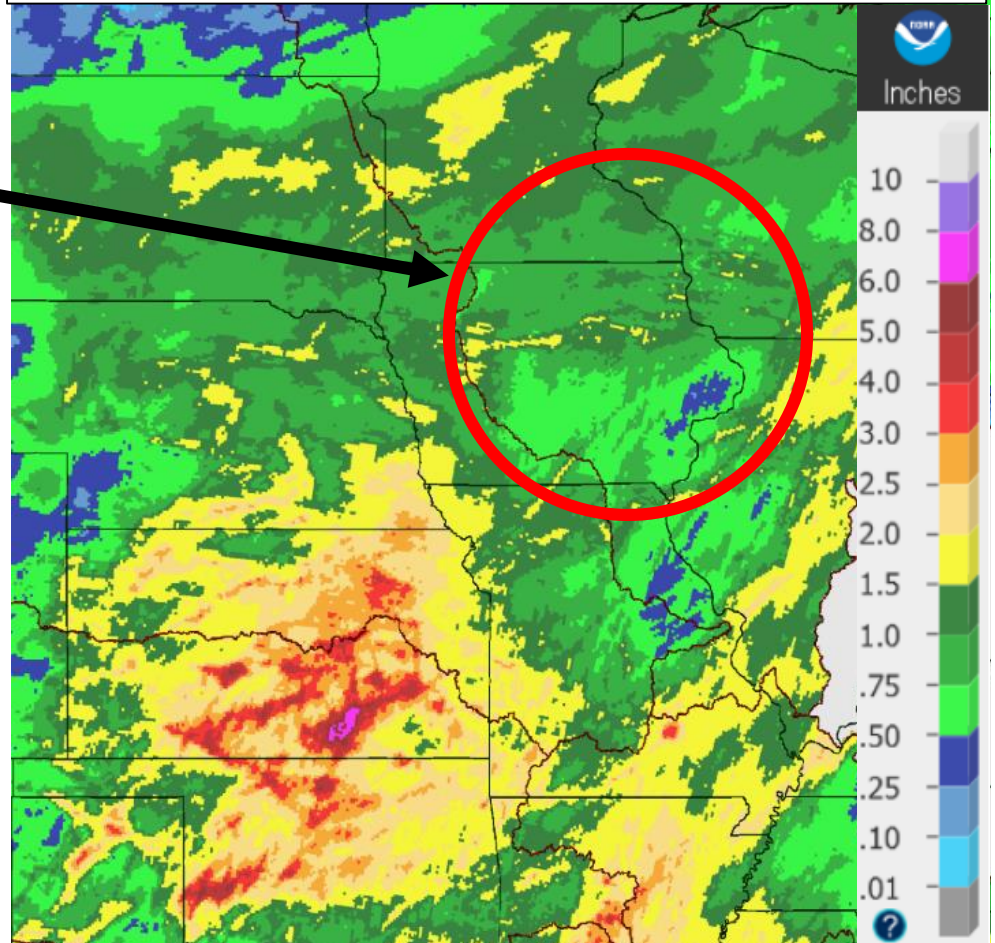




Improving Mississippi River Conditions

7-Day Precipitation (7am May 2 – 7am May 9)



Area of concern for new rises on the Mississippi River and widespread tributary flooding was largely missed by heavy rains over the past 7 days.

The location of this rainfall resulted in little or no re-rise on the Mississippi River and lesser rises on tributary rivers.

Message of the Day:

- **Mississippi River will continue to recede over the next week!**
- Lower Rock River will see minor rises through the weekend (minor to moderate flooding).
- Within bank rises on other tributary rivers ongoing.
- Drier and cooler weather is forecast into next week.

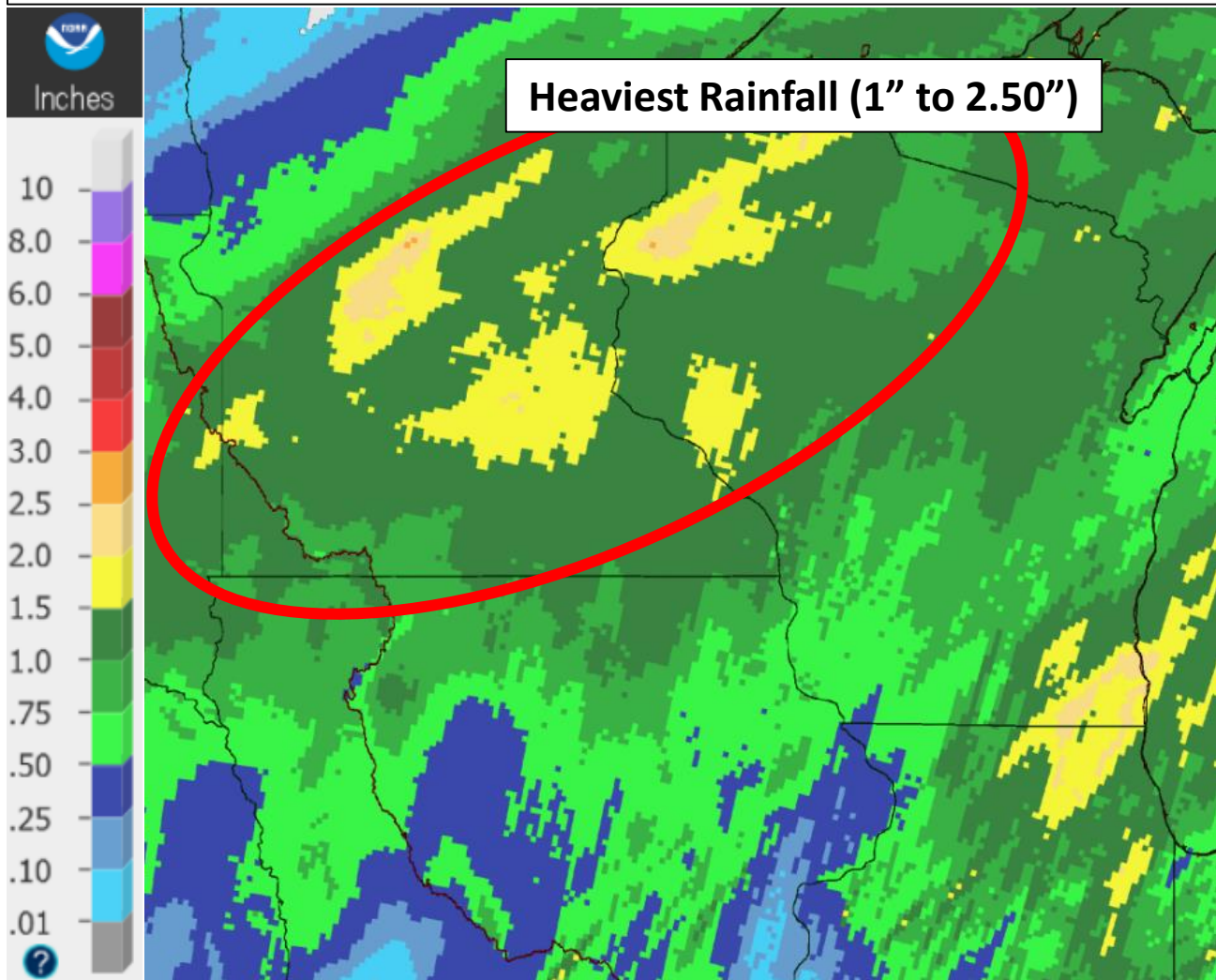
Important Forecast Changes:

NEW

Lower rainfall was observed in the local area on Wednesday than was expected, therefore river forecasts have been updated this morning with lower rises on the tributaries and falling levels on the Mississippi River.

24-Hour Observed Precipitation

7 am Wednesday (5/8) to 7 am Thursday (5/9)

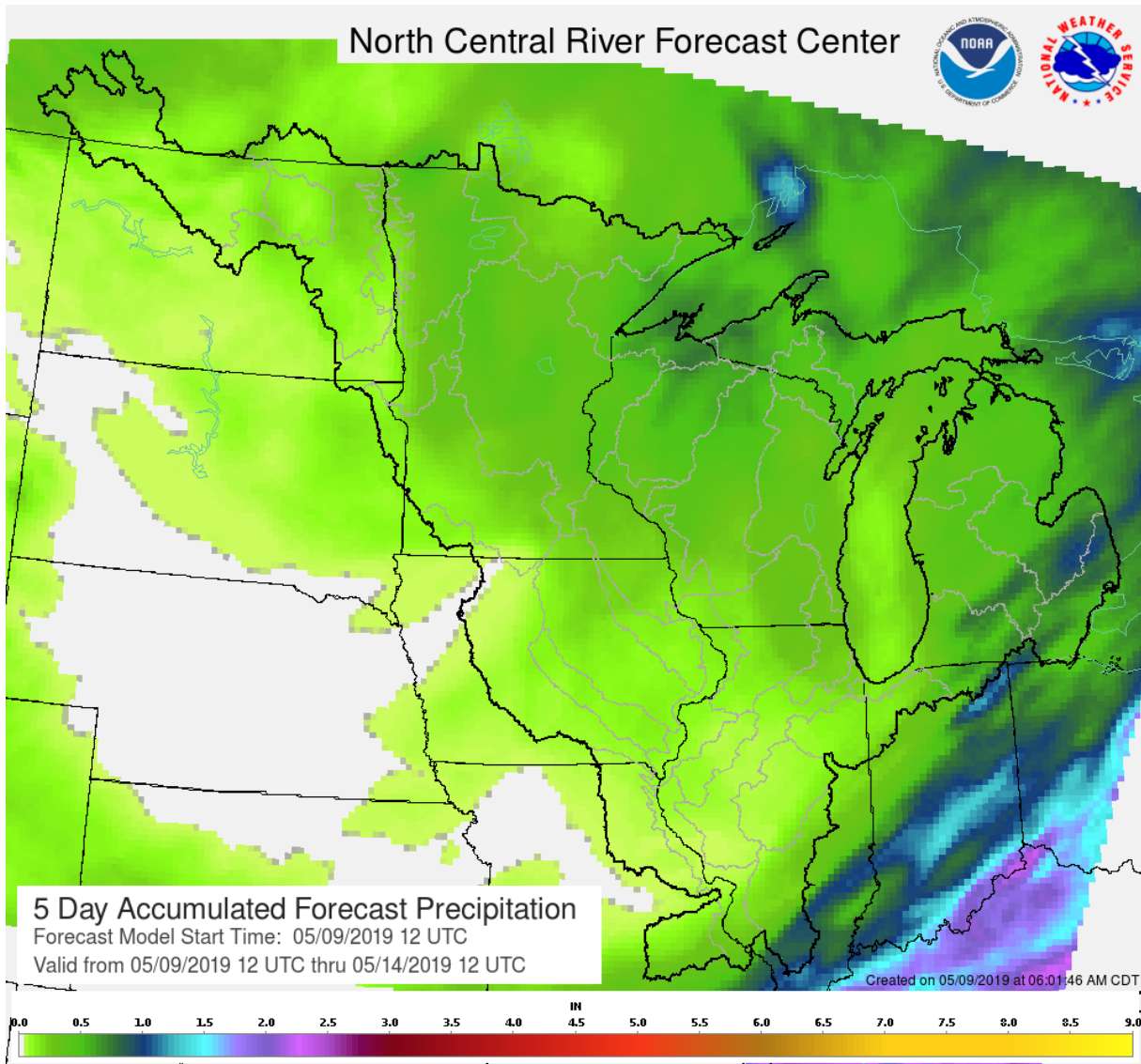


- Precipitation amounts of 1.00" to 2.50" inches fell across the Upper Mississippi River watershed Wednesday into Thursday.
- Soils in this area are wet so much of this rain will run-off into the river systems.
- The bulk of this runoff will move into the Mississippi River locally next week, but after levels have fallen another foot or two.
- This runoff will likely cause a minor rise or a slowed recession.



5-Day Precipitation Forecast

Forecast Rainfall – 7am Thurs 5/9 to 7am Tues 5/14

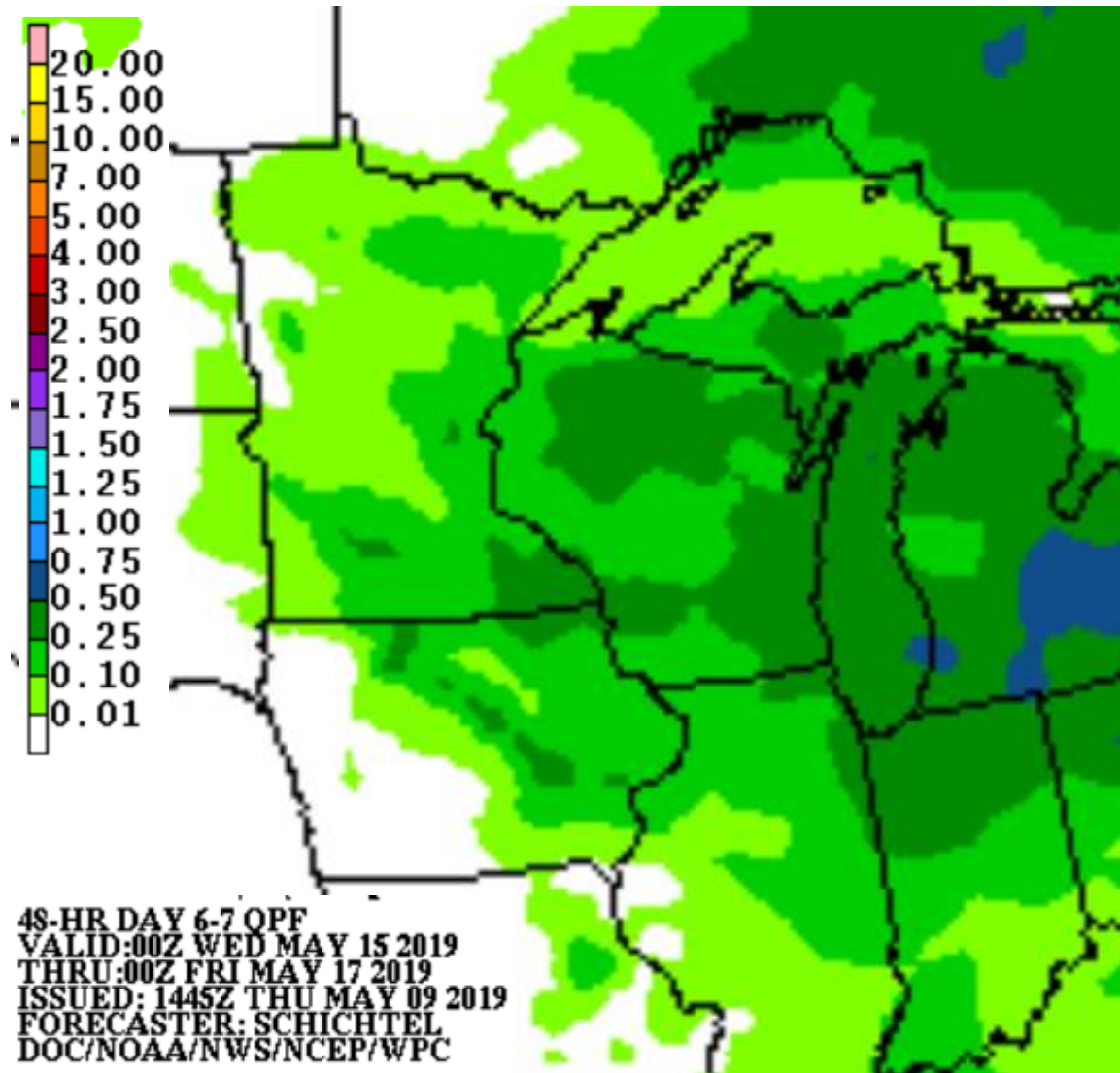


- Quiet and fairly dry weather is expected for the next 5 days.
- Only light rainfall in the forecast for the next 5 days, centered on Sunday
- Little rainfall will allow Mississippi River levels to recede and tributary rivers to crest and recede next week.



Days 6 & 7 Precipitation Forecast

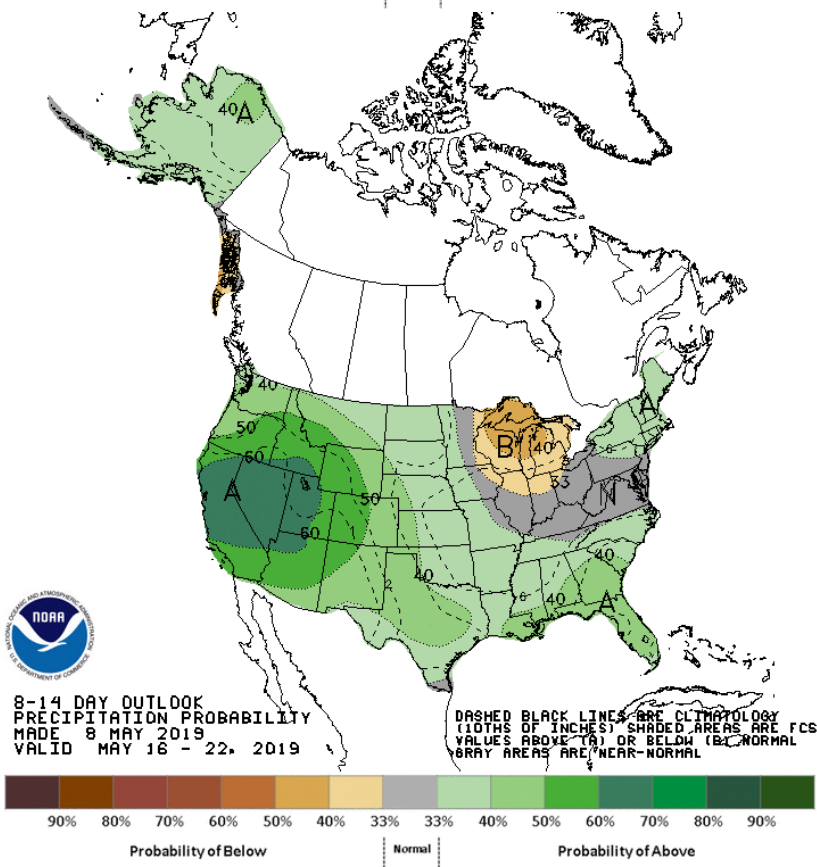
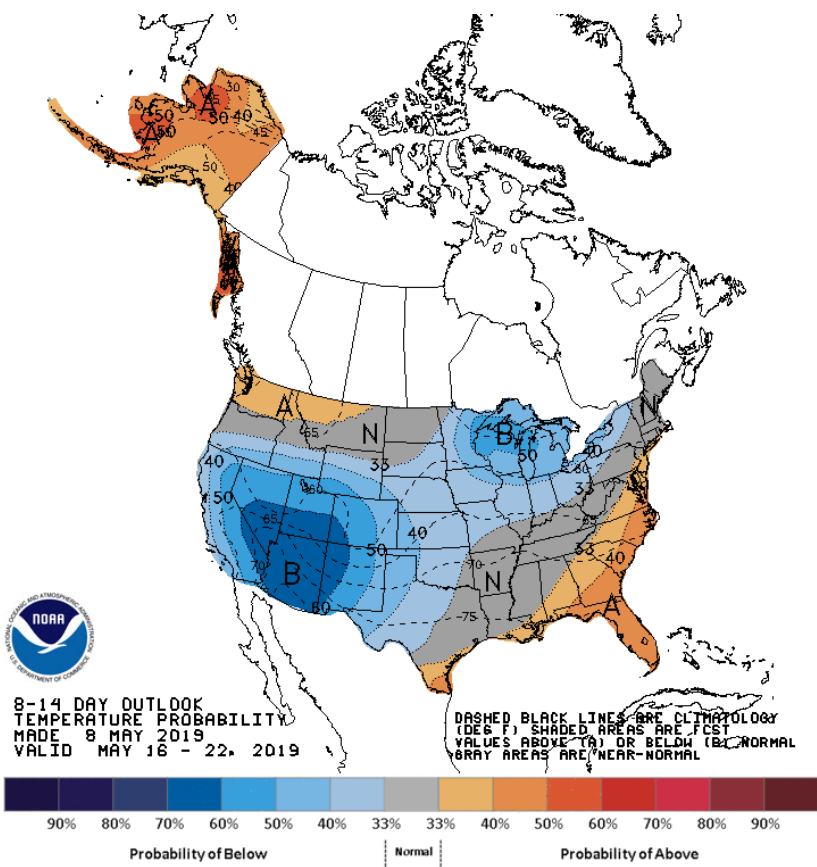
Forecast Rainfall – 7pm Tues 5/14 to 7pm Thurs 5/16



- The next system to bring rainfall looks to be next Wednesday (5/15).
- Considerable uncertainty still with this system, but at this time widespread heavy rains are not expected.
- This rain will coincide with the next round of water moving through the Mississippi River from MN/WI, so continue to pay attention to forecasts for this time-frame.



8-14 Day Temperature & Precipitation Outlook



May 16th – May 22nd

Cooler and drier pattern is expected.

Signals for heavier rain are highest across the western part of the country.

Local area is on the fringe of the area most favored for below normal precipitation (Great Lakes into Wisconsin) and the area most favored for above normal precipitation (western US) .



Message of the Day:

- **Mississippi River will continue to recede over the next week!**
- **Lower Rock River - rises through the weekend (Minor to Moderate Flooding).**
- **Within bank rises on other tributary rivers ongoing.**
- **Drier and cooler weather is forecast into next week.**
- **Rain that fell across MN/WI on Wed. will move through the Mississippi River system over the next week. Currently, a slight rise or a slower recession is expected when this water moves through the local area.**
- **Outlook for week 2 is cooler and drier.**
- **Daily Situation Reports will be discontinued unless further risk is expected.**



NWS Quad Cities WFO Forecast Discussions

(technical weather and hydrology discussion)

forecast.weather.gov/product.php?site=DVN&issuedby=DVN&product=AFD

NWS Quad Cities WFO River Information Page

www.weather.gov/dvn/river_levels

Advanced Hydrologic Prediction Service (AHPS)

<https://water.weather.gov/ahps2/forecasts.php?wfo=DVN>

Find out more information on our rivers page: www.weather.gov/dvn/river_levels

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