



Missouri Water Resources Center

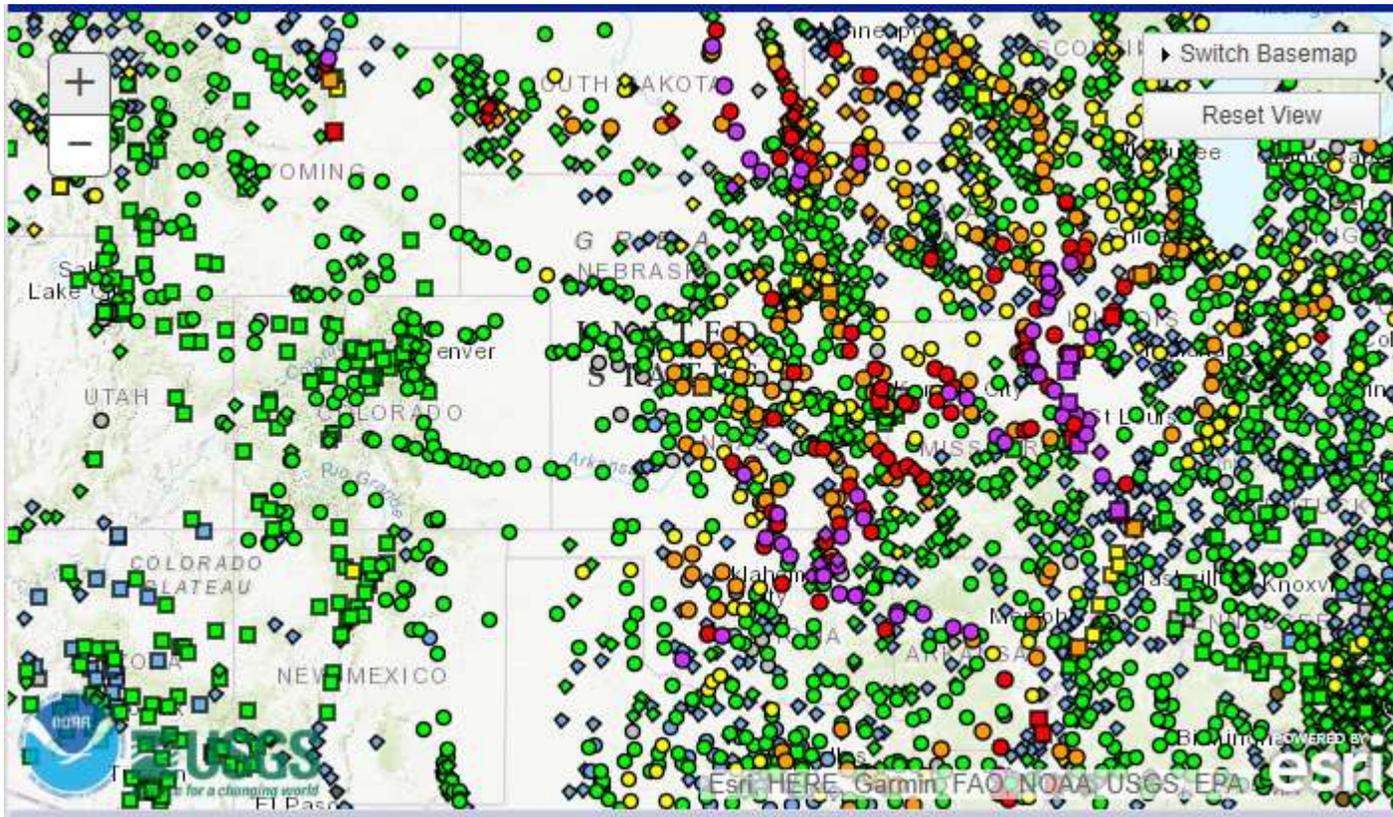
Mississippi River Flood Conditions Report

May 28, 2019

Major Flood Levels Forecast for Relevant Sectors of the Mississippi River

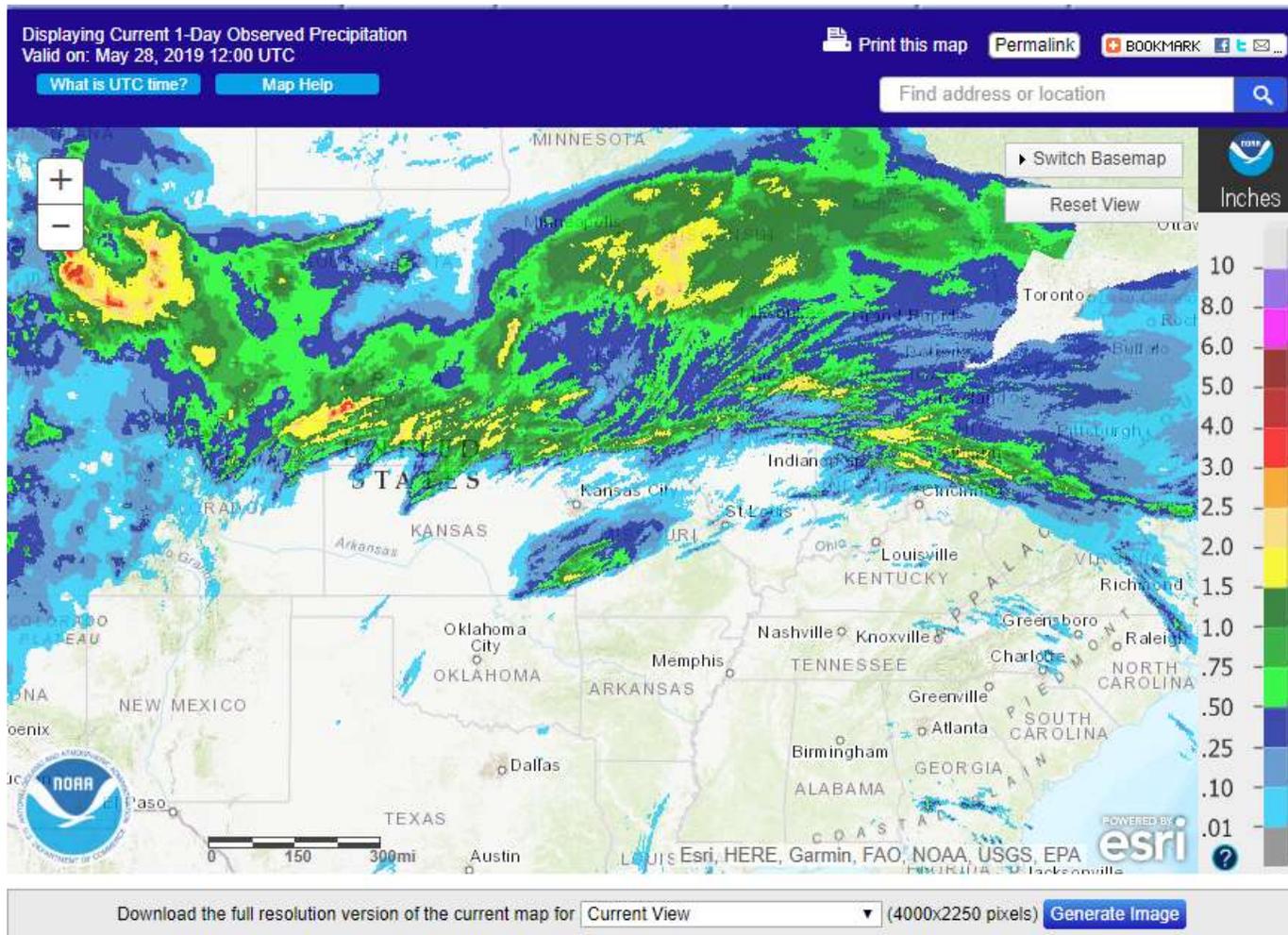
- Significant regional and local precipitation has led to increasing river levels on the Mississippi River. South central Iowa is forecast to receive as much as four inches of precipitation over the next seven days. Portions of Missouri are expected to receive as much as two inches in that same time period, with higher concentrations in the southwest sector of the state.
- Most gages along the Mississippi in or across the river from Missouri have entered major flood stage with an extended crest in most locations. The exceptions locations below the Ohio River where decreased input from the Ohio is supporting lower river levels.
- Thunderstorms and potential severe weather will remain in the forecast for most portions of the state.
- The Ohio River gage at Cairo (at the confluence of the Ohio and Mississippi rivers) is currently at minor flood stage.
- 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





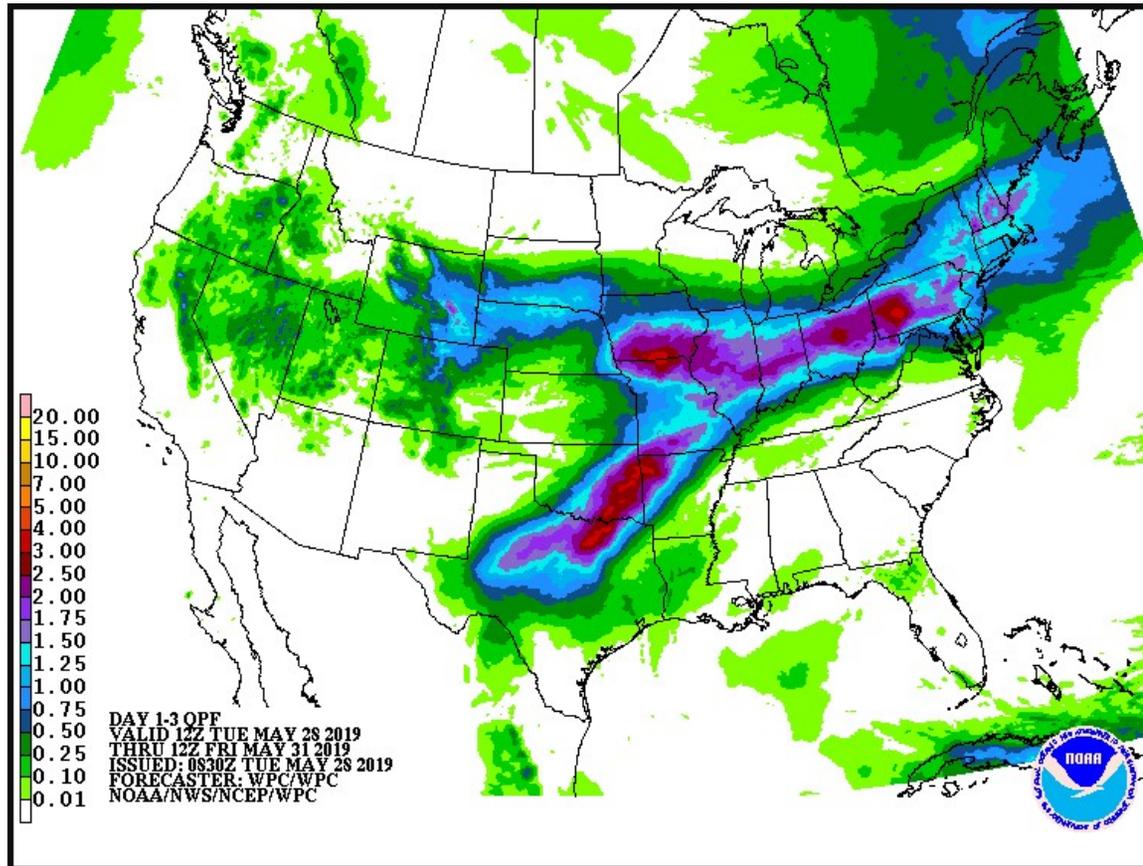
24-hour Observed Precipitation





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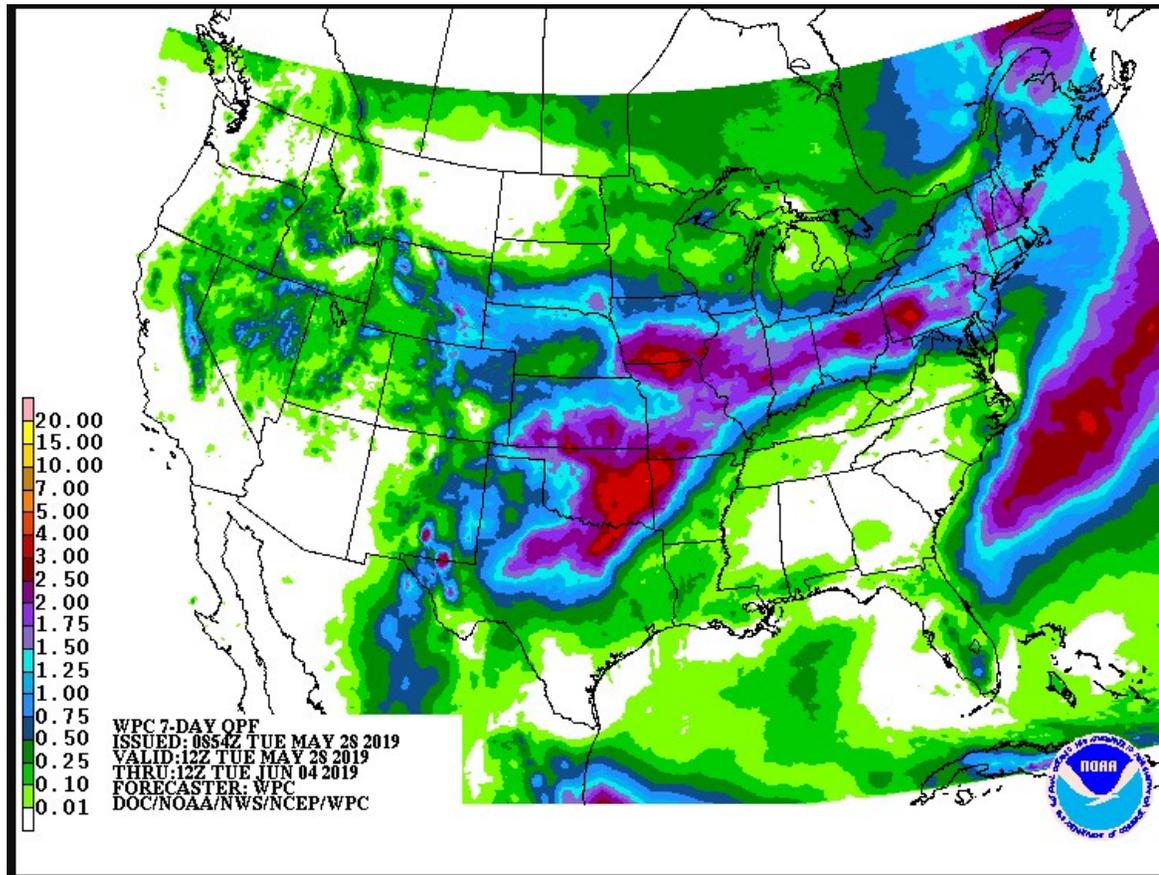
Three-day Total Quantitative Precipitation Forecast (QPF)

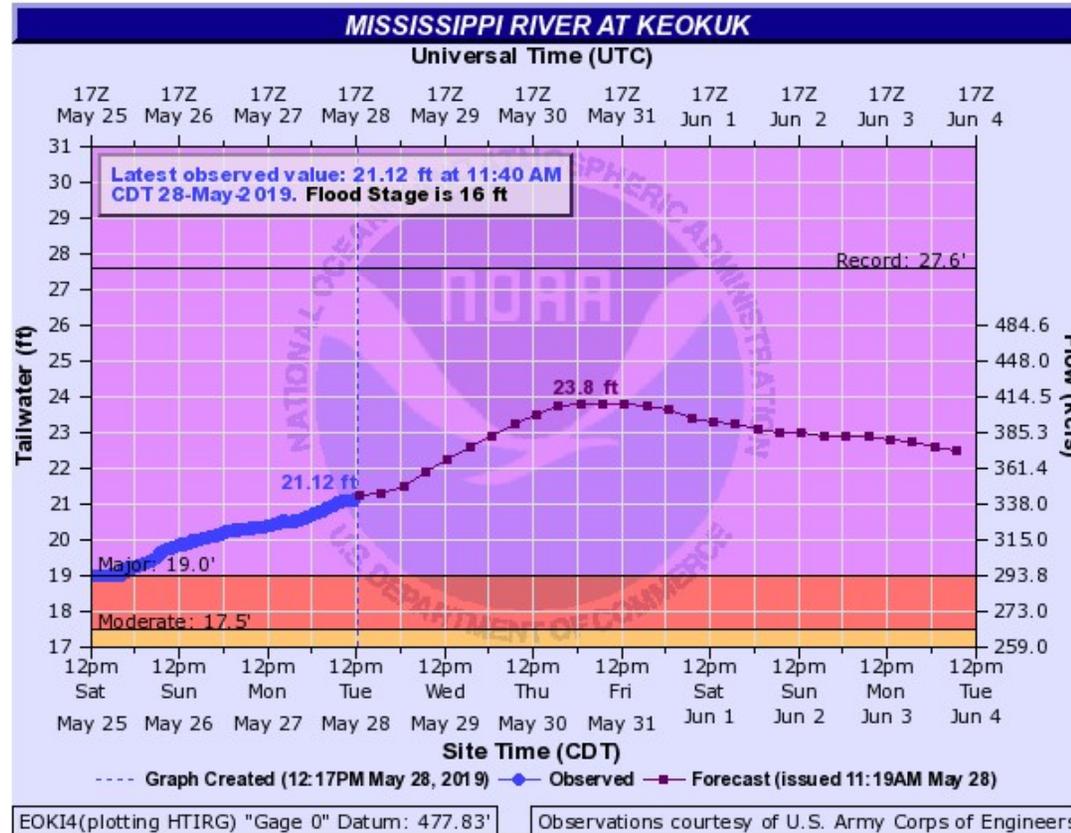




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Seven-day Total Quantitative Precipitation Forecast (QPF)

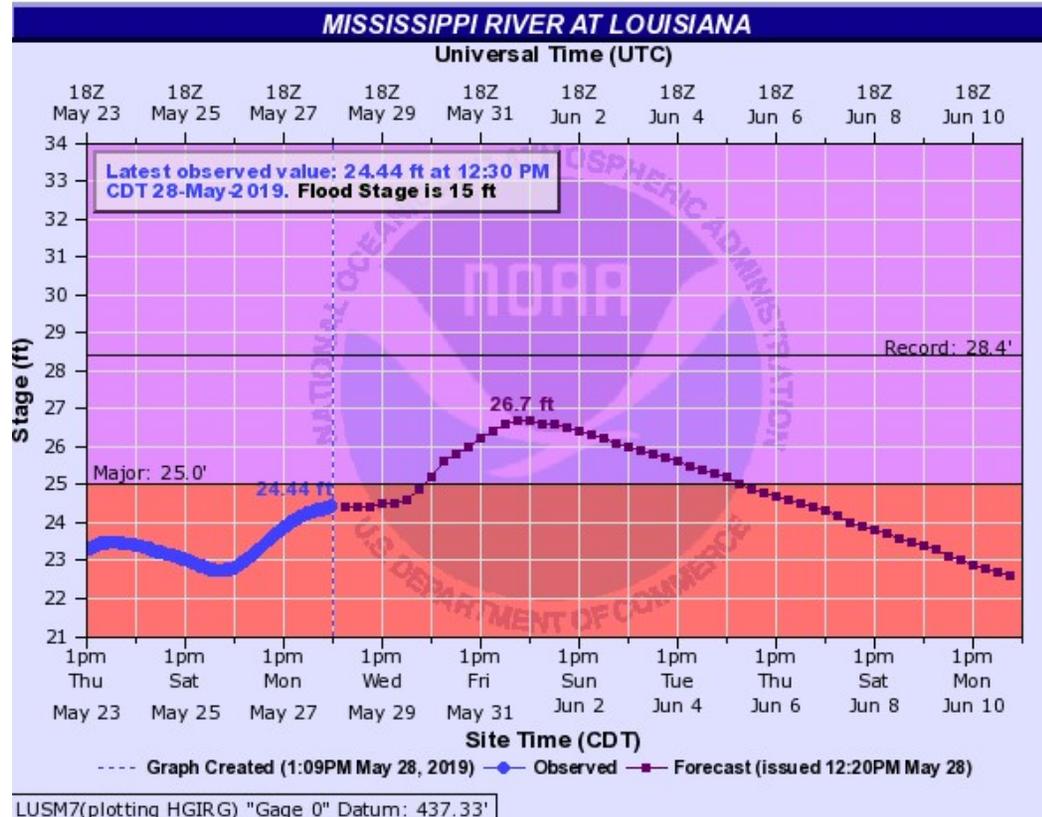




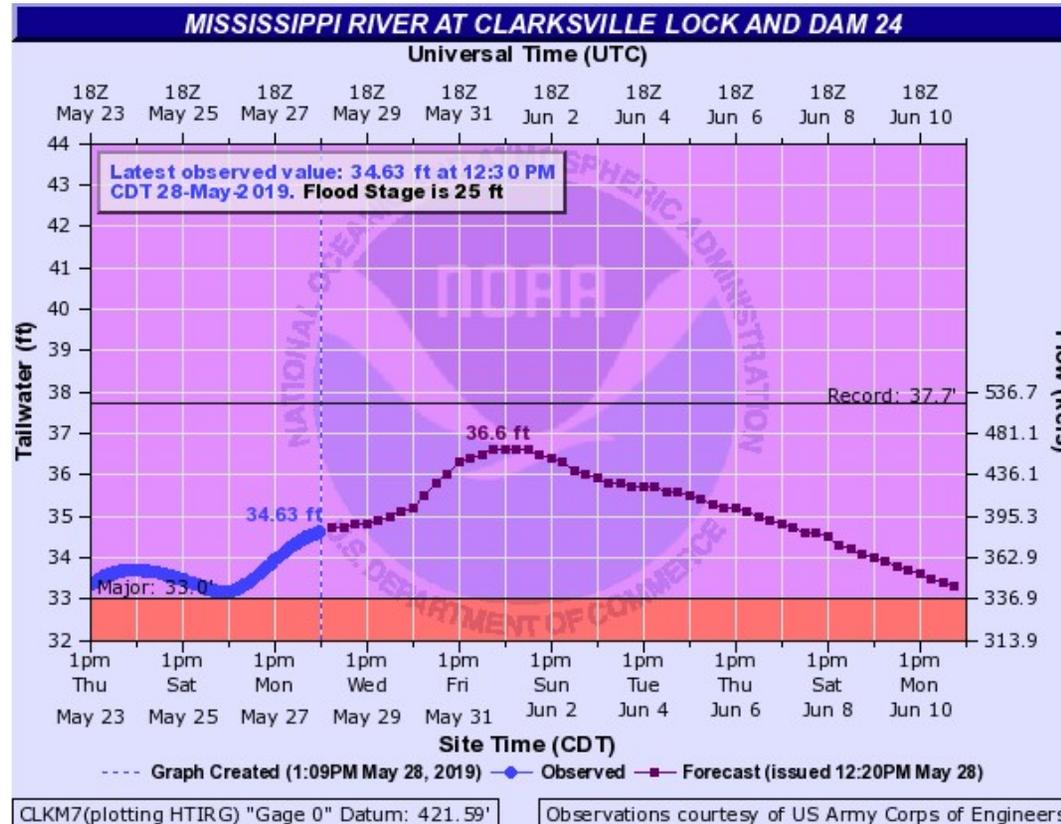
- The Mississippi River at Keokuk is in major flood stage at 21.12 feet and is predicted to rise another three feet by the end of the week.
- Moderate flood stage at Keokuk occurs at 17.5 feet and major flood stage occurs at 19.0 feet.
- [Flood impacts at Keokuk](#)



- The Mississippi River at Hannibal is in major flood stage at 26.32 feet and is forecast to crest in major flood stage at 29.5 feet by the end of the week.
- Moderate flood stage at Hannibal occurs at 22.0 feet, and major flood stage occurs at 24.0 feet.
- [Flood impacts at Hannibal](#)



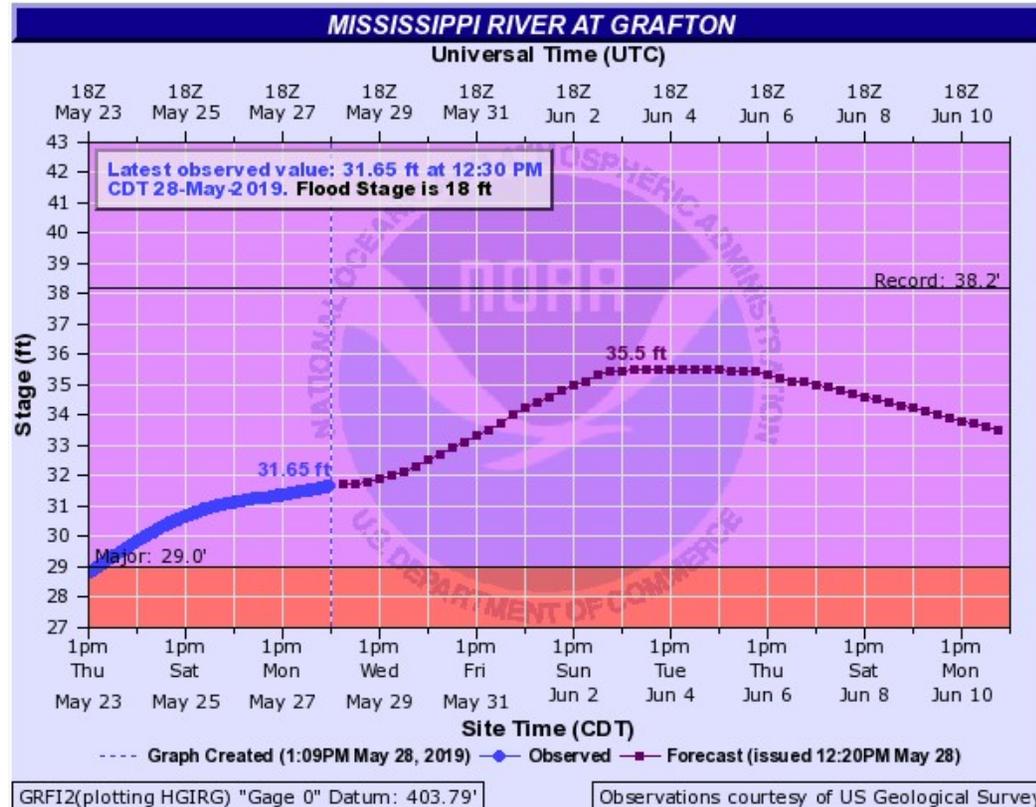
- The Mississippi River at Louisiana is in moderate flood stage at 24.44 feet and is forecast to crest in major flood stage at 26.7 feet by the end of the week.
- Moderate flood stage at Louisiana occurs at 20.0 feet and major flood stage occurs at 25.0 feet.
- [Flood impacts at Louisiana](#)



- The Mississippi River at Clarksville Lock and Dam 24 is in major flood stage at 34.63 feet and is forecast to reach a crest of 36.6 feet by the end of the week.
- Moderate flood stage at Clarksville occurs at 31.0 feet, and major flood stage occurs at 33.0 feet.
- [Flood impacts at Clarksville](#)



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- The Mississippi River at Grafton is in major flood stage at 31.65 feet and is forecast to crest in major flood stage at 35.5 feet this weekend.
- Major flood stage at Grafton occurs at 29.0 feet.
- [Flood impacts at Grafton](#)



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- The Mississippi River at St. Louis is in major flood stage at 41.36 feet and is forecast to crest in major flood stage at 43 feet Friday, May 31.
- Moderate flood stage at St. Louis occurs at 35.0 feet, and major flood stage occurs at 40.0 feet.
- Navigation is affected at these levels.
- [Flood impacts at St. Louis](#)



- The Mississippi River at Cape Girardeau is in major flood stage at 43.43 feet and is forecast to rise another foot by the end of the week.
- Moderate flood stage at Cape Girardeau occurs at 37.0 feet, and major flood stage occurs at 42.0 feet.
- [Flood impacts at Cape Girardeau](#)



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- The Ohio River at Cairo is currently in minor flood stage at 42.5 feet, and is forecast to crest in minor flood stage at the rest of the week.

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