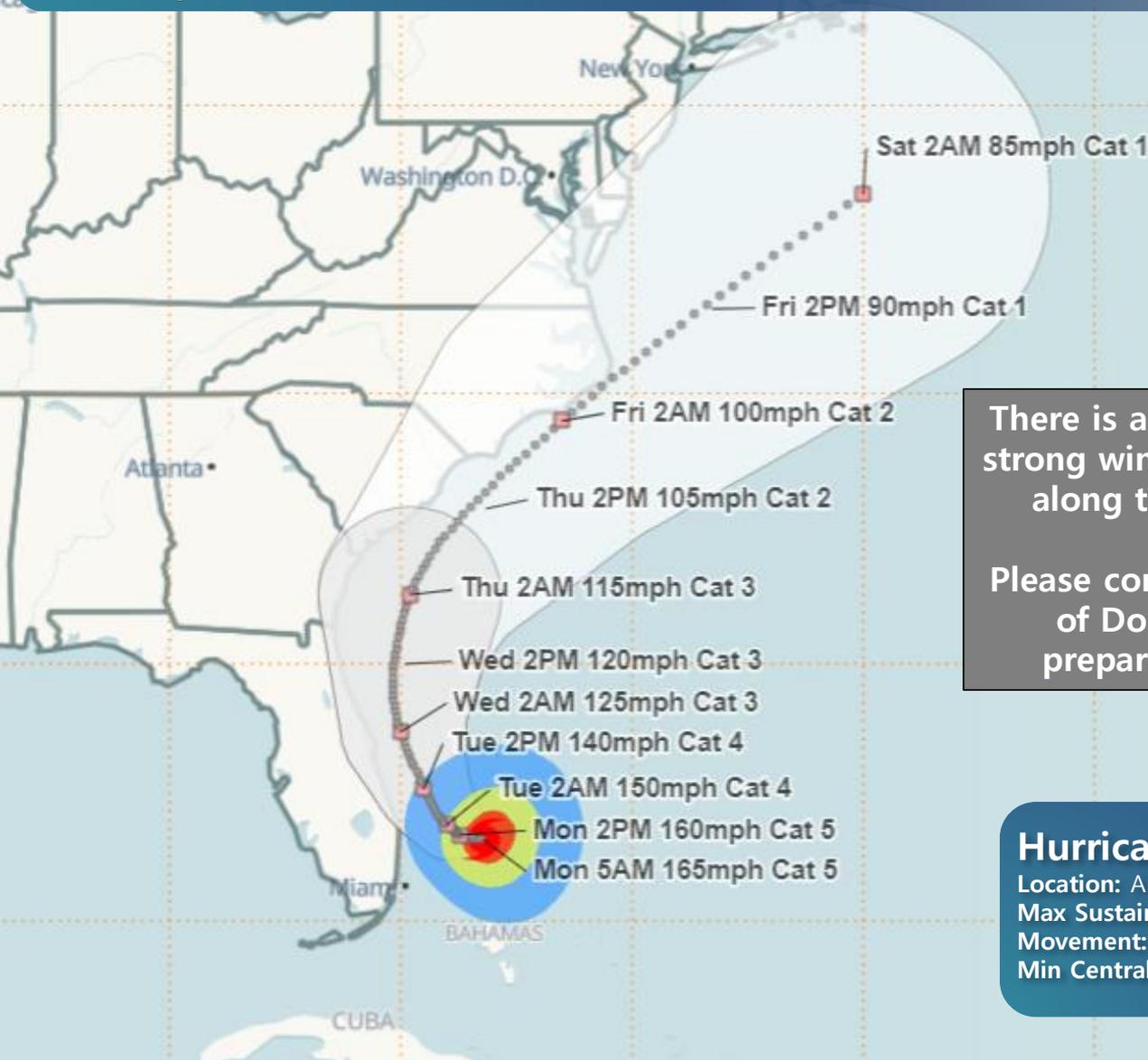


# HURRICANE DORIAN

September 2, 2019 – 5AM



There is an increasing risk of heavy rain, strong winds and dangerous storm surge along the NC coast later this week.

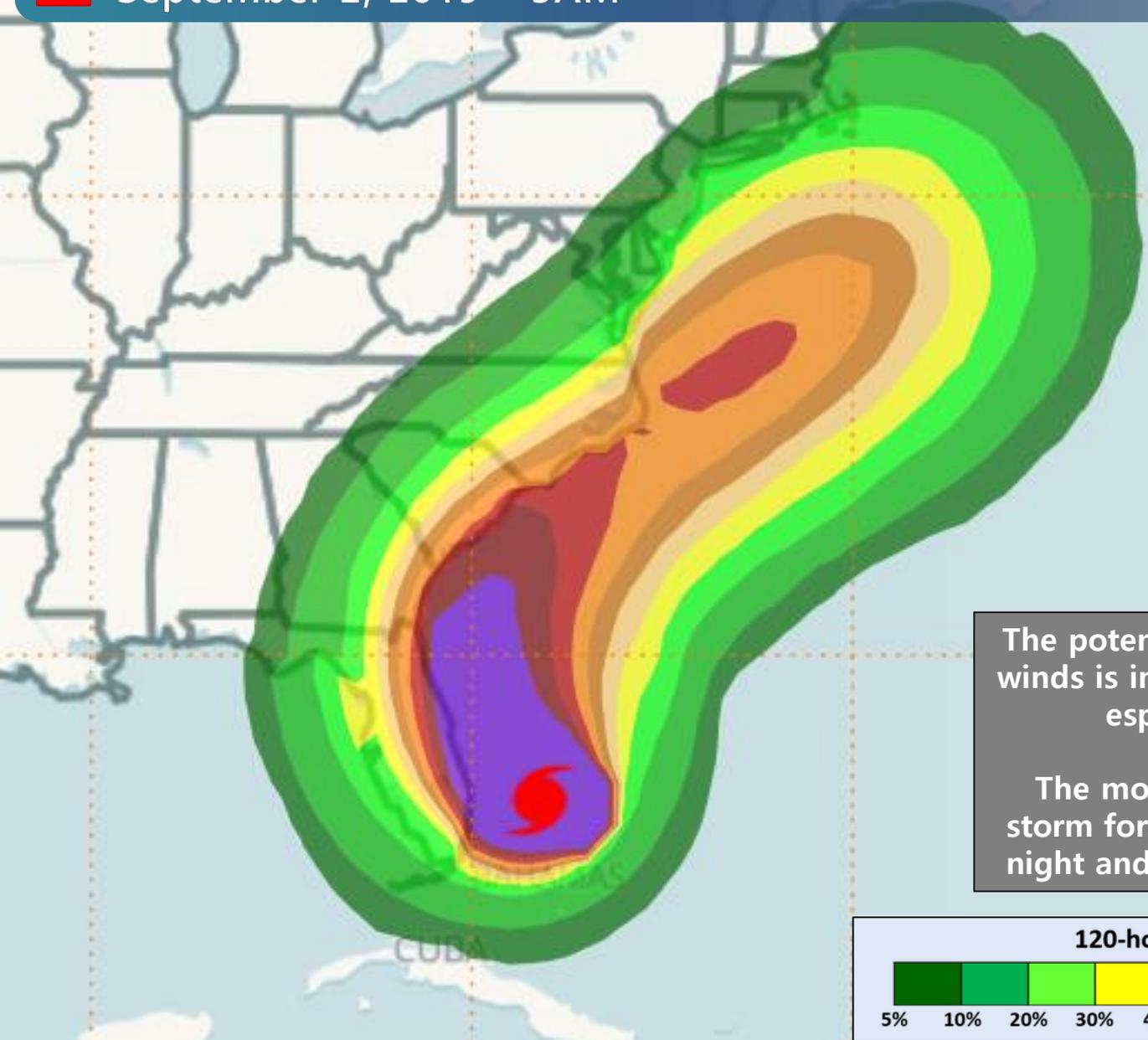
Please continue to monitor the progress of Dorian and consider personal preparations that may be needed.

**Hurricane Dorian [5AM MON]**  
**Location:** Approx. 115 miles E of West Palm Beach, FL  
**Max Sustained Winds:** 165 MPH  
**Movement:** W at 1 MPH  
**Min Central Pressure:** 27.05" (916 mb)

The NHC Track Forecast Cone is NOT an Impact Cone. Impacts will be felt far from the center of the storm.

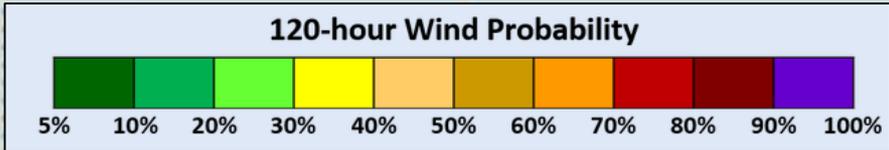
# TROPICAL-STORM-FORCE WIND SPEED PROBABILITIES

September 2, 2019 – 5AM



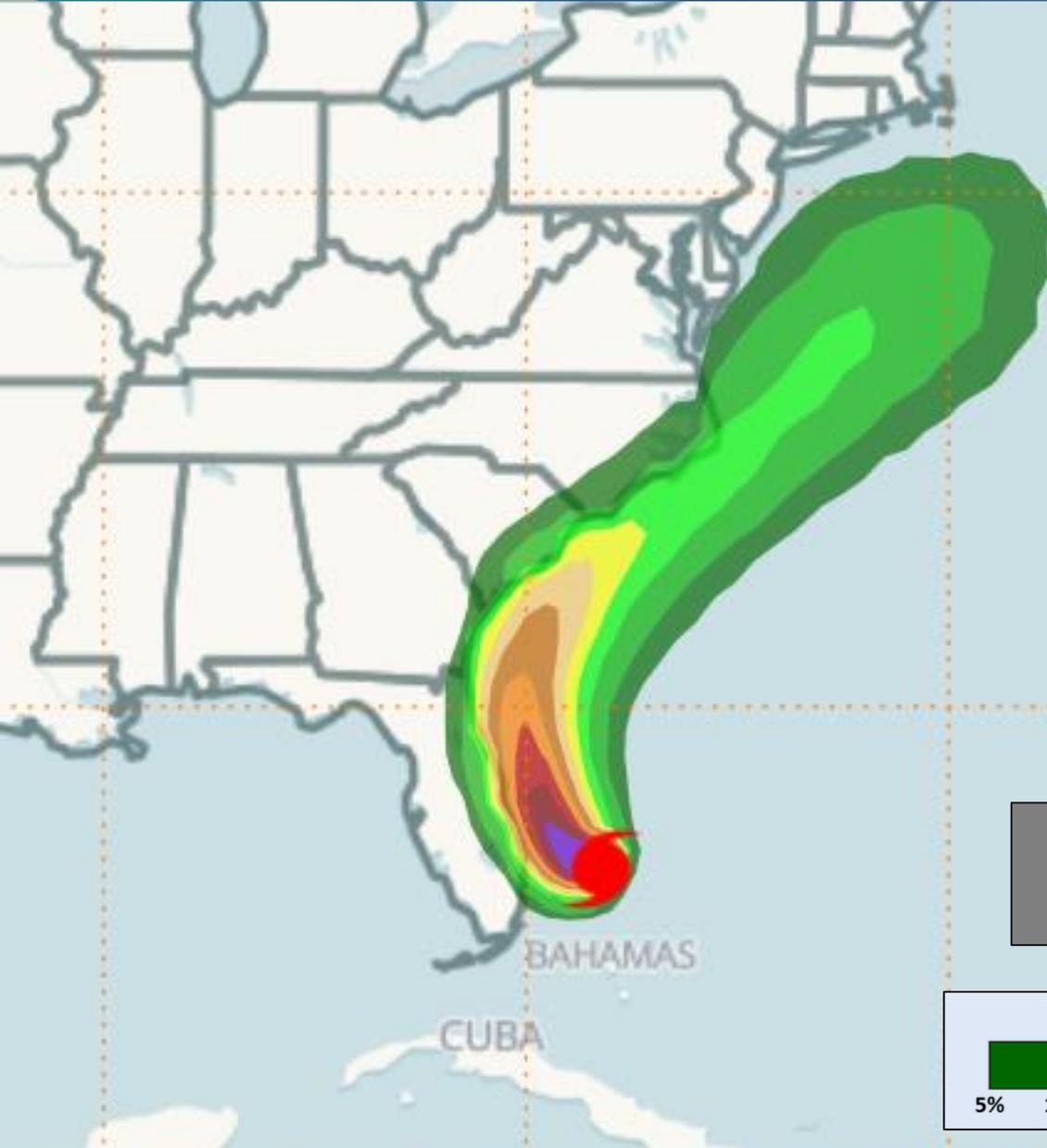
The potential for tropical storm force winds is increasing across eastern NC, especially coastal areas.

The most likely arrival of tropical storm force winds is late Wednesday night and through the day Thursday.

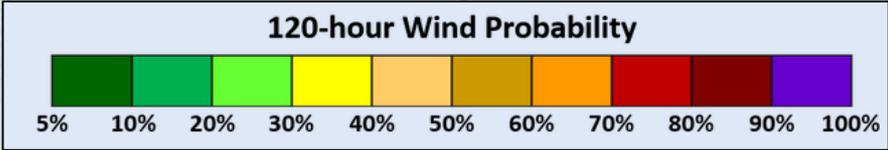


# HURRICANE-FORCE WIND SPEED PROBABILITIES

September 2, 2019 – 5AM



The potential for Hurricane Force winds remains low but is highly dependent on the track of Dorian.

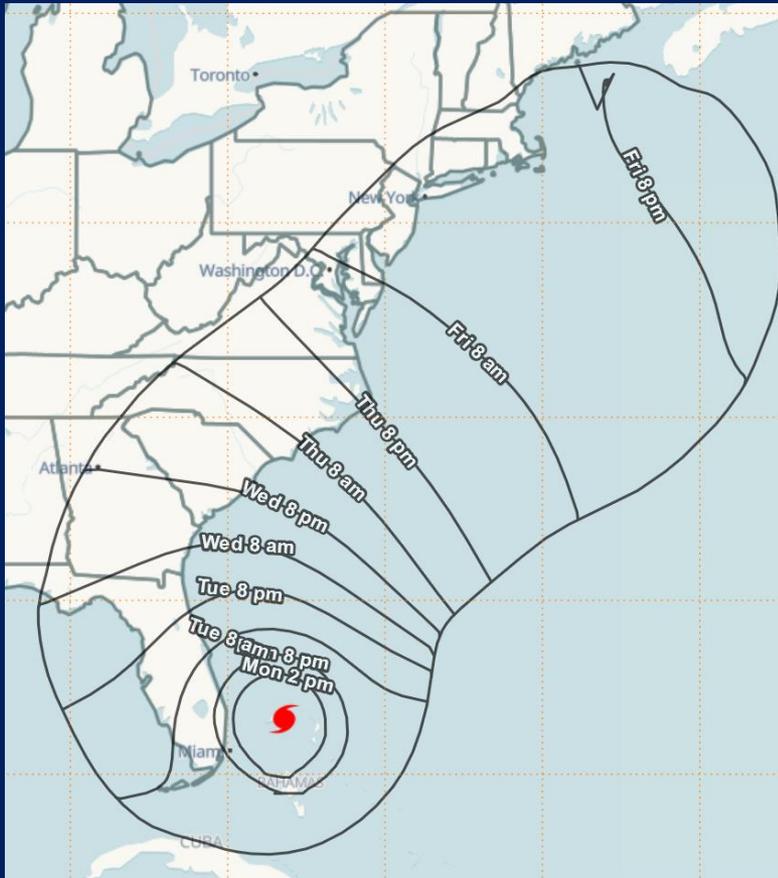


# ARRIVAL OF TSF WINDS

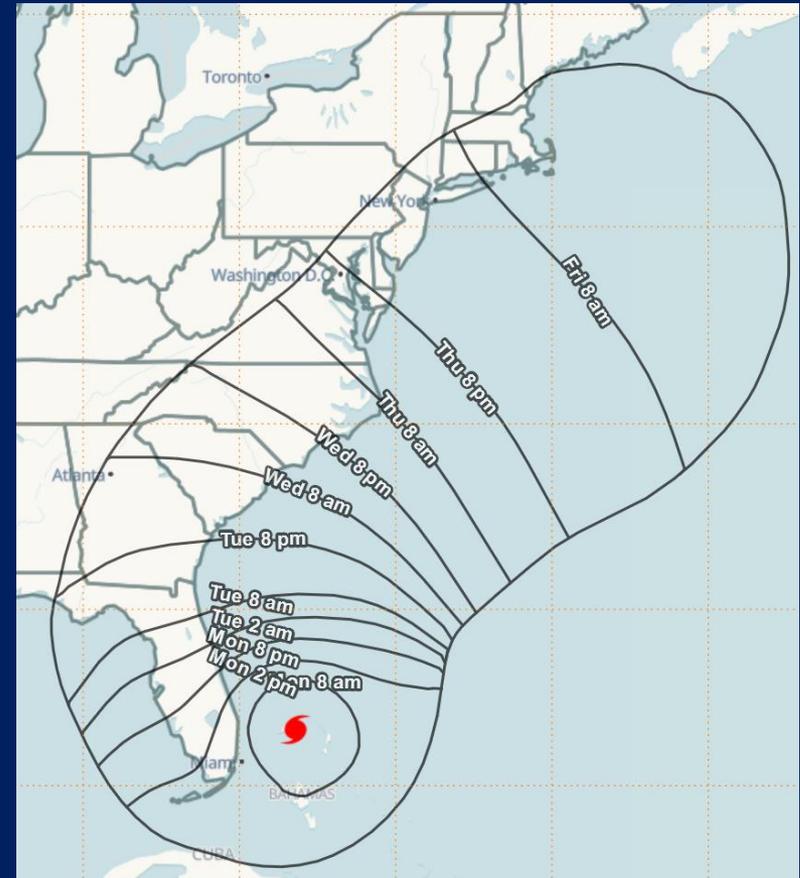
September 2, 2019 – 5AM



## Most Likely Arrival



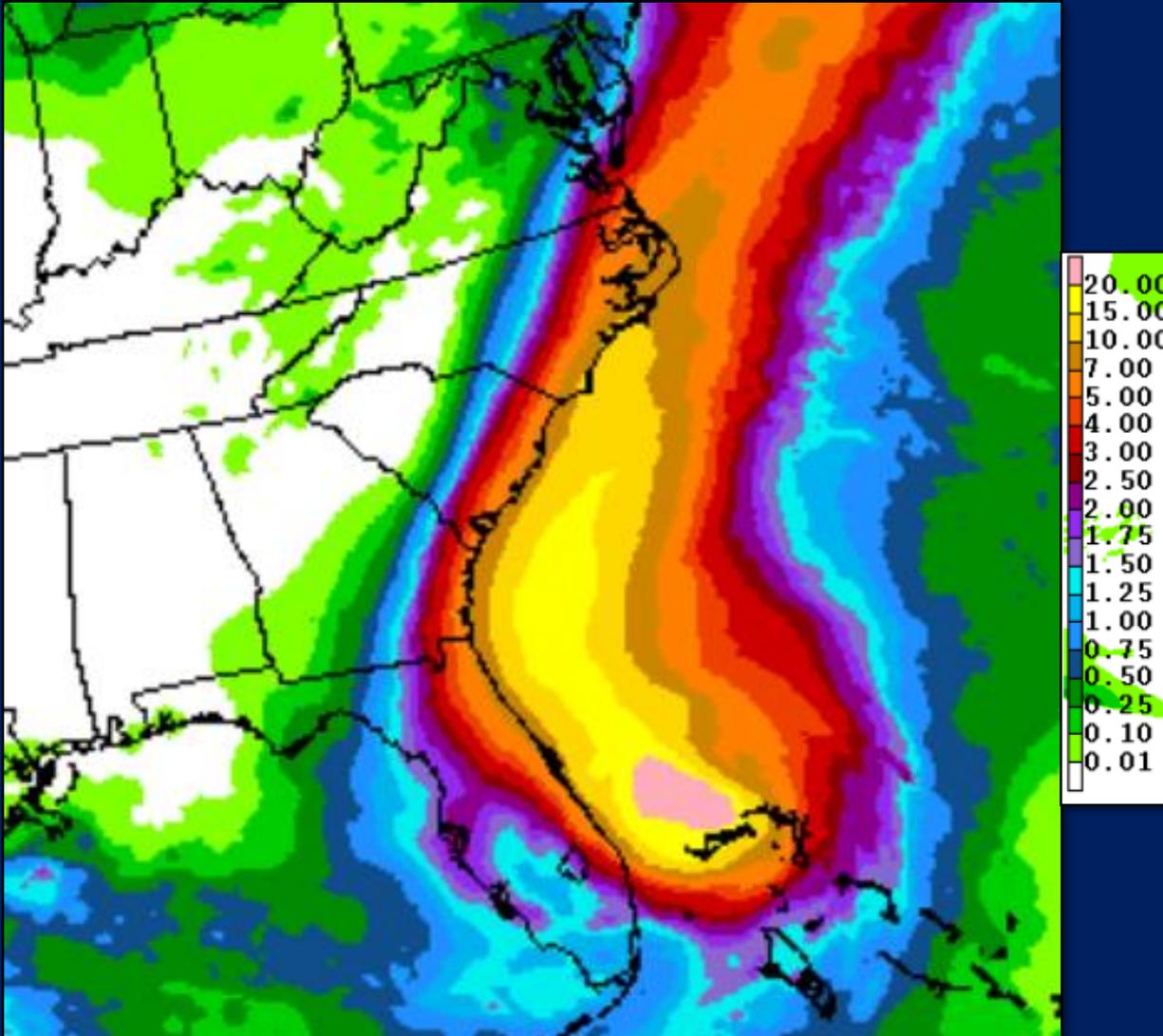
## Earliest Reasonable Arrival



The most likely arrival time of tropical storm force winds is late Wednesday night and through the day Thursday. However, tropical storm force winds could begin as early as late Wednesday morning across SE NC.

# 5-DAY RAINFALL FORECAST

8AM Monday, September 2 – 8AM Saturday, September 7

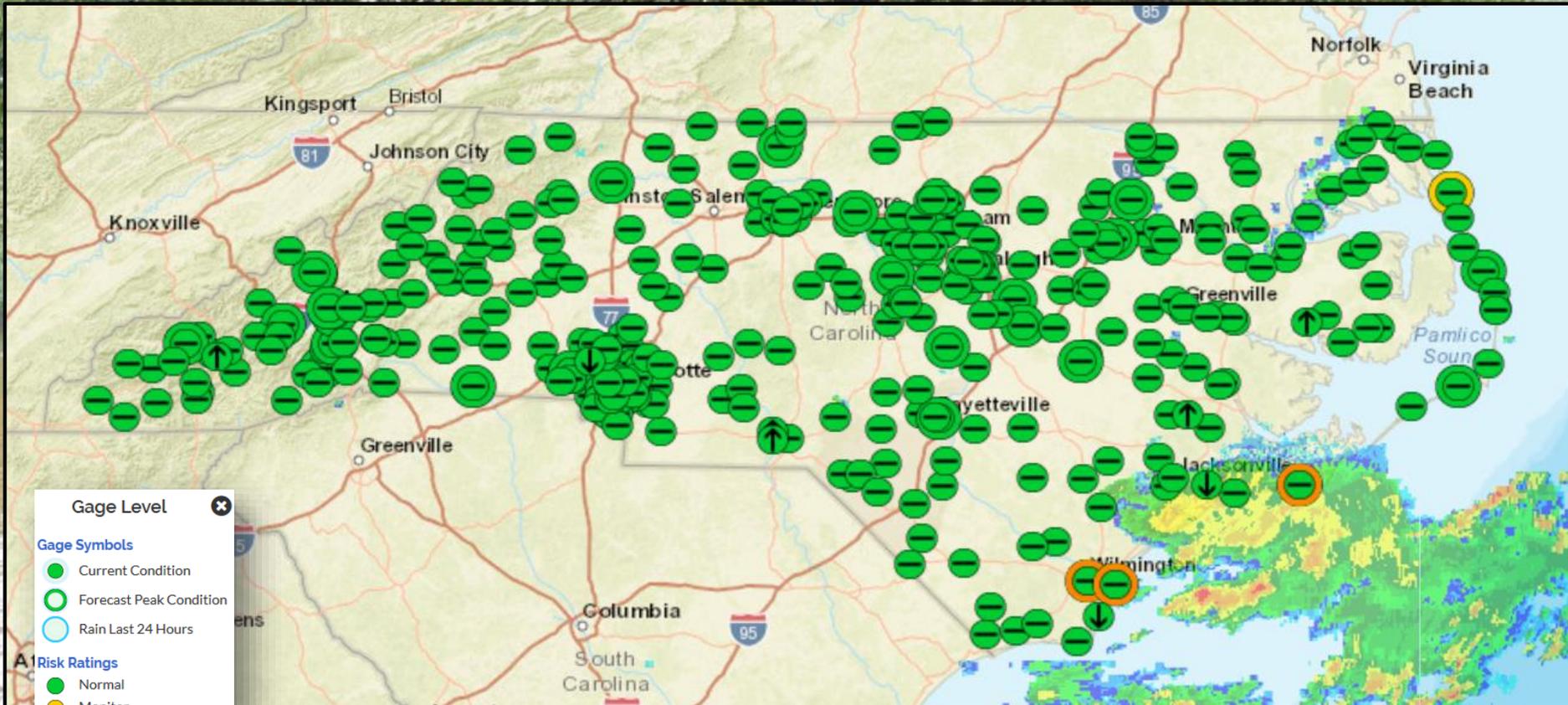


Rainfall amounts of 5-10" (isolated amounts to 15") near the coast. Lesser amounts inland.

The heaviest rain is expected late Wednesday night – early Friday.

# RIVER FLOOD OUTLOOK

September 2, 2019 – 5AM



**Gage Level**

**Gage Symbols**

- Current Condition
- Forecast Peak Condition
- Rain Last 24 Hours

**Risk Ratings**

- Normal
- Monitor
- Minor Flooding
- Moderate Flooding
- Major Flooding
- Not Risk Rated
- Out of Service

**Trend**

- Rising
- Falling
- Constant



**FIMAN** Flood Inundation Mapping and Alert Network

# HAZARDS SUMMARY: DORIAN

September 2, 2019 – 5AM



HAZARD	DETAILS	IMPACTS	TIMING
<b>Storm Surge</b>	Too early for specific details	Ongoing minor tidal flooding will continue independent from Dorian. There is the potential for life-threatening sound side and coastal storm surge inundation.	Late Wed - Friday
<b>Inland Flooding</b>	5-10" near the coast (isolated 15") 2-6" across the Coastal Plain <3" across central NC	Rainfall may cause life-threatening flash flooding. Greatest threat east of I-95.	Wednesday Night – Friday
<b>Damaging Winds</b>	Tropical Storm Force winds possible; lower chance of Hurricane Force winds - highest potential near the coast	Downed trees, widespread power outages, structure damage. Tropical Storm Force winds will most likely begin Wed evening.	TS Force Winds: Late Wed Night – Friday
<b>Tornadoes</b>	Tornado threat will be closely tied to the exact track of Dorian.		Wednesday – Thursday
<b>Marine &amp; Coastal</b>	Rip currents, dangerous surf, and beach erosion likely		Monday – Friday

Threat Levels:

None

Low

Moderate

High

Extreme