




Mississippi River Flooding Continues



Mississippi River Crest Information

NATIONAL WEATHER SERVICE
QUAD CITIES

Compared to Prior Crest

- ABOVE PRIOR CREST
- NEAR TO ABOVE PRIOR CREST
- AROUND PRIOR CREST
- NEAR TO BELOW PRIOR CREST
- BELOW PRIOR CREST

Location	Expected Crest Level	Today's Trend	Prior Crest	Expected Crest Timing
Dubuque LD 11		↗	21.22'	4/27 - 4/28
Dubuque RR Bridge		↗	22.65'	4/27 - 4/28
Bellevue		↗	20.36'	4/27 - 4/29
Fulton		↗	20.91'	4/28 - 4/30
Camanche		↗	21.91'	4/28 - 4/30
Le Claire		↗	15.14'	4/29 - 5/1
Rock Island		↗	20.68'	4/29 - 5/1
Illinois City		↗	20.83'	4/30 - 5/2
Muscatine		↗	21.95'	4/30 - 5/2
New Boston		↗	21.04'	4/30 - 5/3
Keithsburg		↗	19.17'	4/30 - 5/3
Gladstone		↗	16.30'	5/1 - 5/3
Burlington		↗	20.41'	5/1 - 5/3
Keokuk		→	19.78'	5/1 - 5/4
Gregory Landing		→	20.92'	5/1 - 5/4

Major Flooding

Moderate Flooding

Message of the Day:

- Current crest forecasts **do not** include any precipitation over the weekend and next week.
- Confidence is high in reaching the current crest forecasts.
- Crests will likely go a little higher due to precipitation over the next week.
- The Mississippi will remain high or in flood through the Memorial Day Weekend.



Important Forecast Changes:


A narrow band of heavy snow is expected Saturday from northern Iowa into southern Wisconsin. Runoff from snowmelt will cause a slightly higher and delayed crest on the Mississippi. More rain, possibly heavy, is expected Sunday night through Thursday.



Mississippi Flood Crest

Final snowmelt combined with runoff from heavy rain is moving down the Mississippi River

- River levels are rising from LD11 down to Burlington. Downstream of Burlington river levels will begin rising Saturday.
- Above normal rainfall in the next 2 weeks *will likely* result in additional rises or a much slower rate of fall. The extent of the changes is uncertain.
- The Mississippi will remain high or in flood through Memorial Day Weekend.



Mississippi River Crest Information

NATIONAL WEATHER SERVICE
QUAD CITIES

Compared to Prior Crest

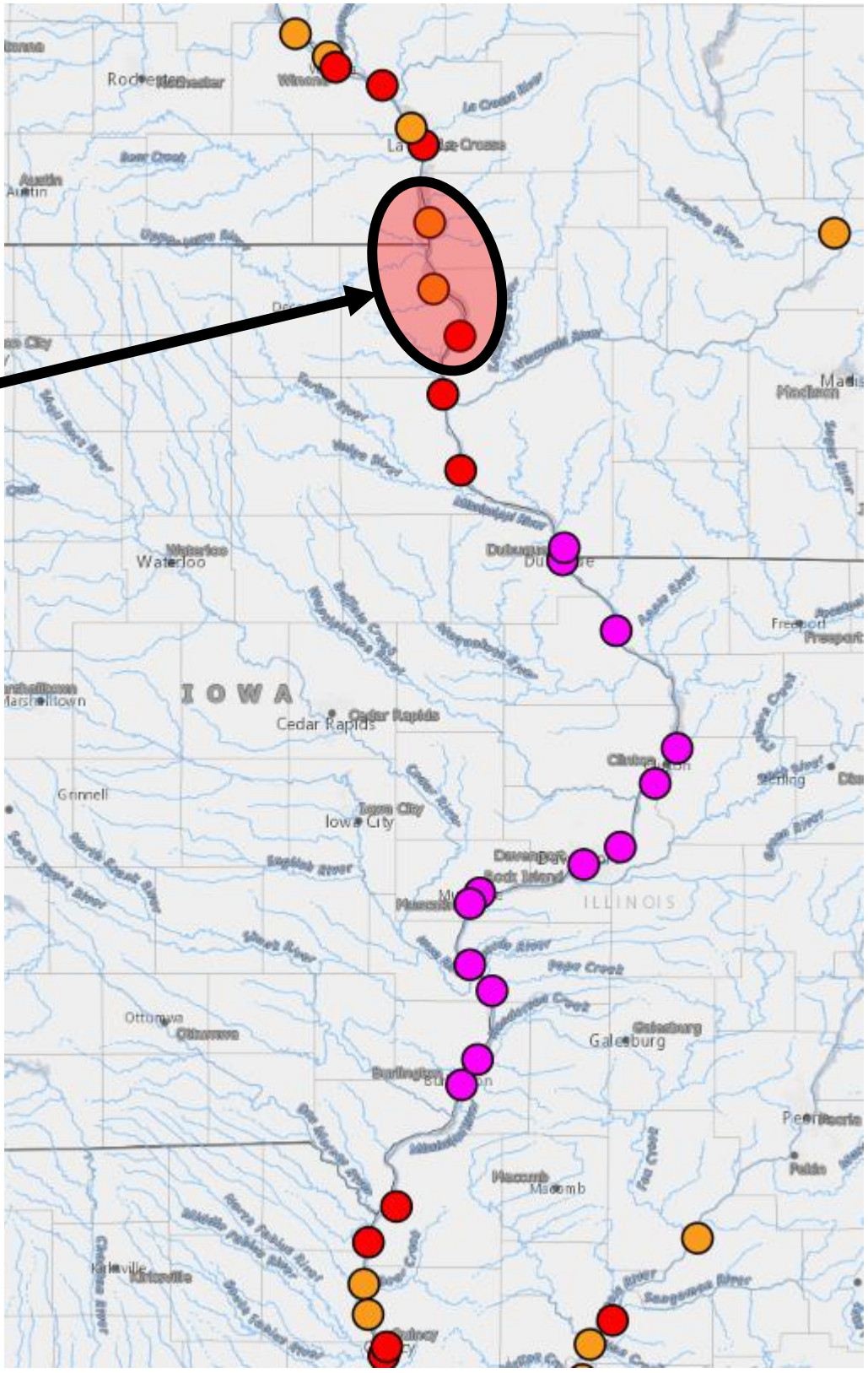
- ABOVE PRIOR CREST
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Location	Expected Crest Level	Today's Trend	Prior Crest	Expected Crest Timing
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Bellevue	Major Flooding	↗	20.36'	4/27 – 4/29
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Crest Location

Crest is moving down the Mississippi River.



River is cresting here as of 4/26/19



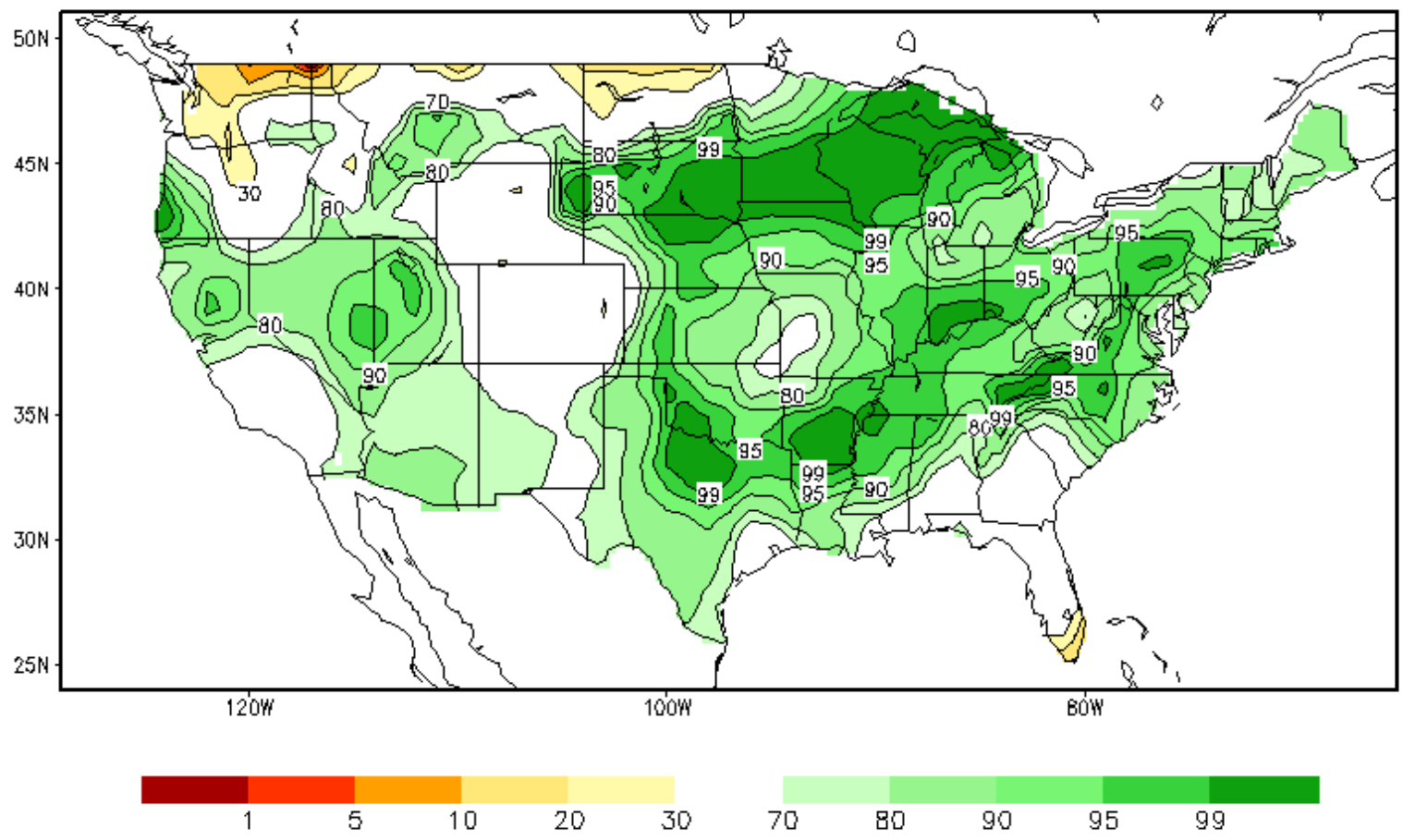
Current Soil Moisture

Soil Moisture: remains very high to saturated across the region despite the spring green-up.

A slow improvement in soil moisture continues across Iowa and northern Illinois

The entire region remains very susceptible to additional rises from heavy rains.

Calculated Soil Moisture Ranking Percentile
APR 25, 2019



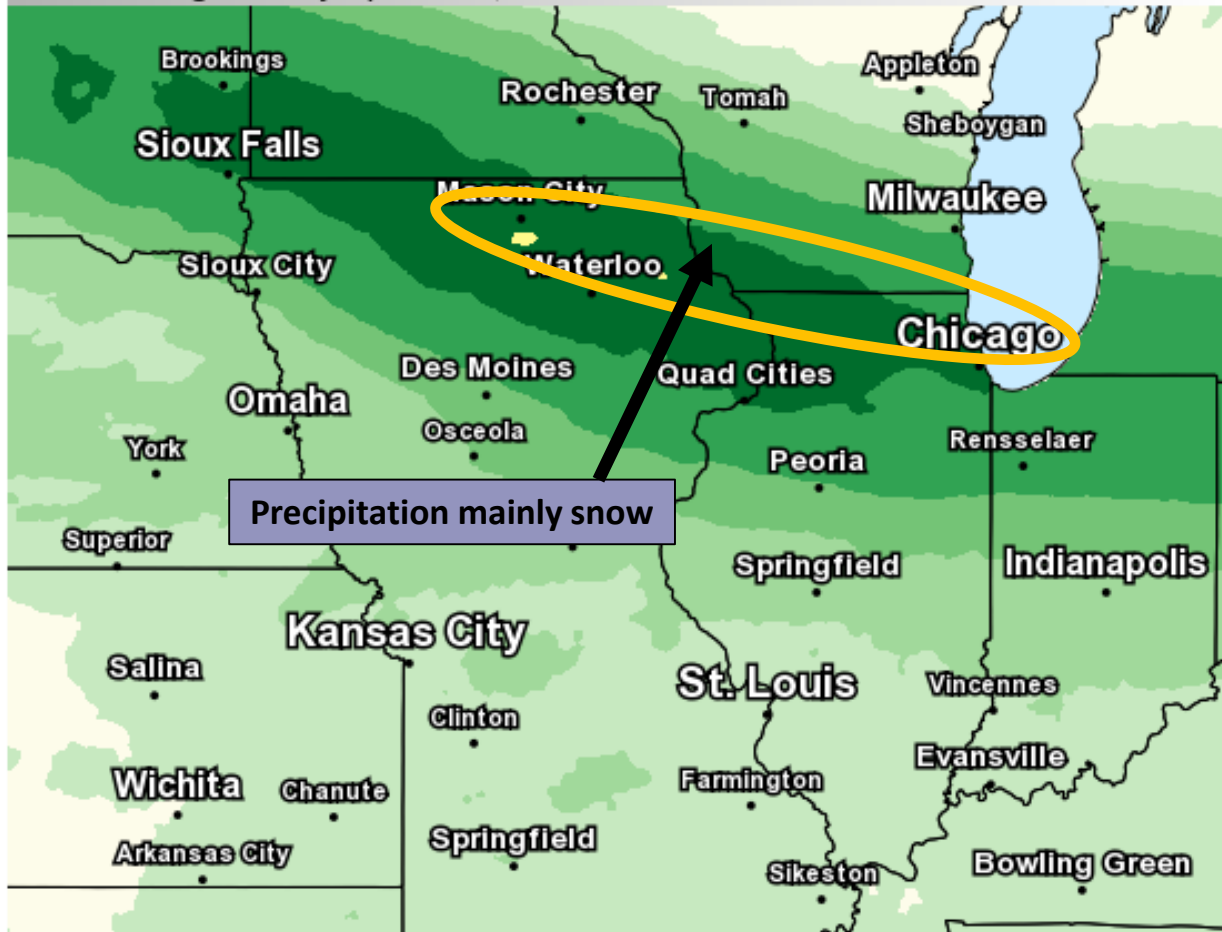
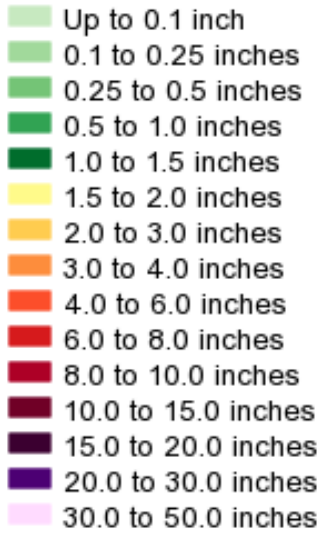


Forecast Precipitation for Saturday

Forecast Precipitation

National Weather Service

Valid Ending Sunday April 28th, 2019 at 7 AM CDT



Graphic Created
April 26th, 2019
1:08 PM CDT

- Accumulating snow Saturday from northern Iowa into southern Wisconsin.
- Runoff from snowmelt will cause a slightly higher and delayed crest on the Mississippi.

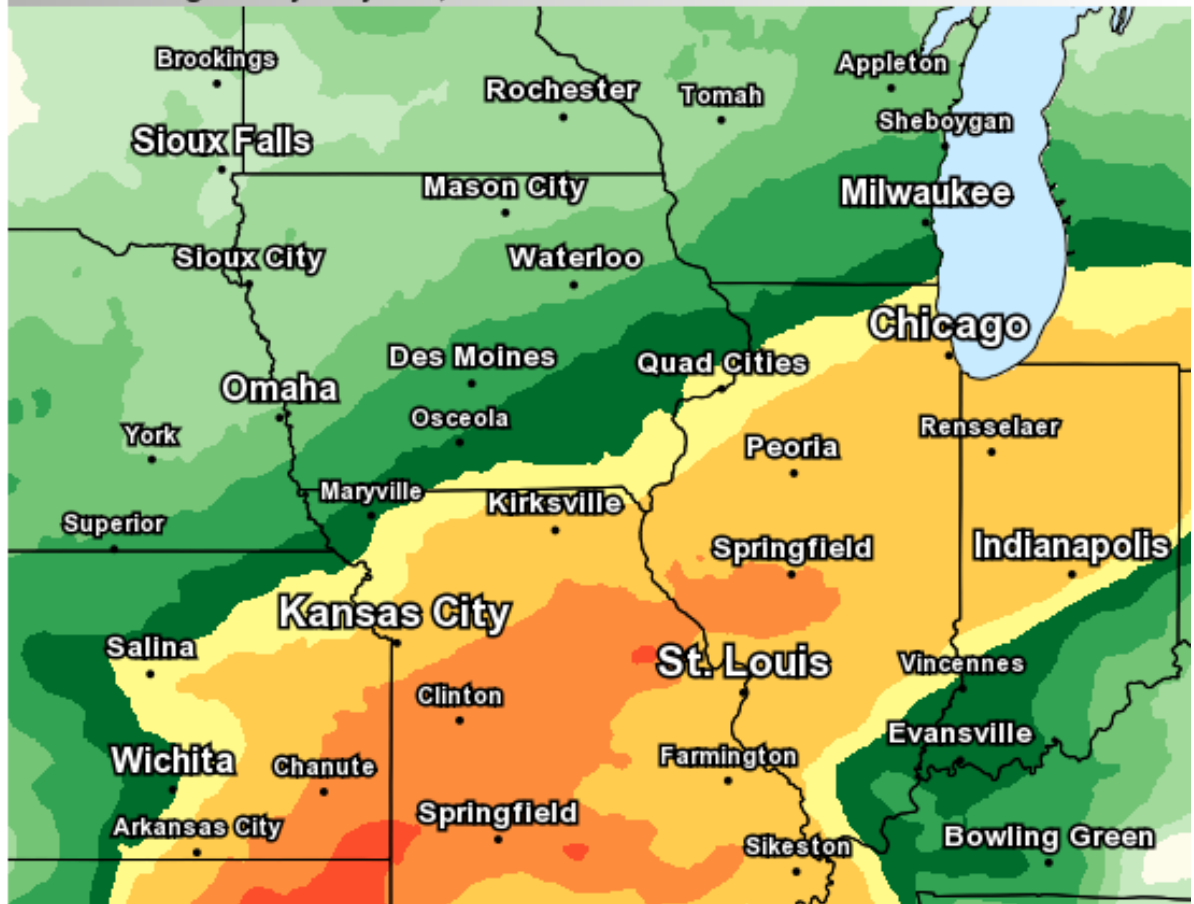
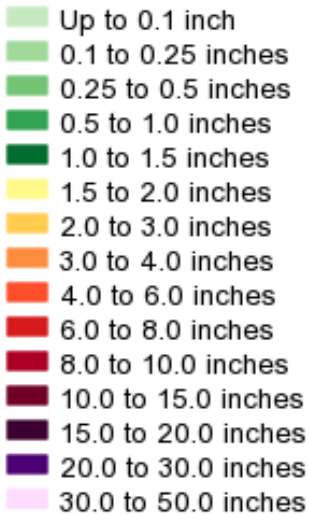


Forecast Rainfall Sunday night through Thursday

Forecast Precipitation



Valid Ending Friday May 3rd, 2019 at 7 AM CDT



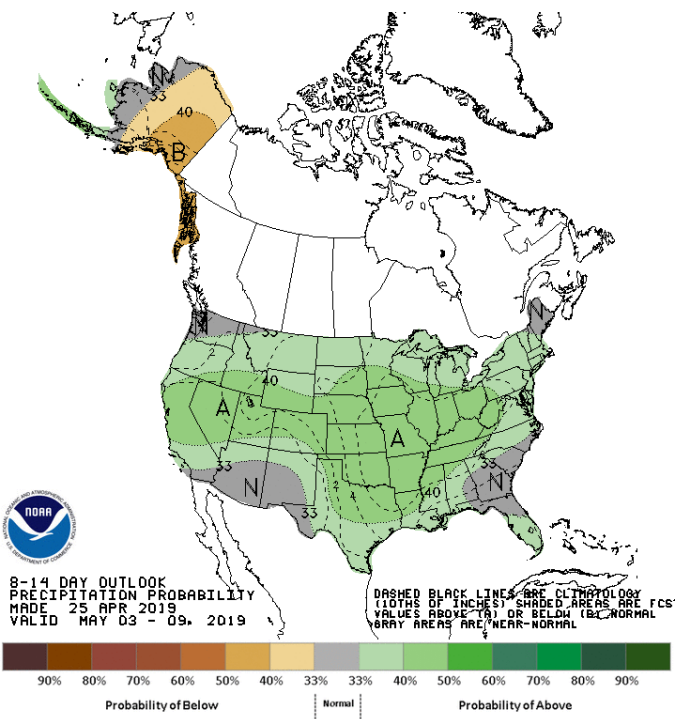
Graphic Created
April 26th, 2019
12:33 PM CDT

- Active pattern continues through Thursday. Several rounds of heavy rainfall are possible.
- There has been a slight southward shift in the heavy rainfall.
- Location and amounts of heavy rain critical to future crest forecasts.



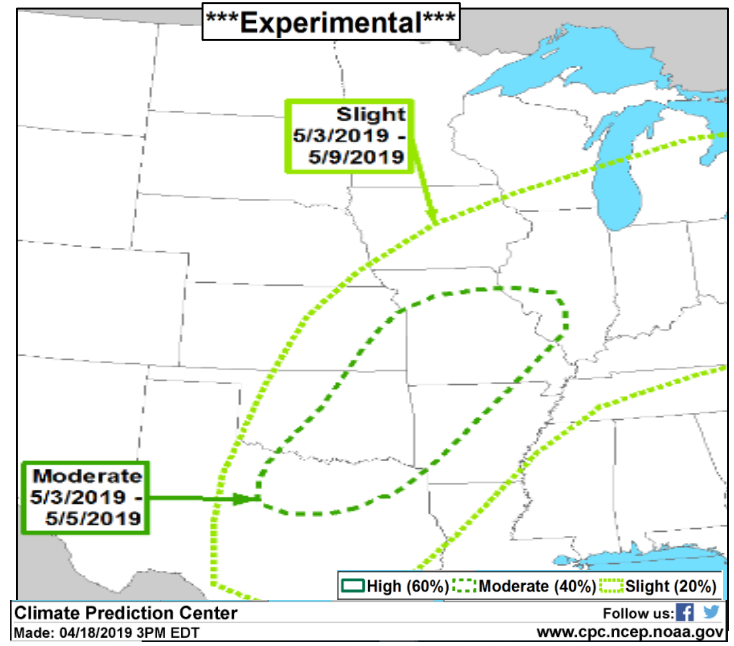
Looking Ahead: May 3rd → May 9th

Precipitation

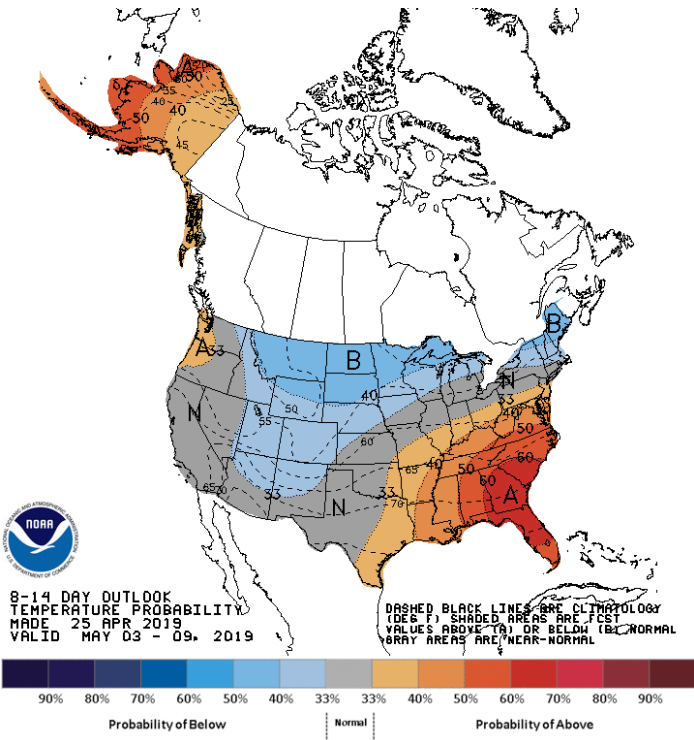


Risk of Heavy Precipitation

Valid 5/3/2019-5/9/2019



Temperatures



- An active pattern continues into mid-May with a slight risk of heavy rain the first 10 days of May.
- High water levels will continue on the Mississippi. Rises are expected on tributary rivers.



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- Confidence is high in reaching the current crest forecasts.
- Crests will likely go a little higher due to precipitation over the next week.
- The Mississippi will remain high or in flood through the Memorial Day Weekend.



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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