

# Missouri Water Resources Center

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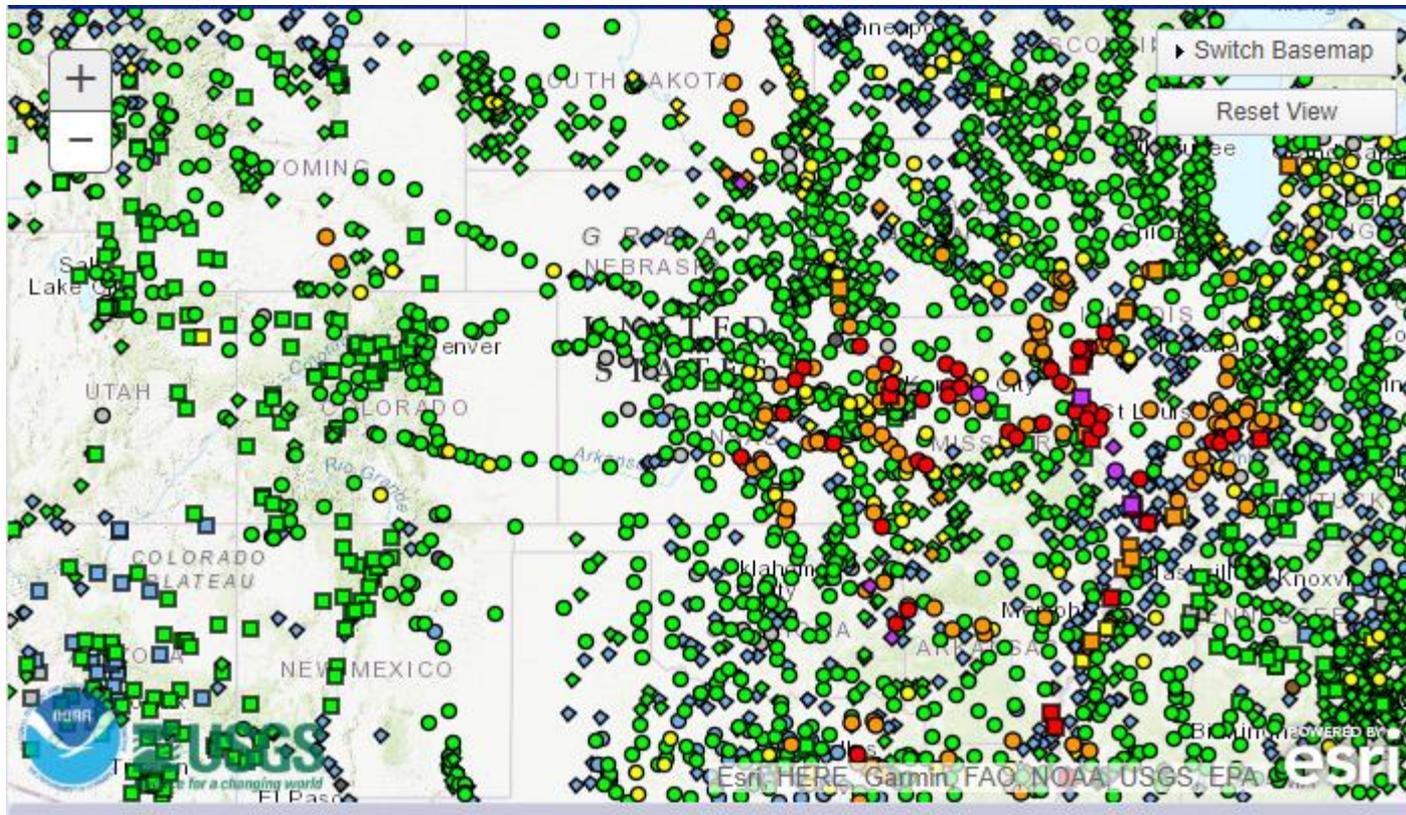
Missouri River Flood Conditions Report

June 25, 2019

# Missouri River Flooding Status

- Significant precipitation occurred this weekend over the central portion of the state. This has led to rising rivers especially for the Glasgow to Jefferson City reach of the Missouri River. Some locations in this reach will return to major flood stage this week.
- The longer range forecast indicates a drying trend with reduced rainfall for the region and receding river levels.
- Due to the sustained exposure to high water, infrastructure such as levee systems are starting to become stressed, with several major failures occurring. Sandbagging efforts are underway at multiple locations. Some evacuations are occurring as levee systems fail.
- Due to cumulative precipitation, several Missouri River mainstem reservoirs are well into their flood control pools. To manage pool levels at Oahe and Fort Randall dams, the Corps has maintained releases from Gavins Point Dam at 75,000 CFS. The Corps has indicated they will need to maintain 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 18,000 CFS for Tuttle Creek and 5,000 CFS for Perry.
- Truman Reservoir is releasing approximately 45,000 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.

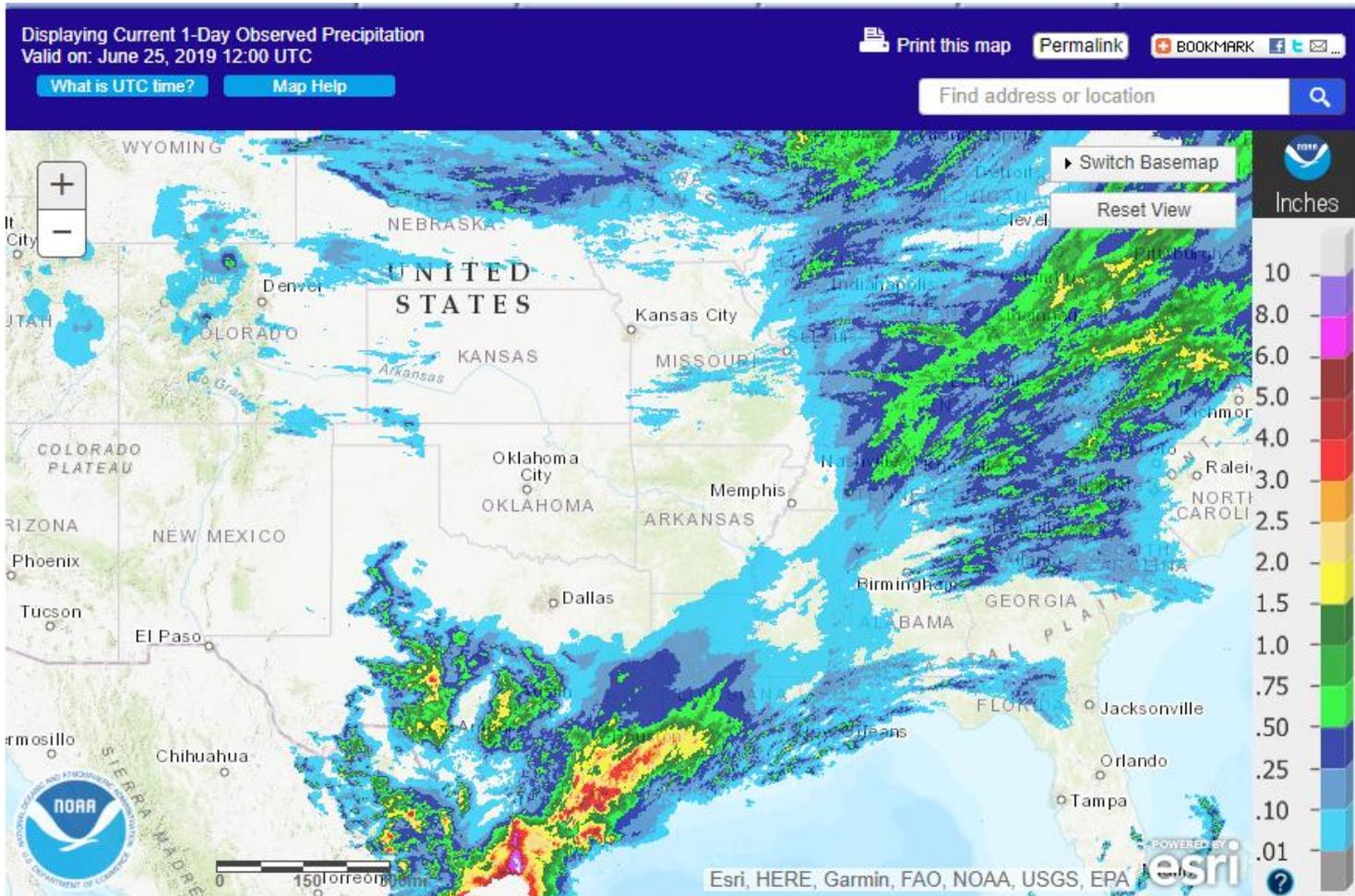
# Current River Conditions



	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

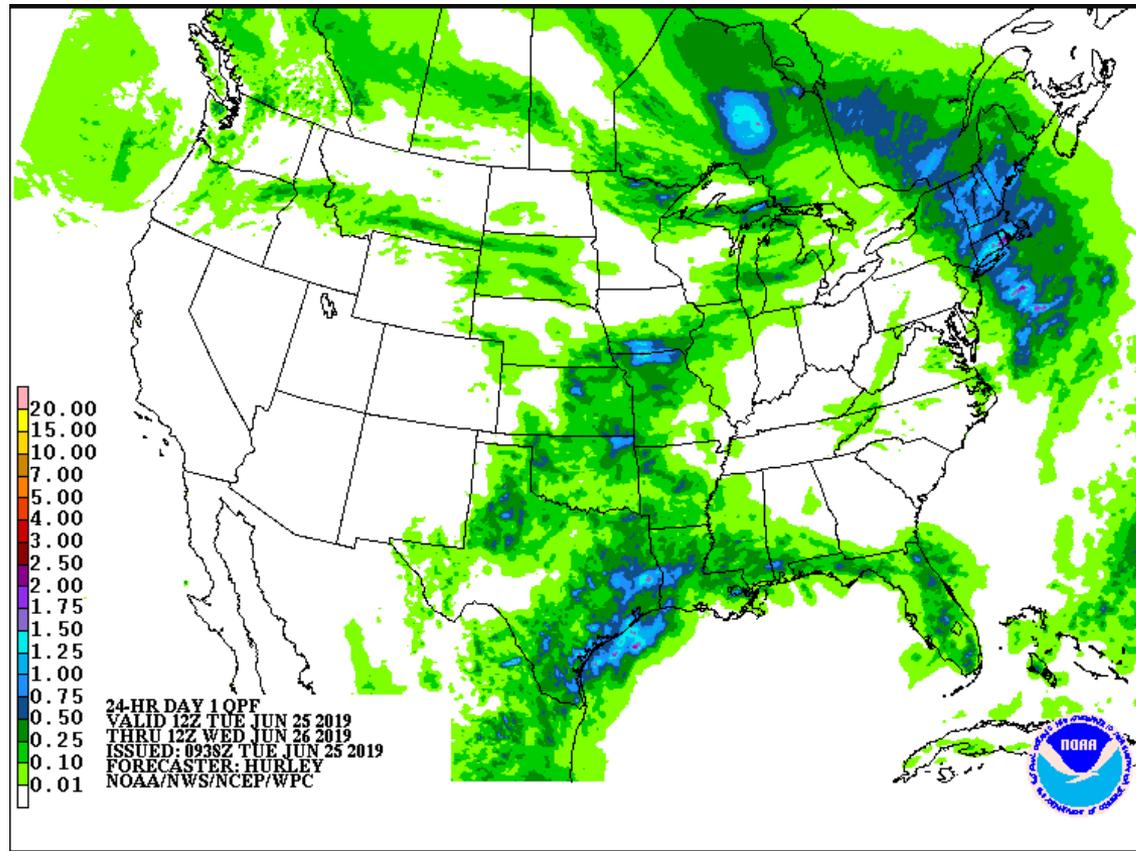


# 24-hour Observed Precipitation





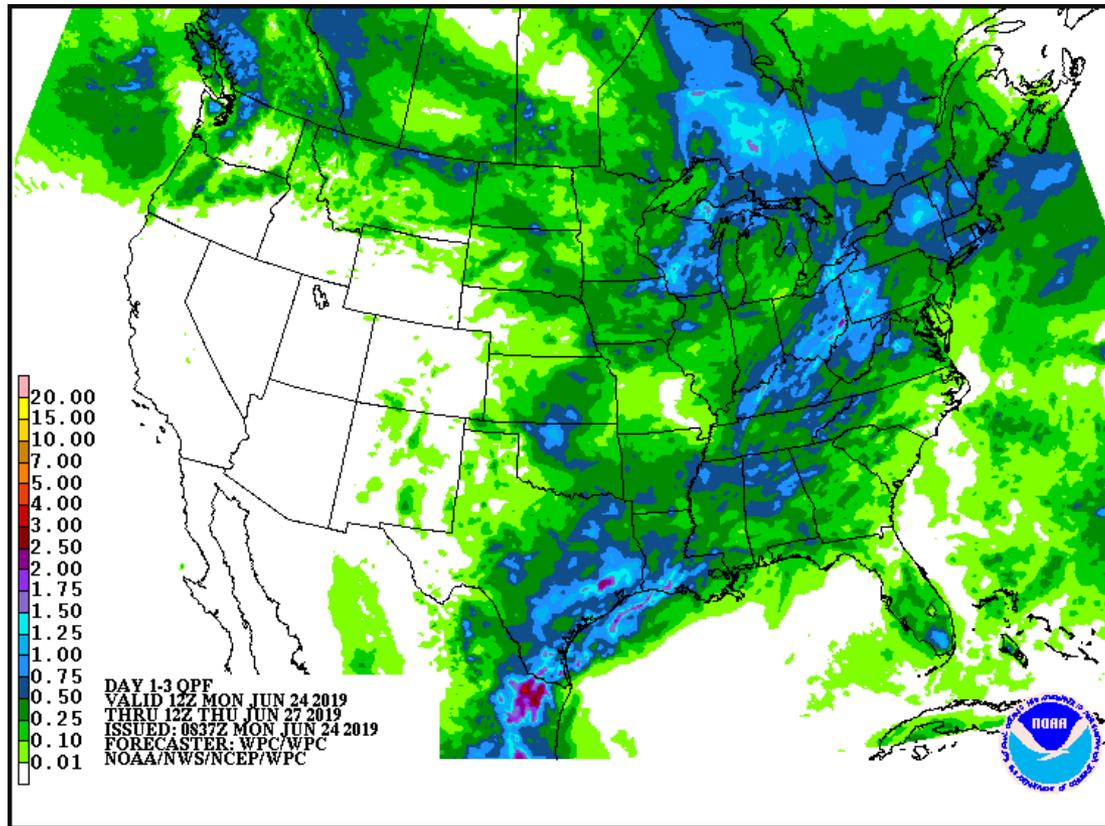
# One-day Total Quantitative Precipitation Forecast (QPF)





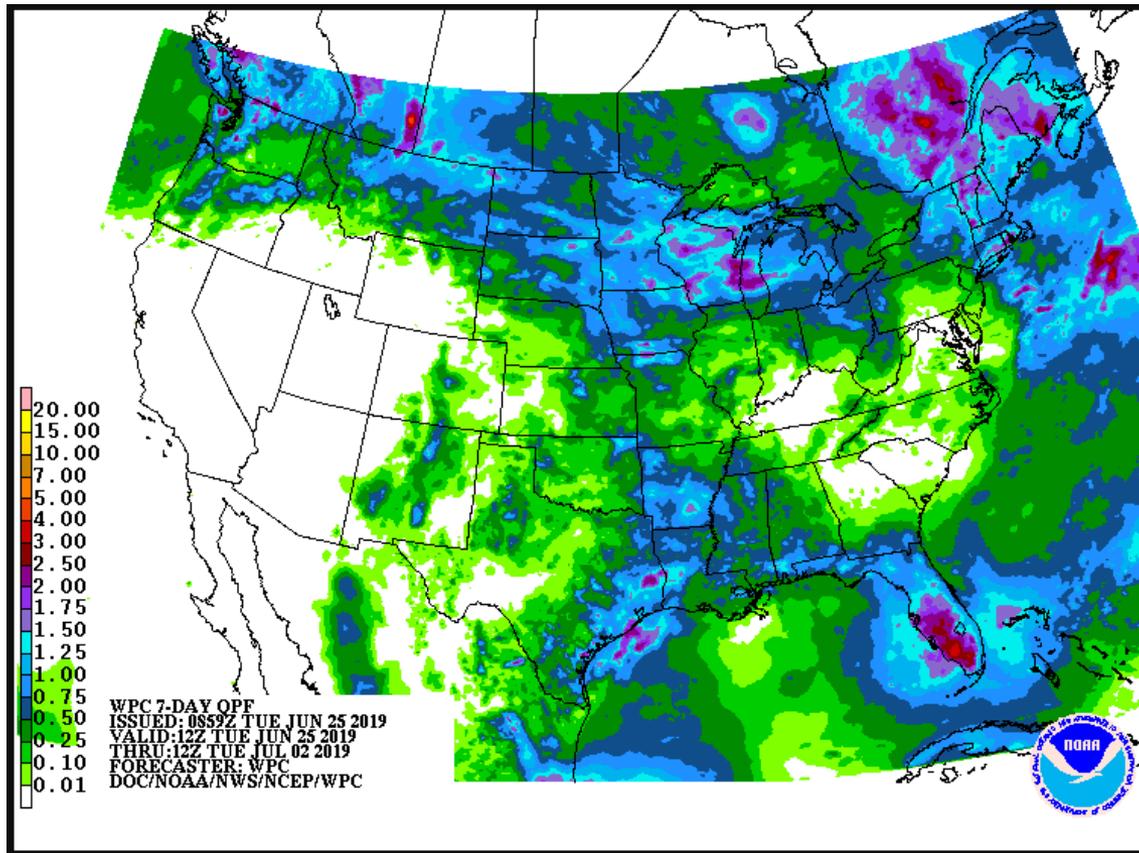
**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

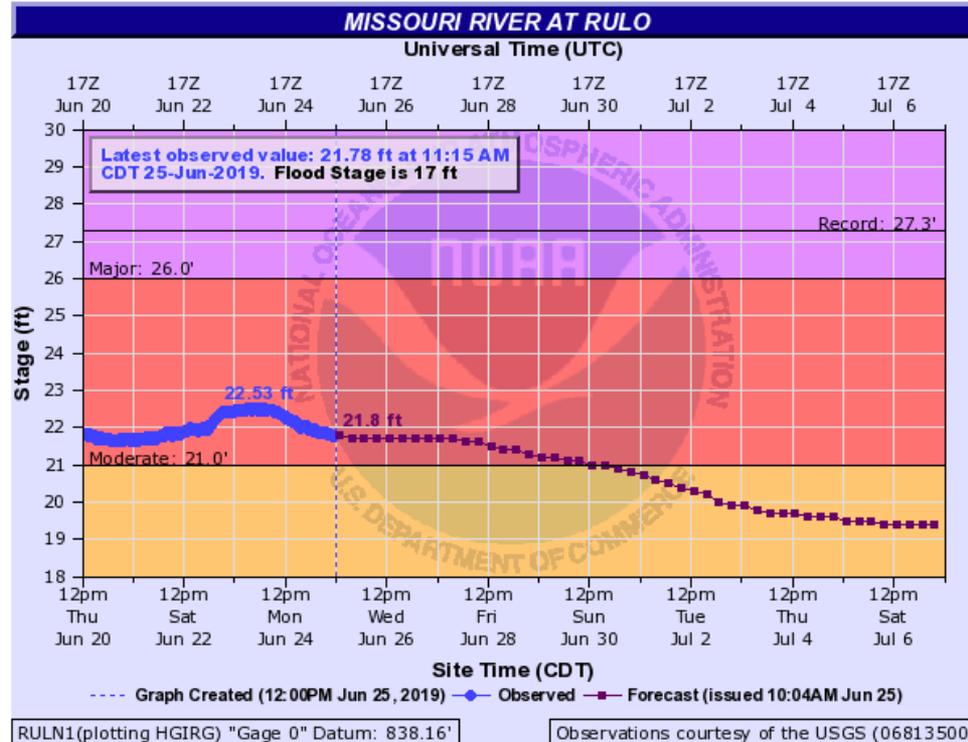
# Three-day Total Quantitative Precipitation Forecast (QPF)



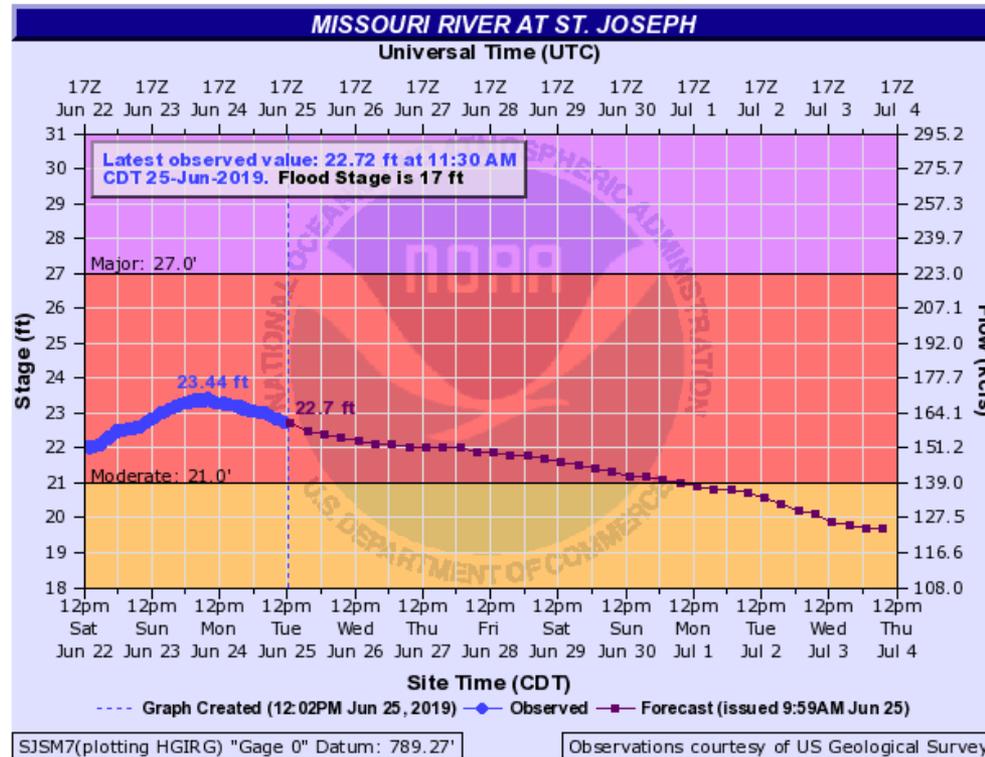


# Seven-day Total Quantitative Precipitation Forecast (QPF)

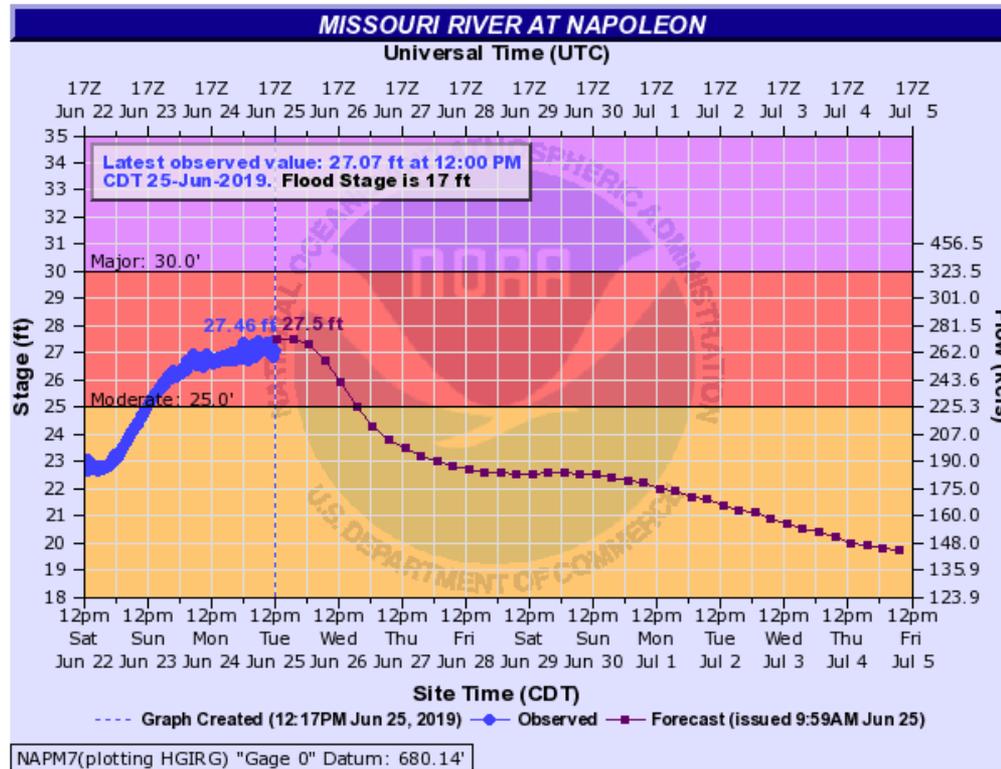




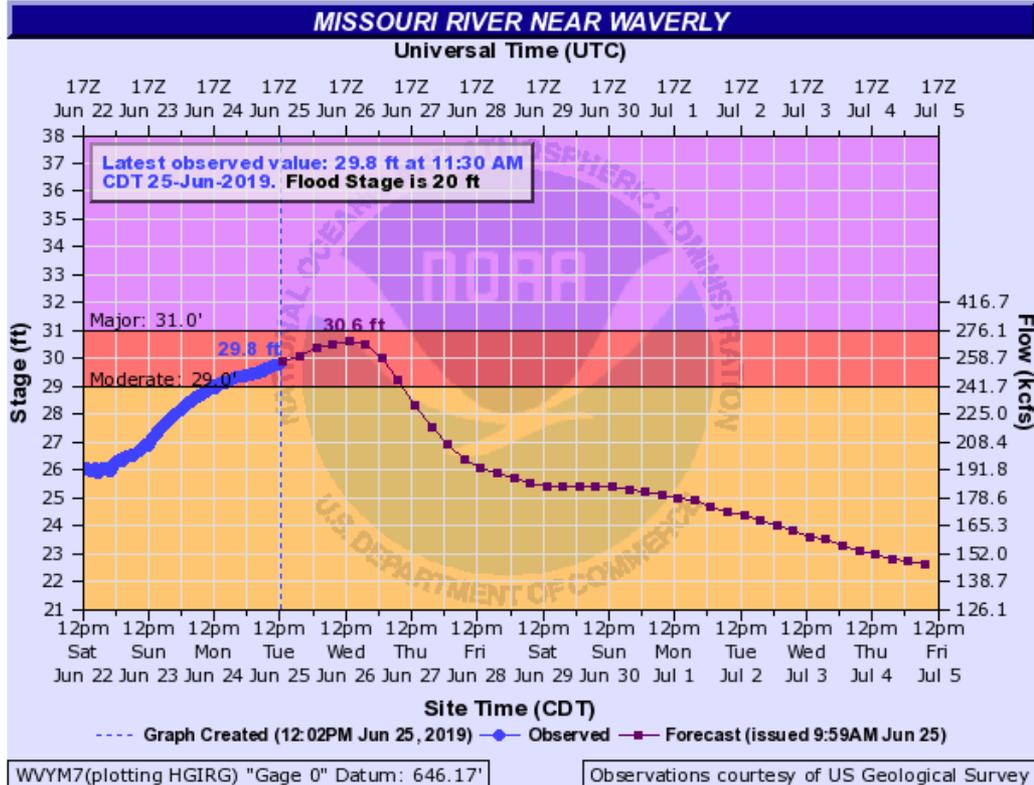
- The Missouri River at Rulo, Nebraska is in moderate flood stage at 21.8 feet and is forecast to remain in moderate flood stage until next weekend.
- Moderate flood stage at Rulo is 21.0 feet.
- [Flood impacts at Rulo](#)



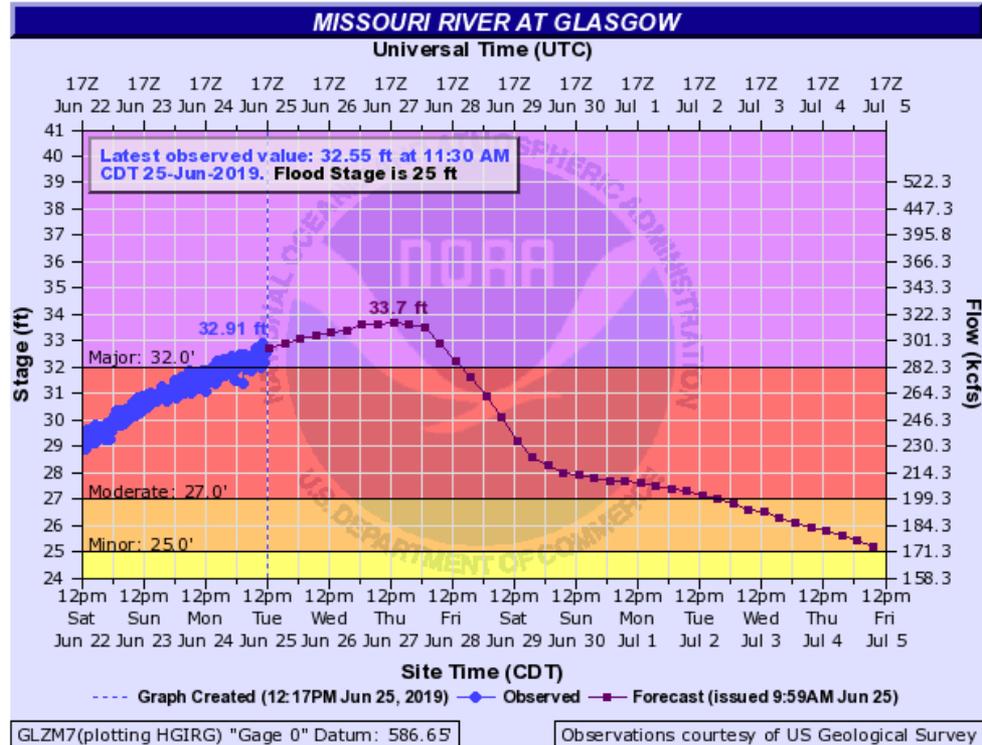
- The Missouri River at St. Joseph has crested in moderate flood stage and is receding.
- Moderate flood stage at St. Joseph occurs at 21.0 feet, and major flood stage occurs at 27.0 feet.
- [Flood impacts at St. Joseph](#)



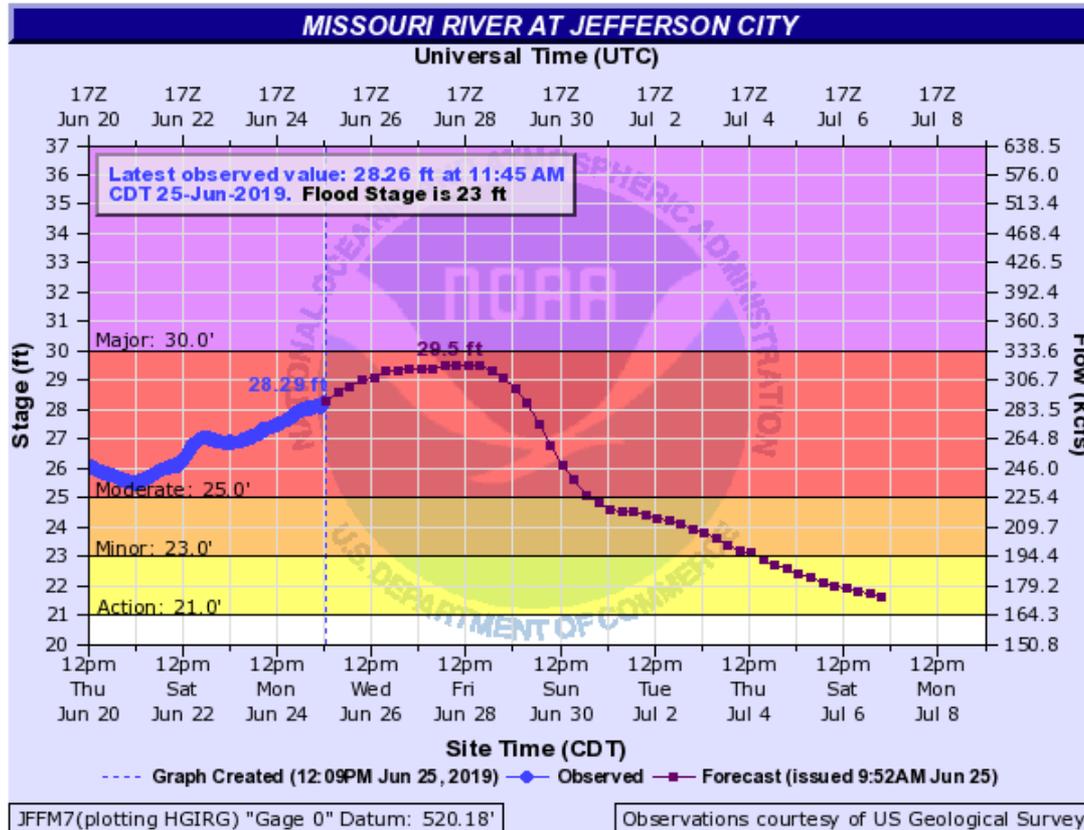
- The Missouri River at Napoleon is cresting in moderate flood stage at 27 feet.
- Moderate flood stage at Napoleon occurs at 25.0 feet.
- [Flood impacts at Napoleon](#)



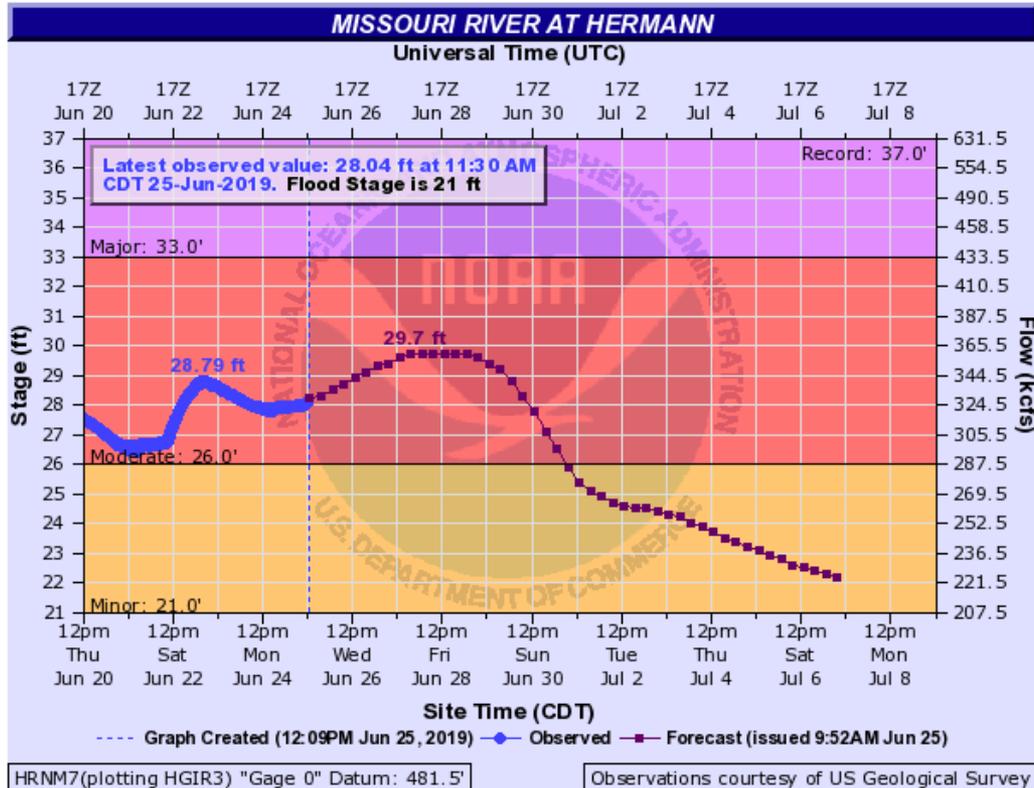
- The Missouri River near Waverly is forecast to crest in moderate flood stage at 30.6 feet over next few days.
- Moderate flood stage near Waverly occurs at 29.0 feet.
- [Flood impacts near Waverly](#)



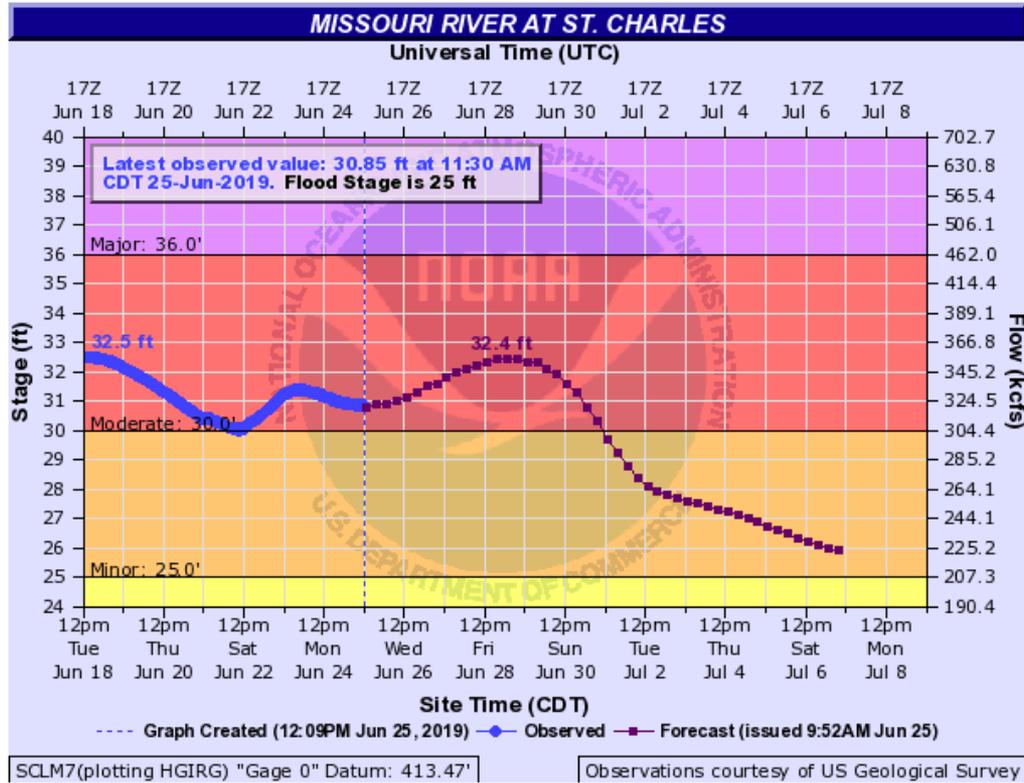
- The Missouri River at Glasgow is forecast to rise into major flood stage at 33.9 feet during the rest of this week.
- Major flood stage at Glasgow occurs at 32.0 feet.
- [Flood impacts at Glasgow](#)



- The Missouri River at Jefferson City is forecast to rise to just below major flood stage at 29 feet over next few days.
- Moderate flood stage at Jefferson City occurs at 25.0 feet, and major flood stage occurs at 30.0 feet.
- [Flood impacts at Jefferson City](#)



- The Missouri River at Hermann is forecast to crest in moderate flood stage at 29 feet in the next few days.
- Major flood stage at Hermann occurs at 33.0 feet.
- [Flood impacts at Hermann](#)



- The Missouri River at St. Charles is in moderate flood stage and forecast to rise 2 feet by the end of the week.
- Major flood stage at St. Charles occurs at 36.0 feet.
- [Flood impacts at St. Charles](#)

# 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)