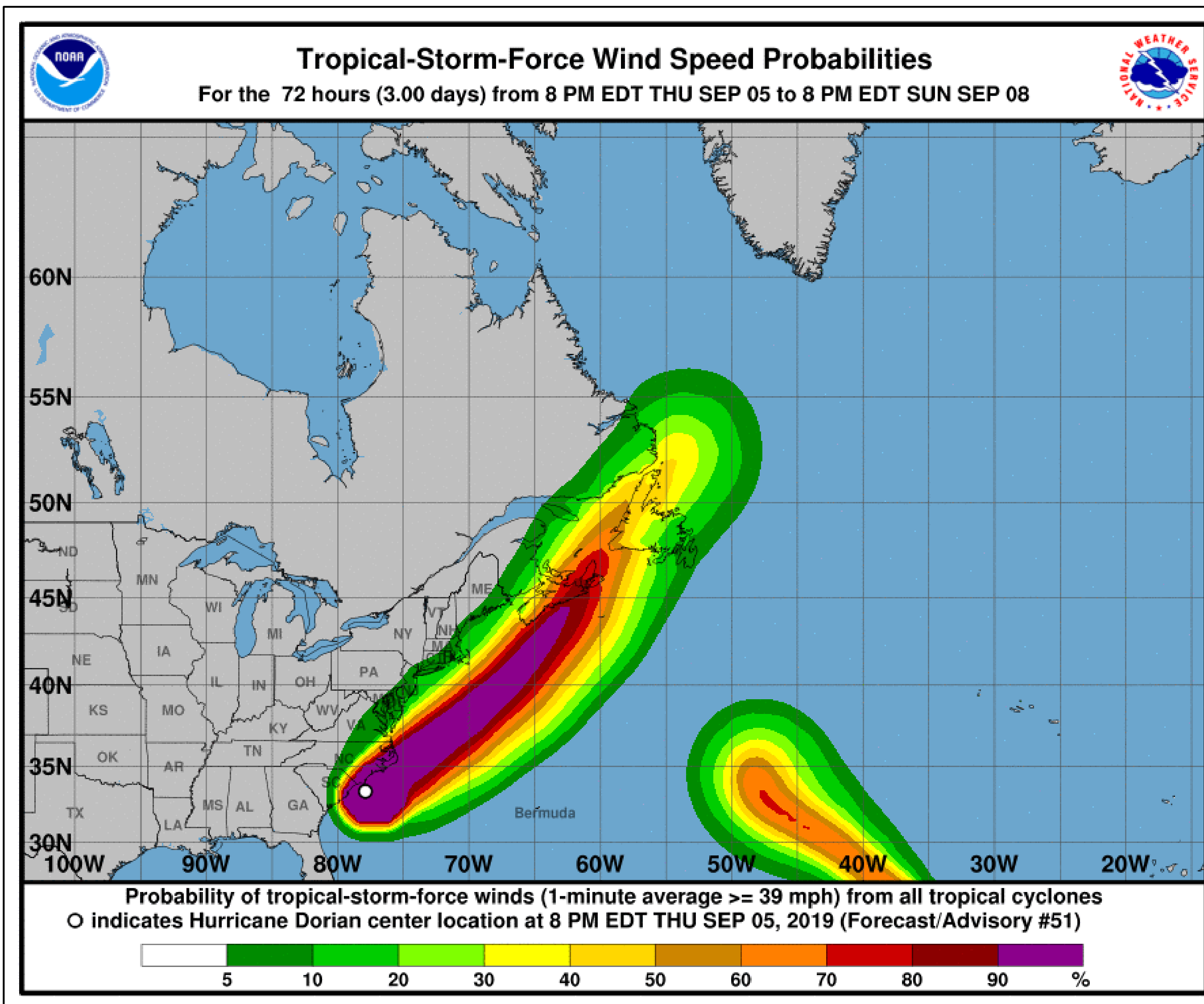
- Some damage to roofing and siding materials
- Downed trees and power lines
- Scattered power outages

# TS Wind Speed Probabilities

Hurricane Dorian



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- Greatest risk for tropical storm force winds across Nantucket and the outer Cape
- Strongest winds will be late tonight into Saturday morning over Nantucket
- Sustained 30-40 mph winds with gusts to 60 mph

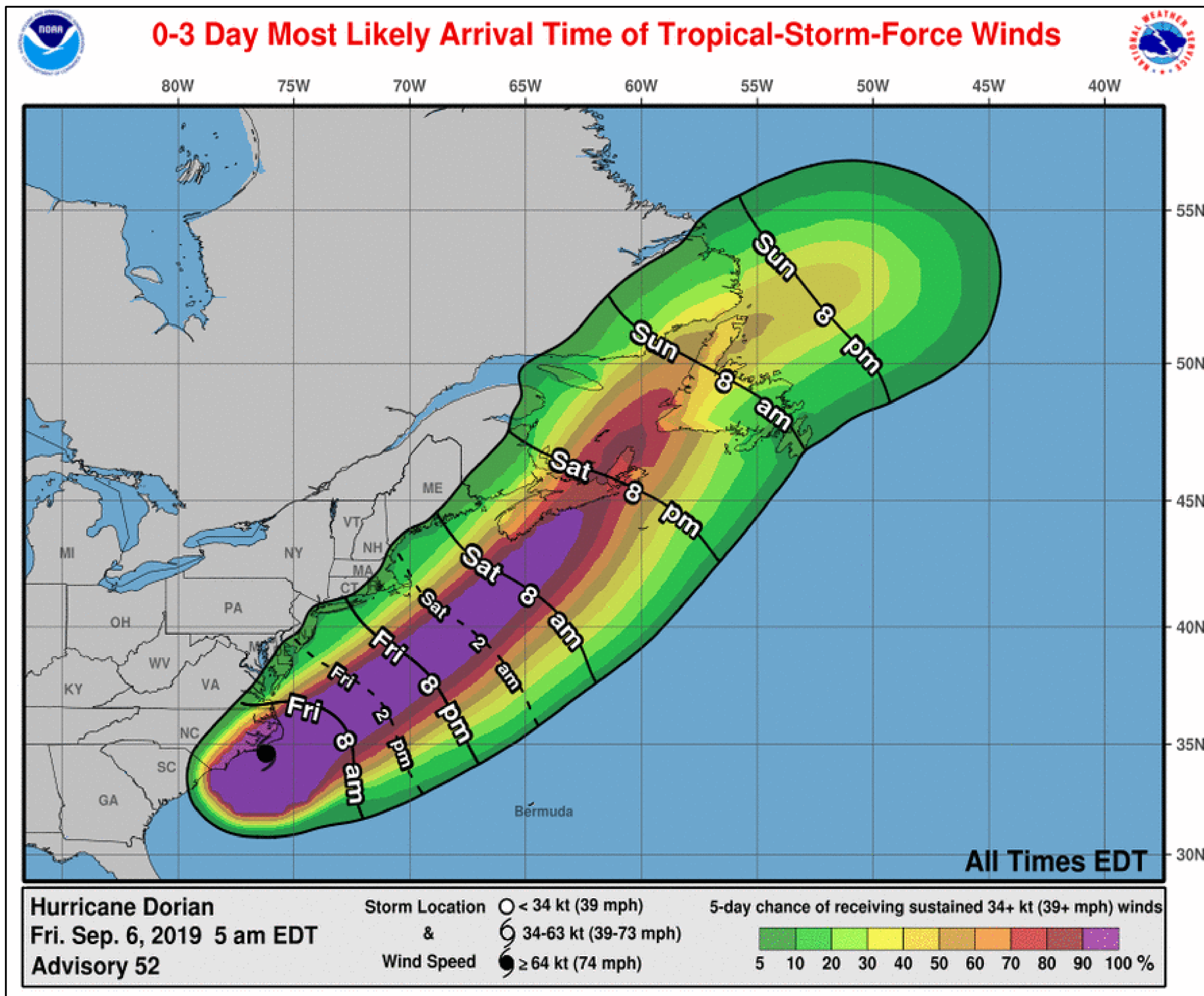


# Most Likely Time of Arrival

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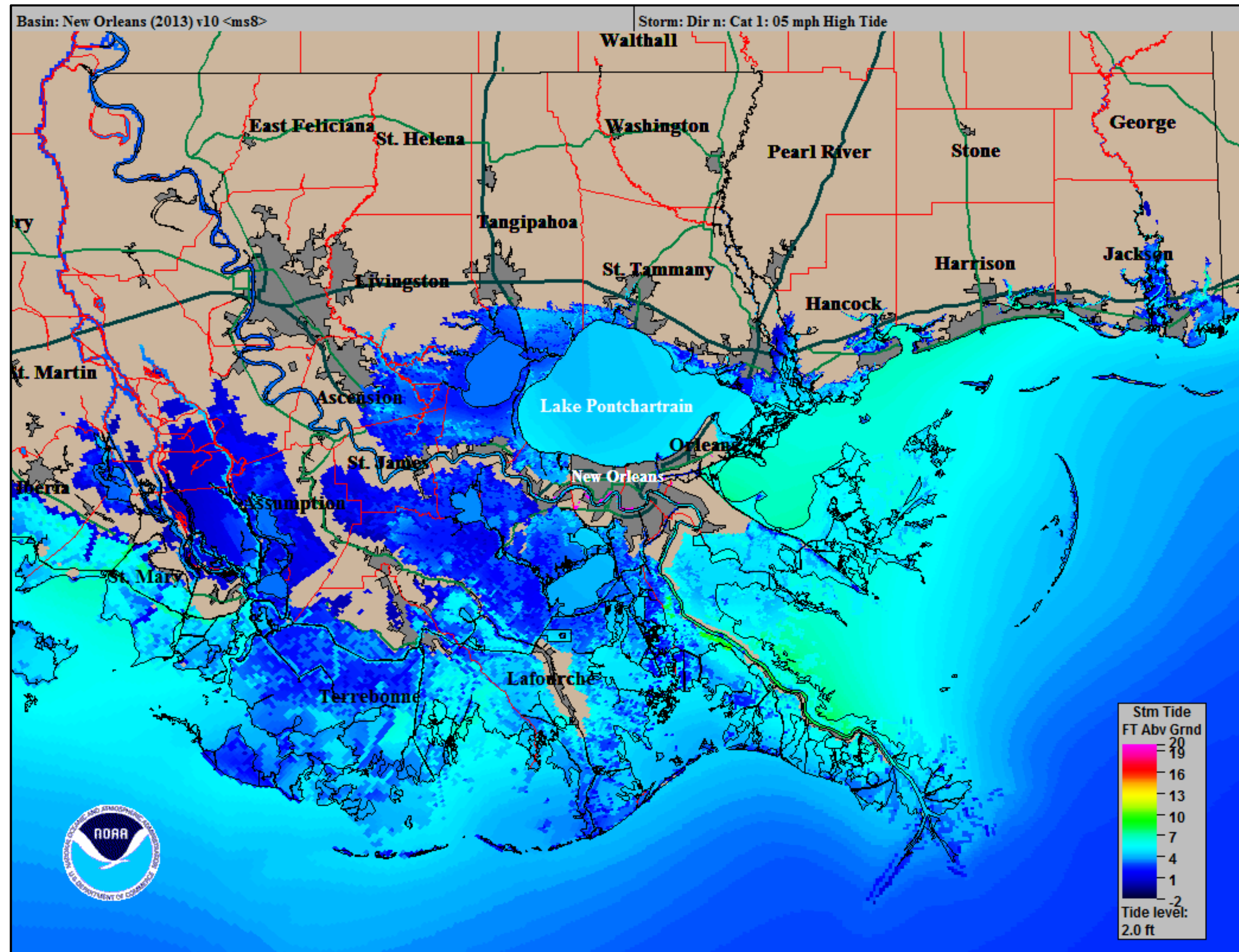
- The most likely time of arrival of Tropical Storm Force Winds for the Cape and Islands is after midnight.

# Potential Storm Surge

Hurricane Dorian



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## Areas of greatest risk:

- {Area Description 1}: Range of potential surge values
- {Area Description 2}: Range of potential surge values
- {Area Description 3}: Range of potential surge values

## Timing

- Storm surge inundation could begin as early as XXXday (if applicable)

**SLOSH MEOW for a I moving N at 5 mph at high tide - AGL**

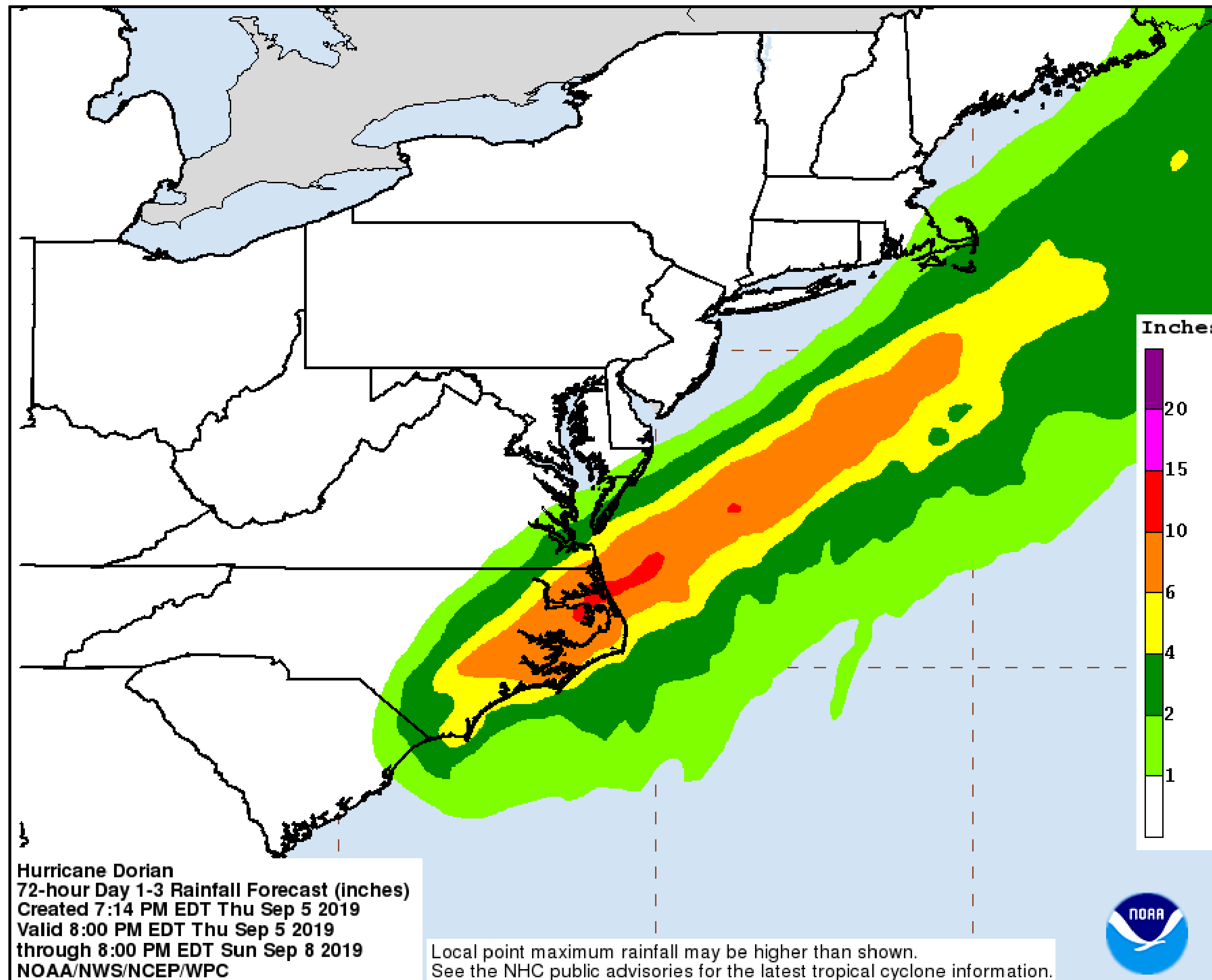


# Expected Storm Total Rainfall

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- Storm Total rainfall forecast valid Today through Saturday
- Rainfall of 2 to 4 inches, heaviest late tonight into Saturday morning, especially over Nantucket

**Note:** There will likely be locally higher amounts



## Contact and Next Briefing Information

Next Briefing:  
When: By 6:00 PM EDT Friday  
Method: [E-mail, Webinar]



**Web:** <https://weather.gov/box>



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