



# HURRICANE DORIAN BRIEFING

5:30 PM EDT

Wednesday, September 4, 2019

Prepared by: *WFO Boston/Norton, MA*

**What has changed:** Track slightly farther offshore

**Next Briefing:** 12:00 PM EDT Thursday

**Disclaimer:** The information contained within is time-sensitive. Do not use after 12:00 PM EDT Thursday.



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 isolated to scattered minor wind damage.	Cape and islands	Friday Night into Saturday
Storm Surge/ Inundation 	There is the potential for minor inundation in spots.	The usually vulnerable south-facing, ocean-exposed portions of the coast	Friday Night into Saturday
Flooding Rain 	There is the potential for significant amounts of rainfall that could lead to some flooding	Cape and islands	Friday Night into Saturday
Tornado 	There is a minimal risk for tornadoes	Cape and islands	Friday Night into Saturday
Marine 	There is the potential for very dangerous conditions.	Mainly across the outermost coastal waters of MA, especially south and east of Nantucket	Friday Night into Saturday

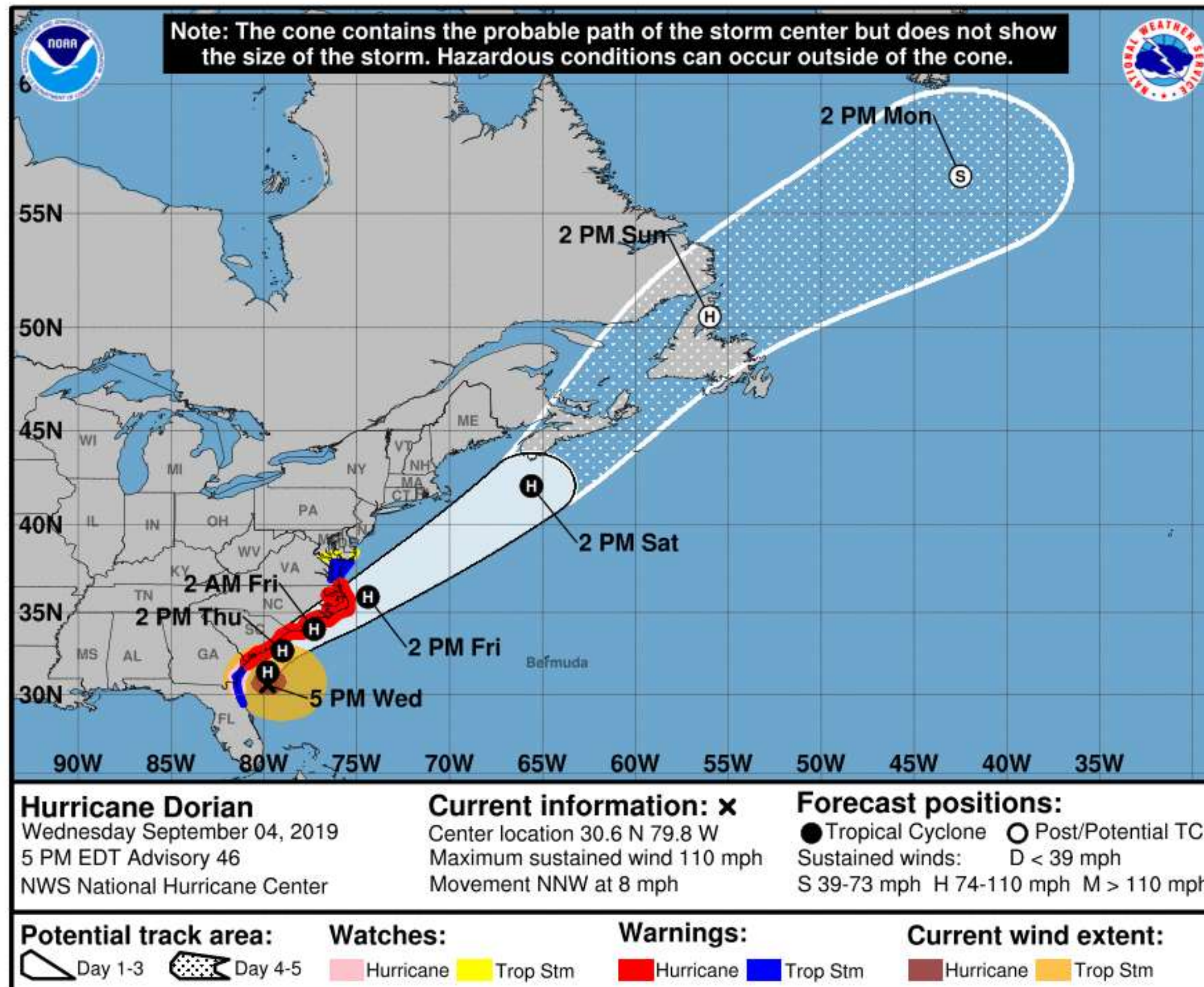


# Situation Overview

## Hurricane Dorian



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### New Information

- Track slightly farther offshore

### Immediate Concerns

- None

### Long-Term Concerns

- Rip current threat late today into Sunday
- Potential wind impacts, mainly for the outer Cape and Nantucket
- More significant wind impacts on the coastal waters

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



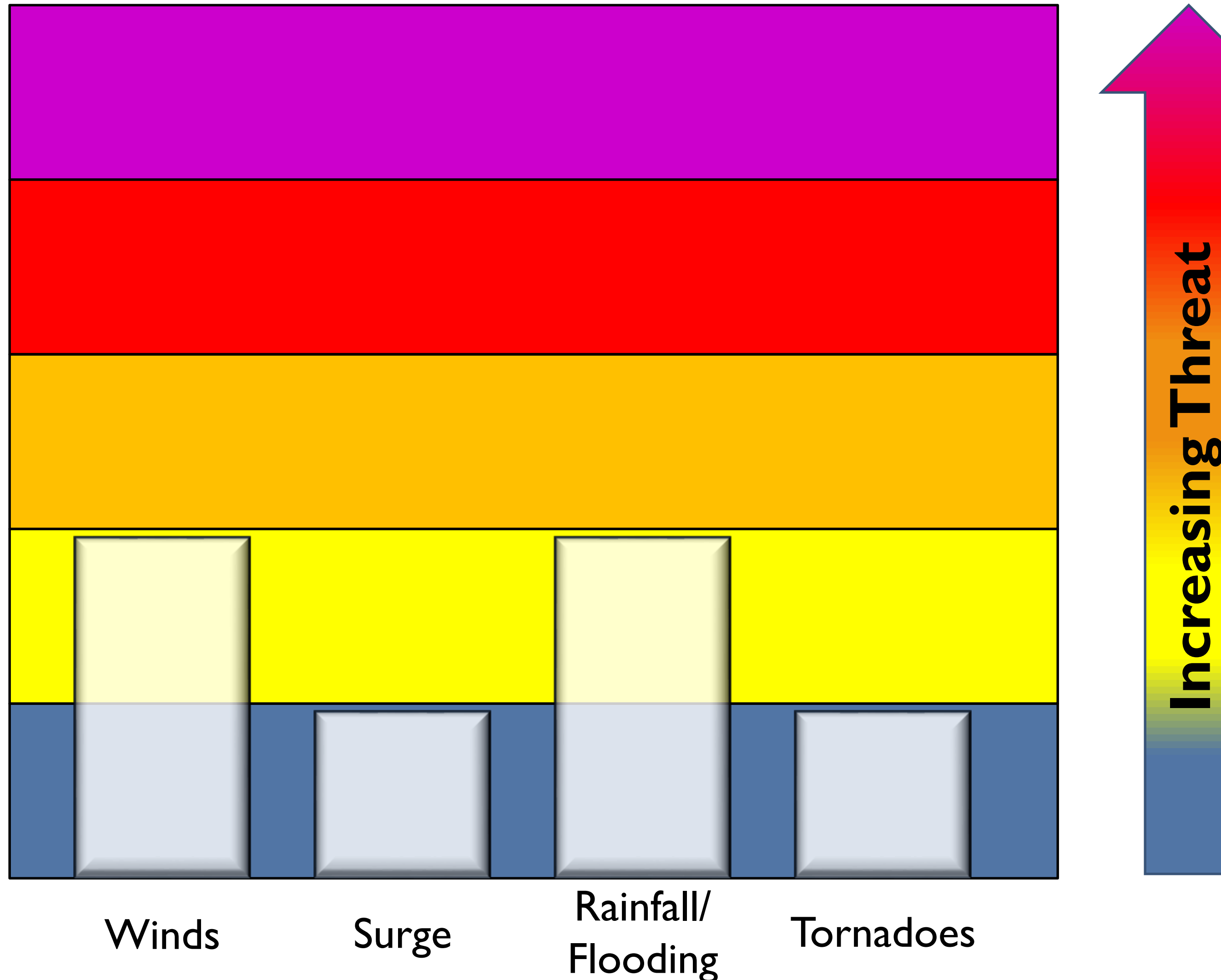
# Threat Levels

Hurricane Dorian

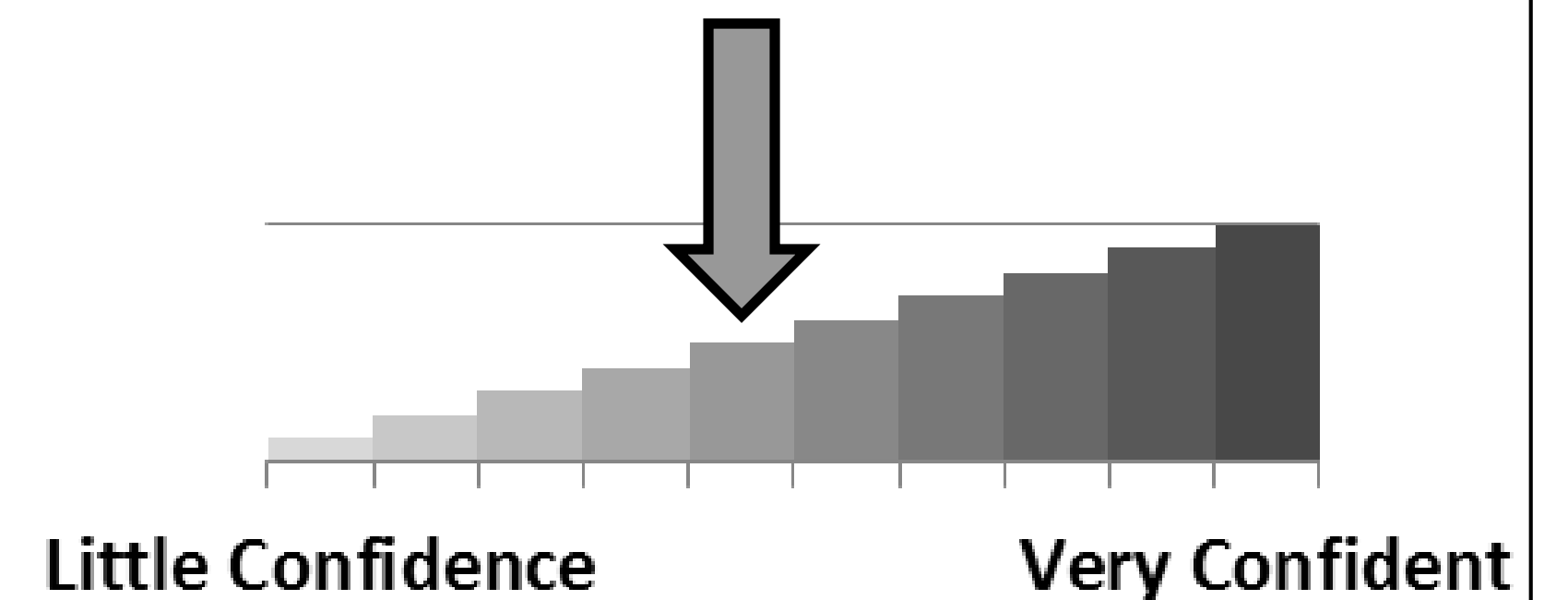


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## Forecast Confidence



Still some uncertainty with the track.  
Most likely a pass off the SE coast of  
Massachusetts

Highest confidence in rip current threat.  
Lower confidence for wind and rain  
threat.

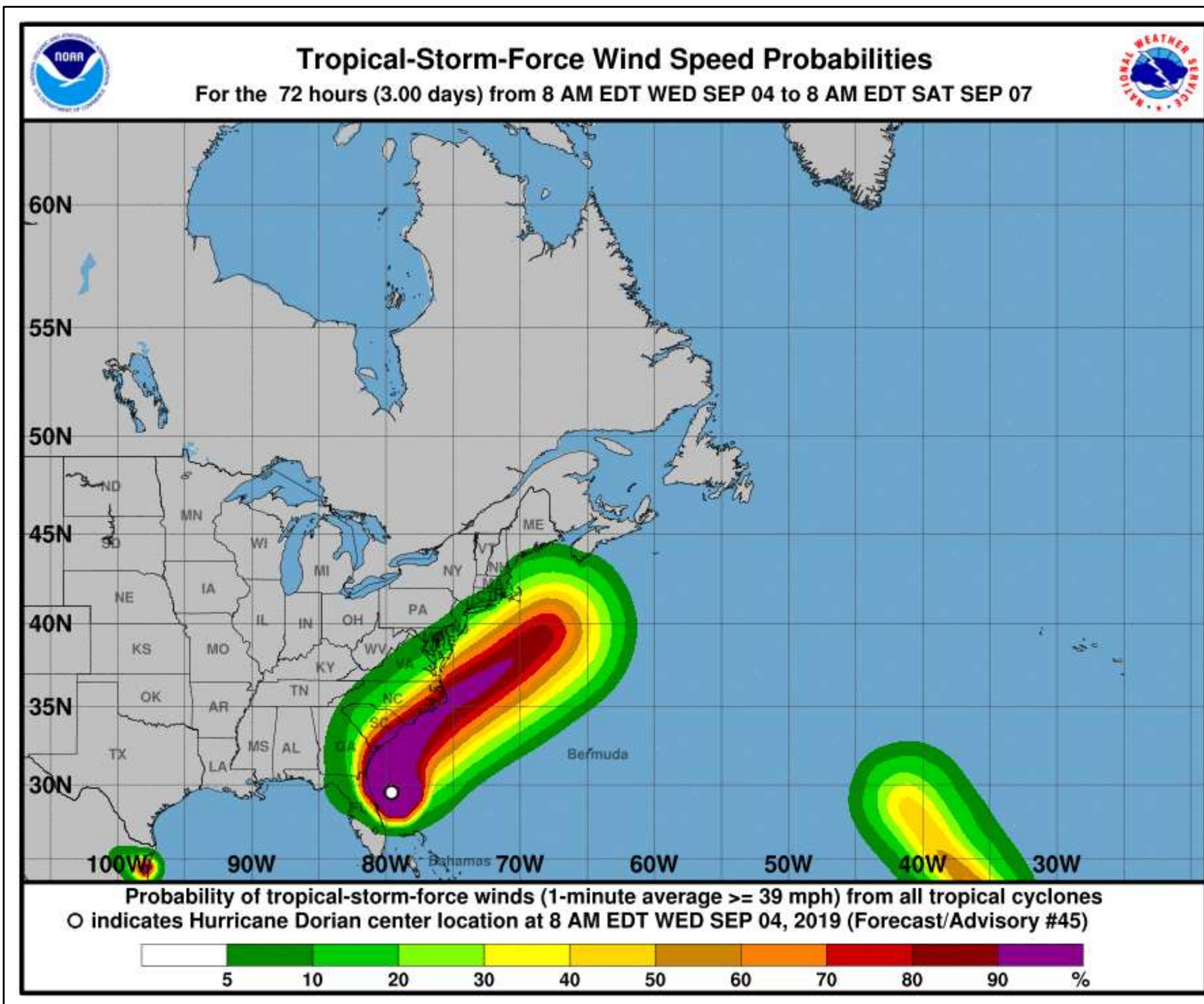
For information on specific hazards in this area,  
please go to <https://www.weather.gov/box/tropical>

# TS Wind Speed Probabilities

Hurricane Dorian



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- Increased risk for tropical storm force winds across Nantucket, and nearly steady threat across the Cape, Vineyard and Block Island.
- Tropical Storm conditions could begin as early as Friday evening.
- Offshore track most likely at this time.

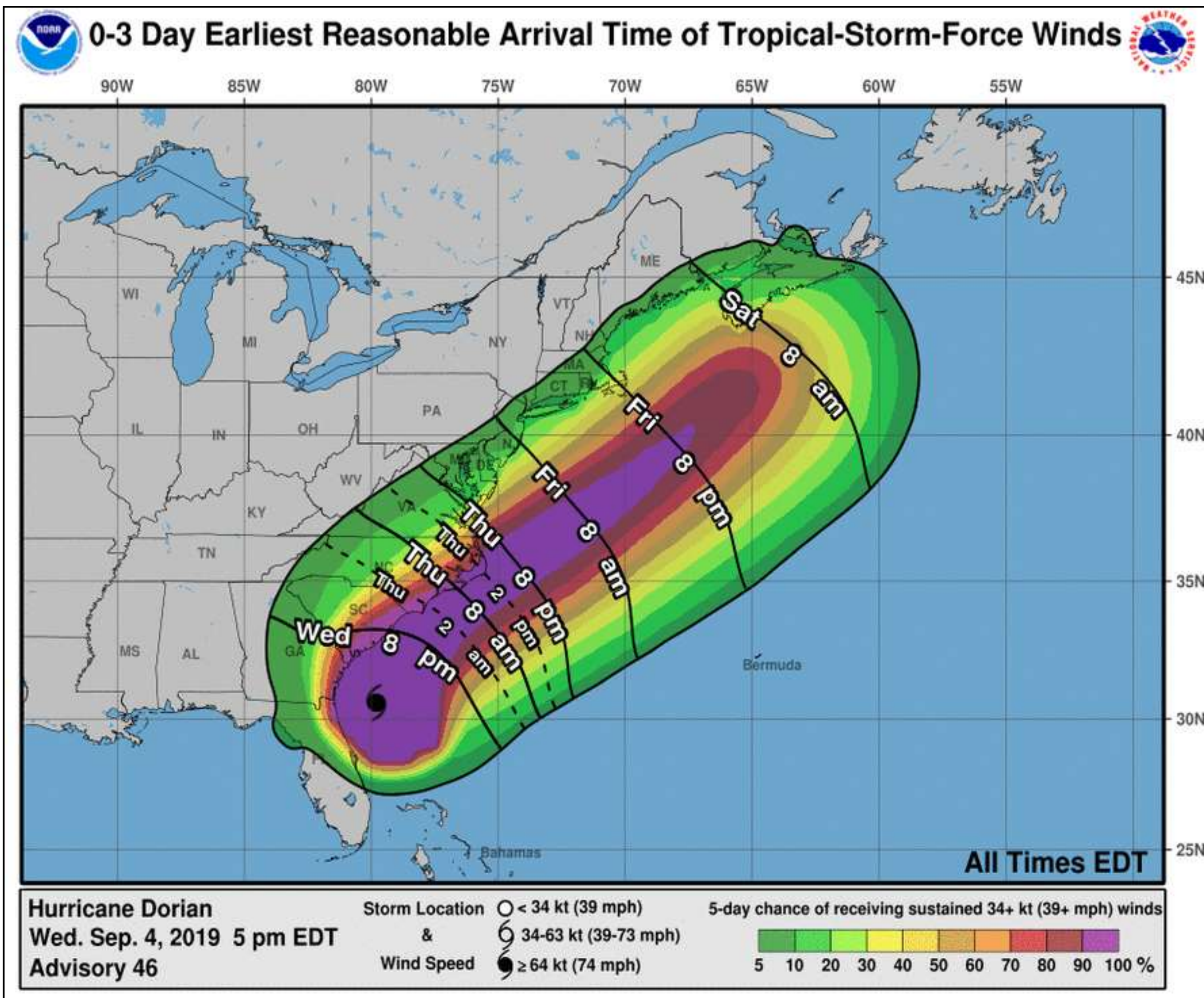


# Earliest Reasonable Time of Arrival

Hurricane Dorian



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- The earliest reasonable time of arrival of Tropical Storm Force Winds for the Cape and islands is Friday evening.
- However, the most likely time this area could see Tropical Storm Force Winds will be during Friday night into Saturday.





## Contact and Next Briefing Information

**Next Briefing:**  
**When:** By 12:00 PM EDT Thursday  
**Method:** E-mail



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



**Phone:** (508) 622-3250



**E-mail:** [box.operations@noaa.gov](mailto:box.operations@noaa.gov)



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