

# TIMELINE & KEY TAKEAWAYS

September 26, 2022 – 8AM



Monday - Thursday	Thursday Night	Friday - Saturday	Sunday
<p>Most areas will remain dry, but isolated showers/storms will be possible near the coast. Rain chances will begin to increase across SE NC Thursday afternoon.</p>	<p>The threat of heavy rain and breezy winds will begin to increase along and near the coast.</p>	<p>The heaviest rain, strongest wind gusts, and potential for coastal flooding and isolated tornadoes will likely be Friday and into Saturday.</p>	<p>Rain coverage will likely decrease by the end of the weekend.</p>

## Hurricane Ian

- Confidence in the forecast track beyond Wednesday remains very low, and changes to the expected timeline and impacts are possible.
- The greatest and most widespread hazard from this system will likely be heavy rain.
- Additional hazards include the potential for gusty winds, some coastal flooding, and isolated tornadoes.
- Continue to monitor the forecast over the coming days as details are refined and the magnitude of impacts become more clear.

# HURRICANE IAN

National Hurricane Center

(September 26, 2022 – 8AM)



Hurricane Ian will likely continue to strengthen through early Wednesday morning, before its intensity is reduced due to strong wind shear.

NC will likely see heavy rain and the potential for gusty winds, some coastal flooding, and isolated tornadoes later this week and into the weekend.

## Hurricane IAN - Monday, September 26, 2022 8AM EDT Advisory #13A

● Center Location: 18.7 N 82.4 W Maximum Sustained Winds: 75 mph (Cat 1) Movement: 14 mph NW

Potential Track Area:  1-3 day  4-5 day Wind Field:  at current location

Sustained Wind Speed: tropical storm >= 34kt/39mph strong tropical storm >= 50kt/58mph hurricane >= 64kt/74mph

Wind Watches: hurricane tropical storm Wind Warnings: hurricane tropical storm

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

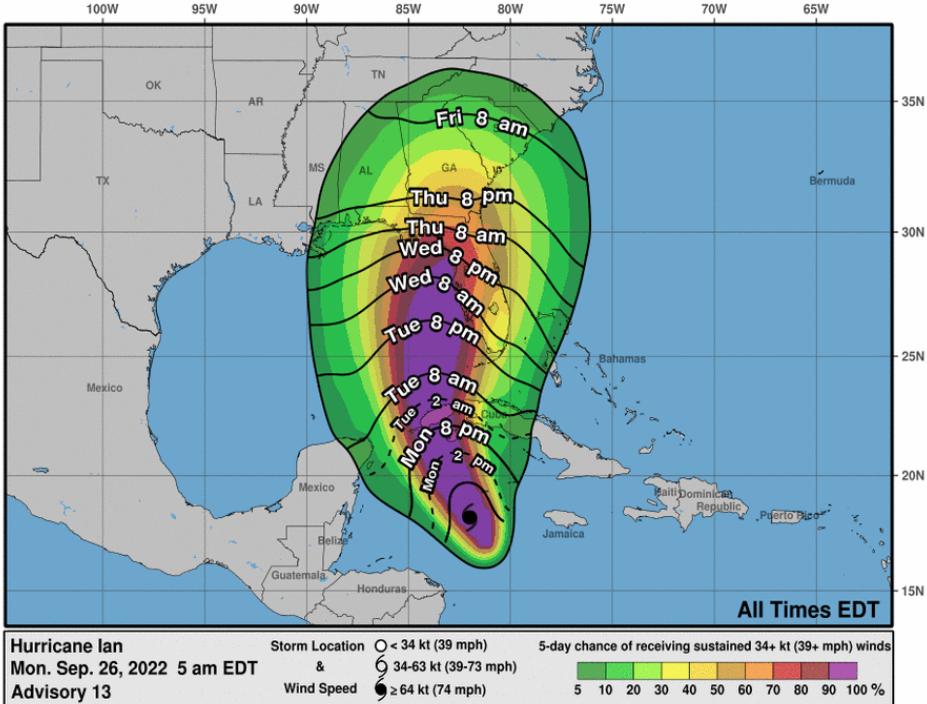
# HURRICANE IAN

National Hurricane Center

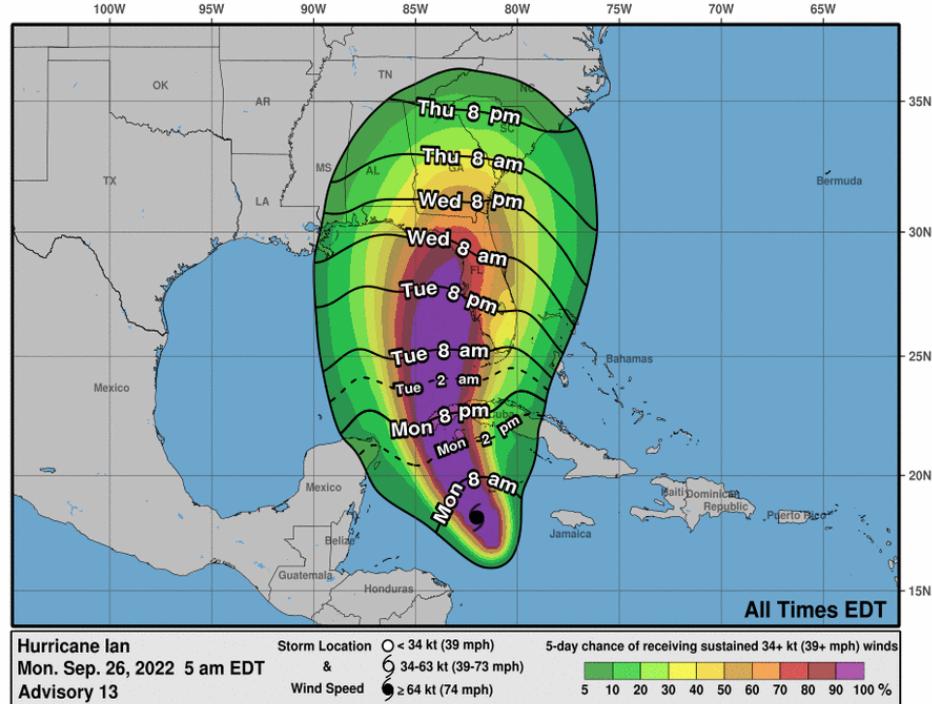
(September 26, 2022 – 5AM)



## Most Likely Arrival Time of Tropical-Storm-Force Winds



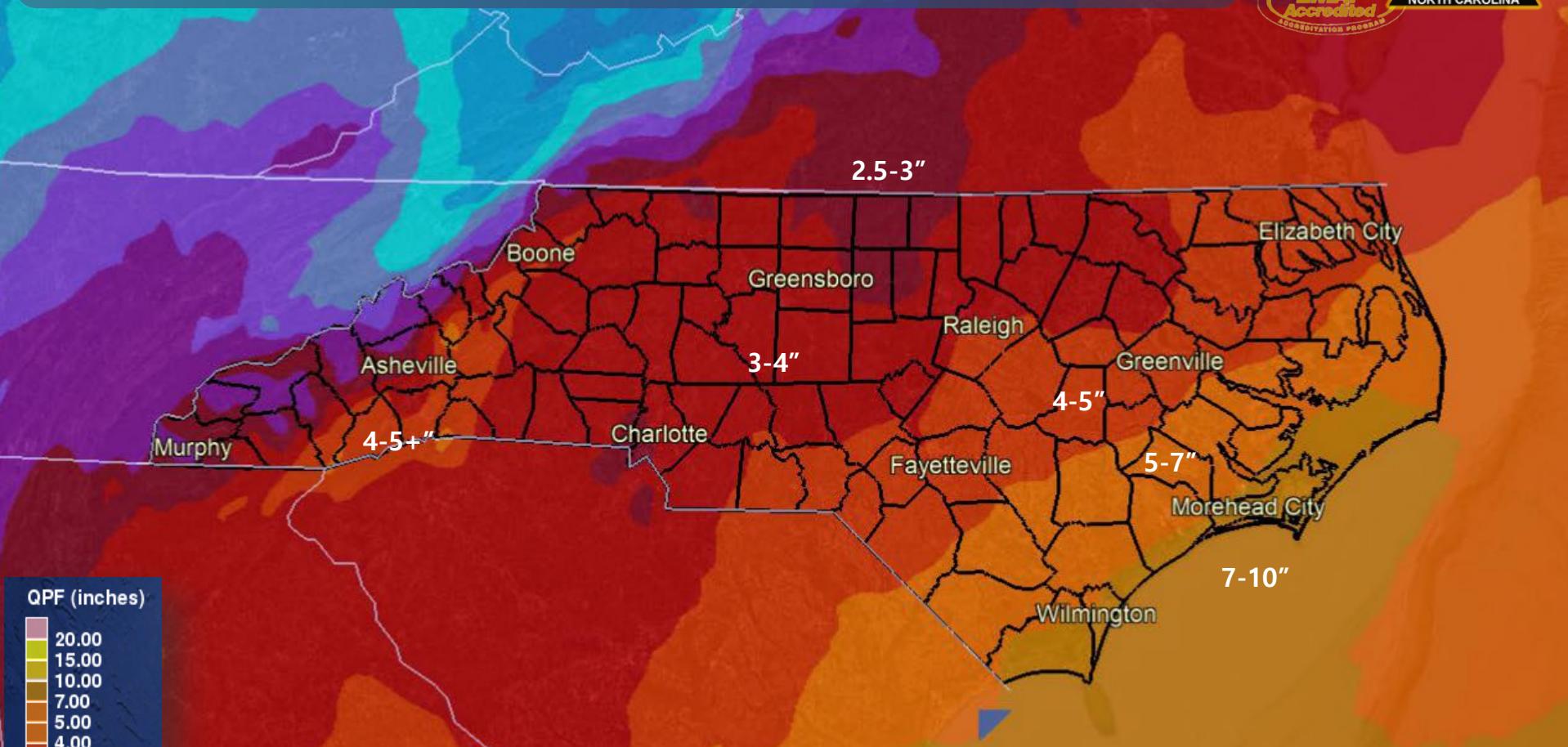
## Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



While Ian's winds will likely weaken significantly to our south, there currently is a low risk of sustained tropical-storm-force winds across portions of NC. If NC were to see tropical storm force winds, they would most likely arrive during the day Friday from south to north. However, tropical storm force winds could arrive as early as Thursday night.

# 7-DAY RAINFALL FORECAST

Valid 8AM Monday, September 26, 2022 – 8AM Monday, October 3, 2022

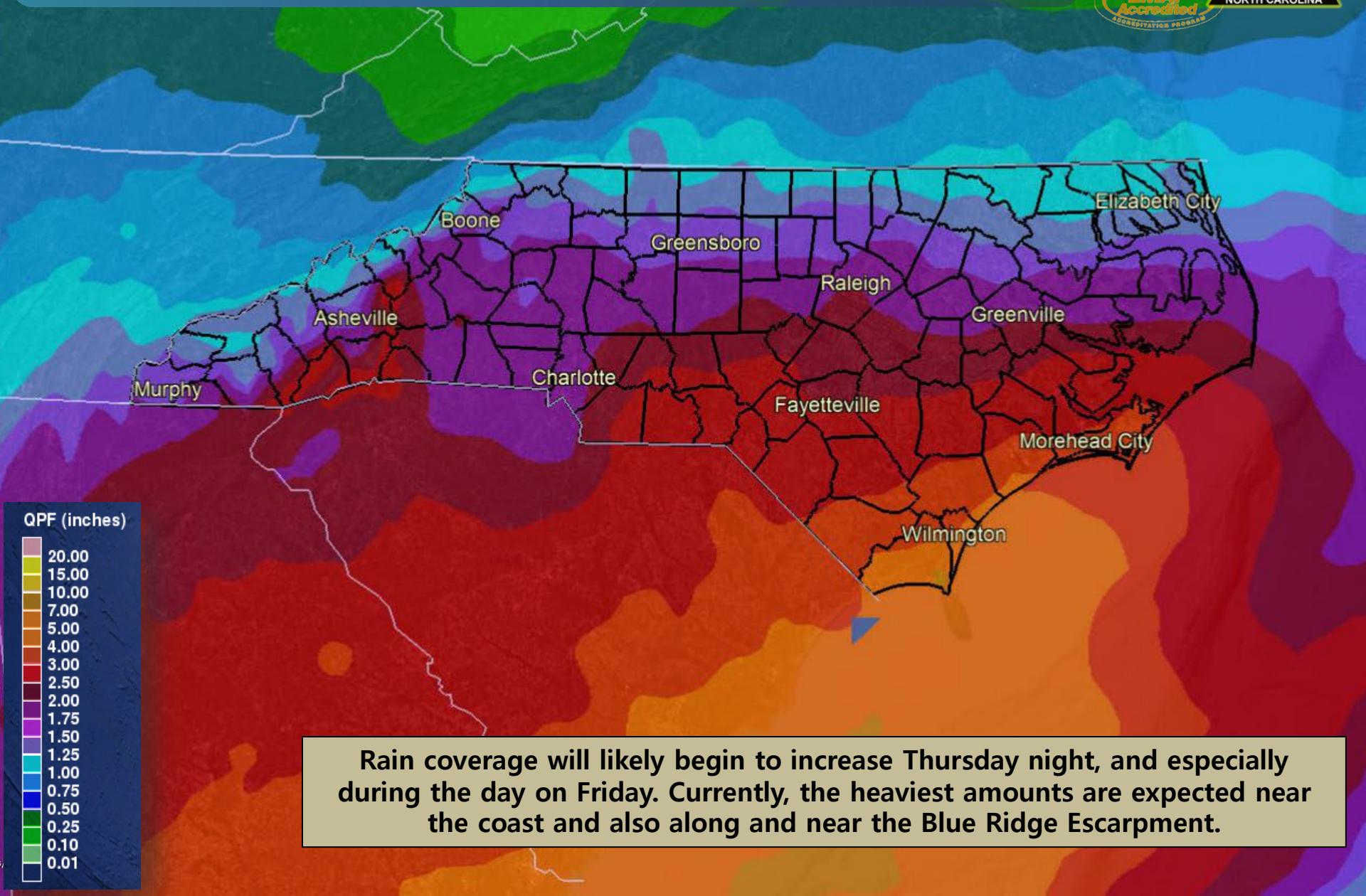


Most areas will remain dry through Thursday afternoon, but isolated showers and storms will be possible near the coast over the next few days.

An extended period of heavy rain is likely Thursday night and into the weekend due to tropical moisture from Ian and an offshore front. These rainfall amounts could lead to areas of flash flooding and the potential for some river flooding. The timing and location of the heaviest rain will continue to be refined over the coming days.

# THURSDAY-FRIDAY RAINFALL FORECAST

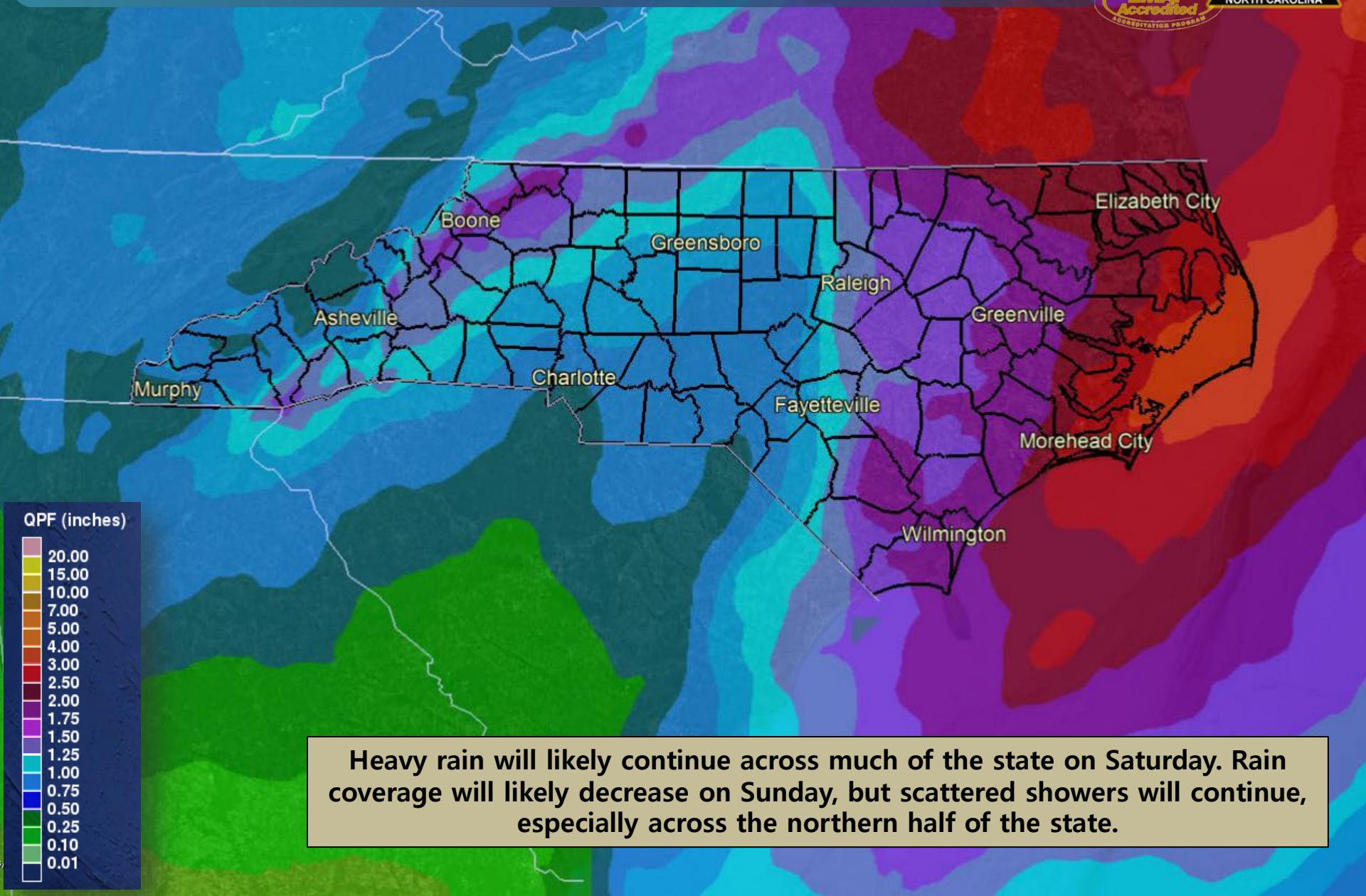
Valid 8AM Thursday, September 29, 2022 – 8AM Saturday, October 1, 2022



Rain coverage will likely begin to increase Thursday night, and especially during the day on Friday. Currently, the heaviest amounts are expected near the coast and also along and near the Blue Ridge Escarpment.

# SATURDAY-SUNDAY RAINFALL FORECAST

Valid 8AM Saturday, October 1, 2022 – 8AM Monday, October 3, 2022

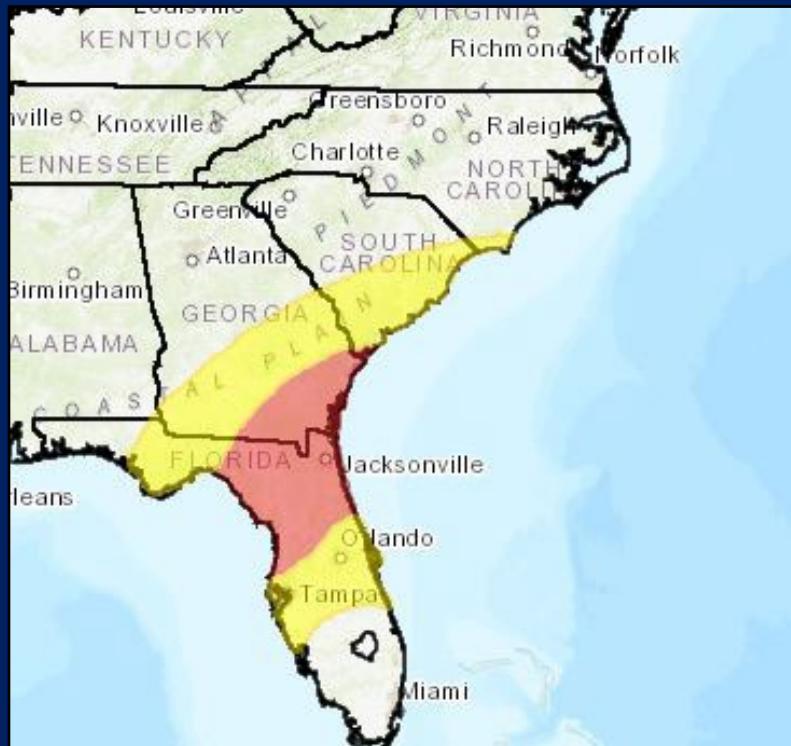


# FLASH FLOODING POTENTIAL

WEATHER PREDICTION CENTER (VALID 8AM 9/29/22 - 8AM 10/1/22)



## \*WPC's Experimental Day 4-5 Outlook\*



8AM Thursday – 8AM Friday



8AM Friday – 8AM Saturday

**Risk of rainfall exceeding flash flood guidance  
within 25 miles of a point**

MDT: At Least 40%

SLGT: At Least 15%