

Missouri Water Resources Center

Missouri River Flood Conditions Report

Aug. 30, 2019





Missouri River Flooding Status

- Significant precipitation occurred during the past 24 hours. This has led to rising river levels on the Missouri River within the state of Missouri continuing minor flood levels except for the Glasgow and Jefferson City reaches of the Missouri River where the river is forecast to return to moderate flood stage Saturday and Sunday.
- 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 water from Gavins Point Dam at 70,000 CFS. The Corps has indicated they will need to maintain elevated releases for an extended time.
- 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 flow joins the Missouri River 12 miles below Jefferson City.
- Note: National Weather Service river forecasting is currently only incorporating 24-hour precipitation forecasts. Future precipitation could increase river levels from the forecasts shown below.

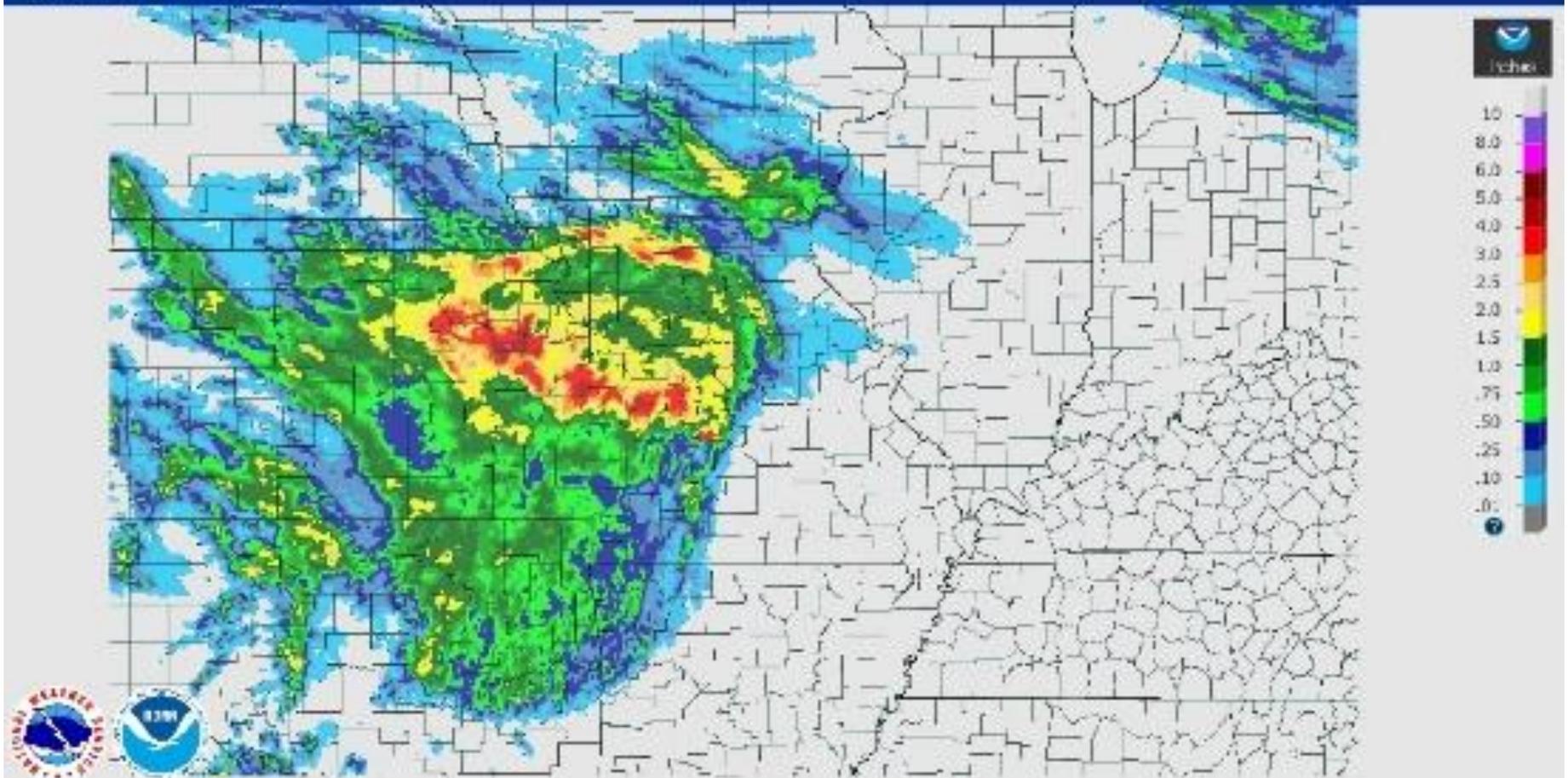




24-hour Observed Precipitation

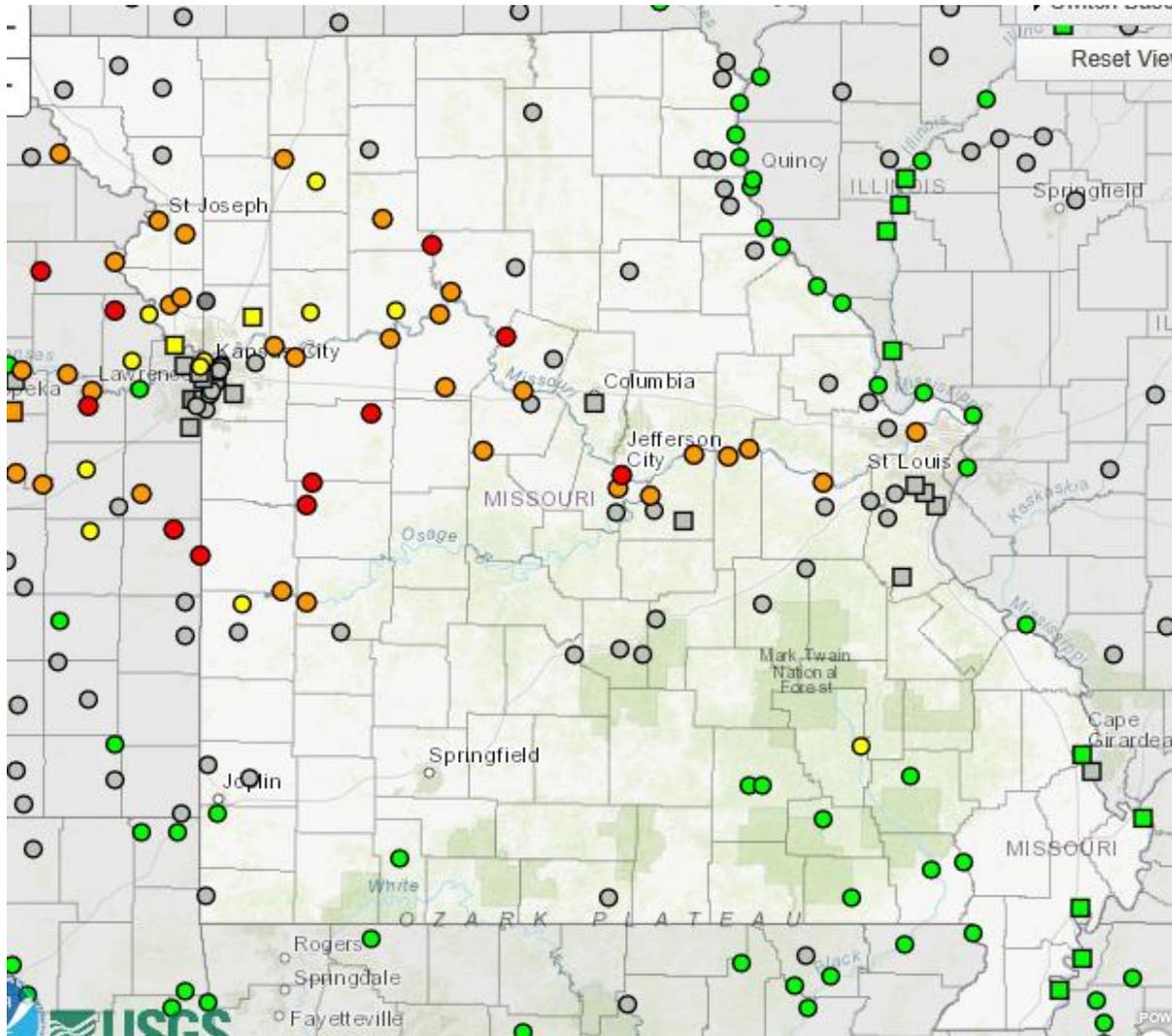
August 30, 2019 1 Day Observed Precipitation

Created on August 29, 2019 - 13:48 UTC
Valid on August 30, 2019 - 12:00 UTC





Current River Conditions

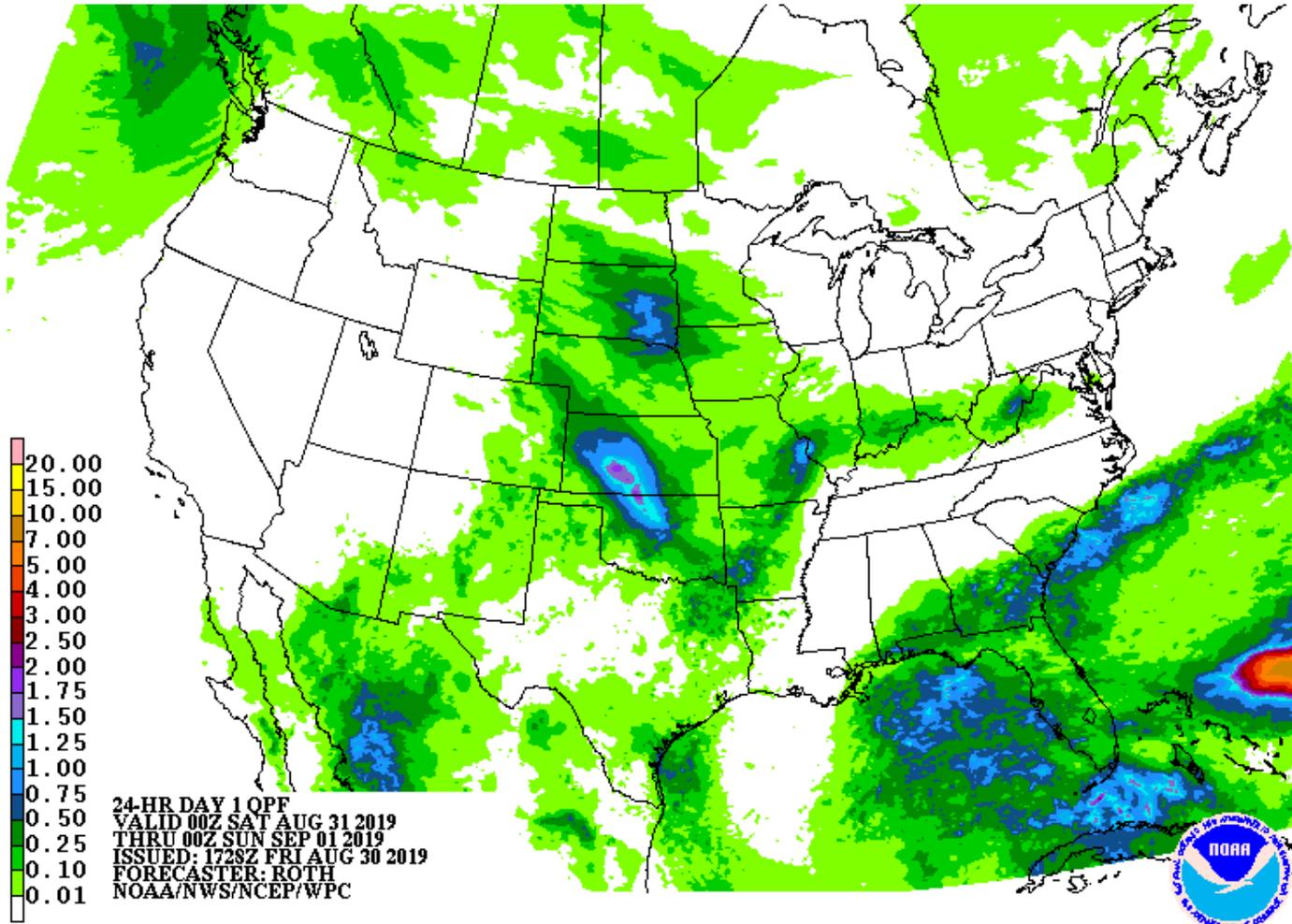


□ Forecast available
○ Probability and forecasts available
◊ Observations only available
Major Flooding
Moderate Flooding
Minor Flooding
Near Flood Stage
No Flooding
Observations Are Not Current
Out of Service
Flood Category Not Defined
At or Below Low Water Threshold





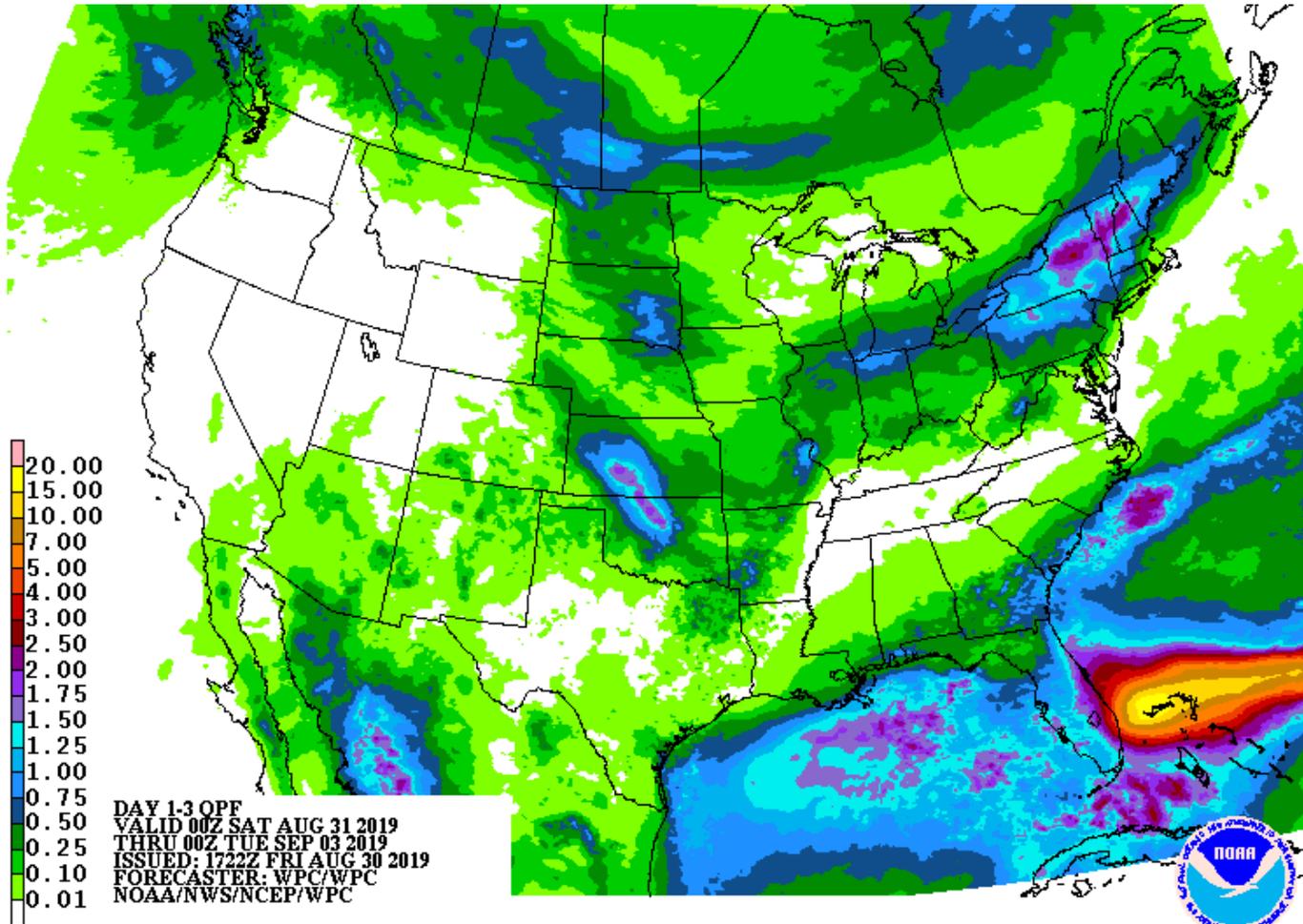
One-day Total Quantitative Precipitation Forecast (QPF)





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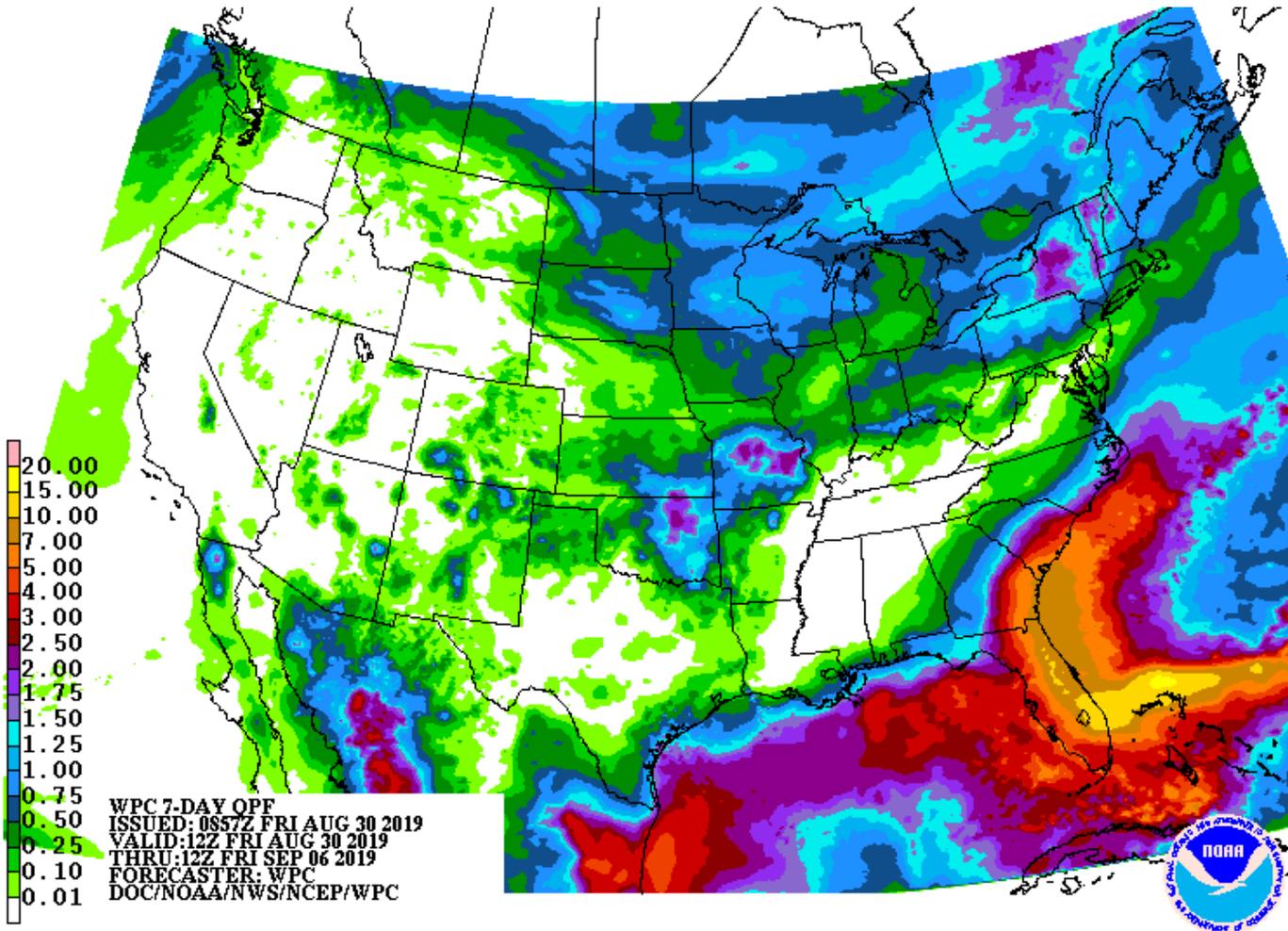
Three-day Total Quantitative Precipitation Forecast (QPF)





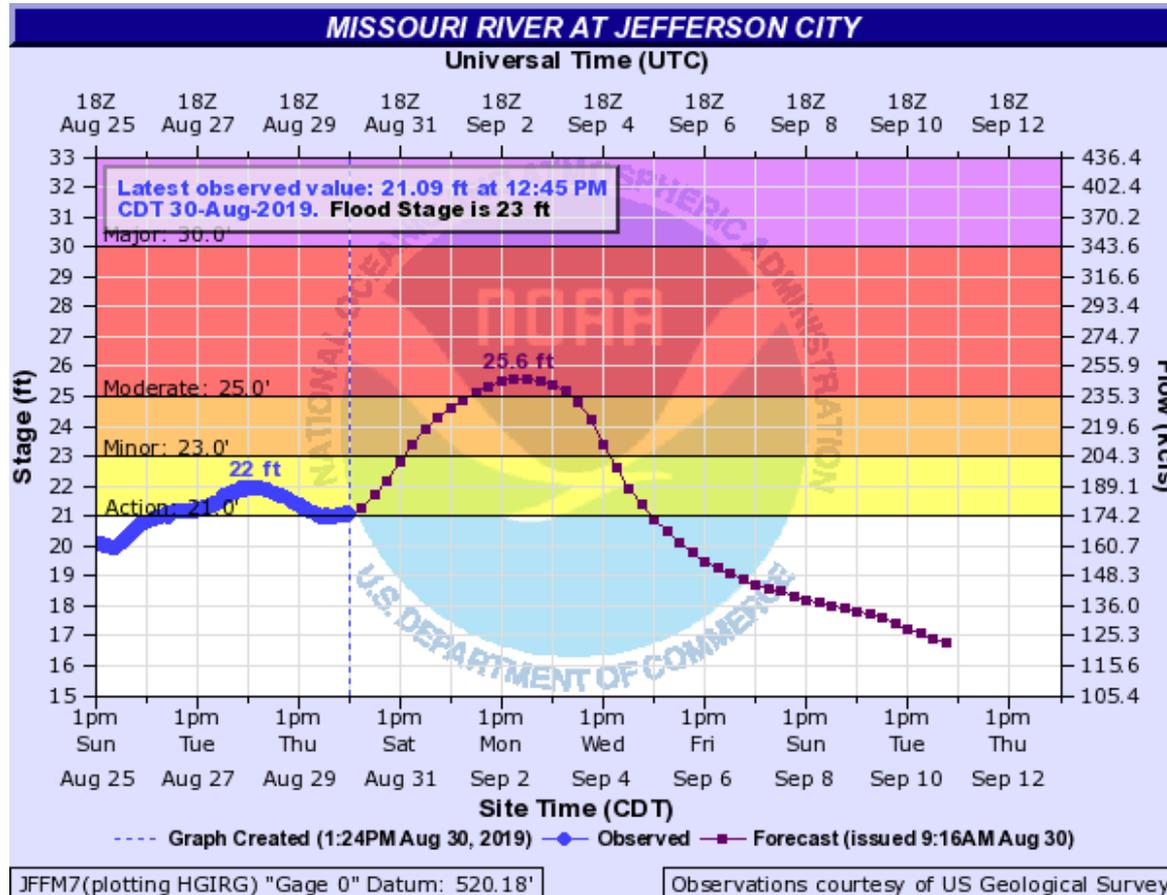
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Seven-day Total Quantitative Precipitation Forecast (QPF)

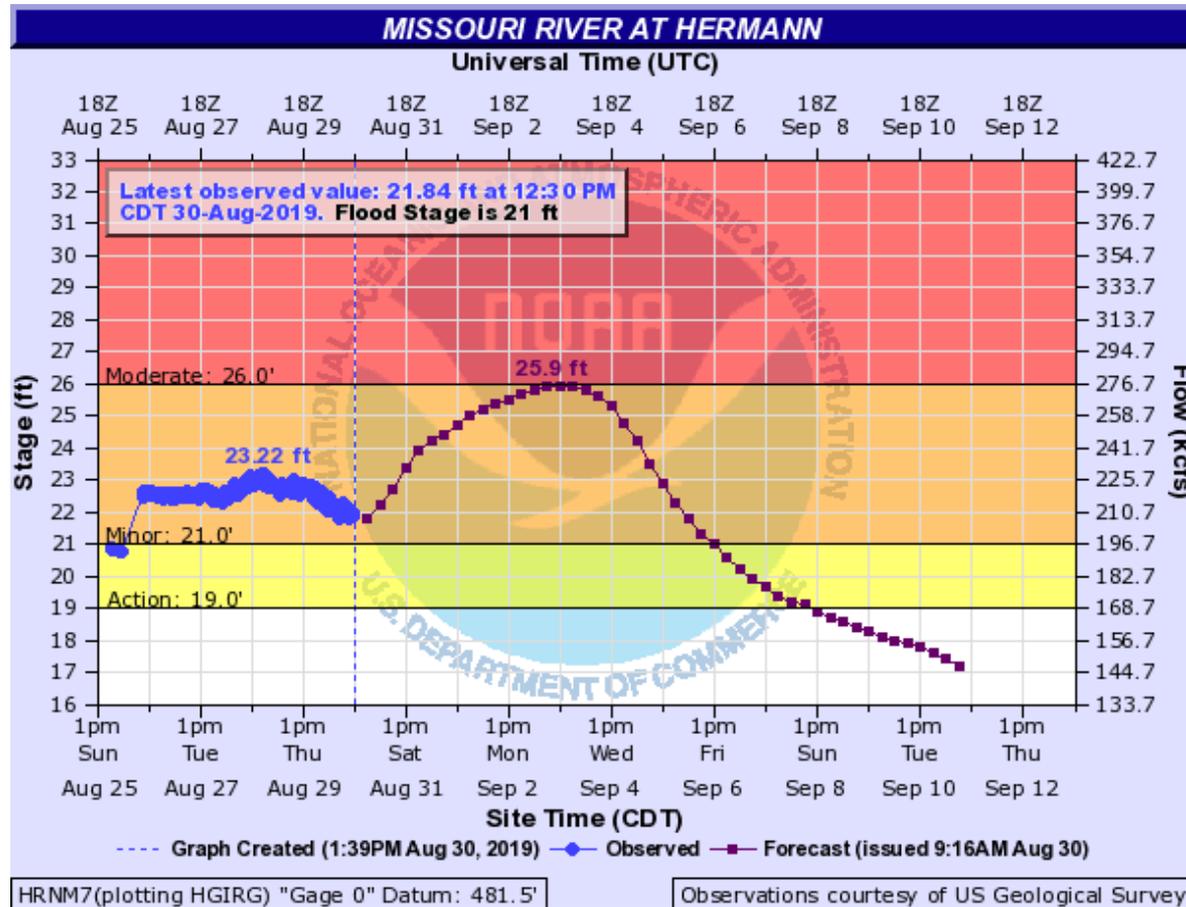




- The Missouri River at Glasgow is forecast to rise into moderate flood stage tomorrow and crest at 29.7 feet Monday morning.
- Major flood stage at Glasgow occurs at 27.0 feet.
- [Flood impacts at Glasgow](#)



- The Missouri River at Jefferson City is forecast to rise into moderate flood stage and crest at 25.6 feet Monday afternoon.
- Moderate flood stage at Jefferson City occurs at 25.0 feet
- [Flood impacts at Jefferson City](#)



- The Missouri River at Hermann is forecast to rise to the threshold of moderate flood stage cresting at 25.9 feet Tuesday afternoon.
- Moderate flood stage at Hermann occurs at 26.0 feet.
- [Flood impacts at Hermann](#)

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

