



HURRICANE DORIAN BRIEFING

6:00 PM EDT

Thursday, September 5, 2019

Prepared by: *WFO Boston/Norton, MA*

What has changed: Tropical Storm Watch has been upgraded to a Tropical Storm Warning

Next Briefing: 12:00 AM EDT Friday

Disclaimer: The information contained within is time-sensitive. Do not use after 12:00 AM EDT Friday.



NWSBoston






www.weather.gov/box

Situation Overview

Hurricane Dorian



Boston/Norton, MA
WEATHER FORECAST OFFICE

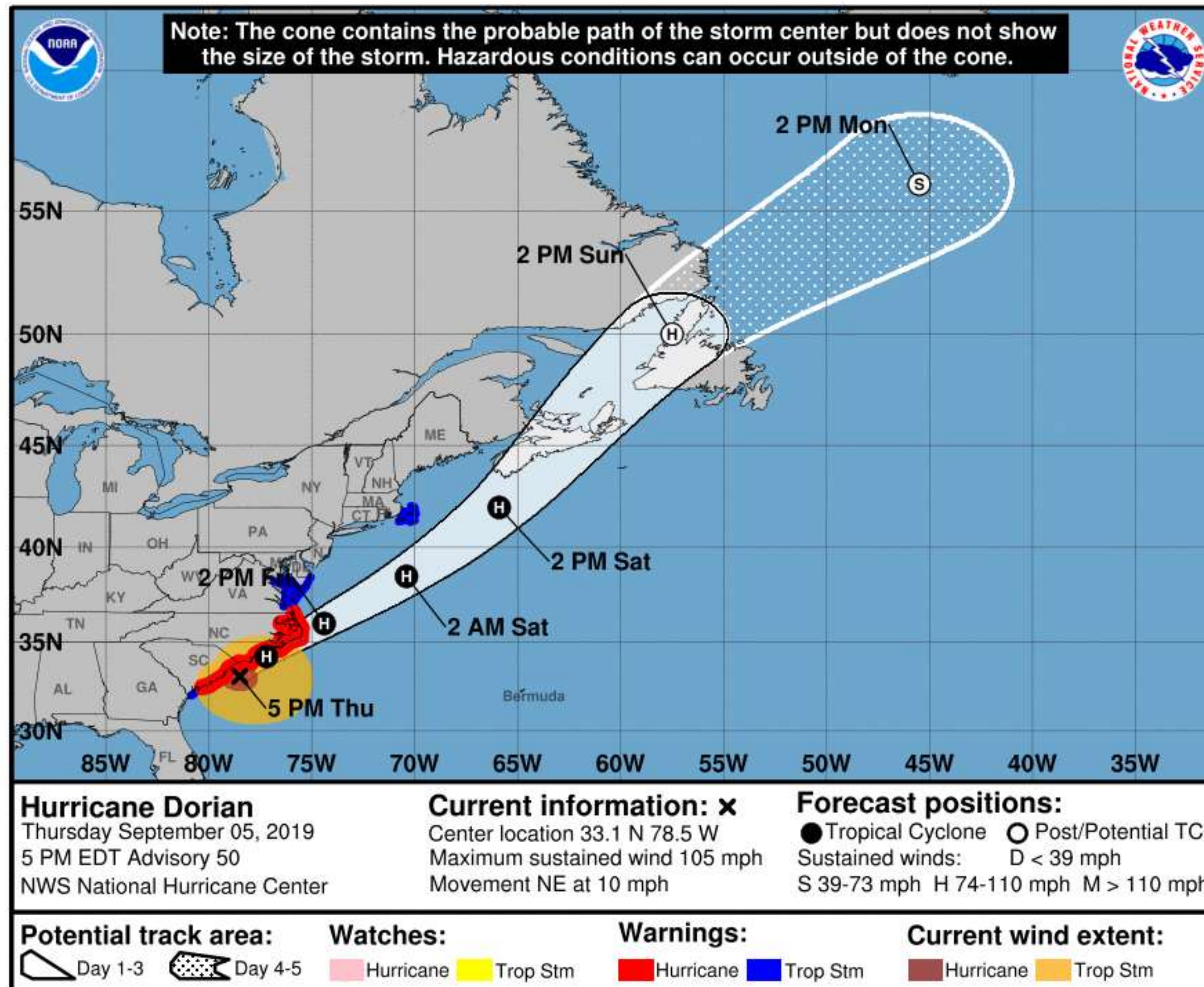
Hazard	Impacts	Location	Timing
Wind 	There is a risk for scattered wind damage	Cape Cod and the Islands	Late Friday night into Saturday morning
Storm Surge/ Inundation 	There is the potential for minor inundation in spots	Nantucket Harbor	Saturday morning
Flooding Rain 	There is the potential for significant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

Situation Overview

Hurricane Dorian



Boston/Norton, MA
WEATHER FORECAST OFFICE



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

- A Tropical Storm Warning has been issued 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

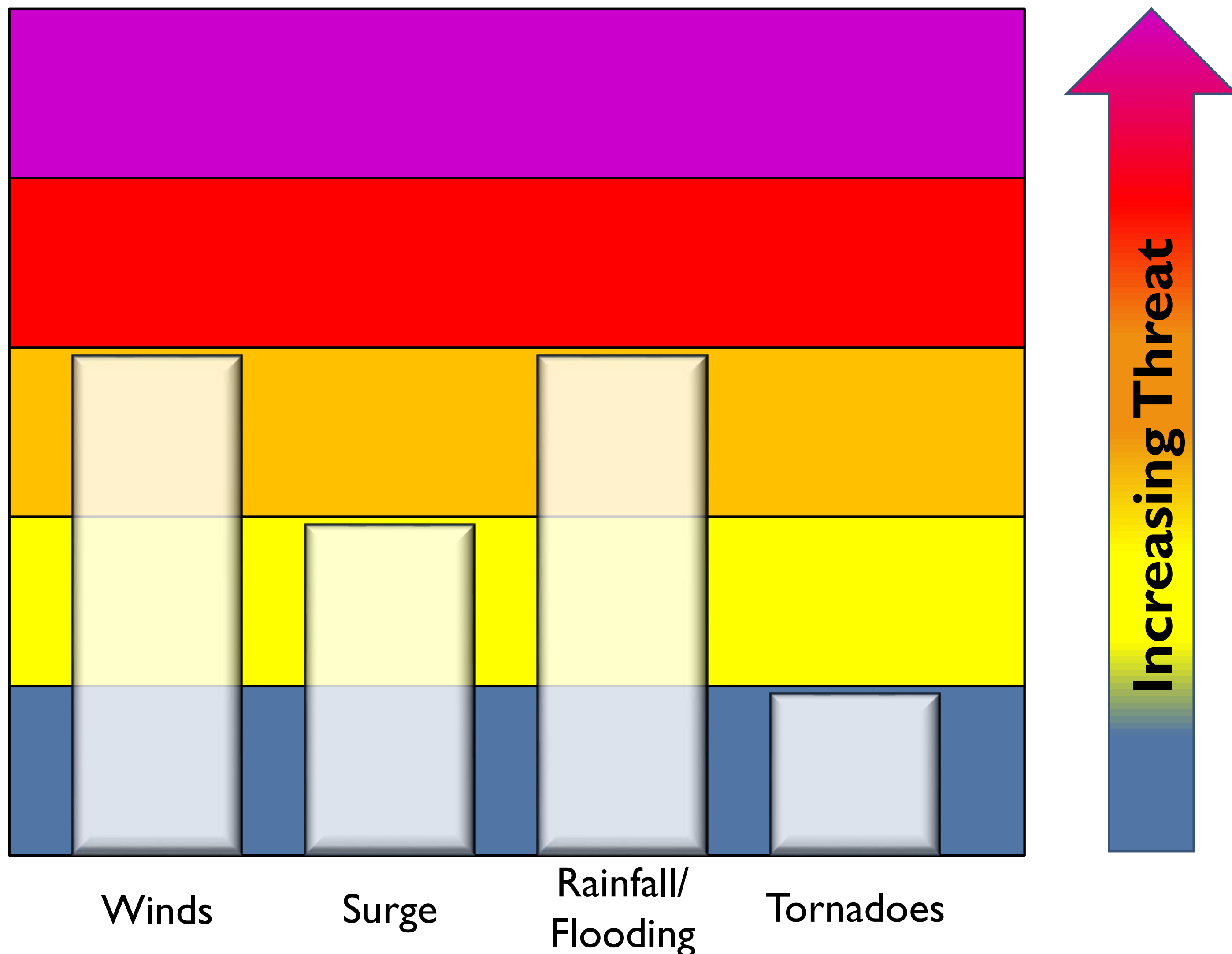
Threat Levels

Hurricane Dorian

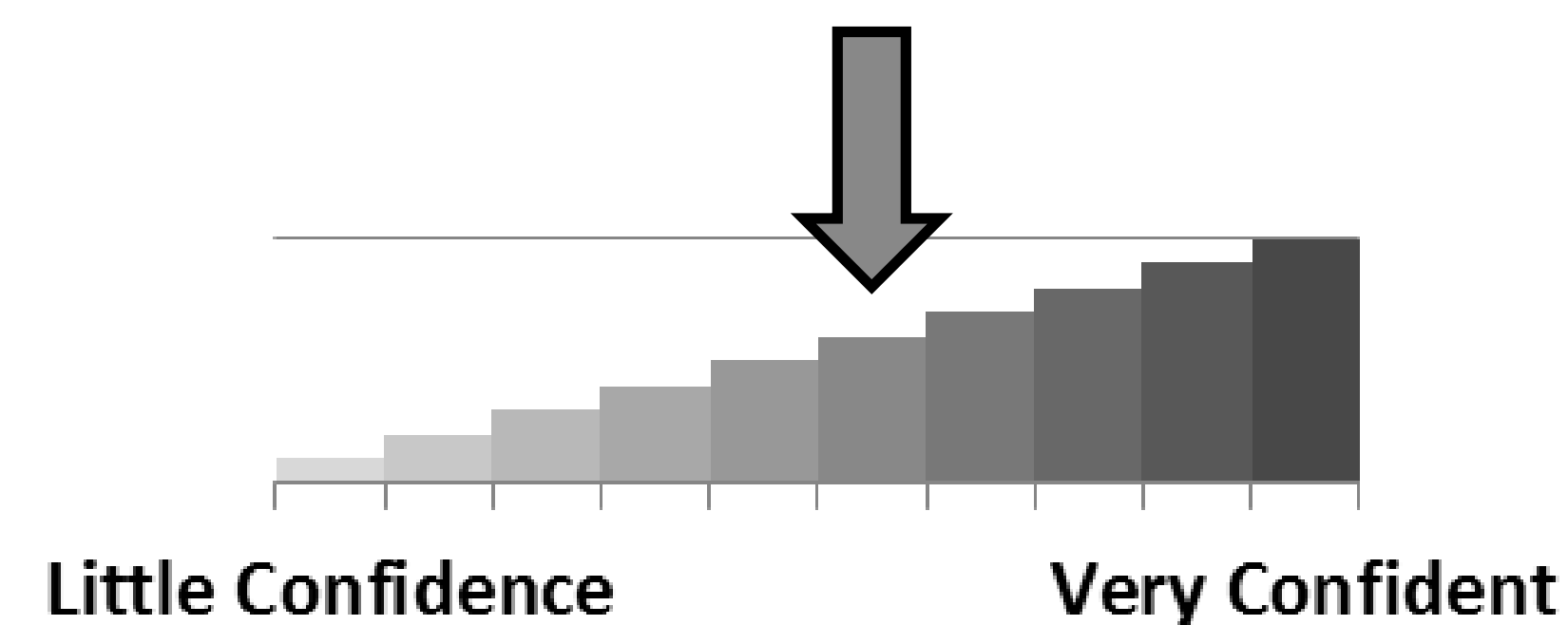


Boston/Norton, MA

WEATHER FORECAST OFFICE



Forecast Confidence



We have moderate to 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>

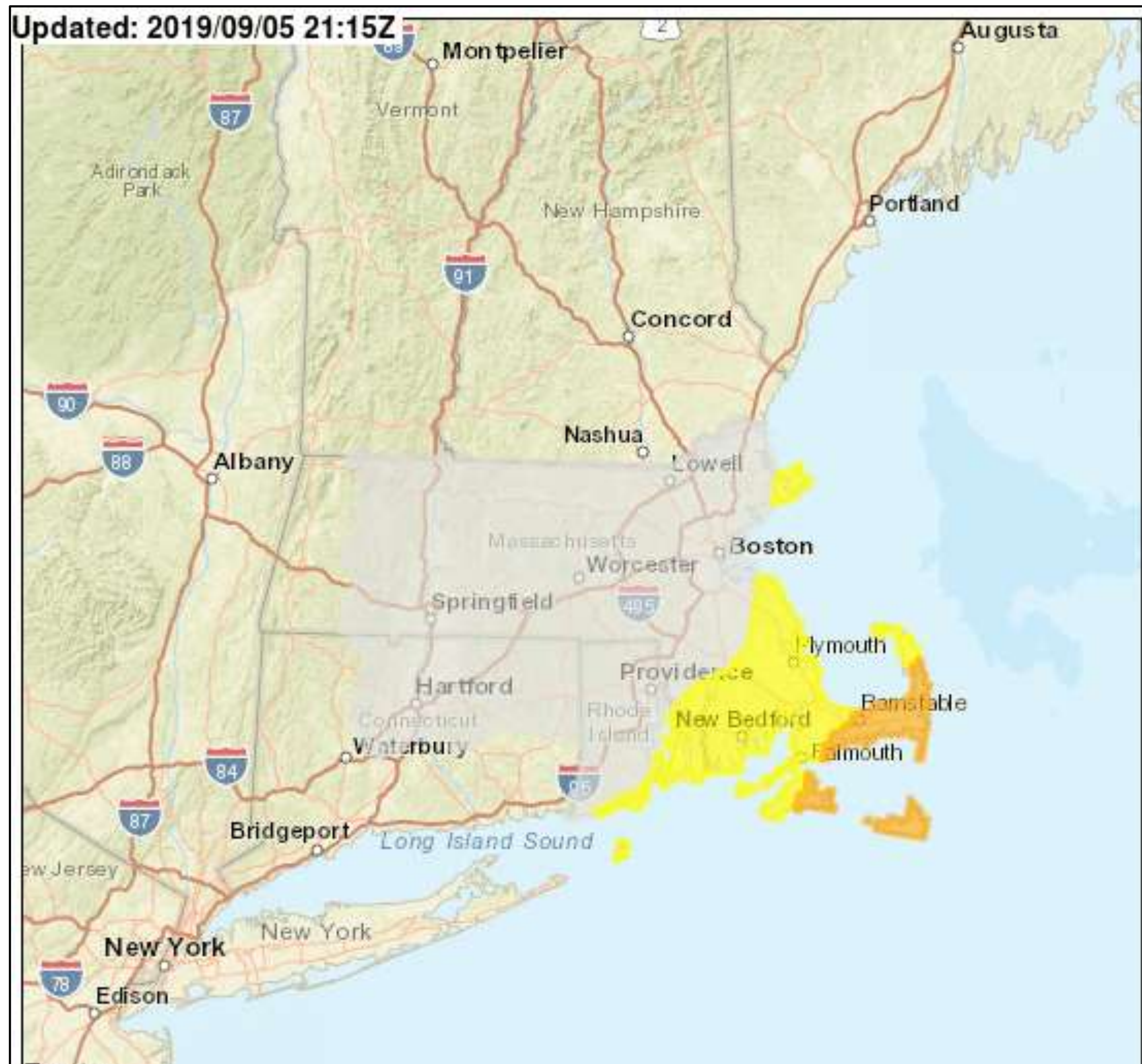
Wind Threat / Potential Impact

Hurricane Dorian



Boston/Norton, MA

WEATHER FORECAST OFFICE



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
---	----------------------------------	---------------------------------	---------------------------------	-----------------------

Potential Impacts include:

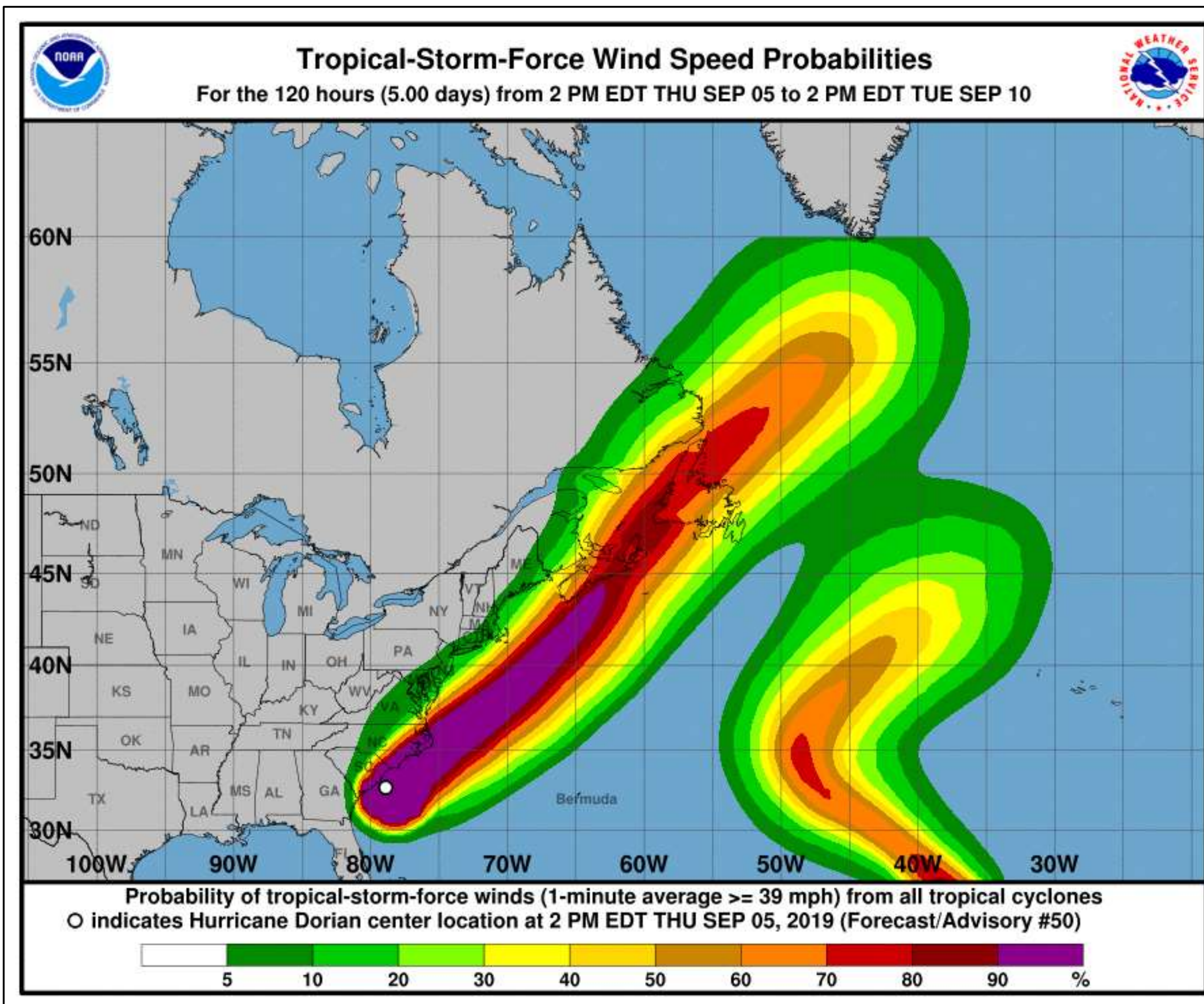
- Some damage to roofing and siding materials
- Downed trees and powerlines
- Scattered power outages

TS Wind Speed Probabilities

Hurricane Dorian



Boston/Norton, MA
WEATHER FORECAST OFFICE



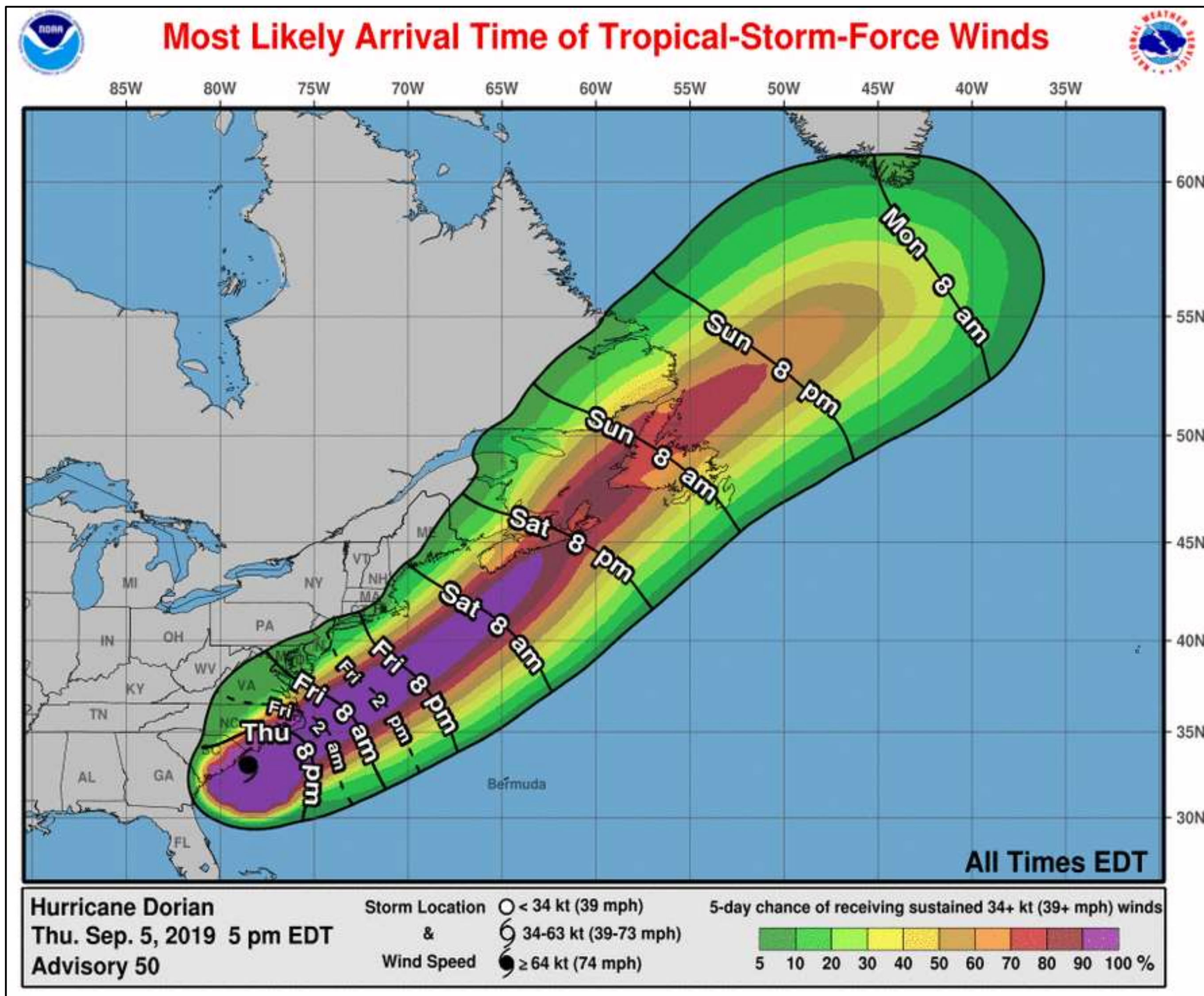
- Greatest risk for tropical storm force winds across Nantucket and the outer Cape
- Strongest winds will be late Friday night into Saturday morning

Most Likely Time of Arrival

Hurricane Dorian



Boston/Norton, MA
WEATHER FORECAST OFFICE



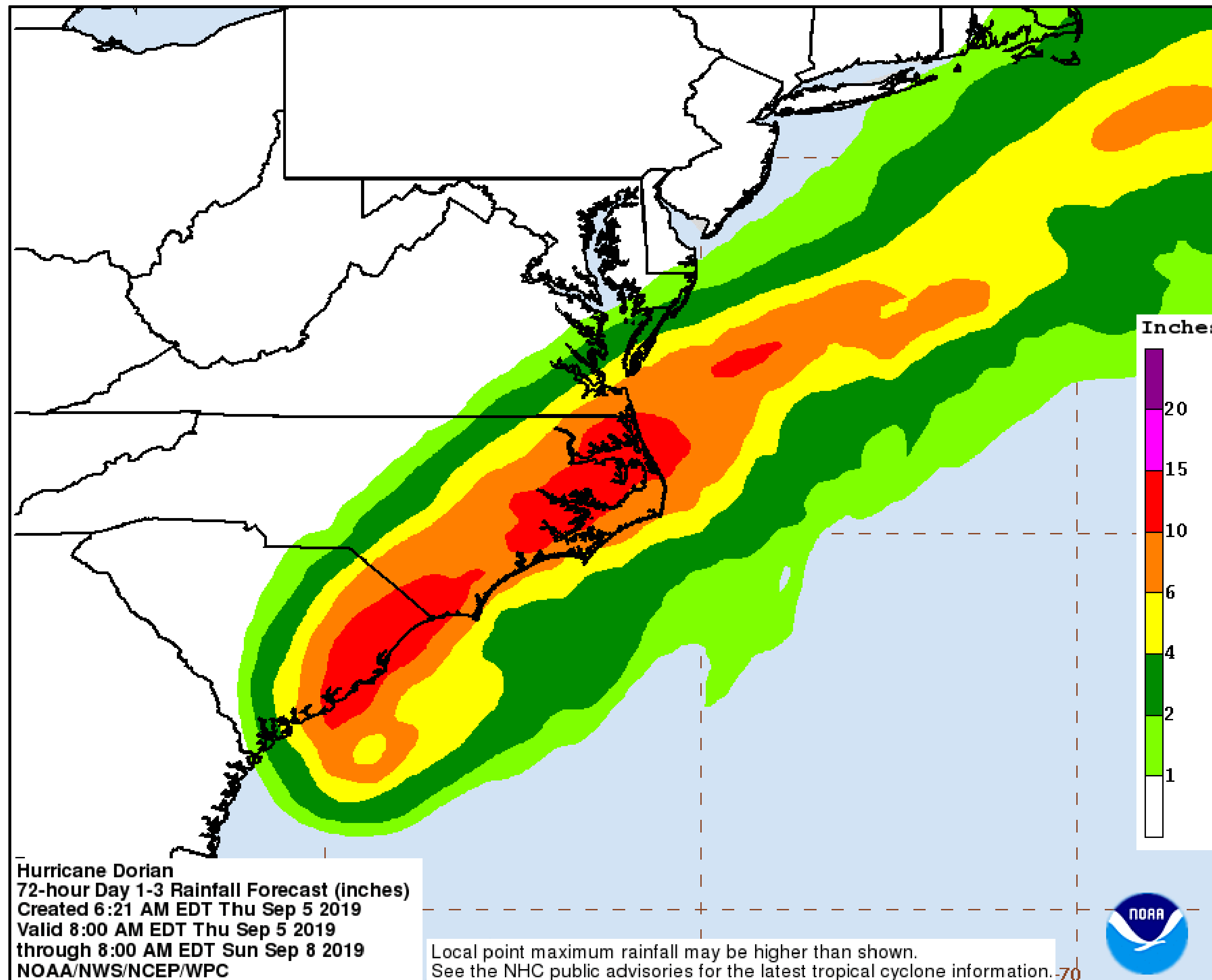
- The most likely time of arrival of Tropical Storm Force Winds for the Cape and Islands is after midnight Friday night into Saturday morning
- However, this area could see Tropical Storm Force Winds as early as Friday evening

Expected Storm Total Rainfall

Hurricane Dorian



Boston/Norton, MA
WEATHER FORECAST OFFICE



- Storm Total rainfall forecast valid through Saturday
- Rainfall of 2 to 4 inches, heaviest late Friday night into Saturday morning

Note: There will likely be locally higher amounts



Contact and Next Briefing Information

Next Briefing:
When: By 12:00 AM EDT Friday
Method: E-mail



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



Phone: (508) 622-3250



E-mail: box.operations@noaa.gov



Facebook: [NWSBoston](#)



Twitter: [NWSBoston](#)



YouTube: [NWSBoston](#)

BOX Tropical Briefing Webpage: <https://weather.gov/box/tropical>



NWSBoston

www.weather.gov/box