

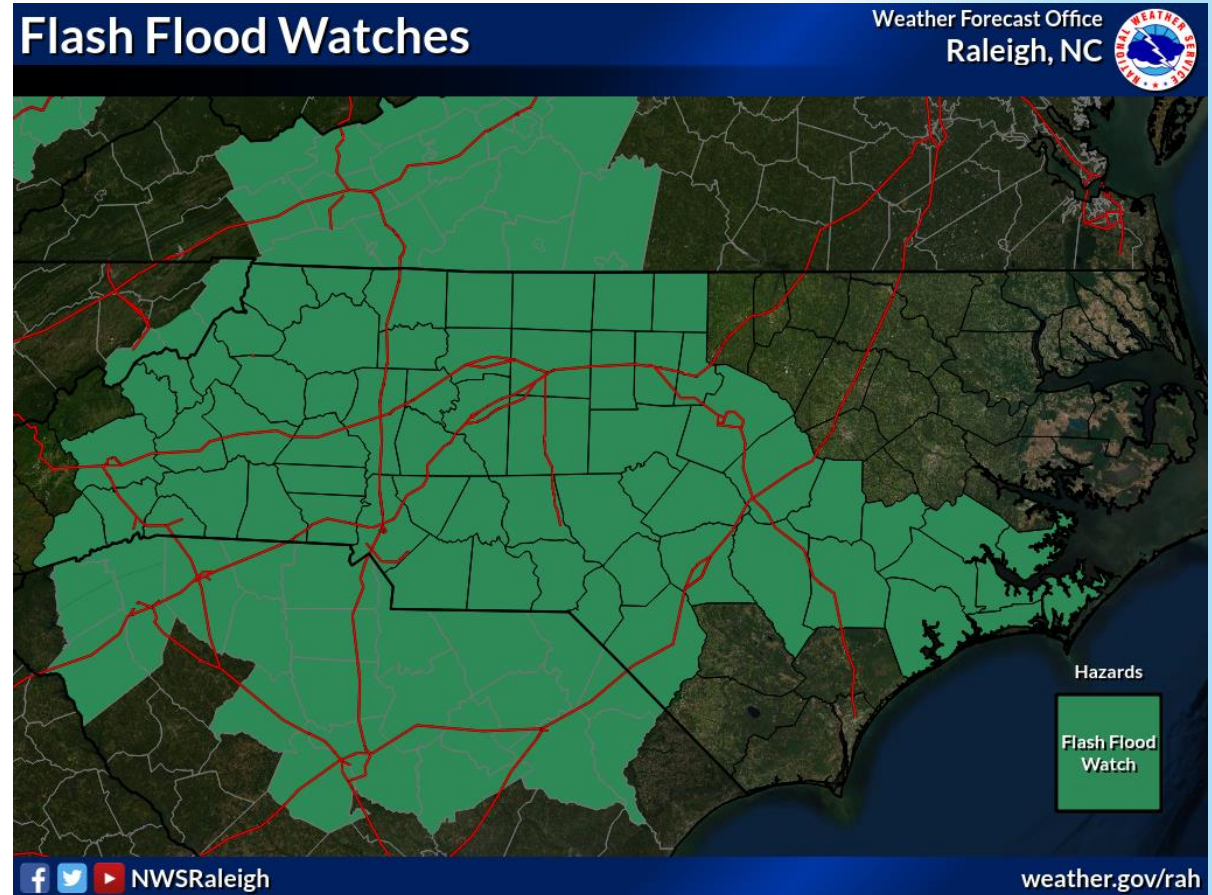
# Flooding Threat Continues Through the Evening...

## Decision Support Briefing # 3 As of: 5/21/2020 5:45 AM





### What Has Changed?

- ✓ *Haw River at Haw River now forecast to reach Moderate Flood Stage*





## Main Points

| Hazard   | Impacts   | Location                           | Timing   |
|--|---|------------------------------------|--|
| River<br>Flooding   | Minor flooding is possible on some mainstem rivers and area creeks and streams.                 | Western Piedmont of North Carolina | Late this evening and lingering into the weekend |
| Flash<br>Flooding  | Periods of heavy rain are expected. Flash flooding will be possible, especially in urban areas. | Most of central North Carolina     | Late this afternoon through Thursday evening     |



## Summary of Greatest Impacts

### River Flooding: Yadkin, Haw and Cape Fear River Basins



None

Limited

Elevated

Significant

Extreme



### Flash Flooding: Most of Central NC



None

Limited

Elevated

Significant

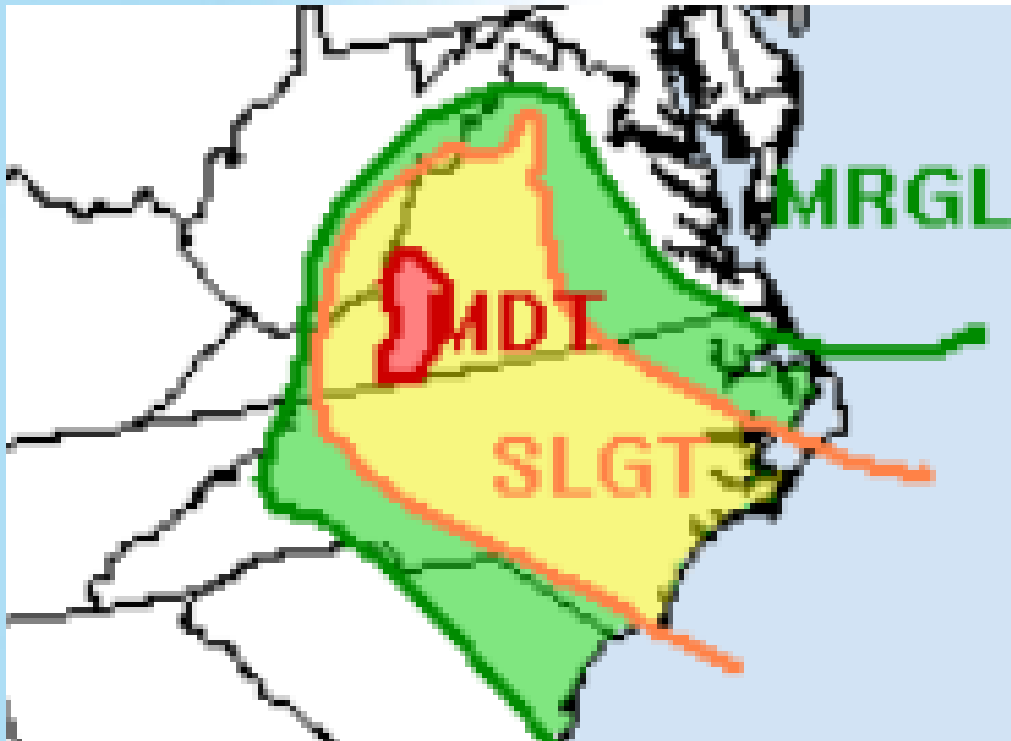
Extreme











## Excessive Rainfall Outlook

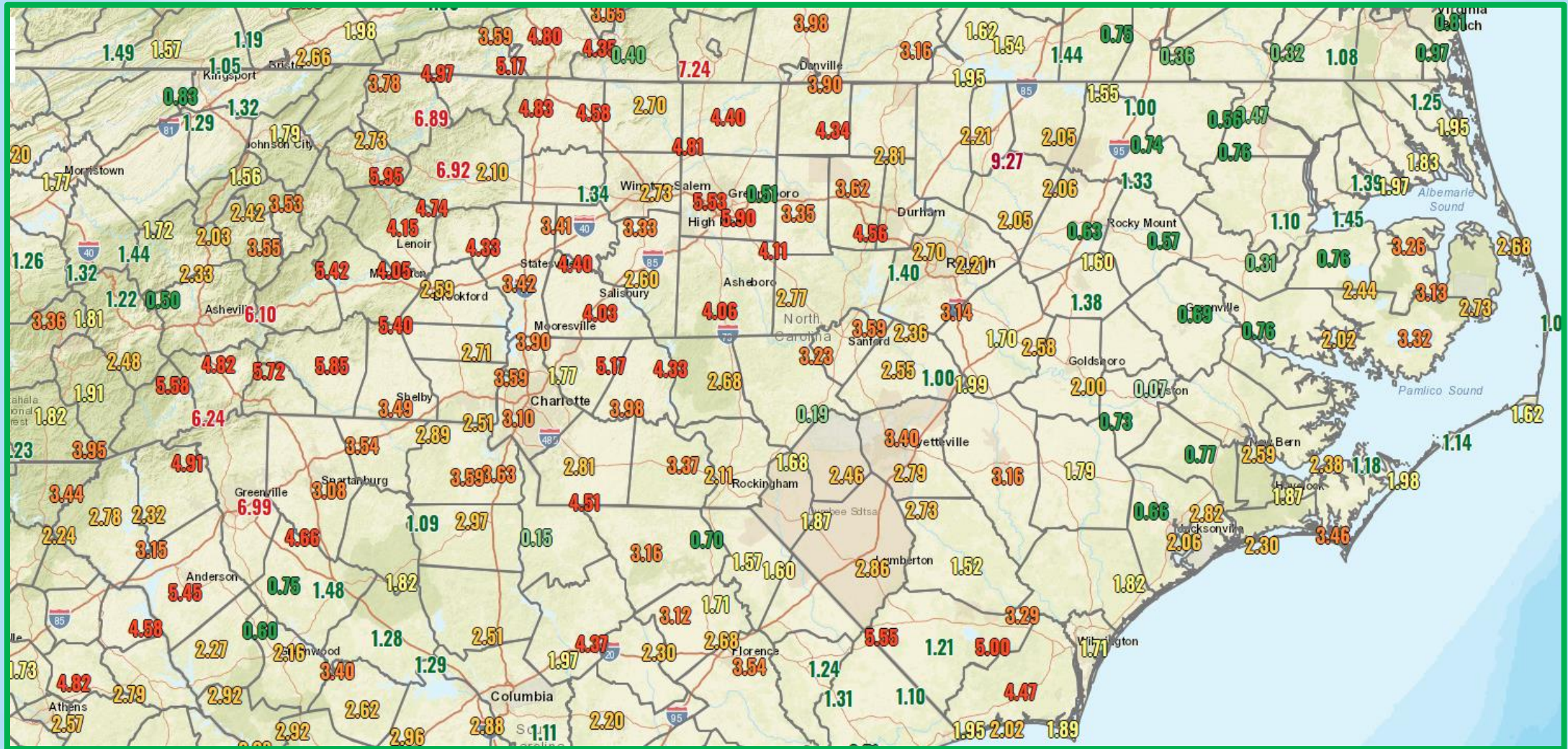
Today



| Understanding WPC Excessive Rainfall Risk Categories   |  |   |   |  |
|--|--|---|---|--|
| No Area/Label  | MARGINAL (MRGL)  | SLIGHT (SLGT)   | MODERATE (MDT)  | HIGH (HIGH)  |
| Flash floods are generally not expected.   | Isolated flash floods possible   | Scattered flash floods possible   | Numerous flash floods likely  | Widespread flash floods expected   |
| <a href="http://www.wpc.ncep.noaa.gov">www.wpc.ncep.noaa.gov</a><br>@NWSWPC  | Localized and primarily affecting places that can experience rapid runoff with heavy rainfall. | Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible. | Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers. | Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger. |
| Flash flooding near me?  | Flash Flooding   | Flash Flooding  | Flash Flooding  | Flash Flooding   |
| NO Flash Flooding  | Flash Flooding   | Flash Flooding  | Flash Flooding  | Flash Flooding   |
|  <br>WEATHER PREDICTION CENTER |            |   |   |    |

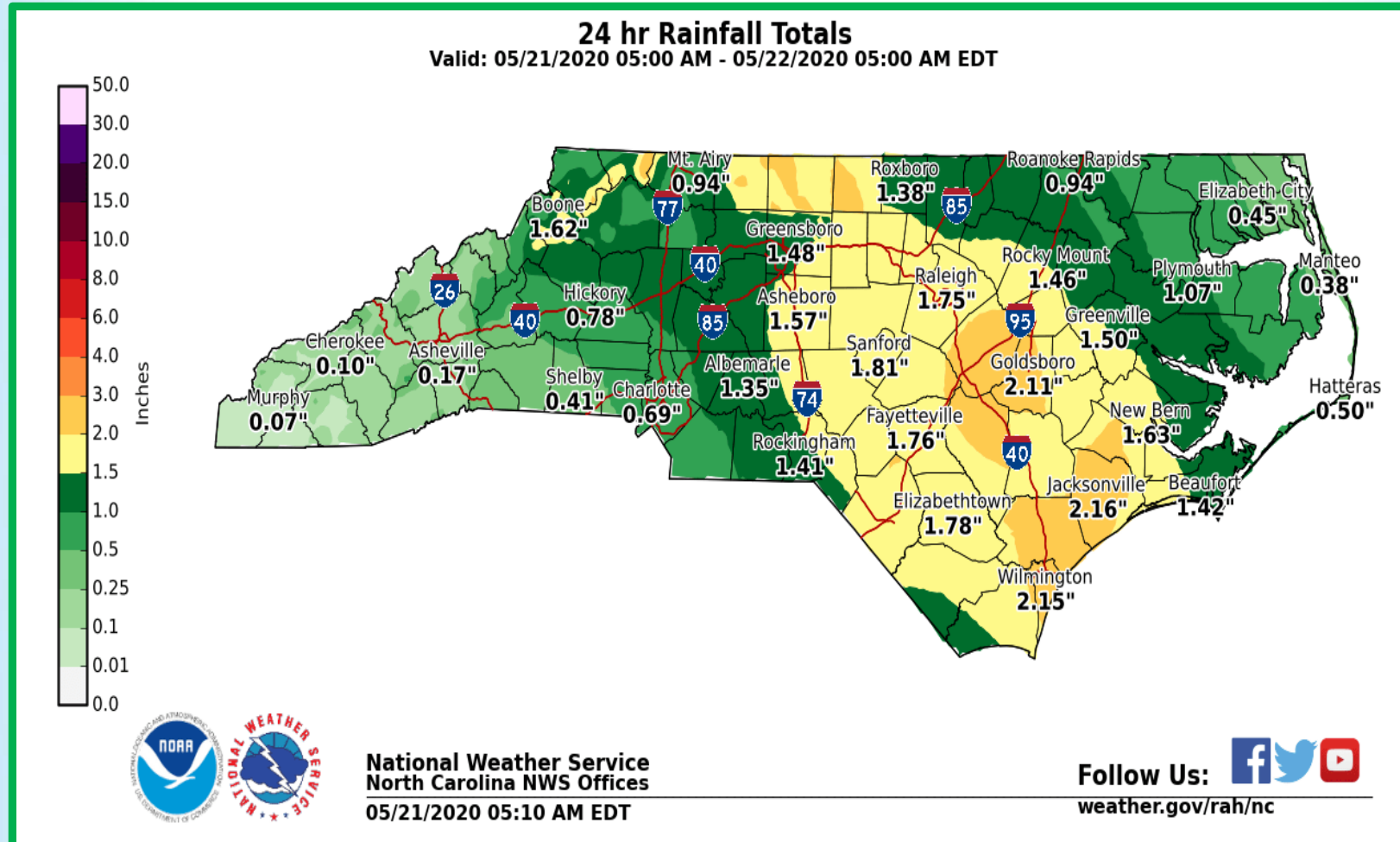
Flash flooding remains a threat, especially during the afternoon and evening as strong thunderstorms moving through the area will likely produce high rain rates of 1 inch per hour.







# Additional Rainfall Amounts Expected



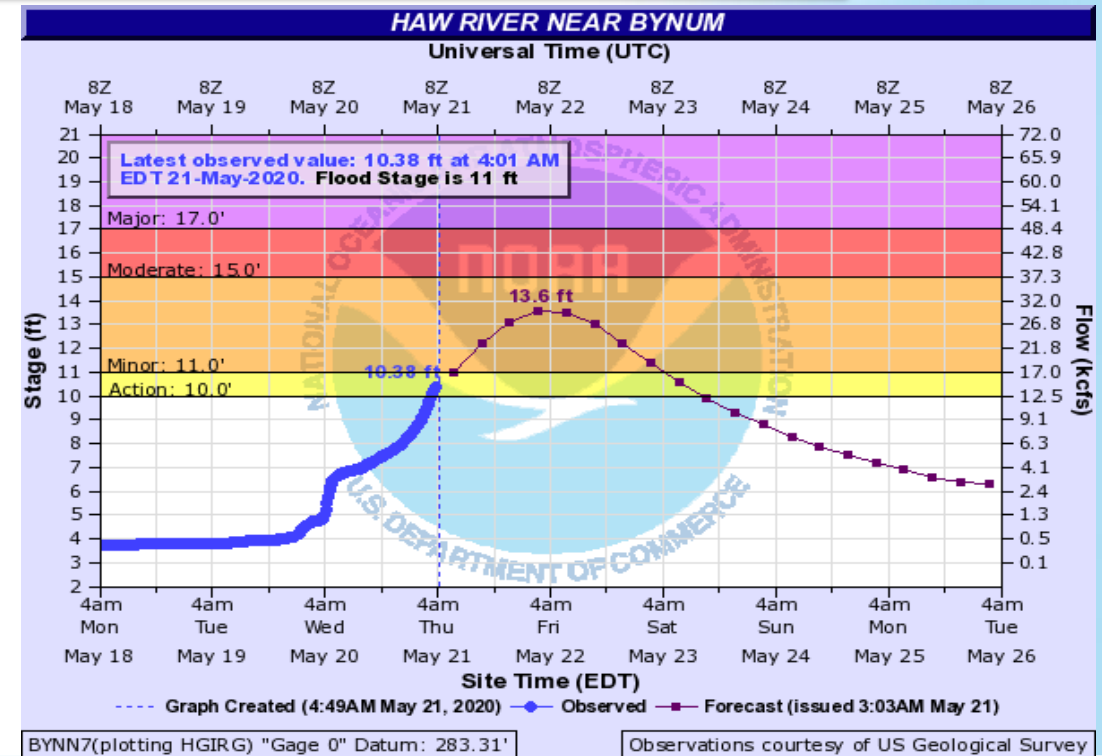
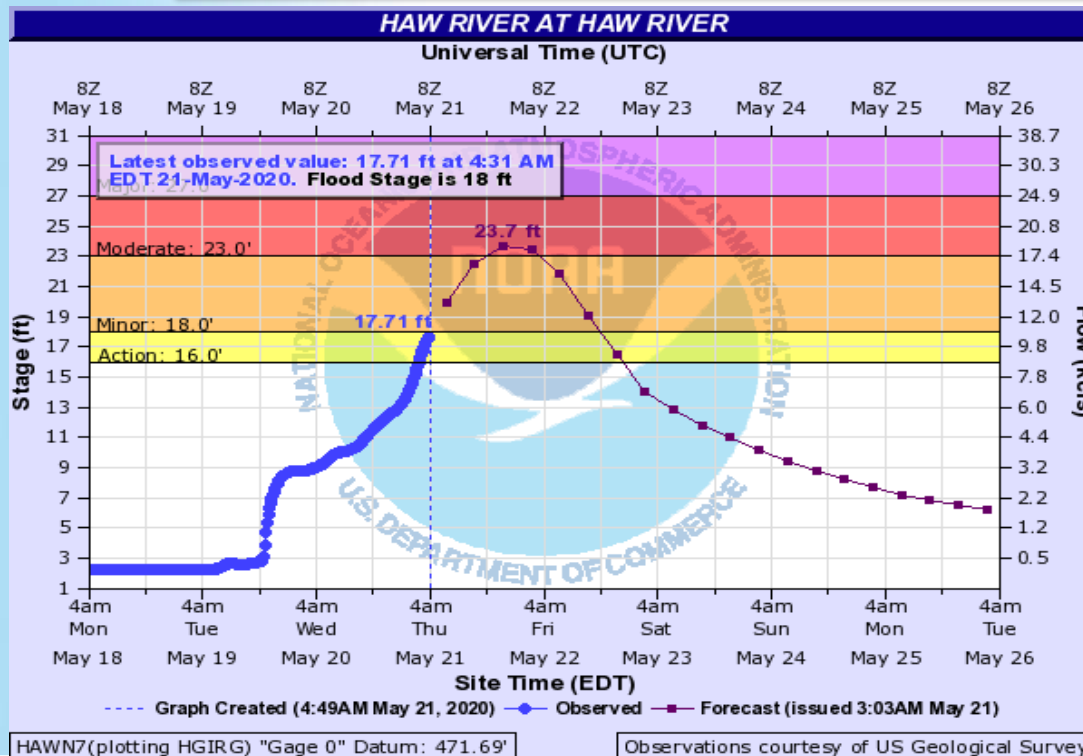
In addition to the 2 to 5 inches of rain that has already fallen over the past 48 to 72 hours, an additional 1 to 2 inches is possible through this evening.

# Haw River Hydrographs

Here are the latest hydrographs for the Haw River.

The blue line is observed stage data and the purple line is the forecast from the River Forecast Center. This data can be found on the AHPS site here:

<https://water.weather.gov/ahps2/index.php?wfo=RAH>

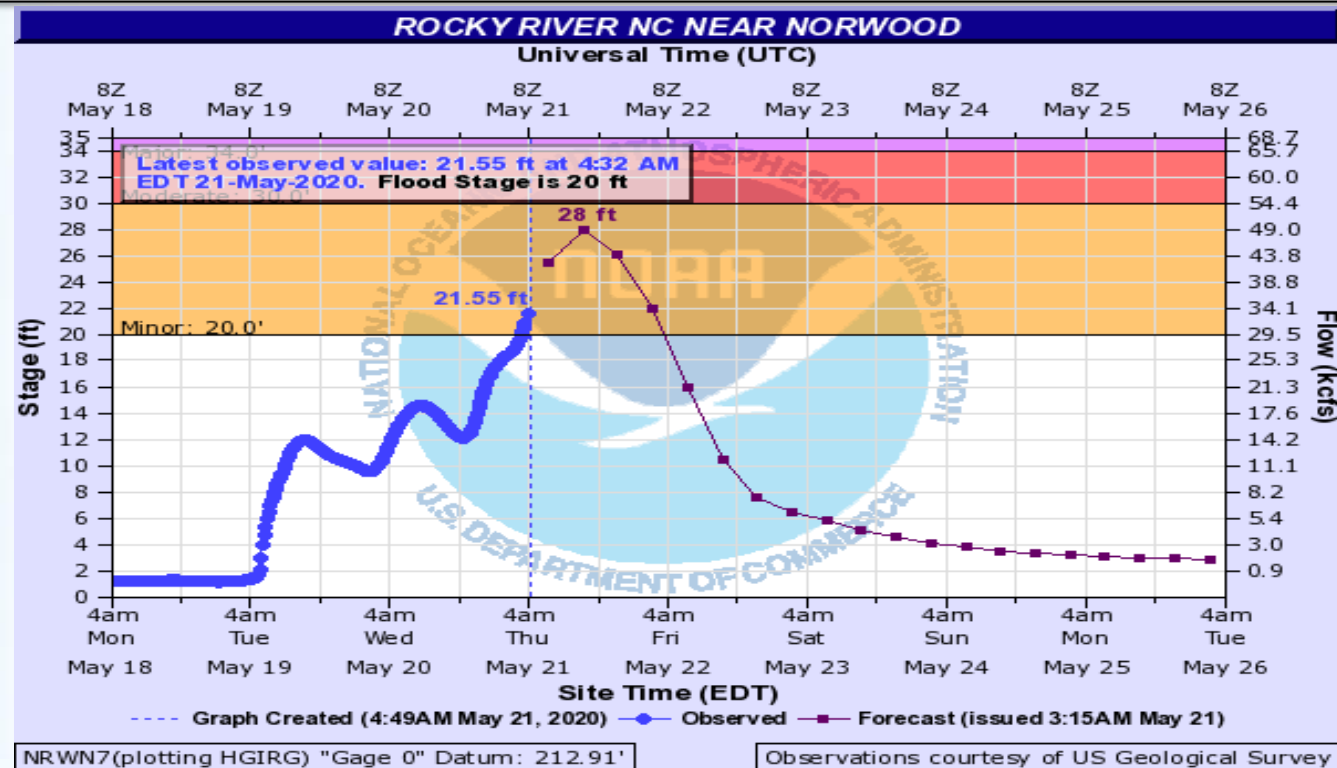


## Rocky River Hydrograph

Here is the latest hydrograph for the Rocky River at Norwood.

The blue line is observed stage data and the purple line is the forecast from the River Forecast Center. This data can be found on the AHPS site here:

<https://water.weather.gov/ahps2/index.php?wfo=RAH>



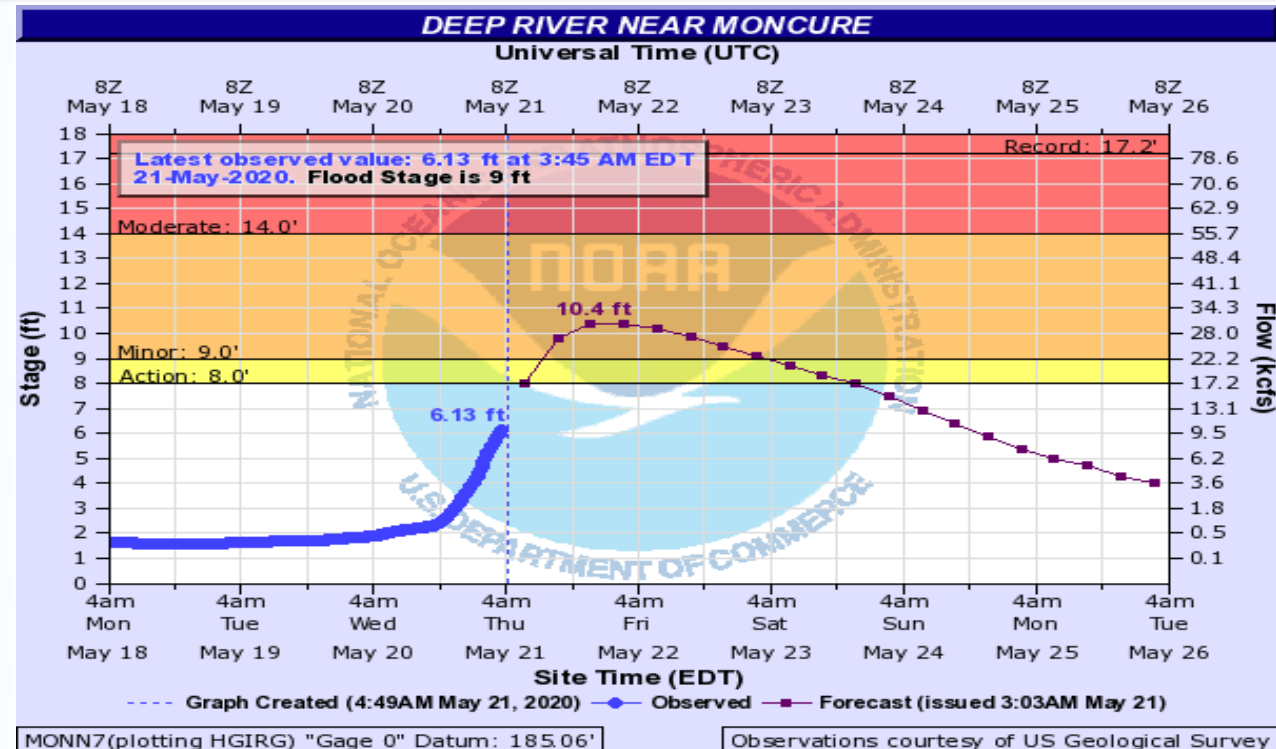


## Deep River Hydrograph

Here is the latest hydrograph for the Deep River at Moncure.

The blue line is observed stage data and the purple line is the forecast from the River Forecast Center. This data can be found on the AHPS site here:

<https://water.weather.gov/ahps2/index.php?wfo=RAH>

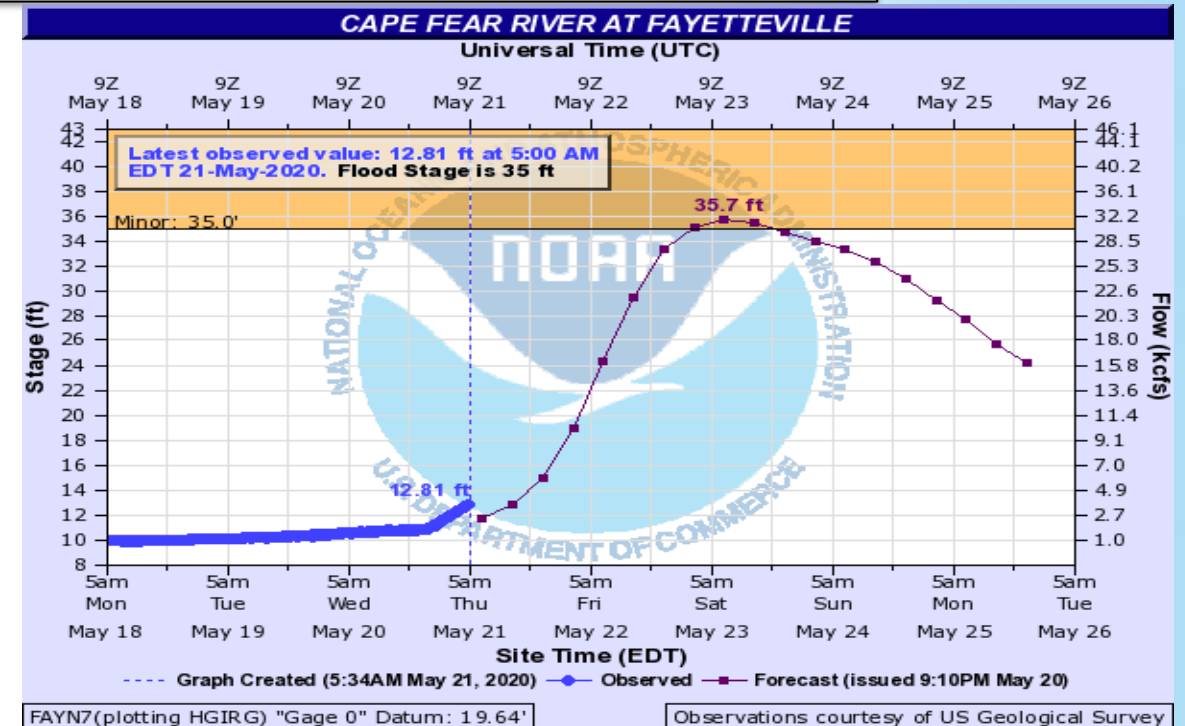
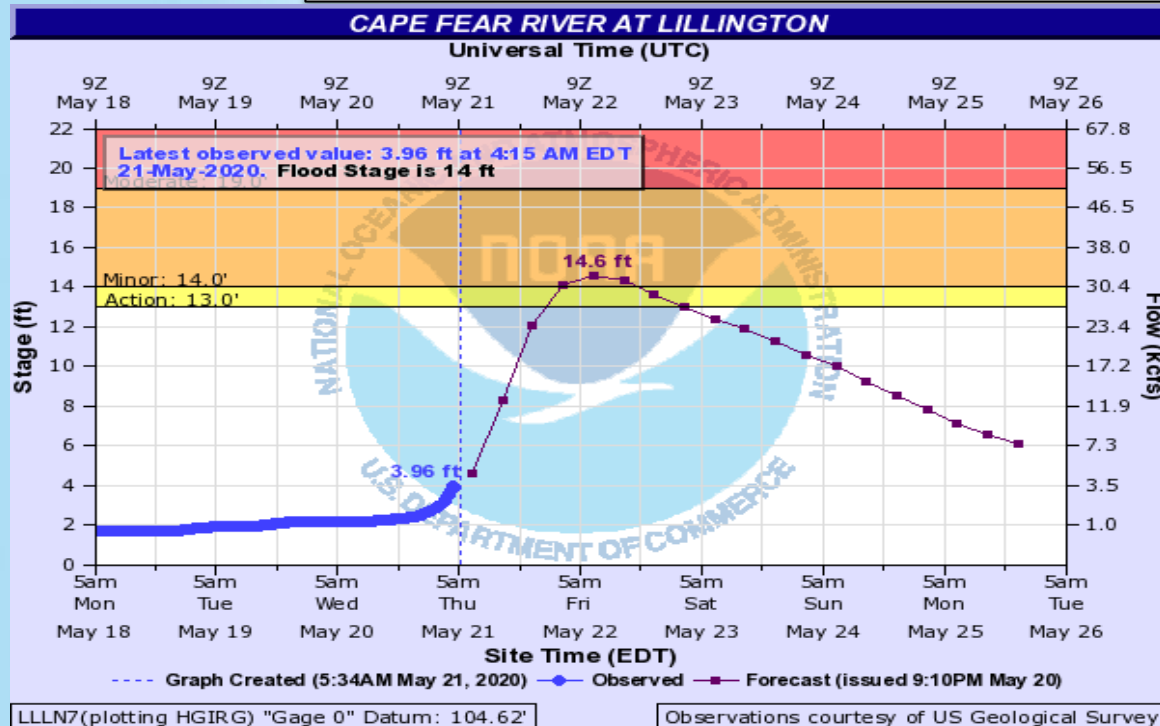


## Cape Fear River Hydrographs

Here are the latest hydrographs for the Cape Fear River.

The blue line is observed stage data and the purple line is the forecast from the River Forecast Center. This data can be found on the AHPS site here:

<https://water.weather.gov/ahps2/index.php?wfo=RAH>



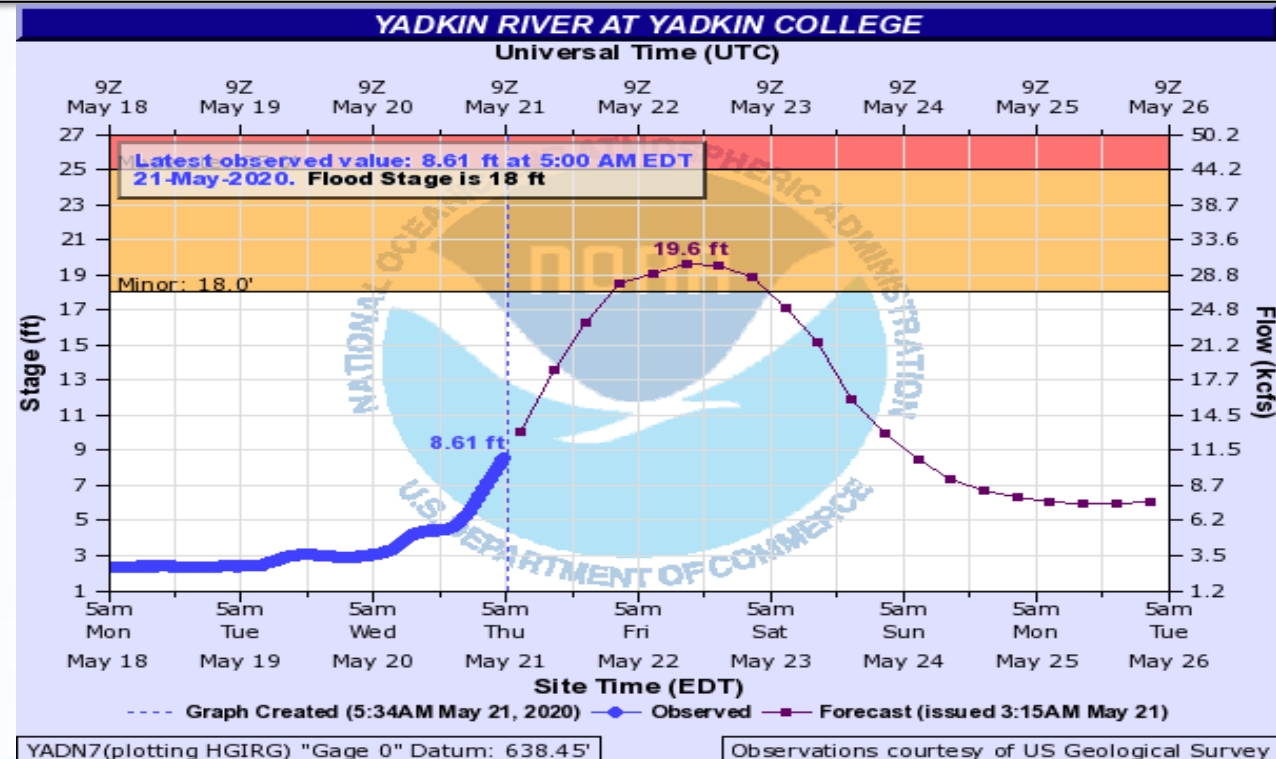


## Yadkin River Hydrograph

Here is the latest hydrograph for the Yadkin River at Yadkin College.

The blue line is observed stage data and the purple line is the forecast from the River Forecast Center. This data can be found on the AHPS site here:

<https://water.weather.gov/ahps2/index.php?wfo=RAH>



## Event Summary

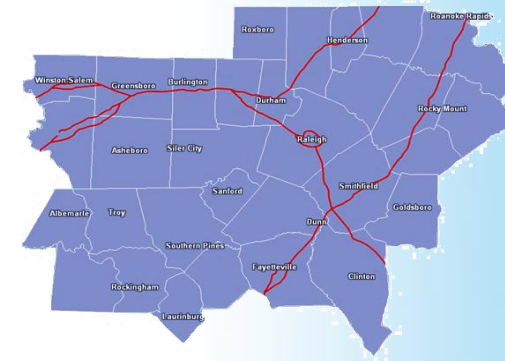
- ✓ Over the past 48-72 hours, 2 to 5 inches of rain has fallen across central NC.
- ✓ An additional 1 to 2 inches of rain, with locally higher amounts is possible through the evening and early overnight hours, which will result in a continued threat of Flash Flooding. Of most concerning will be this afternoon and evening when expected thunderstorm development will have the potential to produce high rainfall rates of 1 inch per hour as they move across already saturated soils.
- ✓ Resultant runoff could lead to minor flooding of area rivers and creeks into the weekend, especially along the Haw, Deep River, Yadkin and Cape Fear river basins.
- ✓ There is also a chance for a few strong to severe storms across southern portions of Central NC this afternoon. Damaging thunderstorm wind gusts will be the primary threat.



# Contact and Next Briefing Information



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**When: As Needed**  
**Method: E-mail**



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<http://www.weather.gov/media/rah/briefing/NWSRaleighLatestBriefing.pdf>



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