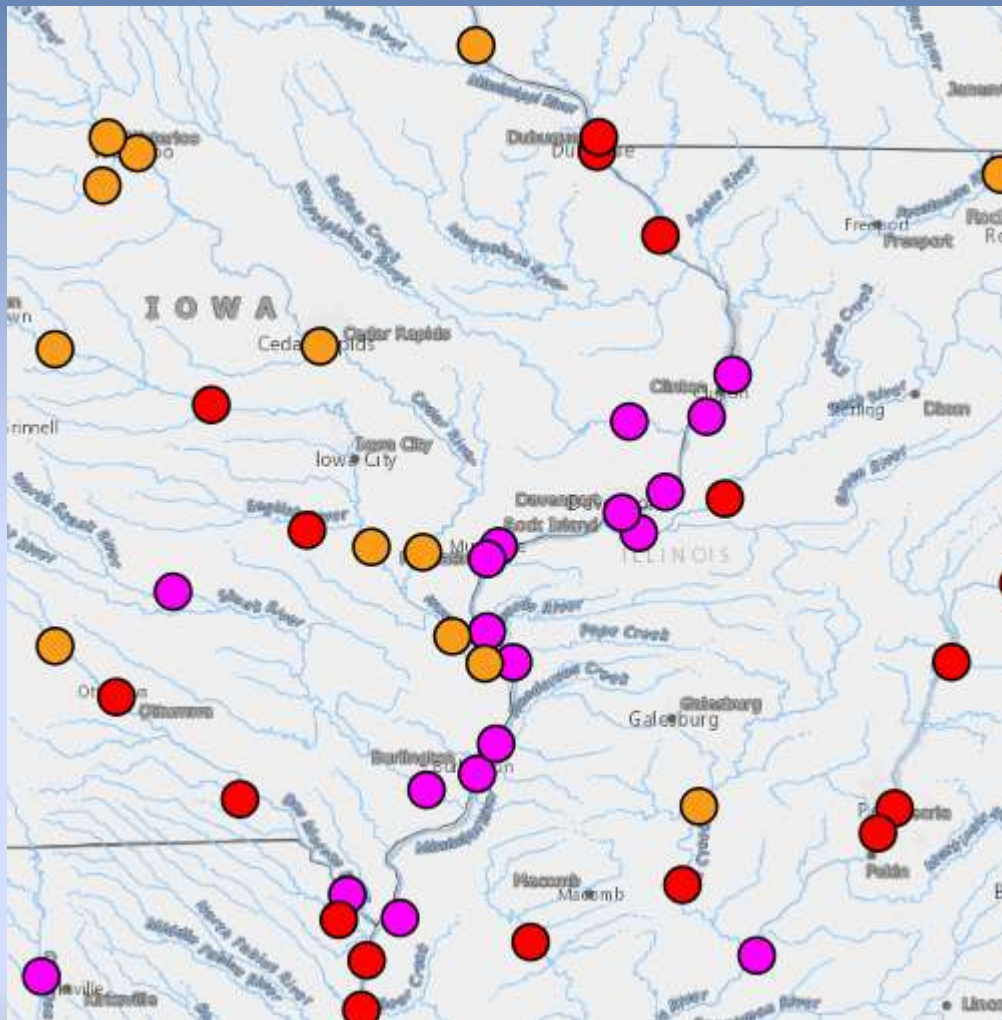




NWS Quad Cities Flood Update

May 28, 2019



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Main Points

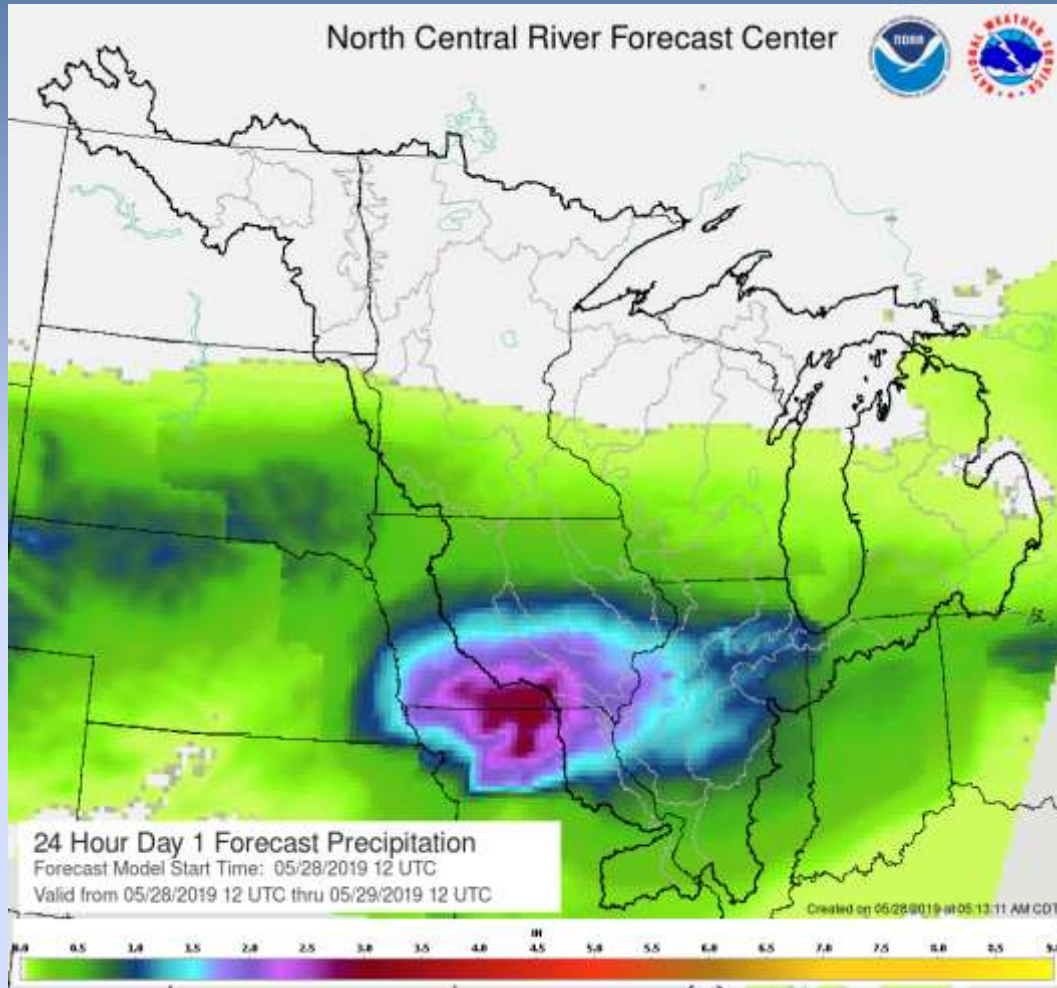
- **Heavy Rain today – heaviest expected across southern Iowa**
 - **Expect excessive runoff from any rain through Wednesday**
- **Mississippi River – crests in the next week to 10 days**
 - **Double crest anticipated upstream of Le Claire**
- **Tributary flooding is widespread**
- **Des Moines River forecasts rose significantly today with operations for Lake Red Rocks to impact the levels for the next few weeks.**
- **Daily heavy rain potential ends after tonight**
- **Will remain chances for rain through the next week**
- **Wet pattern could continue next week.**





Day 1 Rainfall Forecast

(this rain IS included in today's river forecasts)



through 7 am Wednesday



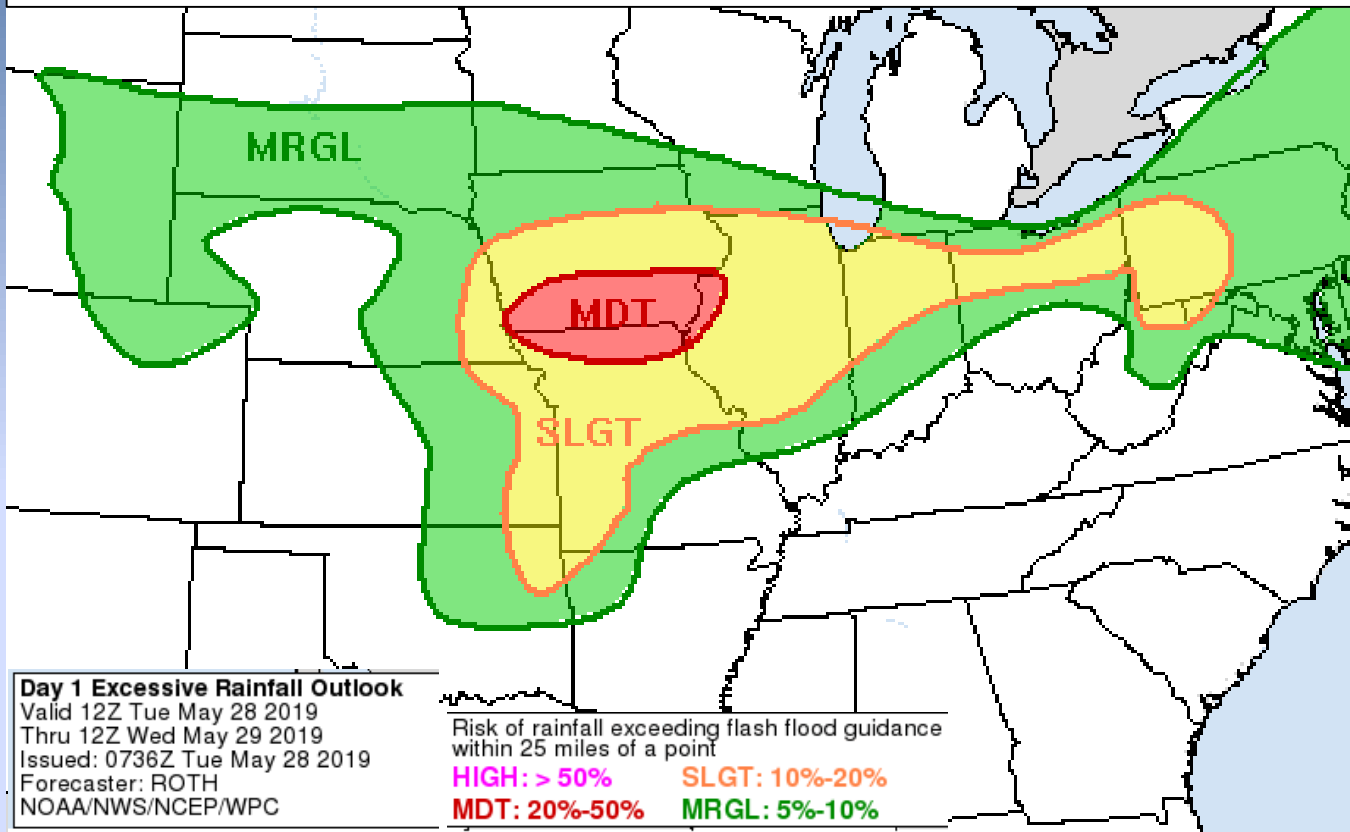
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Day 1 Excessive Rainfall Forecast

Through 7 am Wednesday



This graphic highlights areas that have potential to receive rainfall amounts or rainfall rates that could lead to flash flooding.



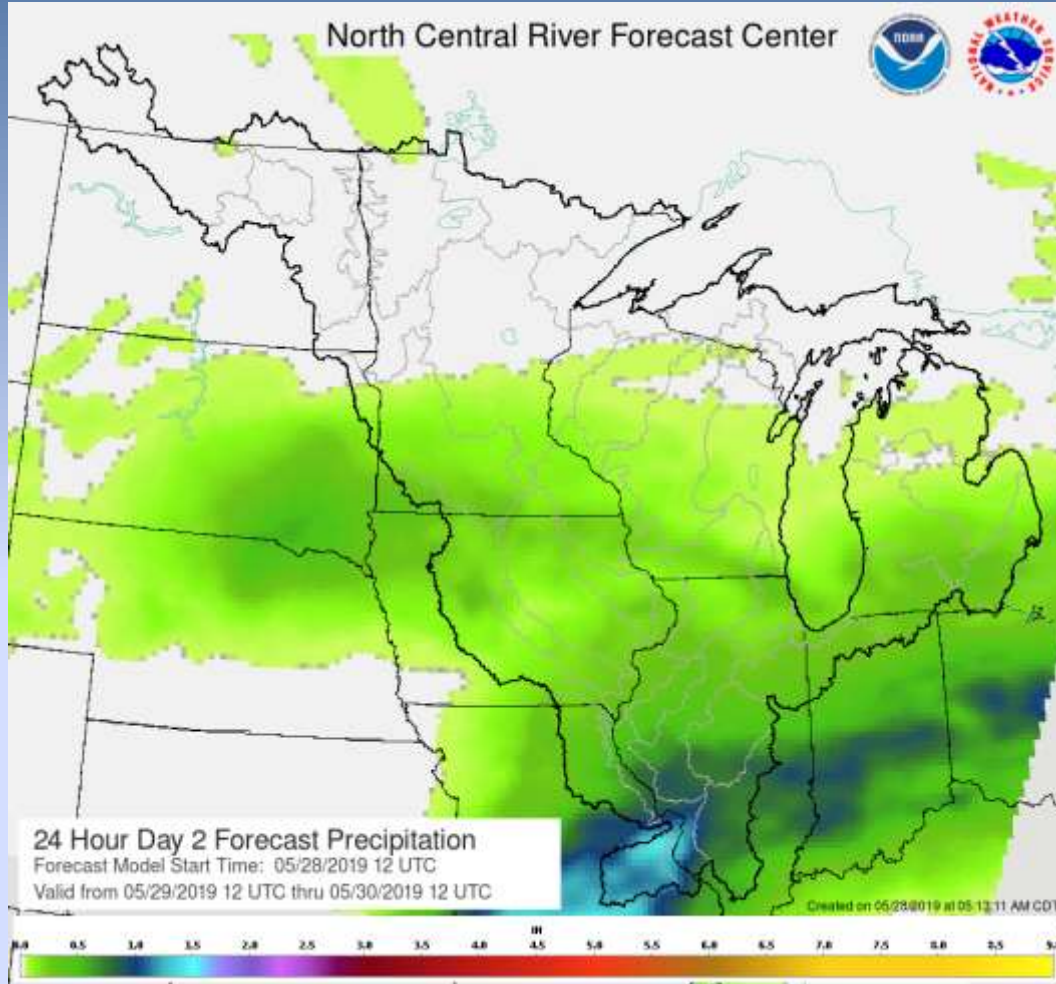
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Day 2 Rainfall Forecast

(amounts are NOT included in today's river forecasts)



Chances remain across the area for showers and thunderstorms Wednesday and Wednesday night.

Widespread heavy rains are not expected, while localized areas could see heavy rain.

Any heavy rain could lead to flash flooding.

7 am Wednesday through 7 am Thursday



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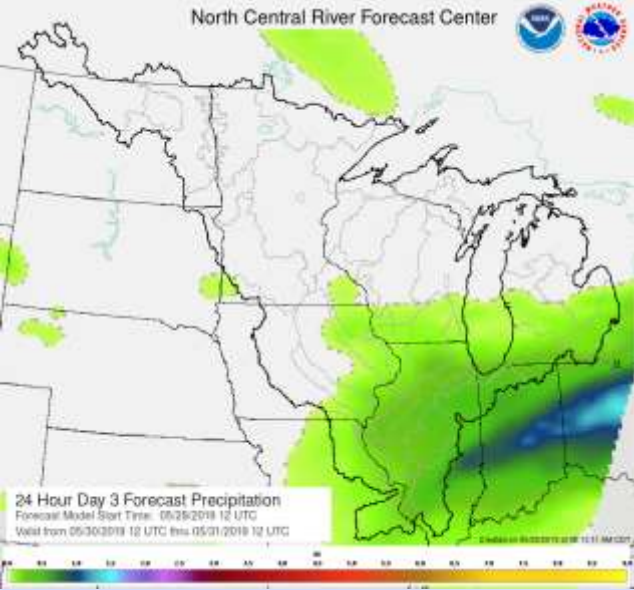
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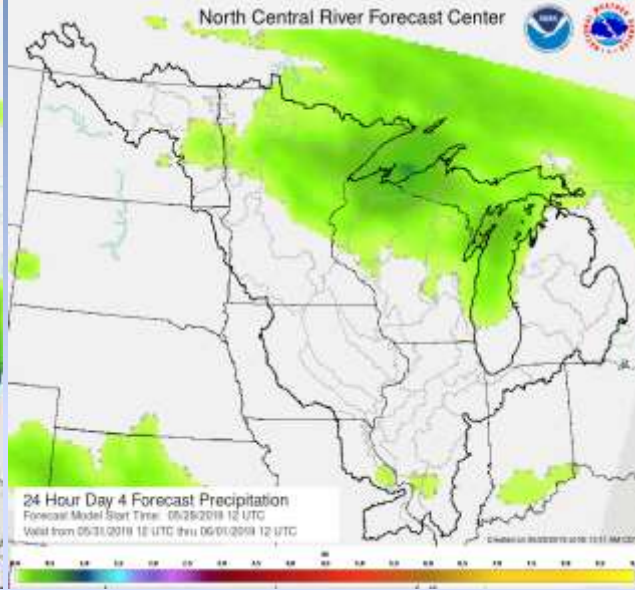
Day 3-5 Rainfall Forecast

(amounts are NOT included in today's river forecasts)

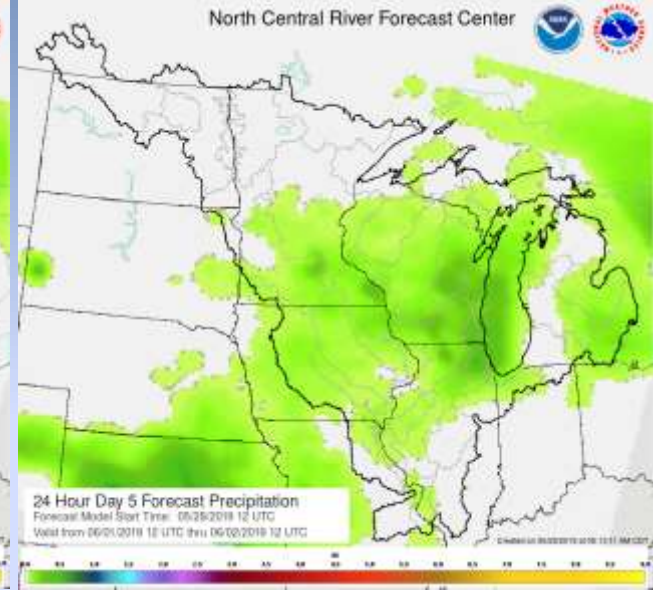
Day 3 (Thurs-Thurs Night)



Day 4 (Fri-Fri Night)



Day 5 (Sat-Sat Night)

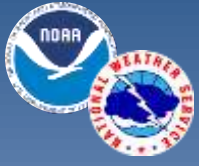


Days 3-5 won't be completely dry, but widespread heavy rain is not anticipated from Thursday through Saturday.



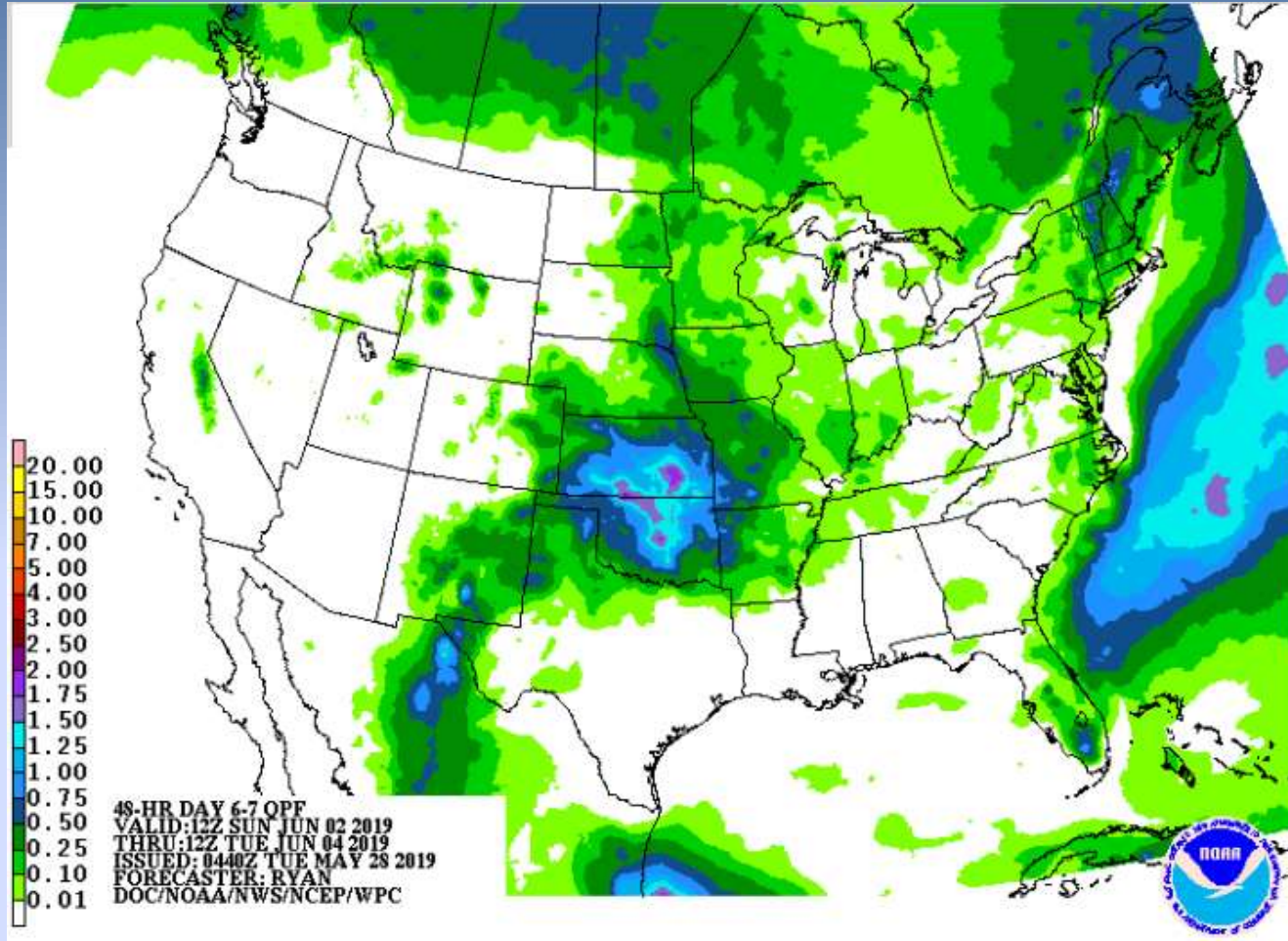
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Days 6 & 7 Forecast Precipitation

(amounts are NOT included in today's river forecasts)



Next week: Sunday through Monday Night



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Mississippi River Crest Info



MISSISSIPPI RIVER CREST FORECASTS

Timing of inflows from tributaries will be key to timing and heights of peak crests.

** Double crest likely with peak expected in 2nd crest around 6/4. 1st crest around 6/1.*

*** Double crest likely with 1st crest higher or similar to 2nd (around 6/6)*

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QUAD CITIES

<u>Location</u>	<u>Reach At Least High Confidence</u>	<u>Most Likely Crest Range</u>	<u>High End Potential Low Confidence</u>	<u>Crest Timing</u>
Dubuque LD 11	19.0	19.5 → 20.5	21.0	6/3 → 6/5 *
Dubuque RR Bridge	20.5	21.0 → 22.0	23.0	6/3 → 6/5 *
Bellevue LD12	18.5	19.0 → 20.0	20.5	6/4 → 6/6 *
Fulton LD13	19.3	19.5 → 20.5	21.0	5/31 → 6/2 **
Camanche	20.5	20.5 → 21.5	22.5	5/31 → 6/2 **
Le Claire LD14	14.0	14.0 → 15.0	16.0	5/31 → 6/2
Rock Island LD15	20.0	20.5 → 21.5	22.5	5/31 → 6/2
Illinois City LD16	20.5	20.5 → 22.0	23.5	5/31 → 6/2
Muscatine	22.3	22.5 → 23.5	24.5	6/1 → 6/3
New Boston LD17	21.7	22.0 → 23.0	24.0	6/1 → 6/3
Keithsburg	20.5	21.0 → 22.0	23.0	6/1 → 6/3
Gladstone LD18	17.7	18.0 → 20.0	21.5	6/1 → 6/3
Burlington	21.7	22.5 → 23.5	25.0	6/1 → 6/4
Keokuk LD19	23.0	23.5 → 25.0	26.0	5/31 → 6/4
Gregory Landing	24.0	24.5 → 25.5	26.5	5/31 → 6/4

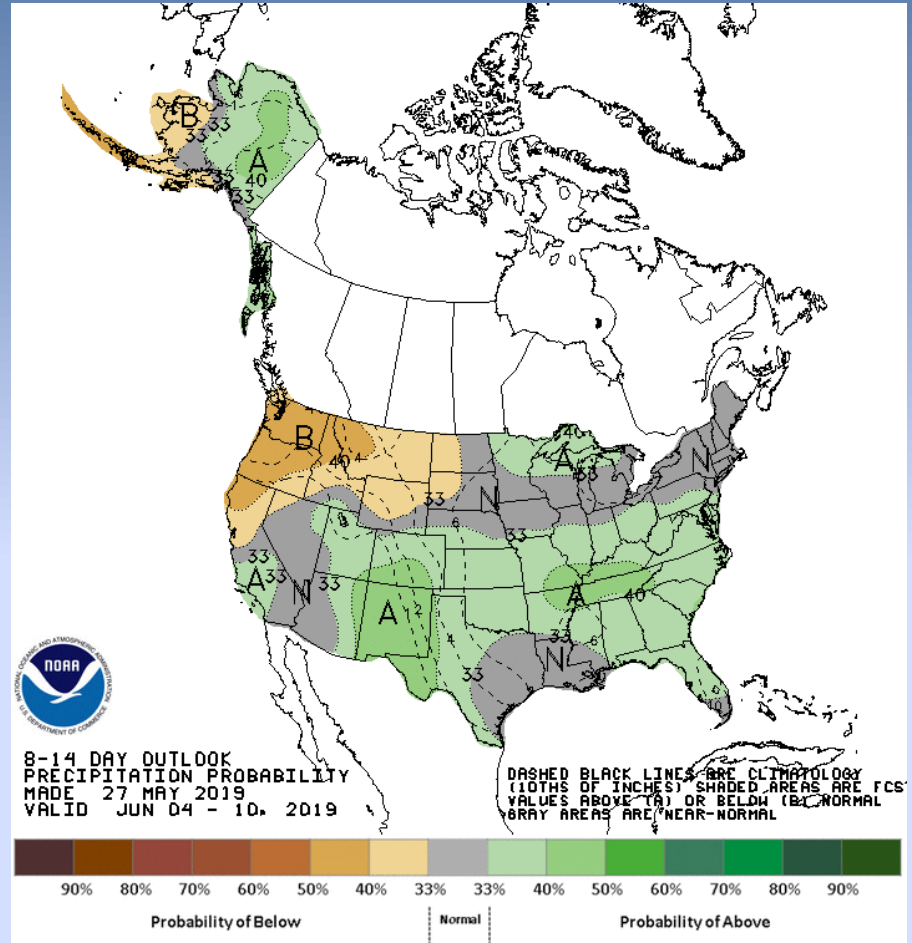
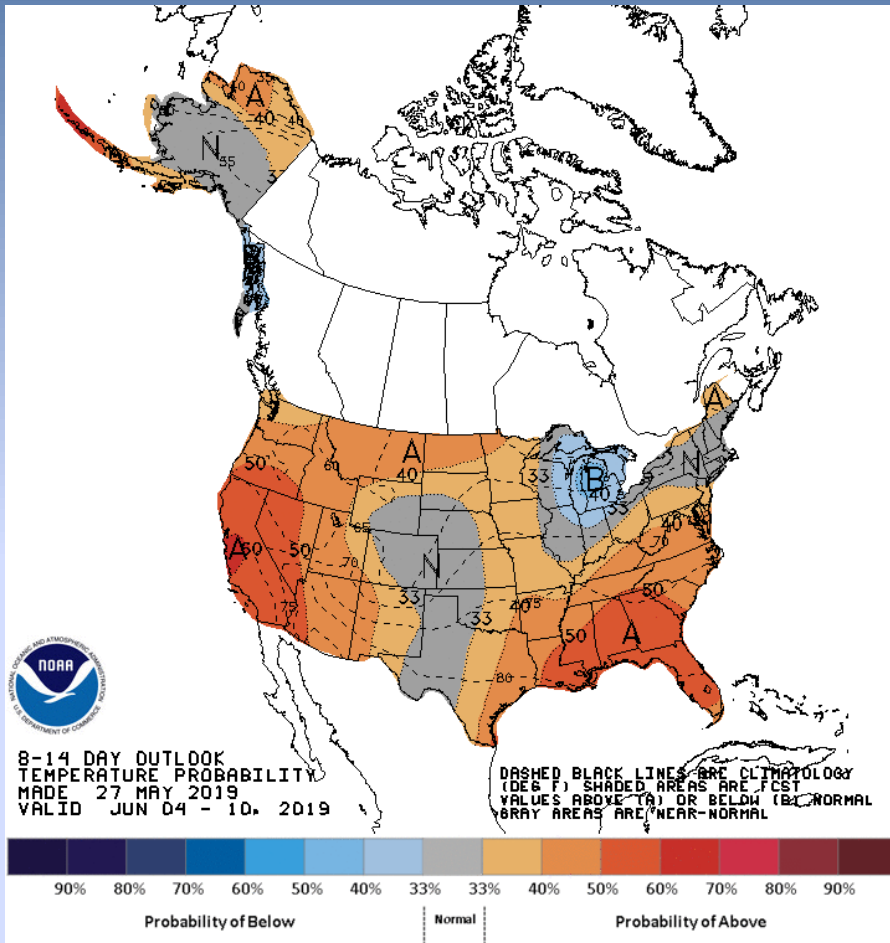


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Week 2 Outlook



June 4th – June 10th

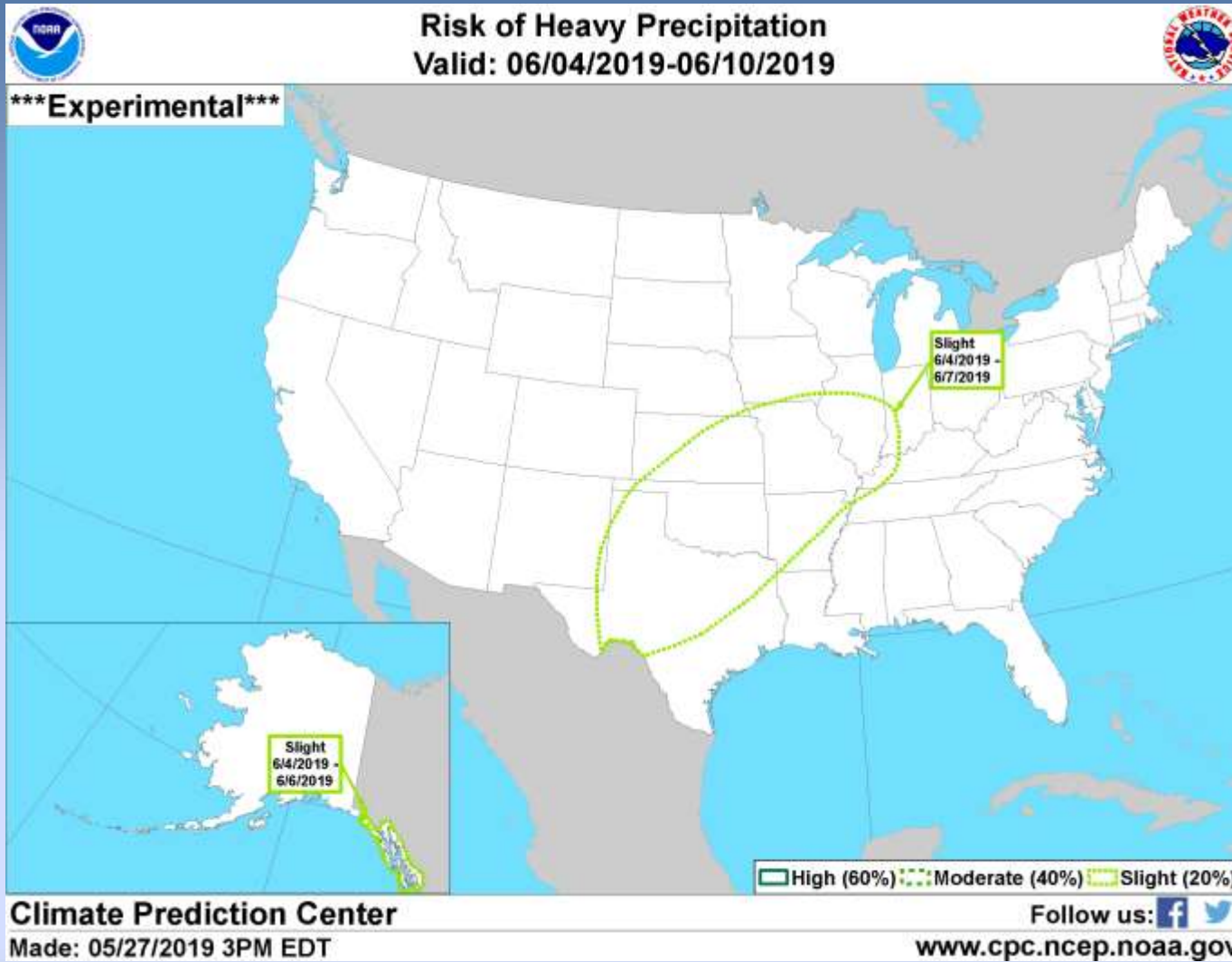


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Week 2 Precipitation Risk



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Information Sources

- Advanced Hydrologic Prediction Service (AHPS) (observations and forecasts, etc) — water.weather.gov
- Local Quad Cities WFO AHPS — water.weather.gov/ahps2/index.php?wfo=DVN
- North Central River Forecast Center — weather.gov/ncrfc
- National Operational Hydrologic Remote Sensing Center (snow information) — nohrsc.noaa.gov
- NWS Weather Prediction Center — wpc.ncep.noaa.gov
- NWS Climate Prediction Center — cpc.ncep.noaa.gov

Quad Cities WFO Forecast Discussions (technical weather and hydrology discussion)
forecast.weather.gov/product.php?site=DVN&issuedby=DVN&product=AFD

Find out more information at: www.weather.gov/dvn/River_Levels

Follow us on Facebook and Twitter for more up to date information:



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