



Missouri Water Resources Center

Missouri River Flood Conditions Report

May 28, 2019

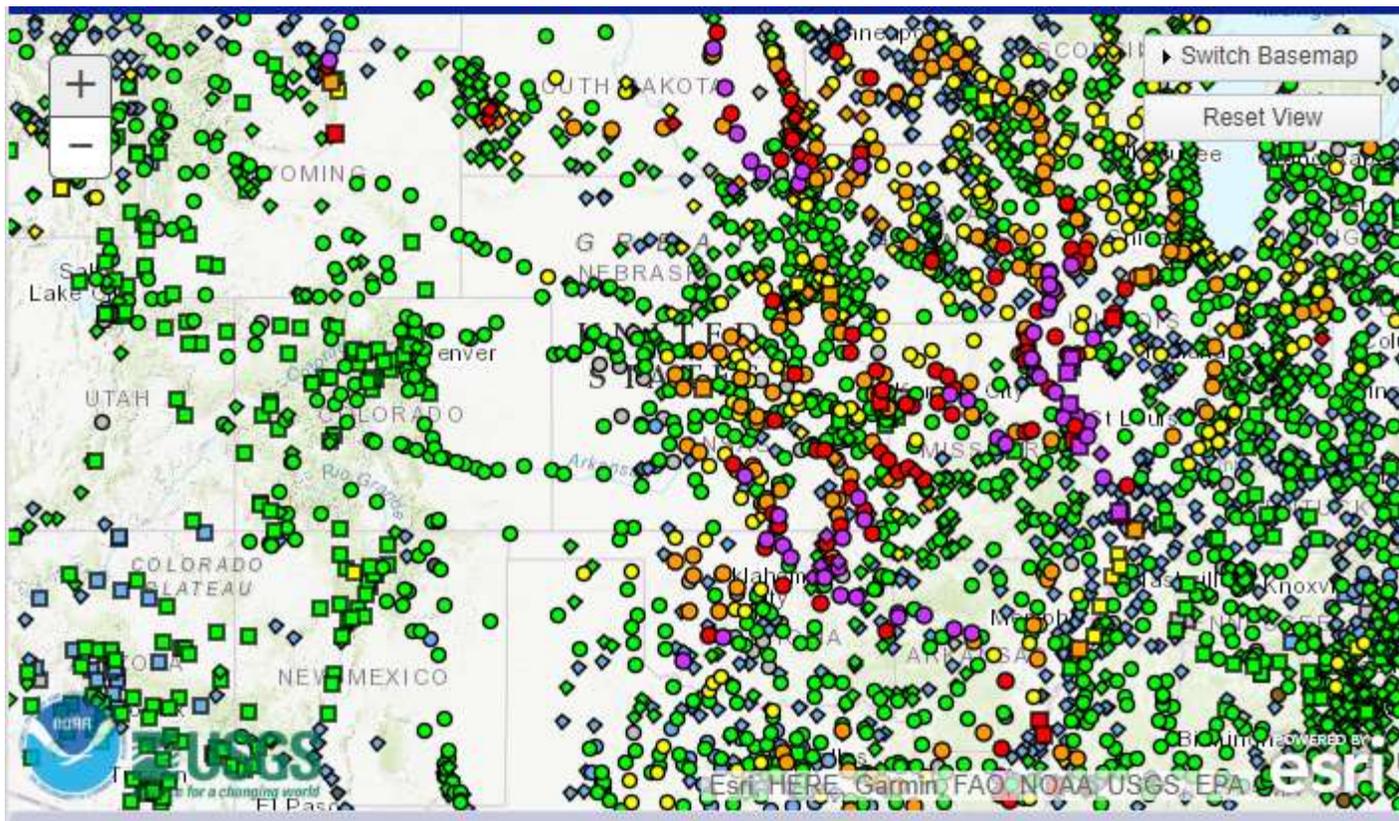


MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Major Flood Levels Forecast for Relevant Sectors of the Missouri River

- 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, with an extended crest predicted over the next several days.
- South central Iowa is forecast to receive as much as four inches of precipitation over the next seven days. Portions of Missouri are expected to receive as much as two inches in that same time period, with concentrations in the southwest sector of the state.
- Due to cumulative precipitation from this wet spring, Missouri River mainstem reservoirs are well into their flood control pools. To manage pool levels at Oahe and Fort Randall dams, the Corps is increasing releases from Gavins Point Dam from 60,000 CFS to 70,000 CFS. The Corps has indicated they will need to retain elevated releases for an extended time.
- Precipitation has also been concentrated across portions of Kansas that drain into the Missouri River, where flood control reservoirs are nearing capacity. The Corps has begun to release water from the Perry Lake reservoir and is currently at 10,000 CFS. Perry Lake drains into the Kansas River and enters the Missouri River at Kansas City.
- Thunderstorms and potential severe weather will remain in the forecast for most portions of the state.
- Note that NWS river forecasting is currently only incorporating 24-hour precipitation forecasts. Future precipitation could increase river levels from the forecasts shown below.

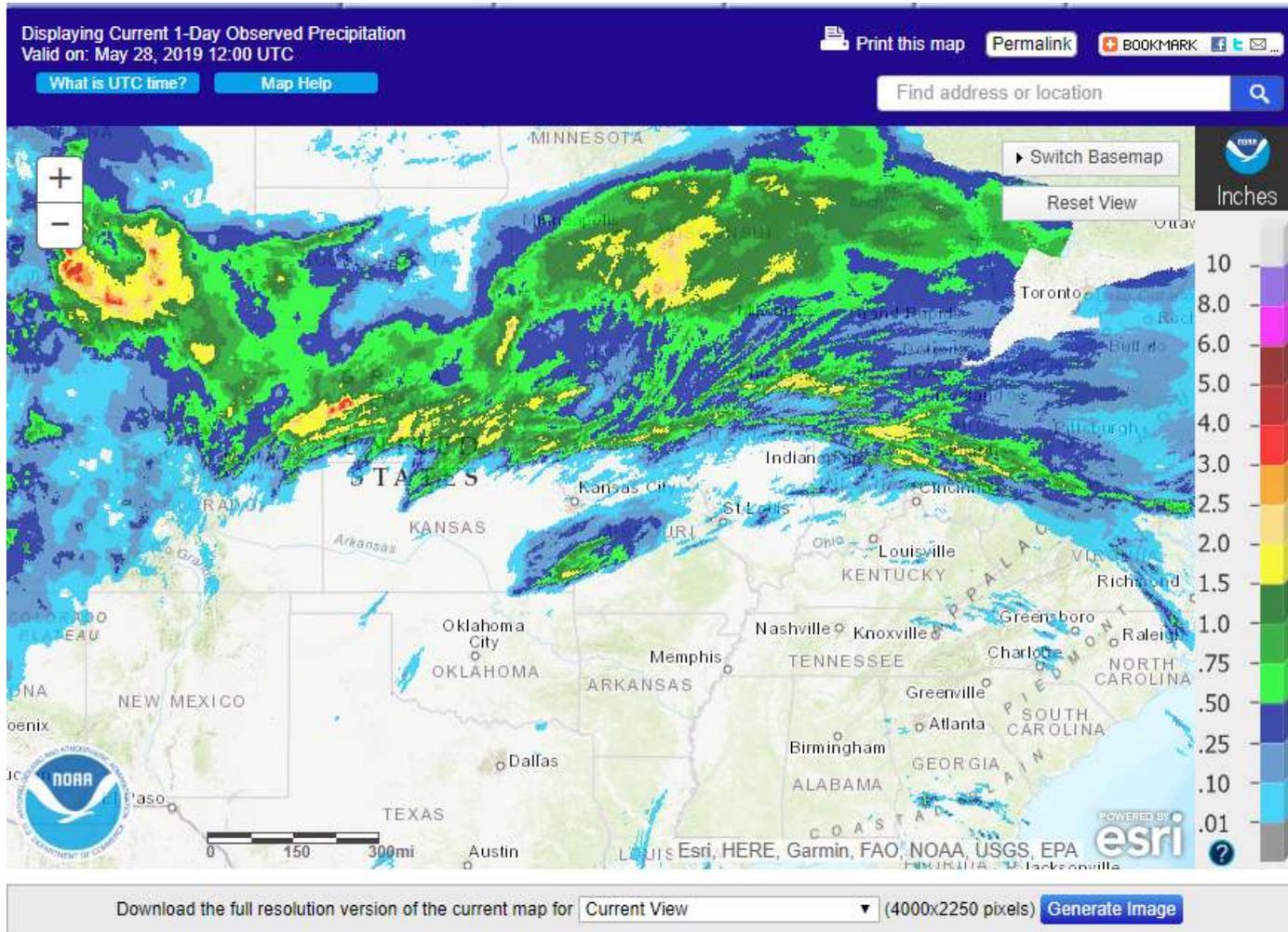
Regional River Gage Status



	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



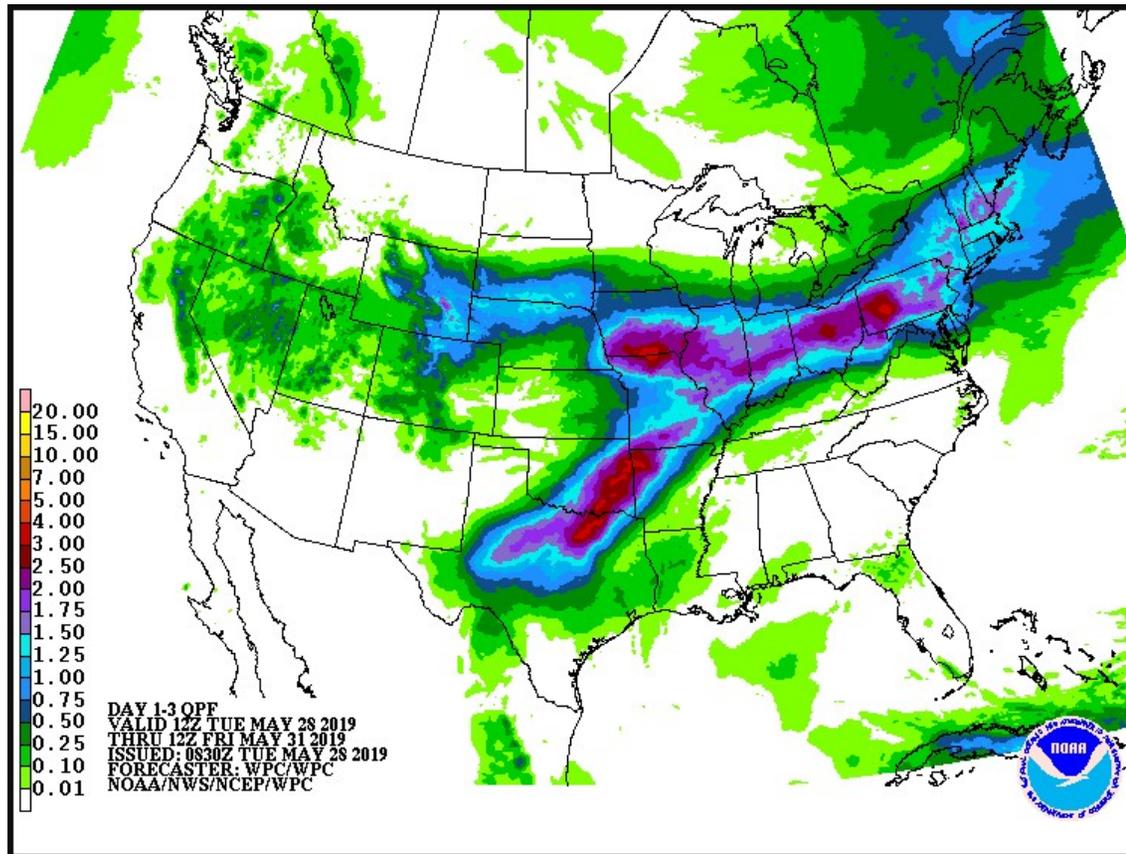
24-hour Observed Precipitation





MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

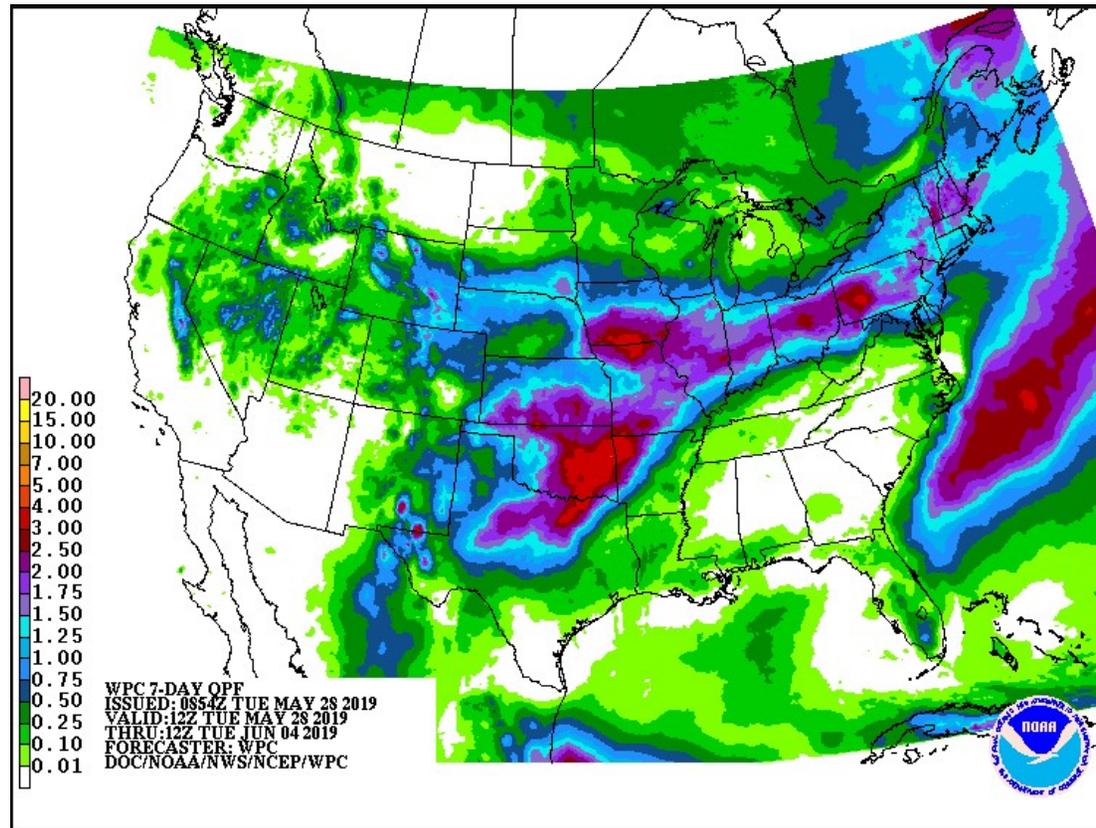
Three-day Total Quantitative Precipitation Forecast (QPF)

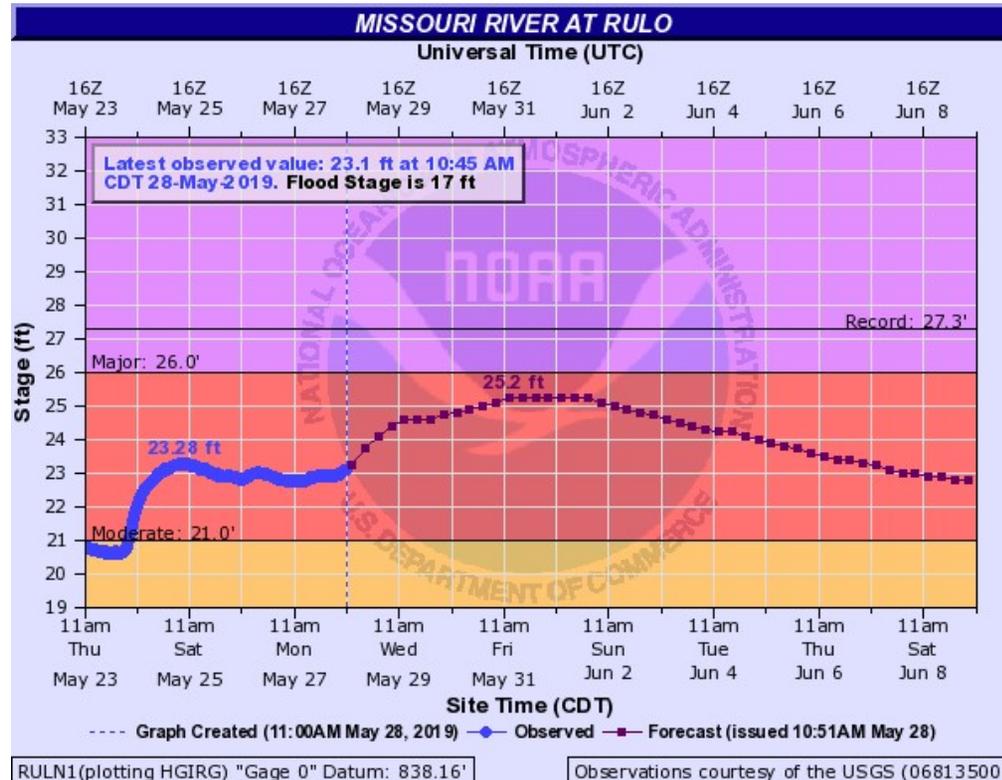




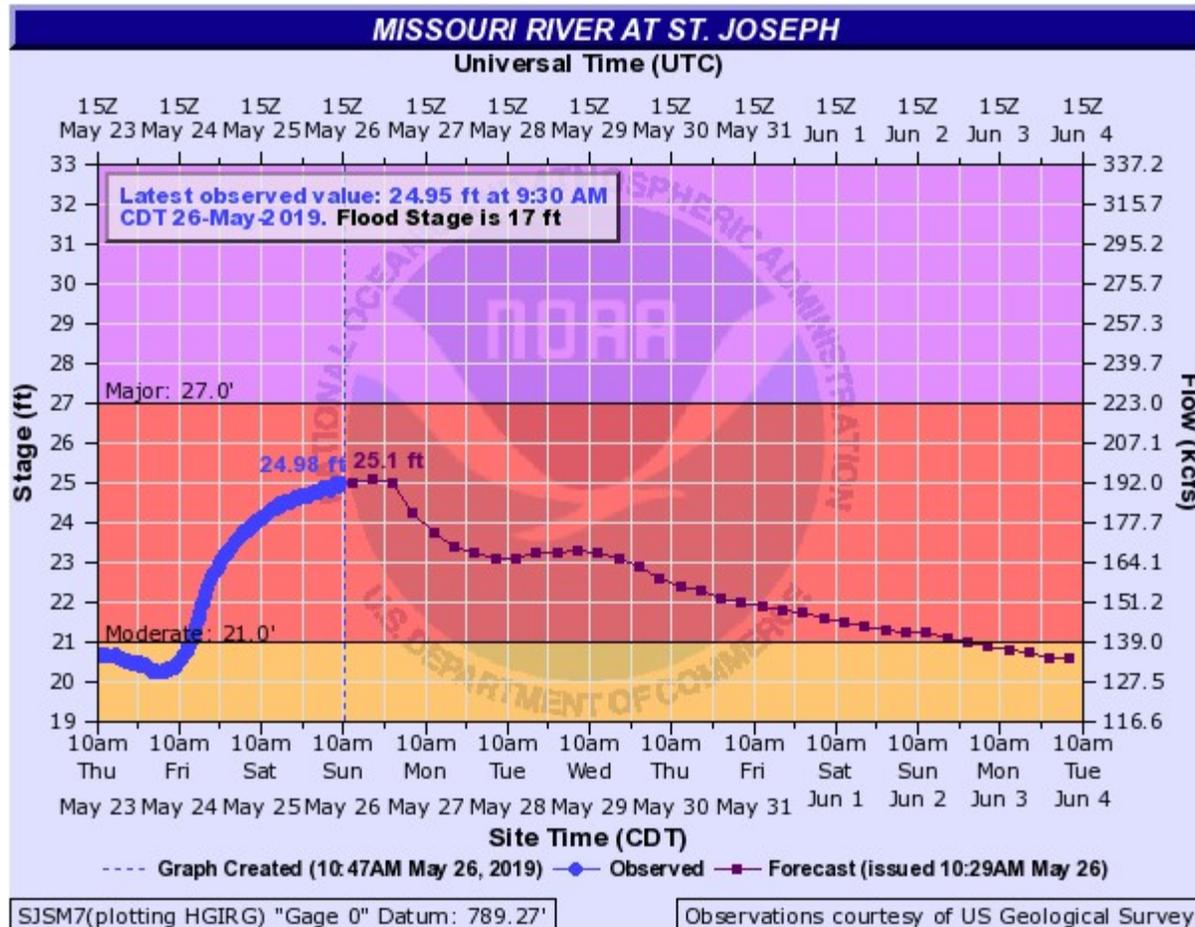
MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Seven-day Total Quantitative Precipitation Forecast (QPF)





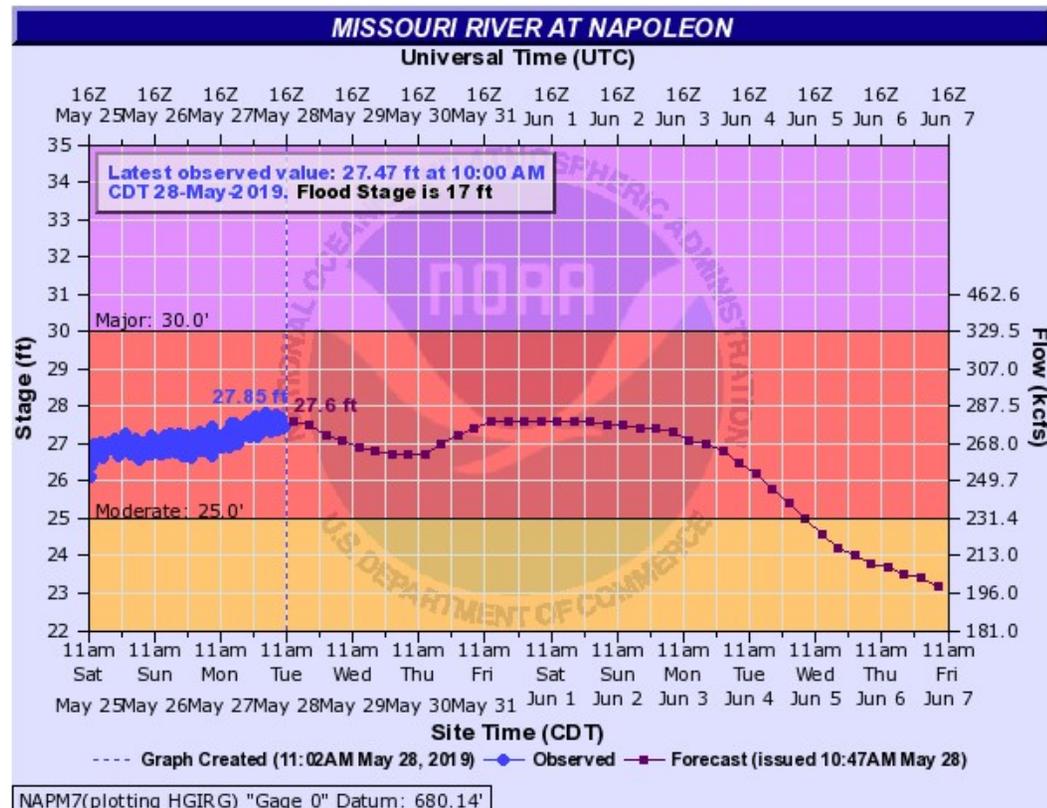
- The Missouri River at Rulo, Nebraska is forecast to rise to 25.2 feet and remain in moderate flood stage the rest of the week.
- Moderate flood stage at Rulo is 21.0 feet.
- [Flood impacts at Rulo](#)



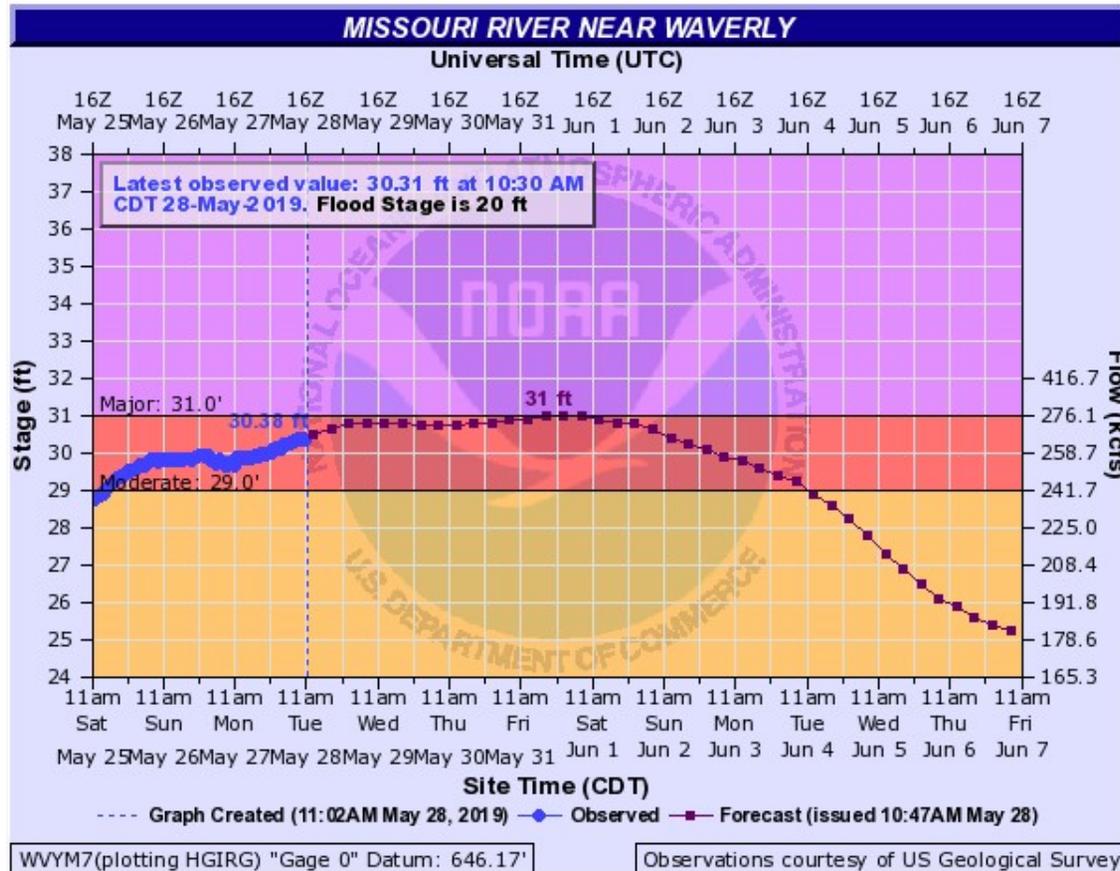
- The Missouri River at St. Joseph is forecast to crest in moderate flood stage at 25.1 feet this evening (Sunday, May 26).
- Moderate flood stage at St. Joseph occurs at 21.0 feet, and major flood stage occurs at 27.0 feet.
- [Flood impacts at St. Joseph](#)



- The Missouri River above Parkville is forecast to rise to 31.5 feet and remain in moderate flood stage the rest of the week.
- Moderate flood stage at Parkville occurs at 28.0 feet.
- [Flood impacts above Parkville](#)



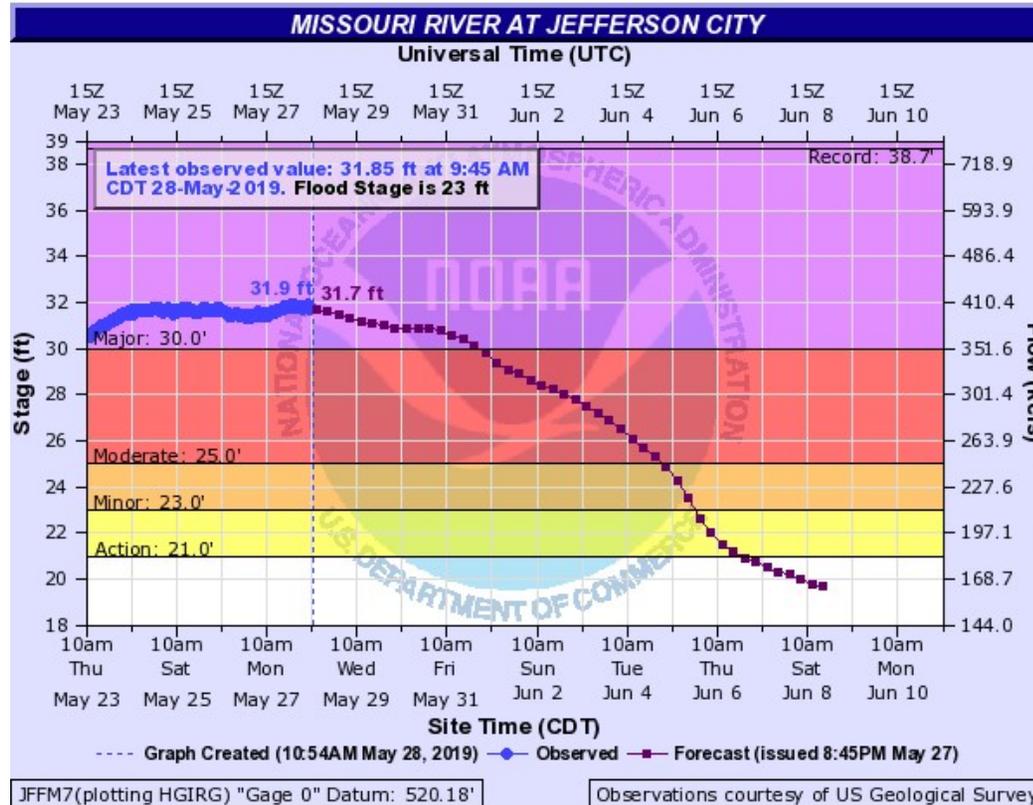
- The Missouri River at Napoleon has reached 27.85 feet and will remain in moderate flood stage the rest of the week.
- Moderate flood stage at Napoleon occurs at 25.0 feet.
- [Flood impacts at Napoleon](#)



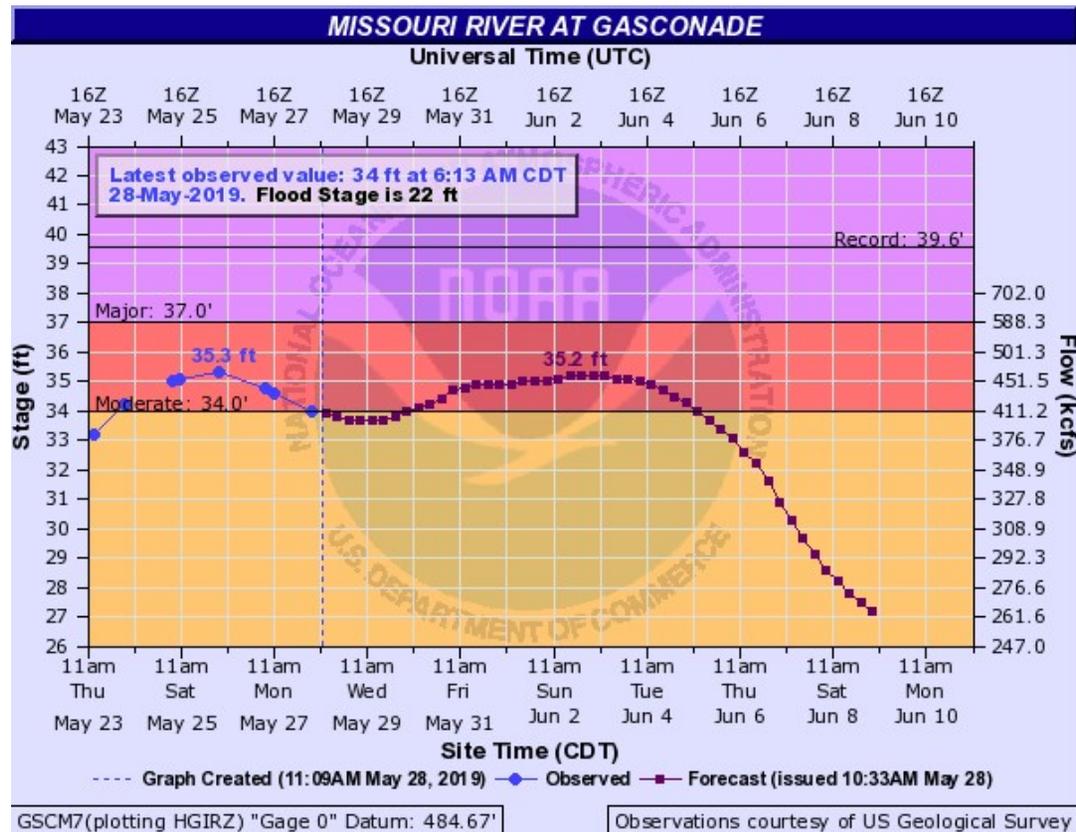
- The Missouri River near Waverly is will rise to just below major flood stage at 31 feet by next weekend.
- Moderate flooding near Waverly occurs at 29.0 feet, and major flooding occurs at 31.0 feet.
- [Flood impacts near Waverly](#)



- The Missouri River at Glasgow is forecast to remain in major flood stage between 35 and 37 feet through the rest of the week.
- Major flooding at Glasgow occurs at 32.0 feet.
- [Flood impacts at Glasgow](#)



- The Missouri River at Jefferson City has crested in major flood stage at 31.9 feet, and is forecast to remain at or near that level for the next three days.
- Major flooding at Jefferson City occurs at 30.0 feet.
- [Flood impacts at Jefferson City](#)



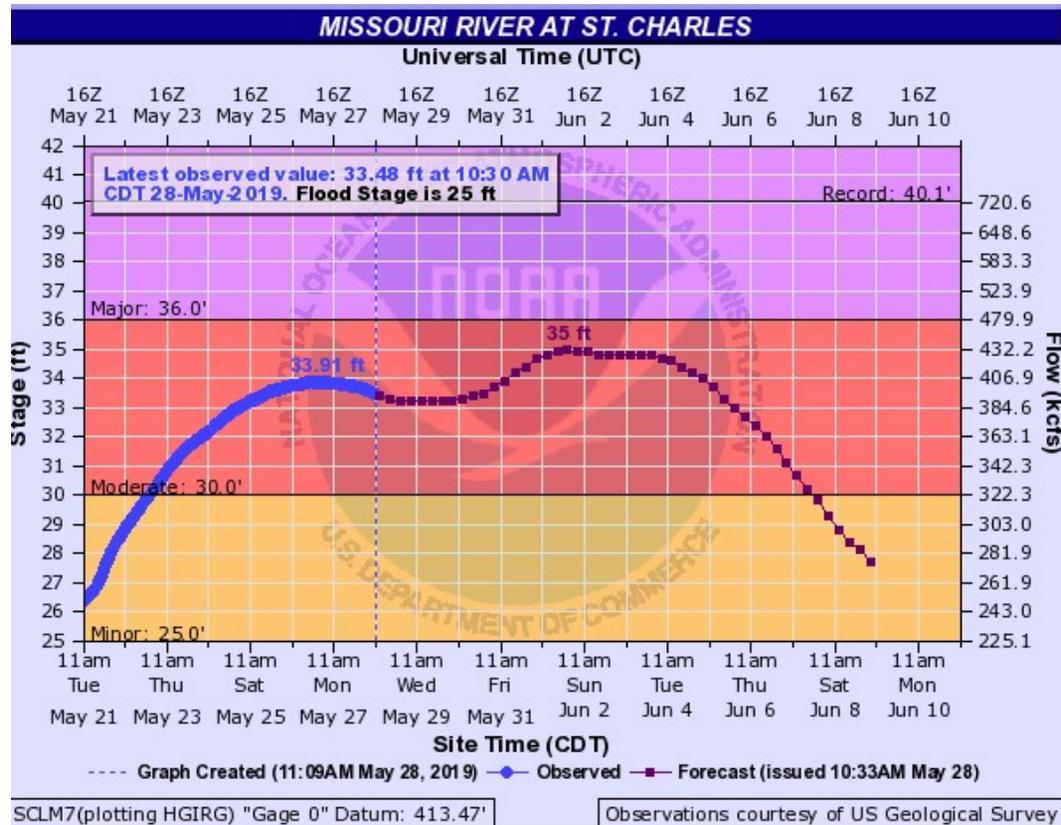
- The Missouri River at Gasconade will remain at or near moderate flood stage for the next few days.
- Moderate flooding occurs at Gasconade at 34.0 feet and major flooding occurs at 37.0 feet.
- [Flood impacts at Gasconade](#)



- The Missouri River at Hermann has crested in moderate flood stage at 32.53 feet and may enter major flood stage by week's end.
- Moderate flooding at Hermann occurs at 26.0 feet and major flooding occurs at 33.0 feet.
- [Flood impacts at Hermann](#)



- The Missouri River at Washington has crested in moderate flood stage at 28.68 feet and is forecast to remain near this level the remainder of the week.
- Moderate flooding at Washington occurs at 28.0 feet and major flooding occurs at 31.0 feet.
- [Flood impacts at Washington](#)



- The Missouri River at St. Charles has risen to moderate flood stage at 33.8 and is forecast to remain at these levels the rest of the week.
- Moderate flooding at St. Charles occurs at 30.0 feet and major flooding 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 – Mississippi River Flooding:
<https://www.weather.gov/dvn/MississippiRiverOutlook>
- National Weather Service – River Forecasts, Missouri Basin:
https://www.weather.gov/dvn/River_Levels#Top
- Missouri Water Resources Center – Mississippi River Informational Page: https://dnr.mo.gov/geology/wrc/interstate-waters/mississippi_river.htm