

Missouri Water Resources Center

Missouri River Flood Conditions Report

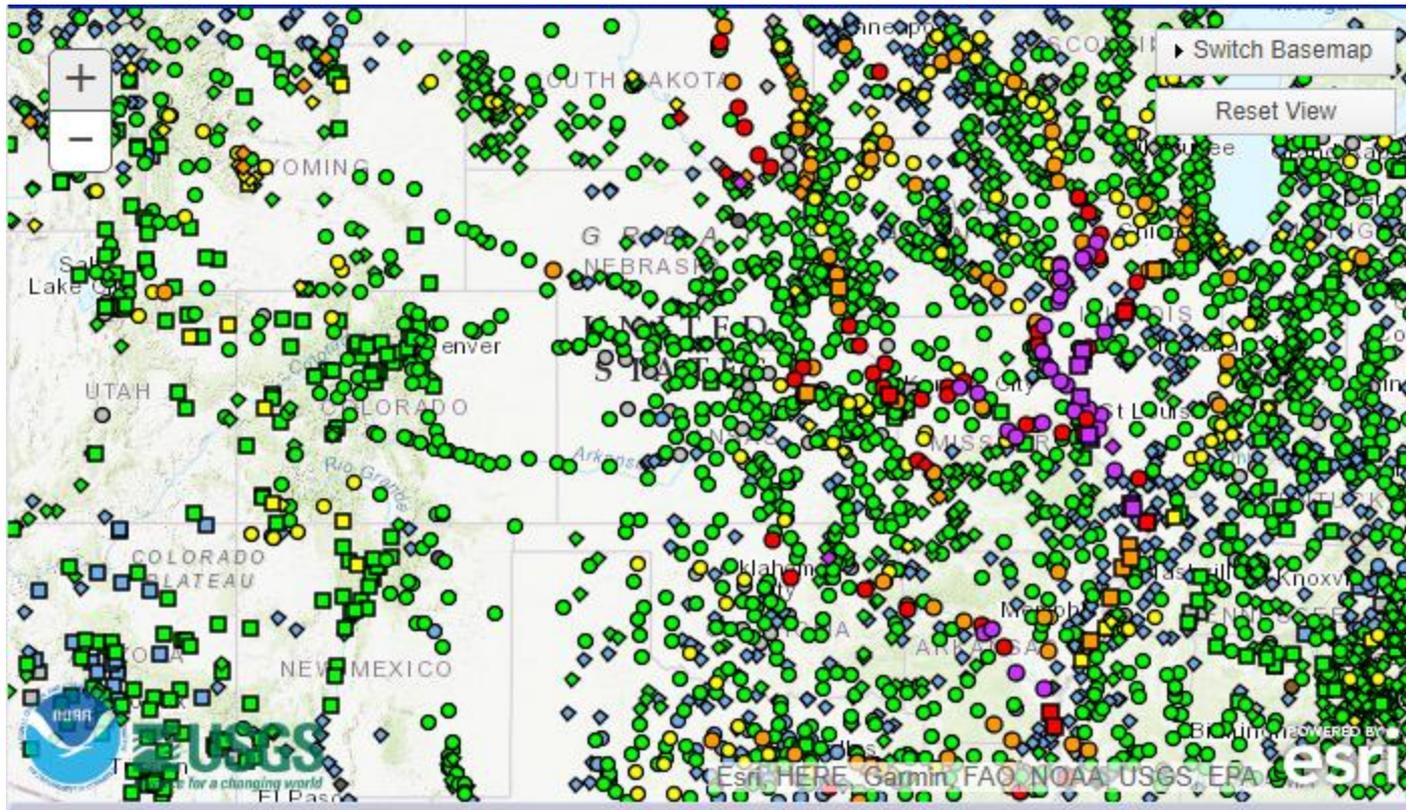
June 8, 2019

Missouri River Flooding Status

- Significant regional and local precipitation has led to increasing river levels on the Missouri River. Several locations below Kansas City have risen to major flood stage. Most locations cresting and are forecast to slowly recede over the next few days.
- 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.
- The regional weather forecast has improved and only moderate scattered precipitation is forecast for the next several days with minor accumulations. While this will help reduce river levels, input from flood reservoir releases is predicted to keep the river relatively high for an extended period.
- 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 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 has recently begun to release water from the 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 approximately 28,000 CFS for Tuttle Creek and 3,600 CFS for Perry.
- Truman Reservoir is releasing approximately 24,000 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 Corps has indicated that they will increase releases if river stages support this addition. 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.



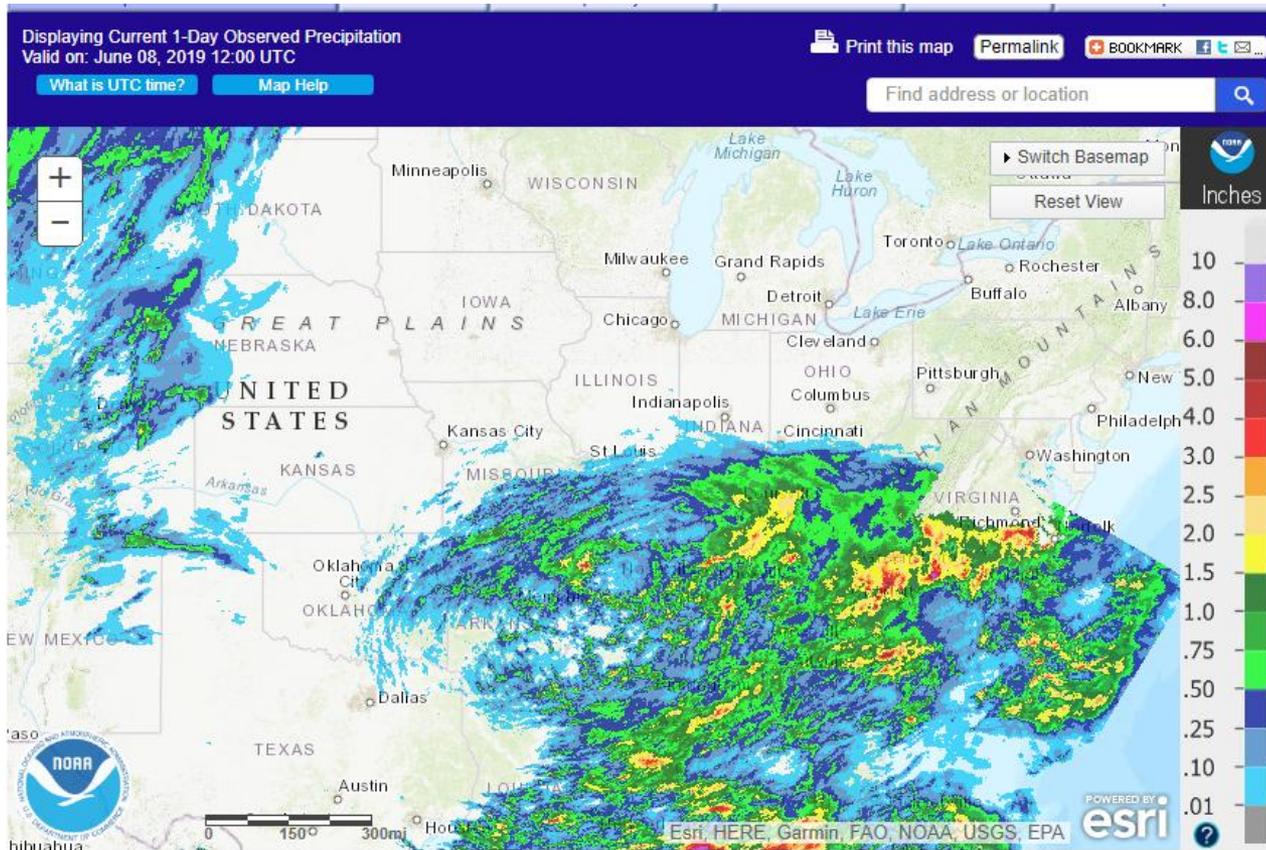
Current River Conditions



□	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

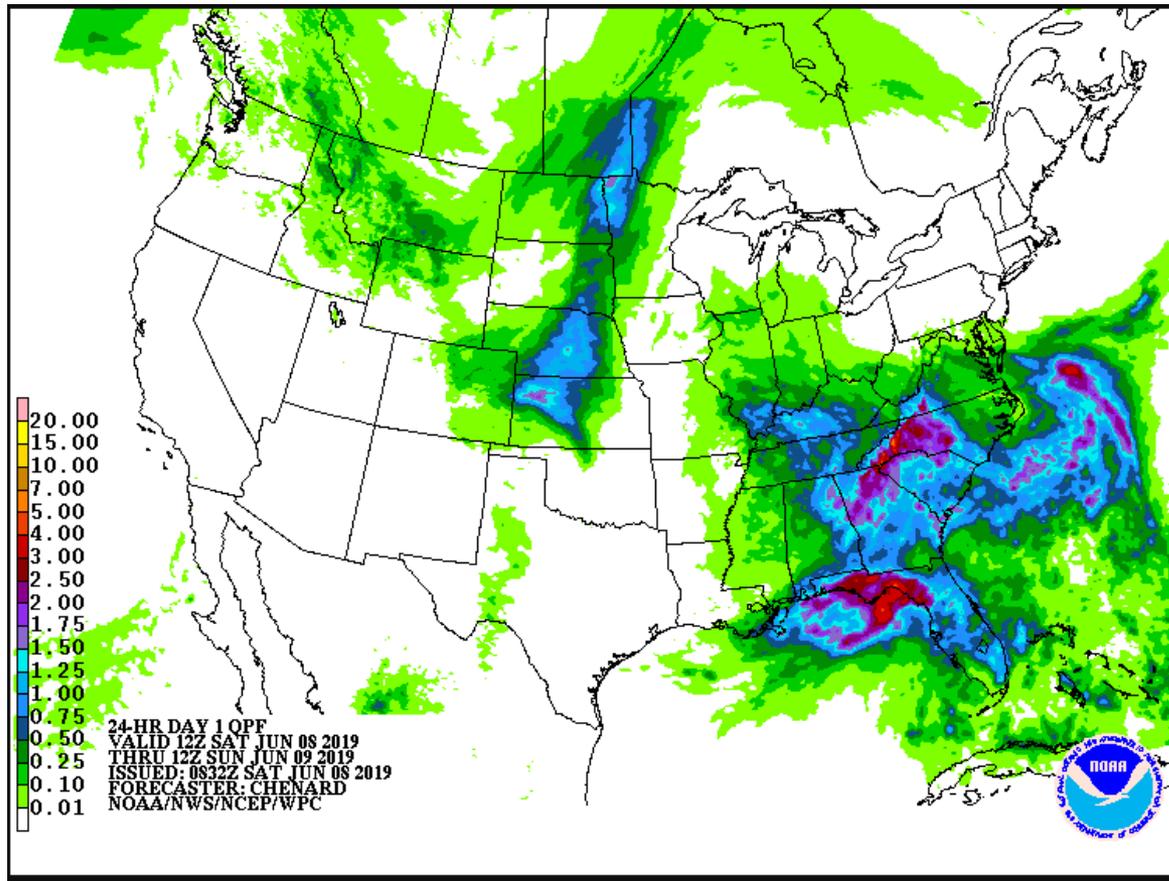


24-hour Observed Precipitation



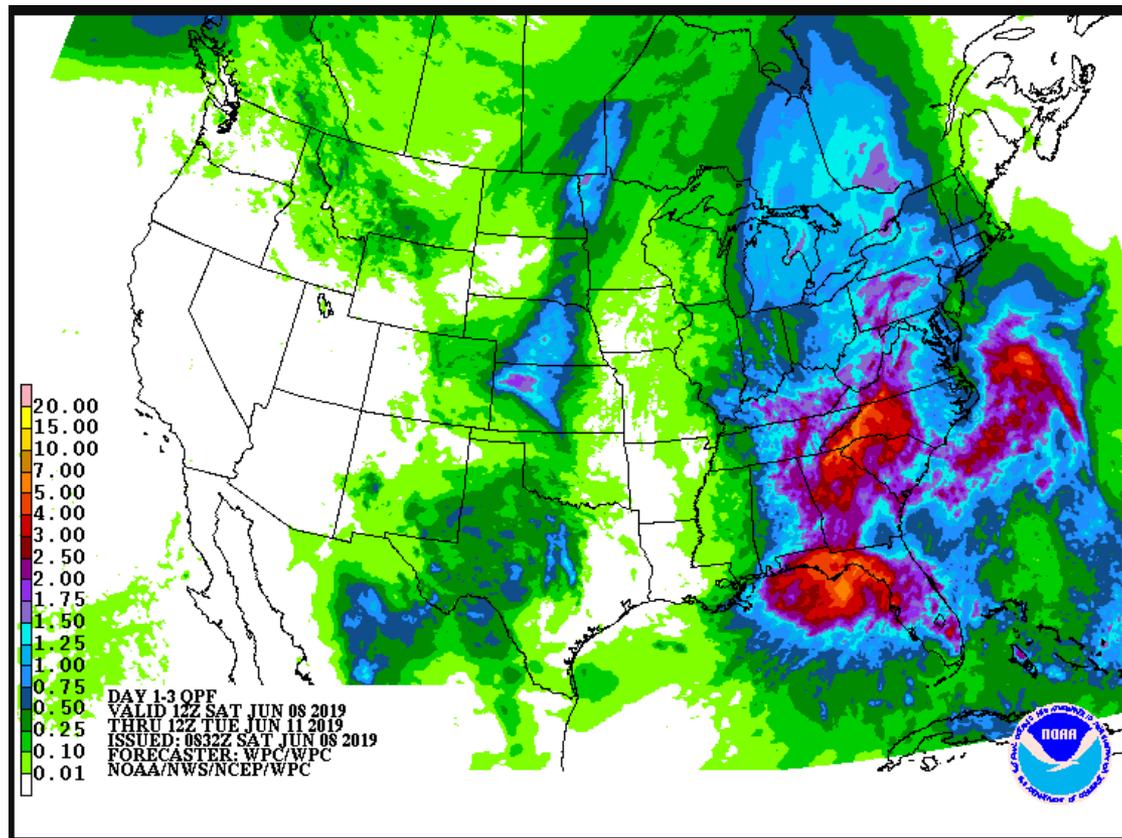


One-day Total Quantitative Precipitation Forecast (QPF)



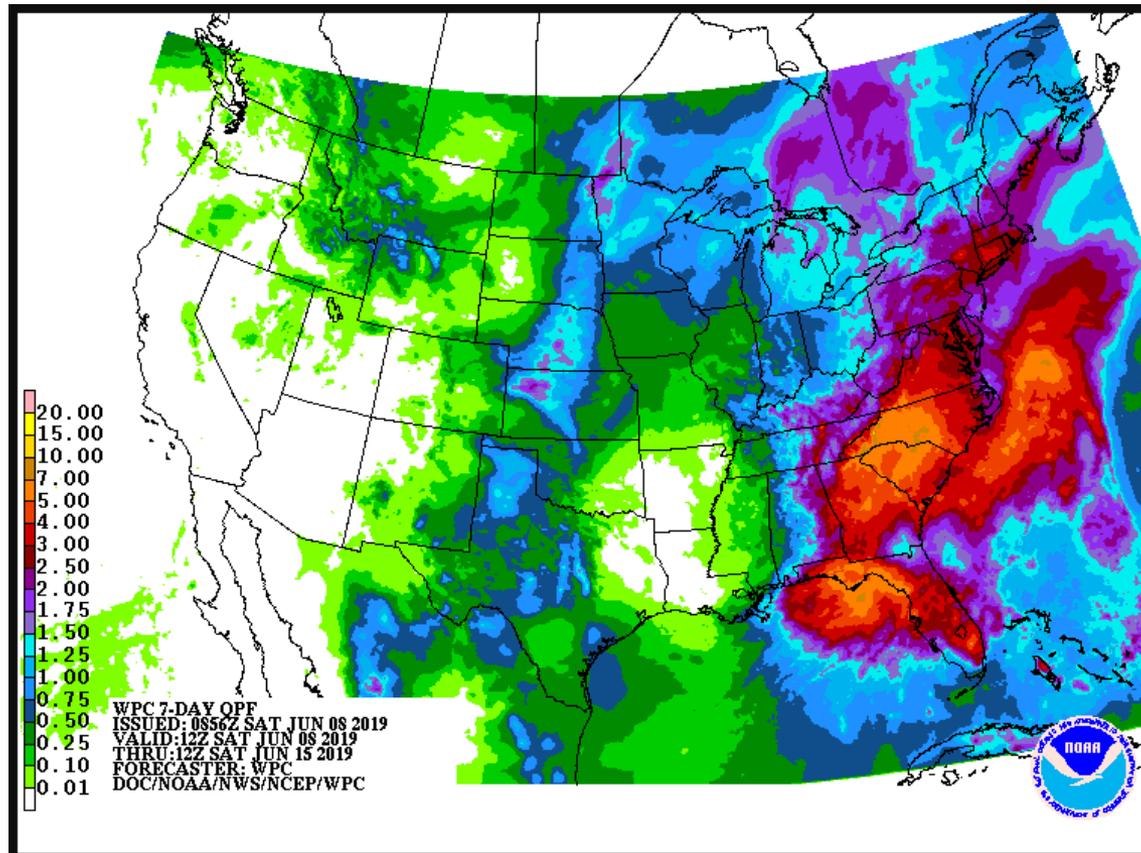


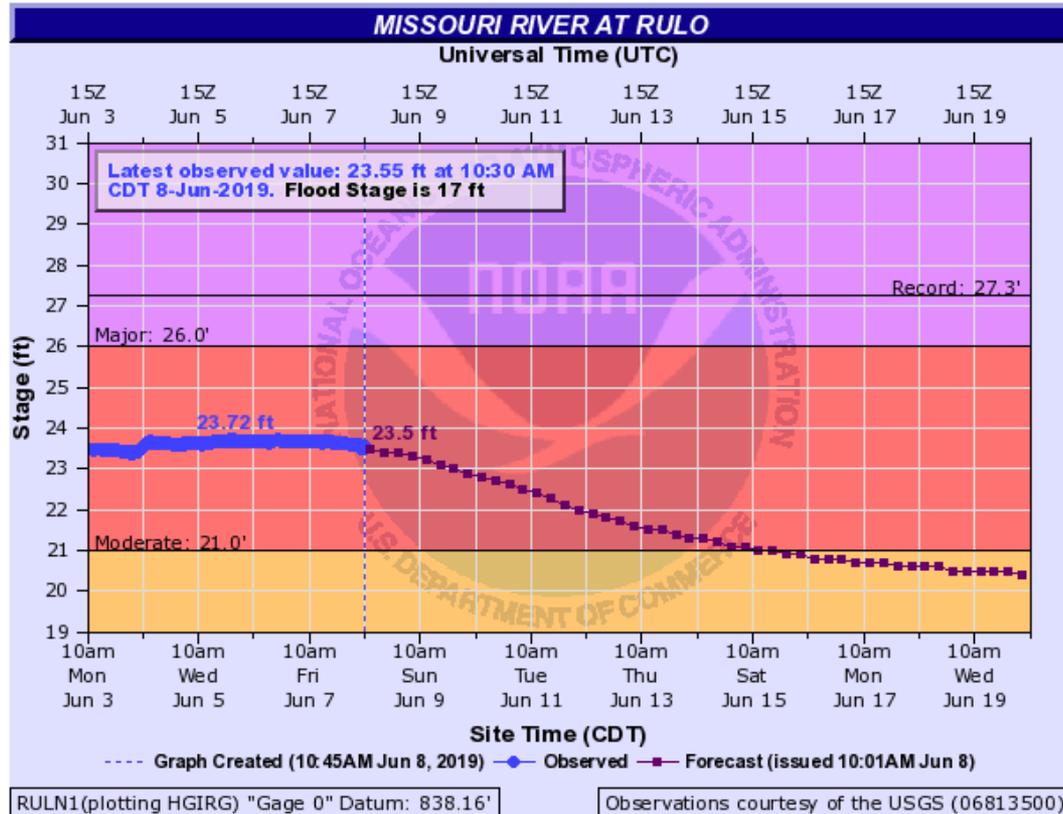
Three-day Total Quantitative Precipitation Forecast (QPF)



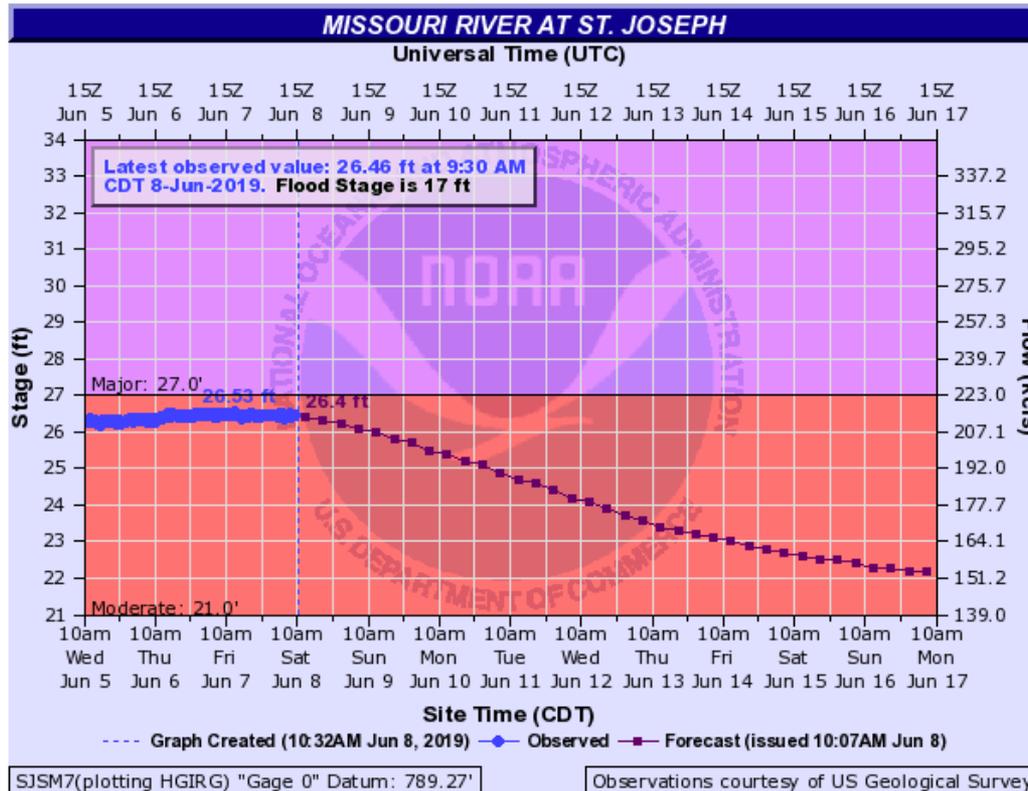


Seven-day Total Quantitative Precipitation Forecast (QPF)

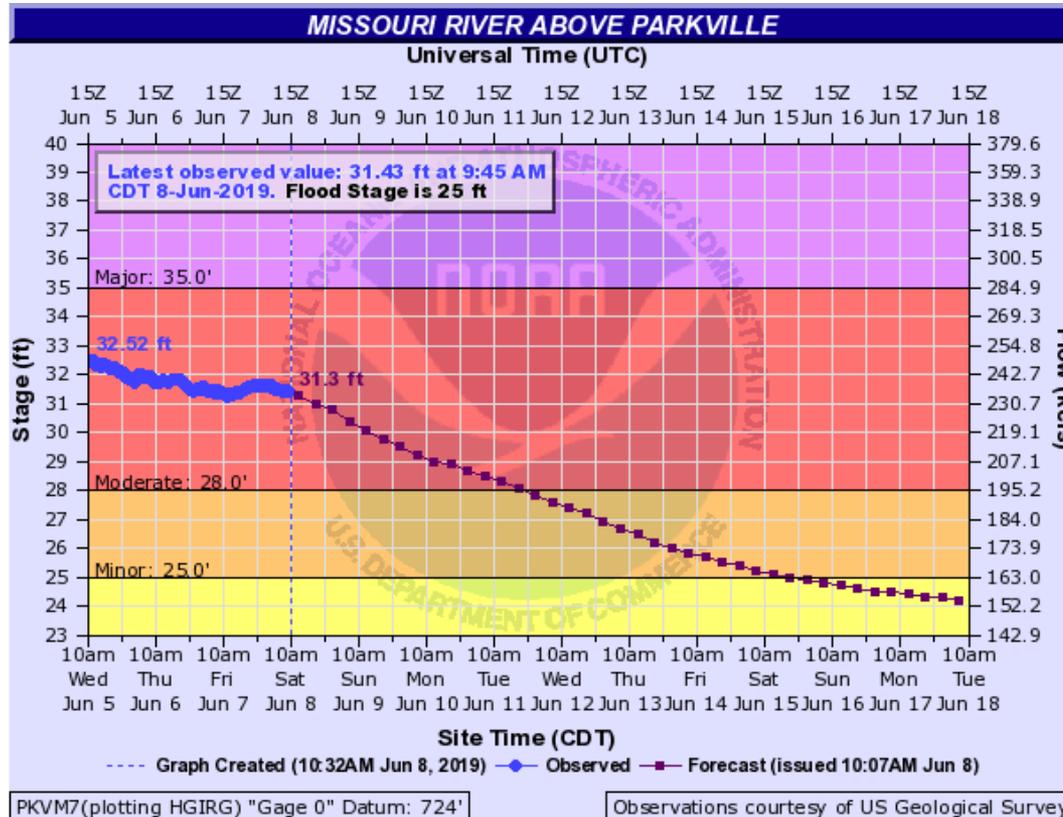




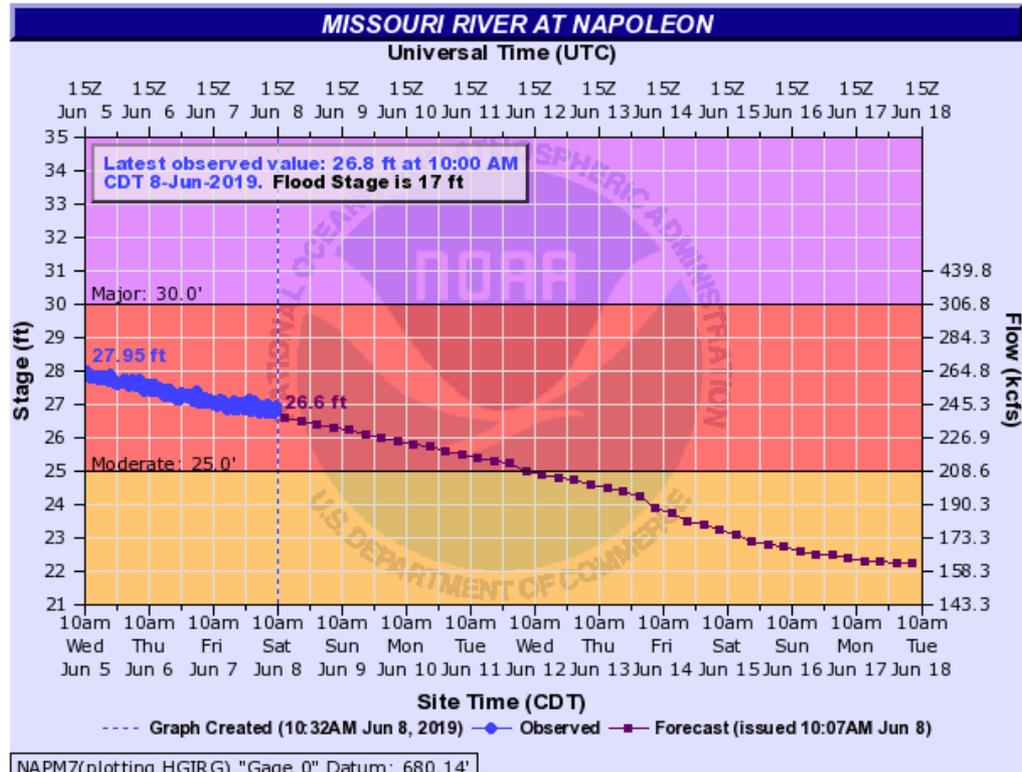
- The Missouri River at Rulo, Nebraska is experiencing an extended crest. It is currently at 23.5 feet and is forecast to remain in moderate flood stage throughout the forecast period.
- Moderate flood stage at Rulo is 21.0 feet.
- [Flood impacts at Rulo](#)



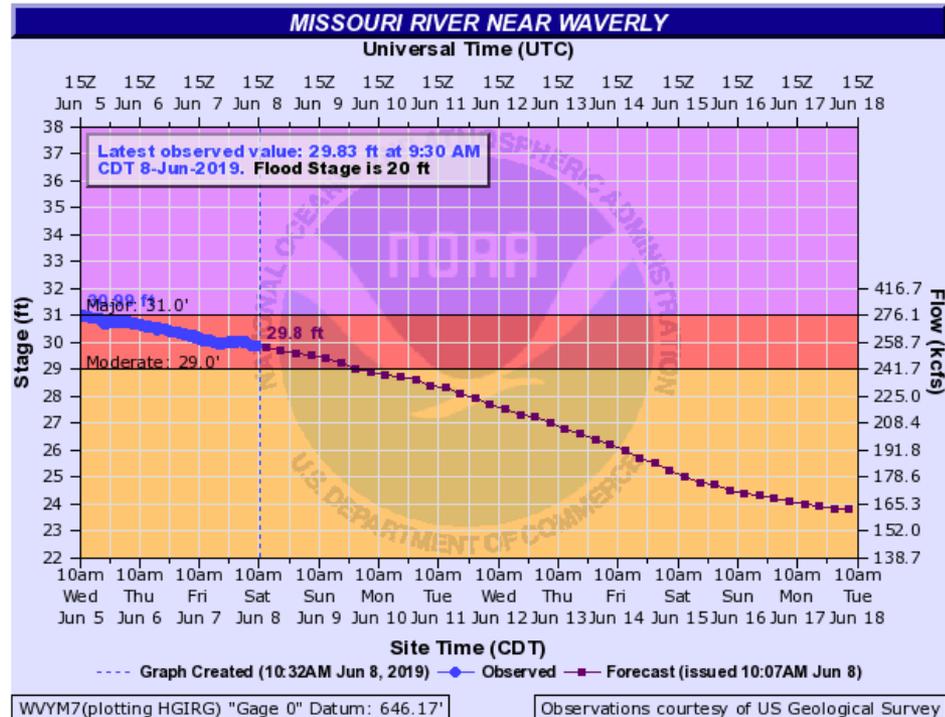
- The Missouri River at St. Joseph has experienced an extended crest. It is currently at 26.4 feet in moderate flood stage and is forecast to begin receding.
- Moderate flood stage at St. Joseph occurs at 21.0 feet, and major flood stage occurs at 27.0 feet.
- [Flood impacts at St. Joseph](#)



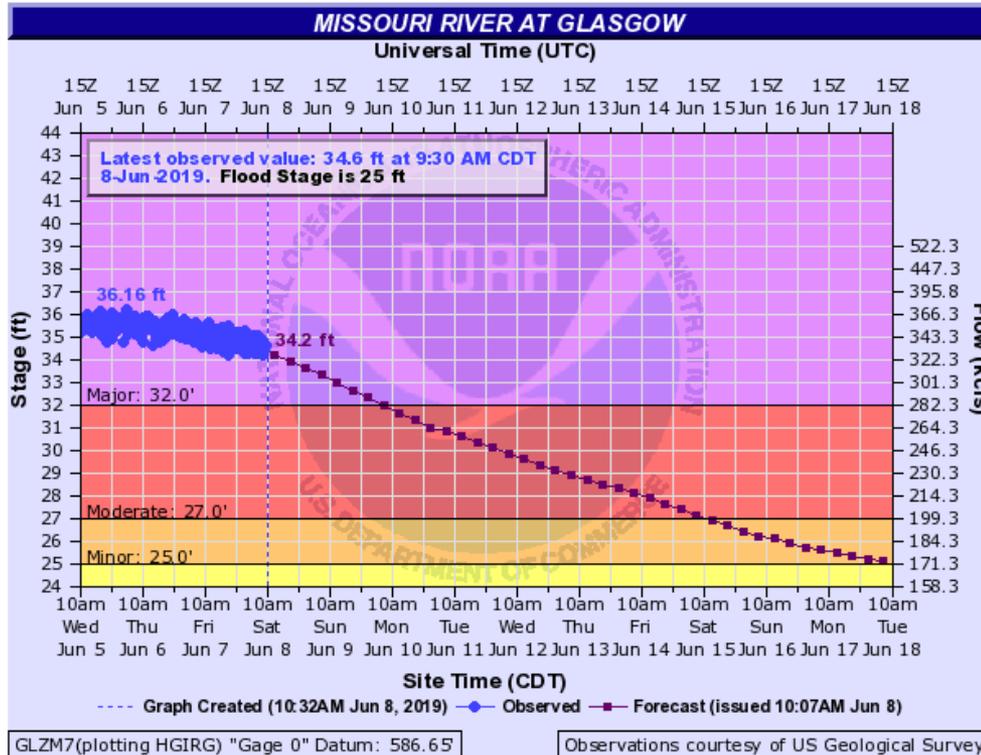
- The Missouri River above Parkville is currently at 31.3 feet in moderate flood stage and receding.
- Moderate flood stage above Parkville occurs at 28.0 feet.
- [Flood impacts above Parkville](#)



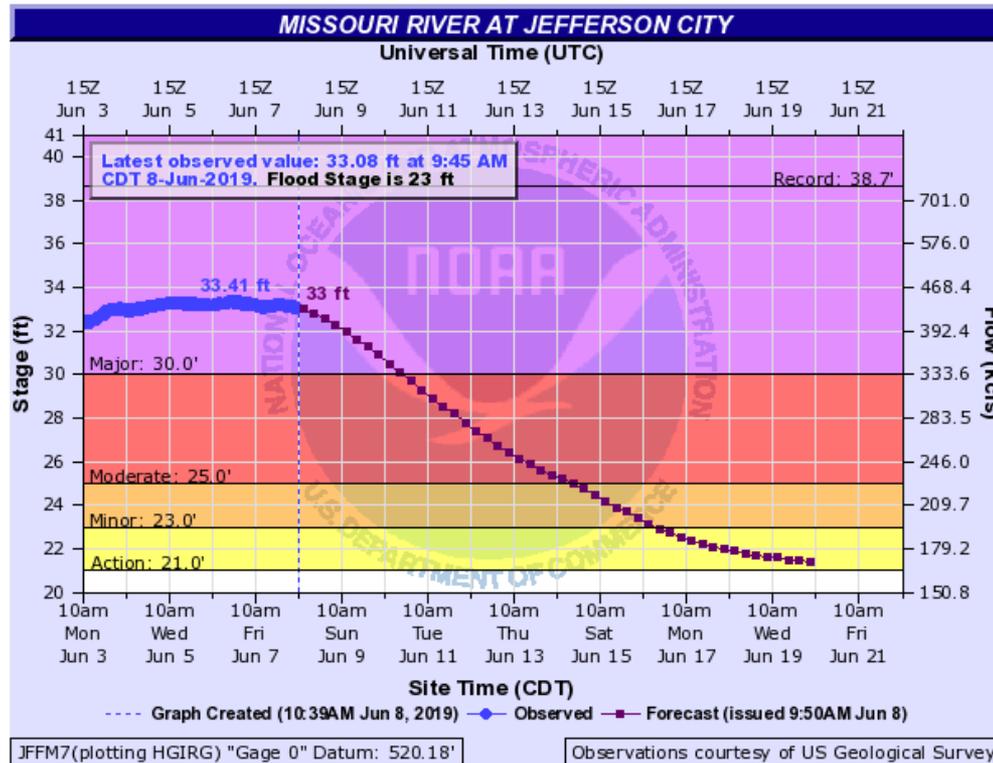
- The Missouri River at Napoleon is currently at 26.6 feet in moderate flood stage and is receding.
- Major flood stage at Napoleon occurs at 25.0 feet, and major flood stage occurs at 30.0 feet.
- [Flood impacts at Napoleon](#)



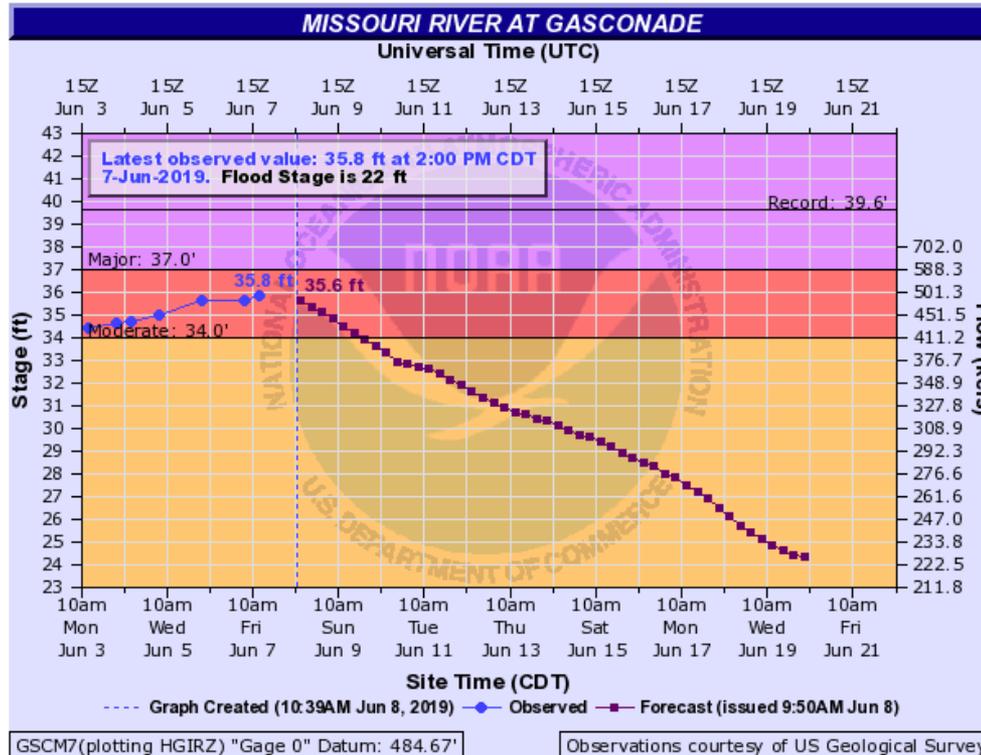
- The Missouri River near Waverly is currently at 29.8 feet in moderate flood stage and is receding.
- Major flood stage near Waverly occurs at 31.0 feet and moderate flood stage occurs at 29.0 feet.
- [Flood impacts near Waverly](#)



- The Missouri River at Glasgow is in major flood stage at 34.2 feet and is receding.
- Major flood stage at Glasgow occurs at 32.0 feet.
- [Flood impacts at Glasgow](#)



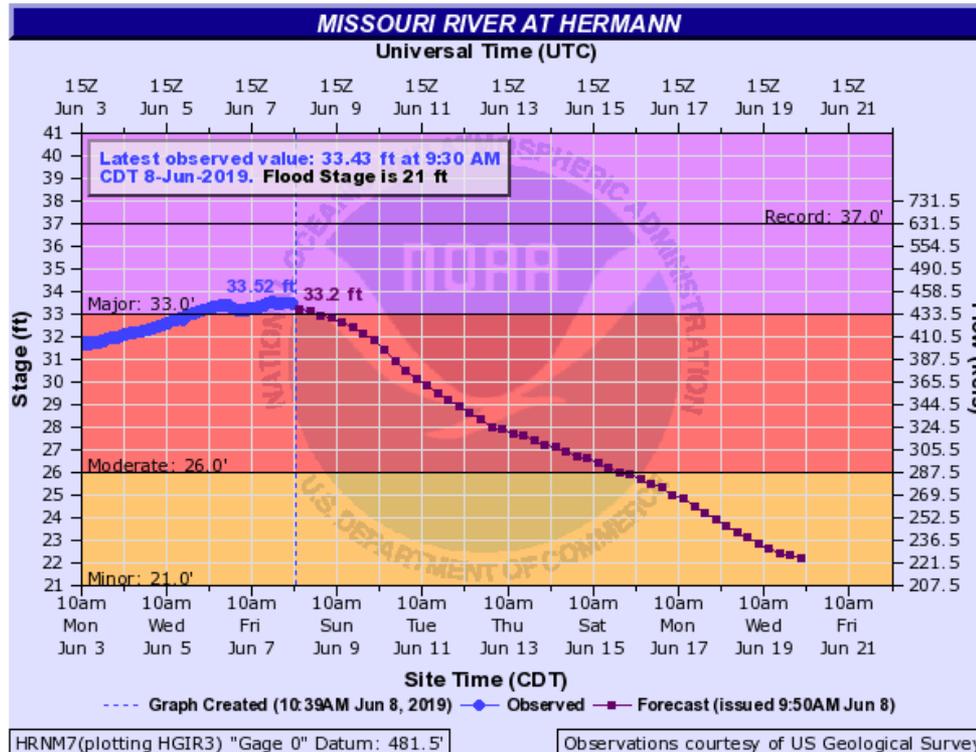
- The Missouri River at Jefferson City is cresting in major flood stage at 33 feet and is forecast to begin receding.
- Major flood stage at Jefferson City occurs at 30.0 feet.
- [Flood impacts at Jefferson City](#)



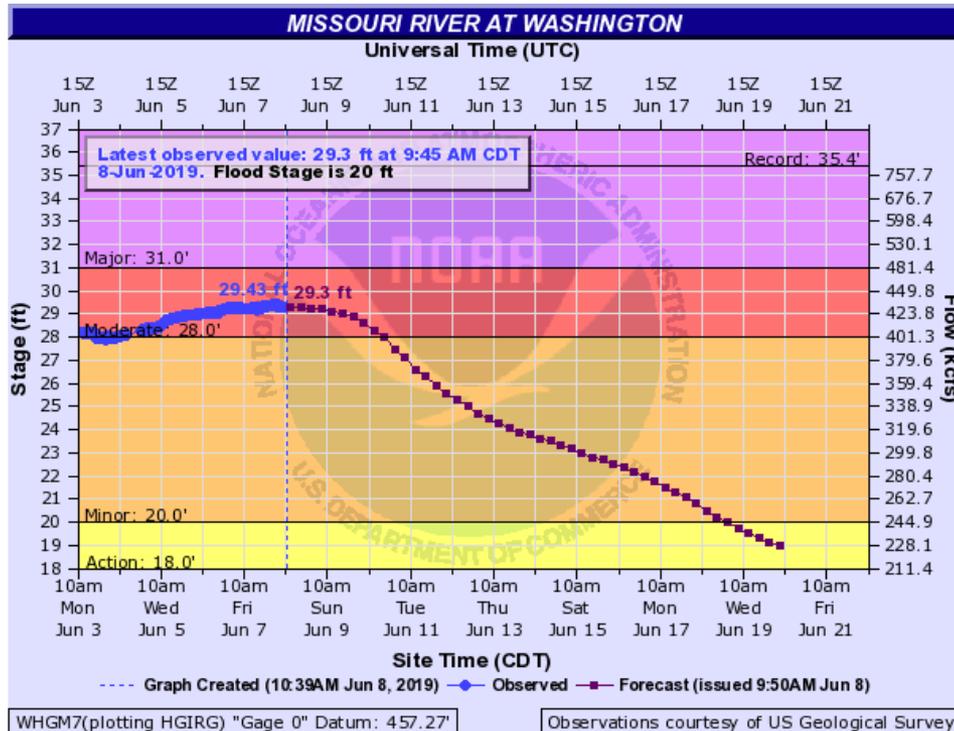
- The Missouri River at Gasconade is in moderate flood stage at 35.6 feet and is forecast to begin receding.
- Moderate flood stage at Gasconade occurs at 34.0 feet. Major flood stage occurs at 37.0 feet.
- [Flood impacts at Gasconade](#)



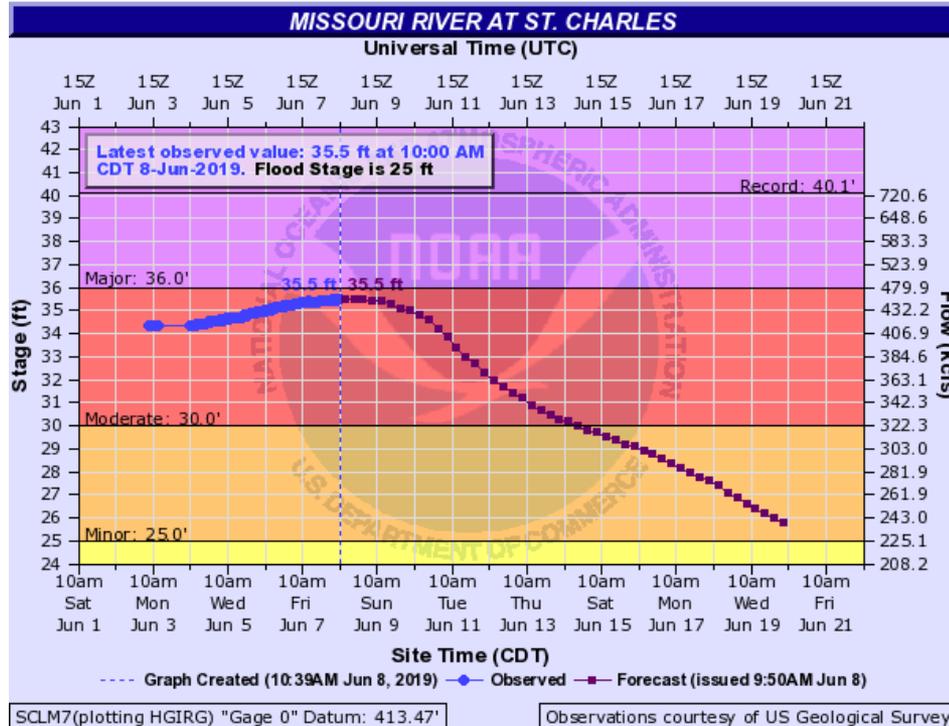
MISSOURI DEPARTMENT OF NATURAL RESOURCES



- The Missouri River at Hermann is cresting in major flood stage at 33.2 feet and is forecast to begin receding.
- Major flood stage at Hermann occurs at 33.0 feet.
- [Flood impacts at Hermann](#)



- The Missouri River at Washington is in moderate flood stage at 29.3 feet and is forecast to crest over the next two days in moderate flood stage.
- Moderate flood stage at Washington occurs at 28.0 feet.
- [Flood impacts at Washington](#)



- The Missouri River at St. Charles is in moderate flood stage at 35.5 feet and is forecast to crest over the next two days at just below major flood stage.
- [Flood impacts for 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