

# Missouri Water Resources Center

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Missouri River Flood Conditions Report

Sept. 13, 2019



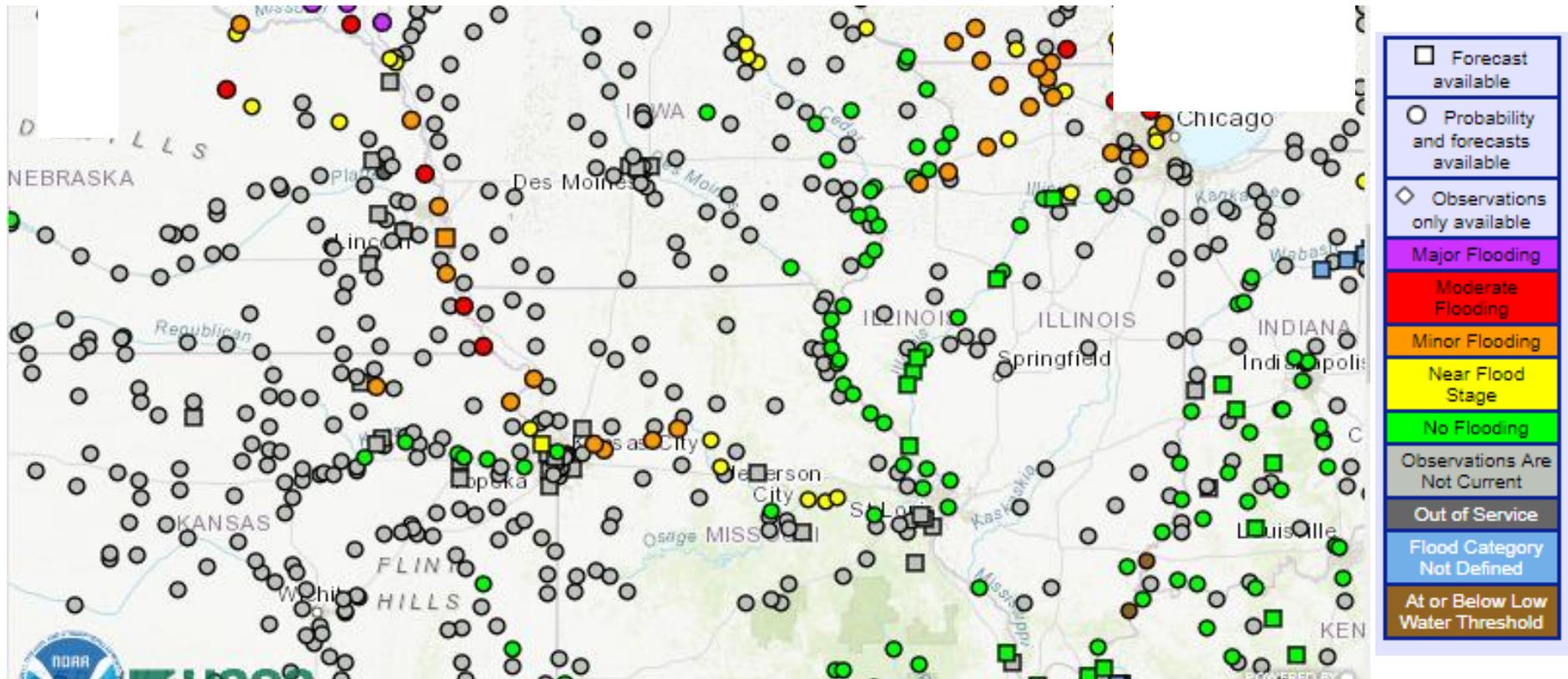
# Missouri River Flooding Status

- Abundant precipitation occurred during the past three days in the Missouri River Basin upstream of the state of Missouri. This has led to runoff and rising rivers that are forecast to create moderate flooding in northwest Missouri on the Missouri River on approximately Friday, Sept. 20. Other nearby portions of the Missouri River in northwest Missouri are forecast to receive minor flooding.
- Because of levee damage caused by previous flooding, impacts may occur at lower stages than usual.
- Due to cumulative precipitation, Missouri River mainstem reservoirs are well into their flood control pools. To manage pool levels at Oahe and Fort Randall dams, the Corps is releasing 70,000 CFS from Gavins Point Dam. The U.S. Army Corps of Engineers indicates they will reduce releases by 5,000 CFS daily tomorrow and Sunday and then next week will begin increasing releases at 5,000 CFS per day up to 80,000 cfs. The Corps has indicated they will need to continue maintaining elevated releases for an extended time.
- The Corps is releasing water from both Perry Lake and Tuttle Creek Reservoir. Both Perry and Tuttle Creek lakes drain into the Kansas River before entering the Missouri River at Kansas City. Current releases are estimated at 10,000 CFS for Tuttle Creek and 3,000 CFS for Perry.
- Truman Reservoir is releasing approximately 30,000 CFS into Lake of the Ozarks. Lake of the Ozarks is not intended to retain flood waters. As a result, Bagnell Dam is releasing most of this input into the open Osage River below the dam. The Osage River flows into the Missouri River 12 miles downstream from Jefferson City.
- The NWS indicates only small amounts of precipitation are expected in the Missouri River Basin during the next several days. Moderate amounts of precipitation are forecast to occur several days from now.



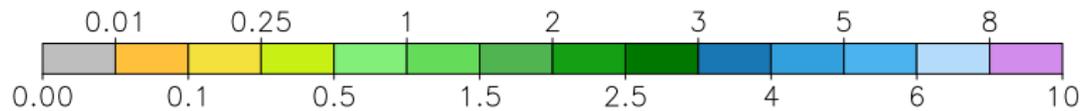
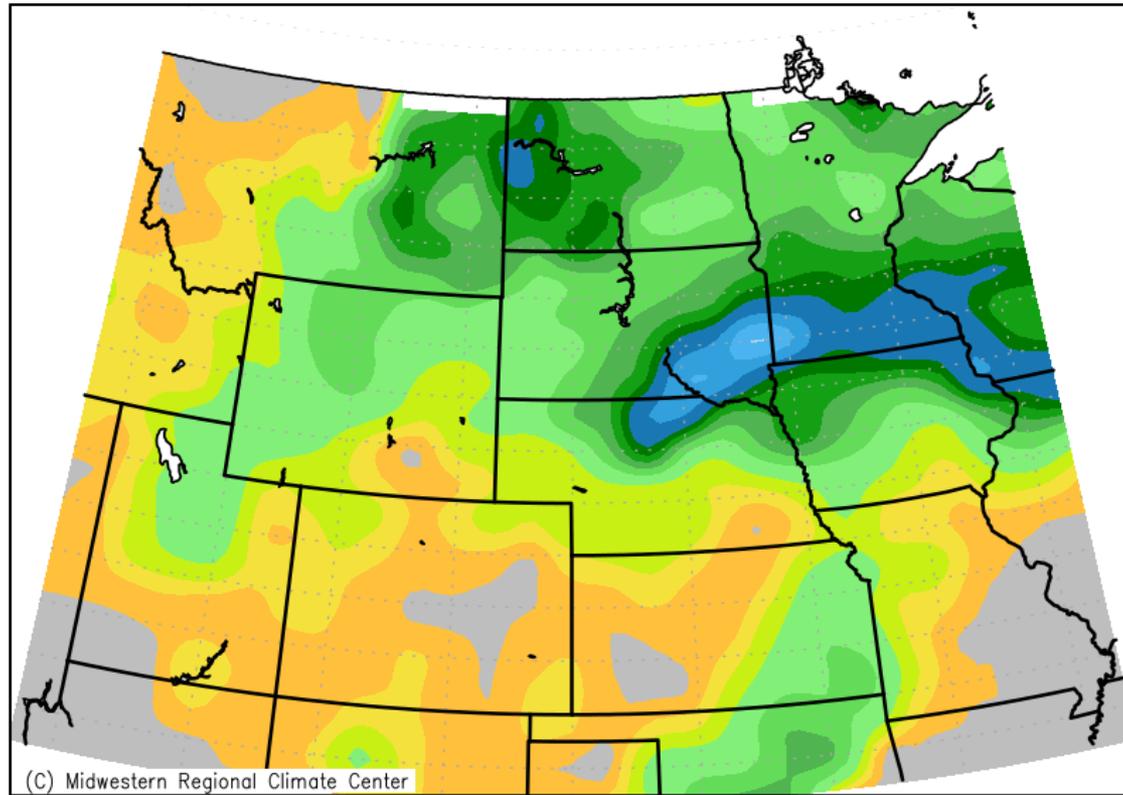


# River Forecast Conditions



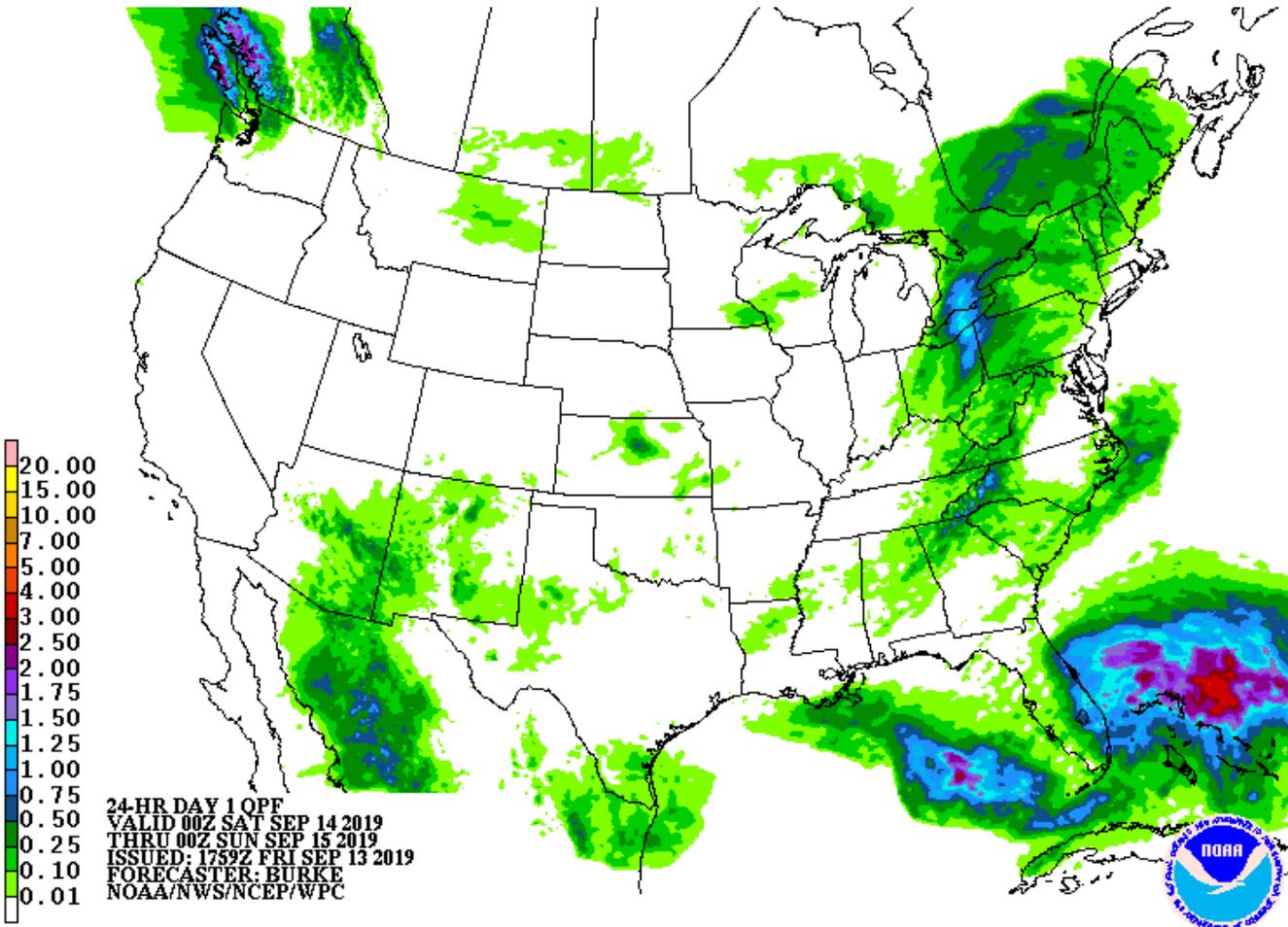


Accumulated Precipitation (in)  
September 11, 2019 to September 13, 2019



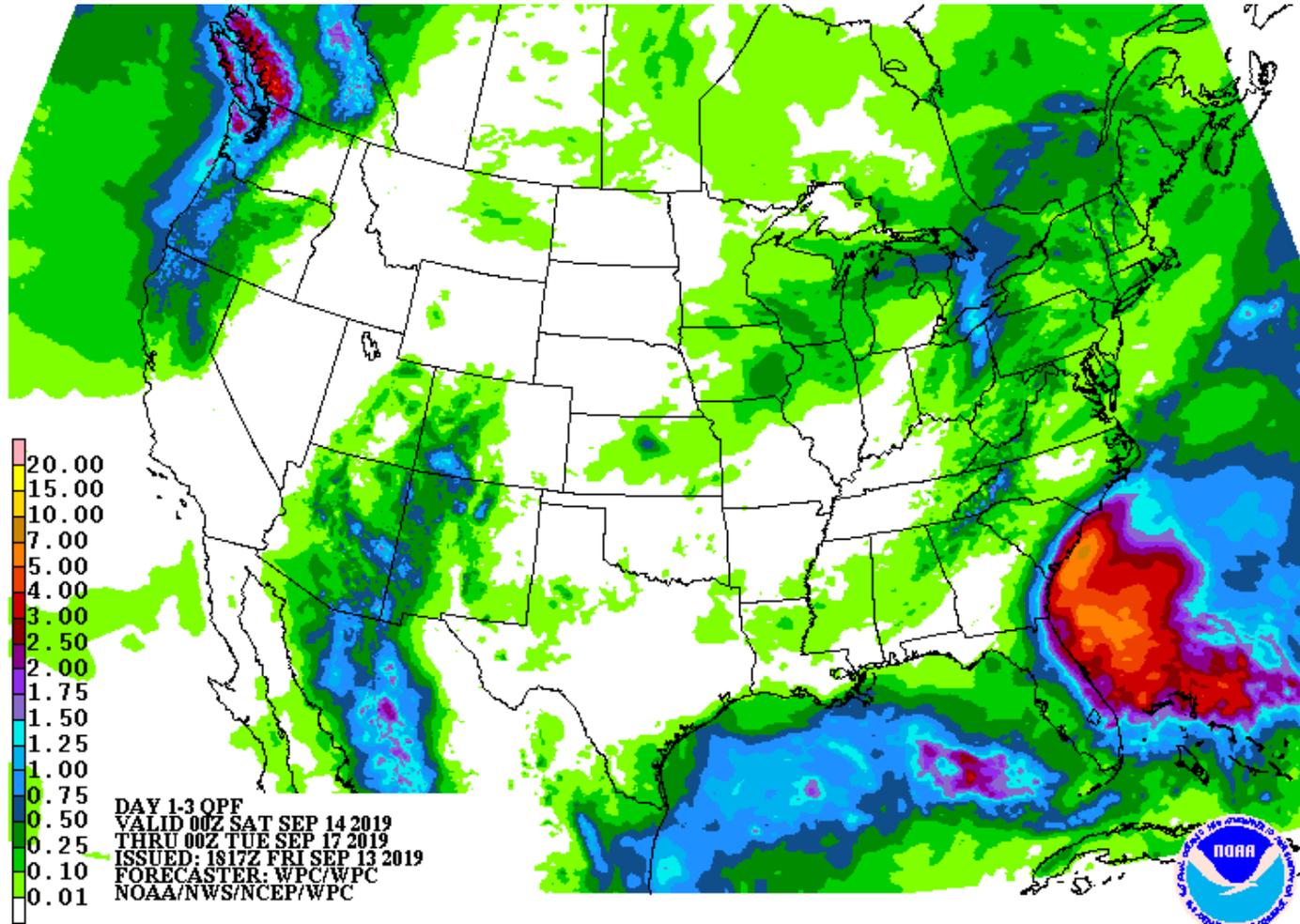


# One-day Total Quantitative Precipitation Forecast (QPF)



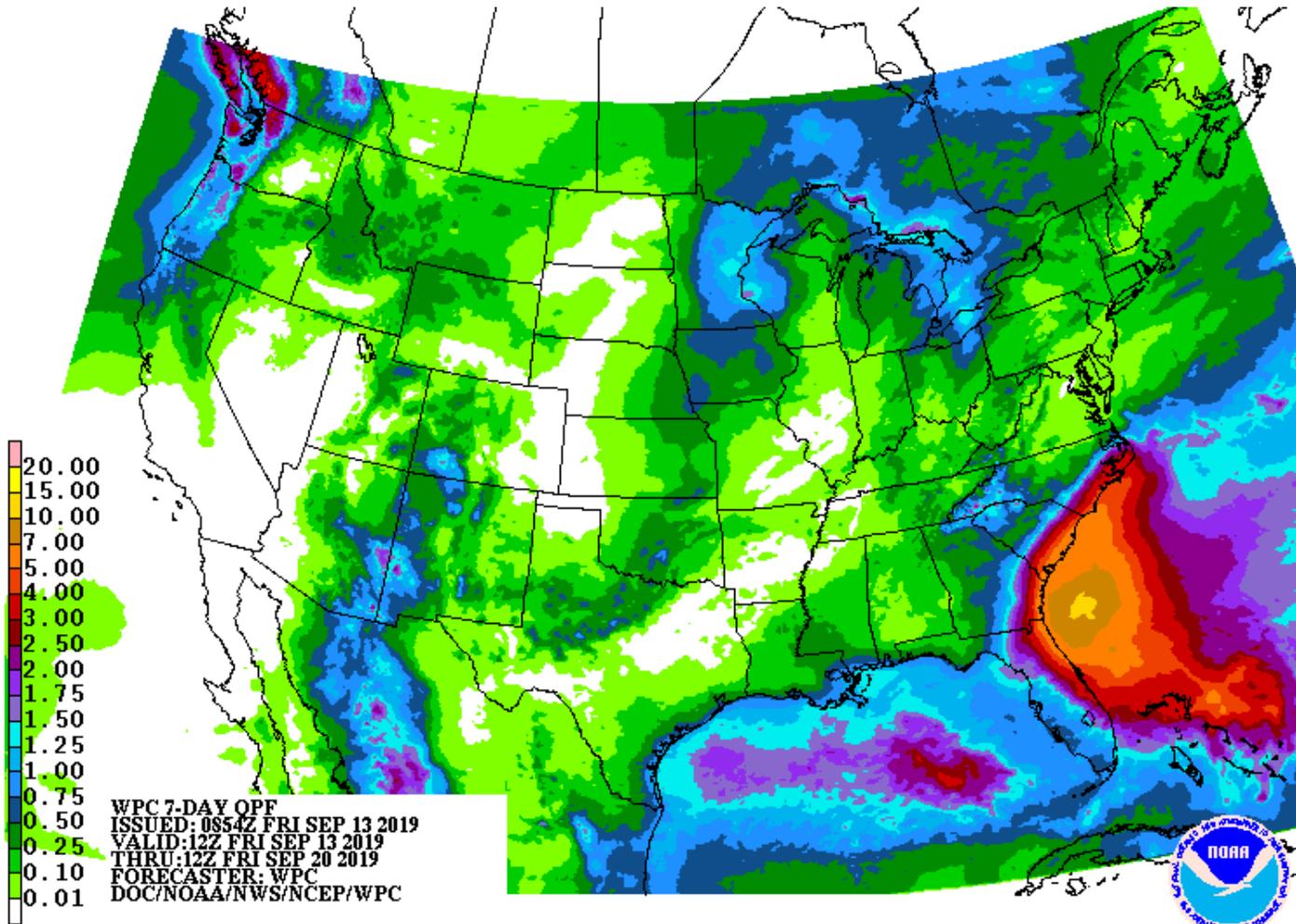


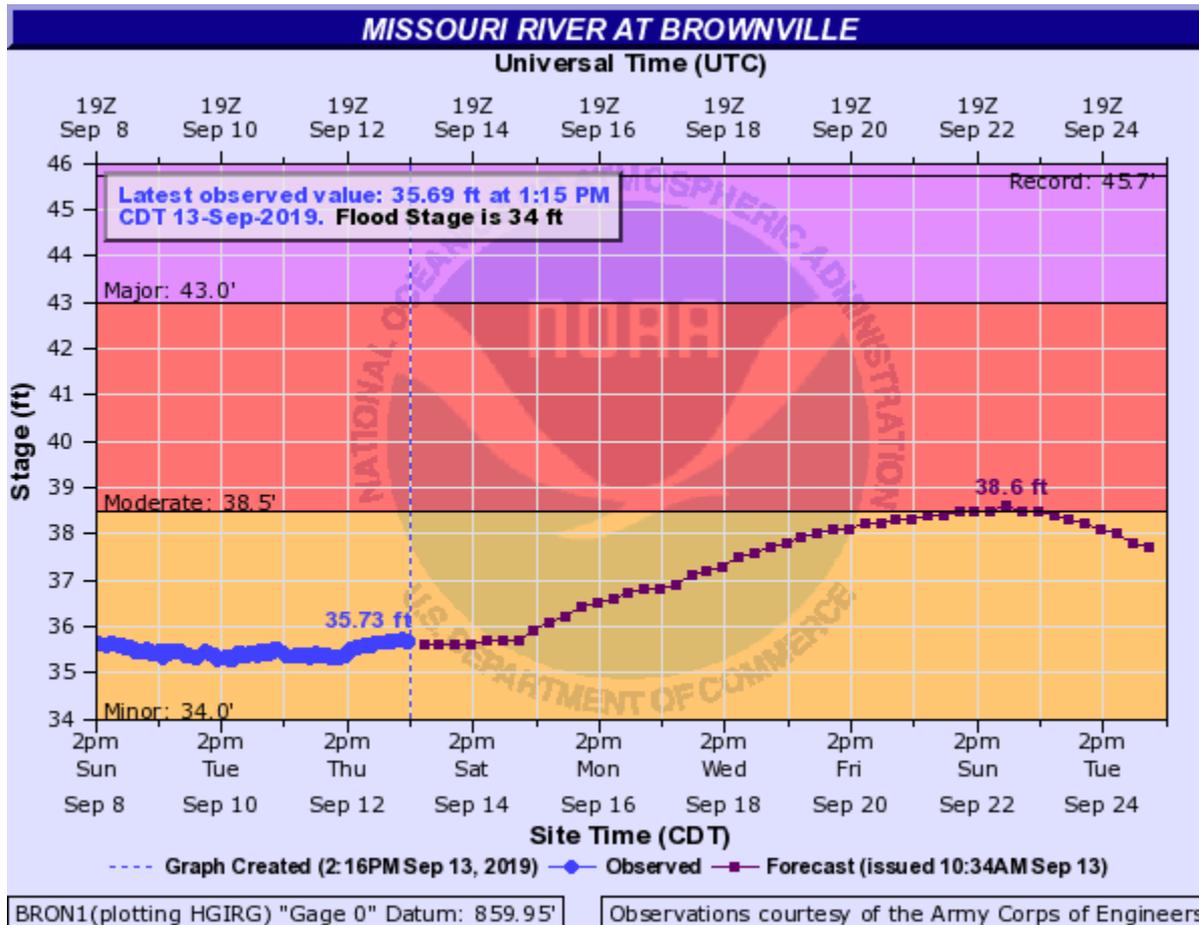
# Three-day Total Quantitative Precipitation Forecast (QPF)





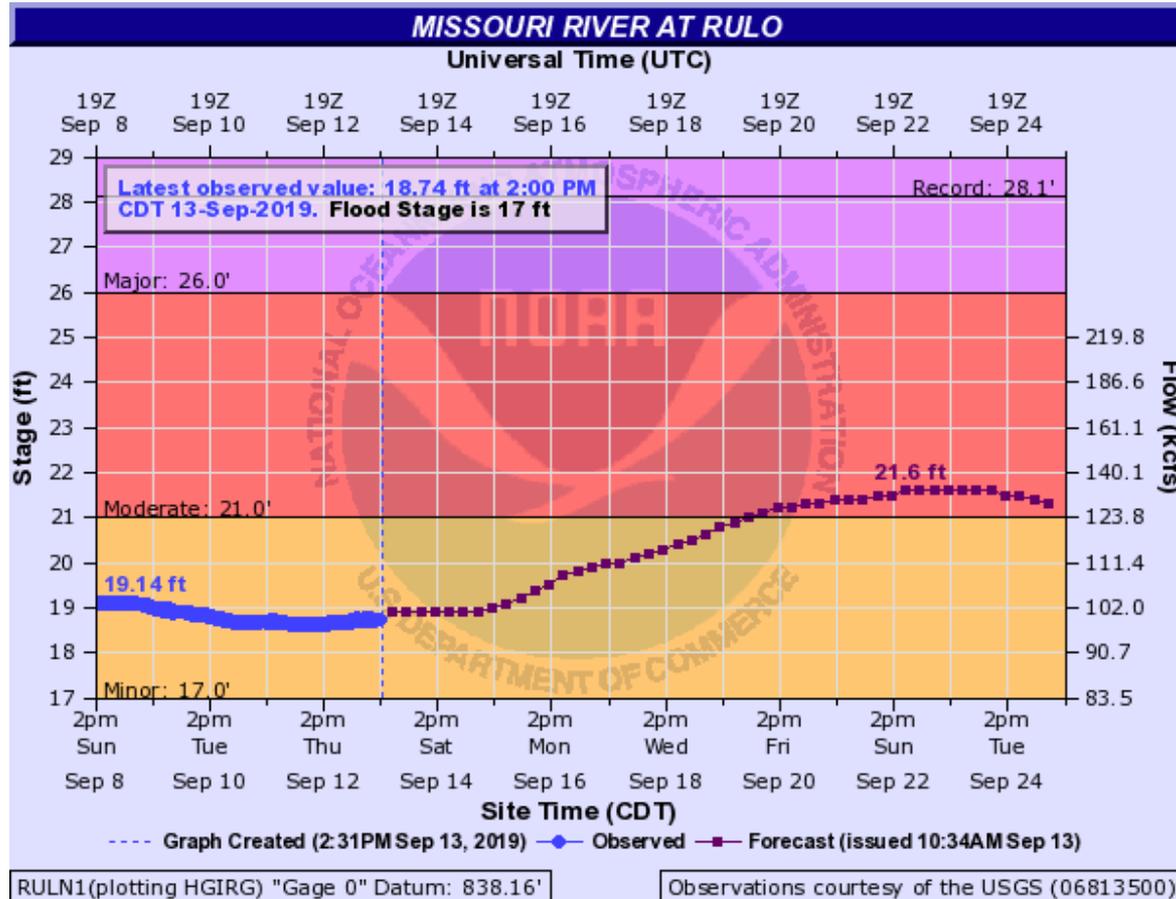
# Seven-day Total Quantitative Precipitation Forecast (QPF)





- The Missouri River at Brownville is in minor flood stage at 35.7 feet and is forecast to begin rising Sunday afternoon and crest a week later on Monday at 38.6 feet in moderate flood stage.
- Moderate flood stage at Brownville occurs at 38.5 feet.
- For stage-related impacts and other site specific details go to <https://water.weather.gov/ahps2/hydrograph.php?wfo=oax&gage=bron1>





- The Missouri River at Rulo, Nebraska is in minor flood stage at 18.7 feet and is forecast to begin rising Sunday afternoon and crest at 21.6 feet in moderate flood stage a week later on Monday early morning.
- Moderate flood stage at Rulo occurs at 21.0 feet.
- For stage-related impacts and other site specific details go to:  
<https://water.weather.gov/ahps2/hydrograph.php?wfo=oax&gage=ruln1>



# Resources for Further Information

- Department of Natural Resources Flood Page:  
<https://dnr.mo.gov/flood>
- National Weather Service – Missouri River Flooding:  
<https://www.weather.gov/oax/missouririverflooding>
- National Weather Service – River Forecasts, Missouri Basin:  
<https://water.weather.gov/ahps2/forecasts.php?wfo=EAX>
- Missouri Water Resources Center – Missouri River Informational Page: [https://dnr.mo.gov/geology/wrc/interstate-waters/missouri\\_river.htm](https://dnr.mo.gov/geology/wrc/interstate-waters/missouri_river.htm)

