

Missouri Water Resources Center

Mississippi River Flood Conditions Report

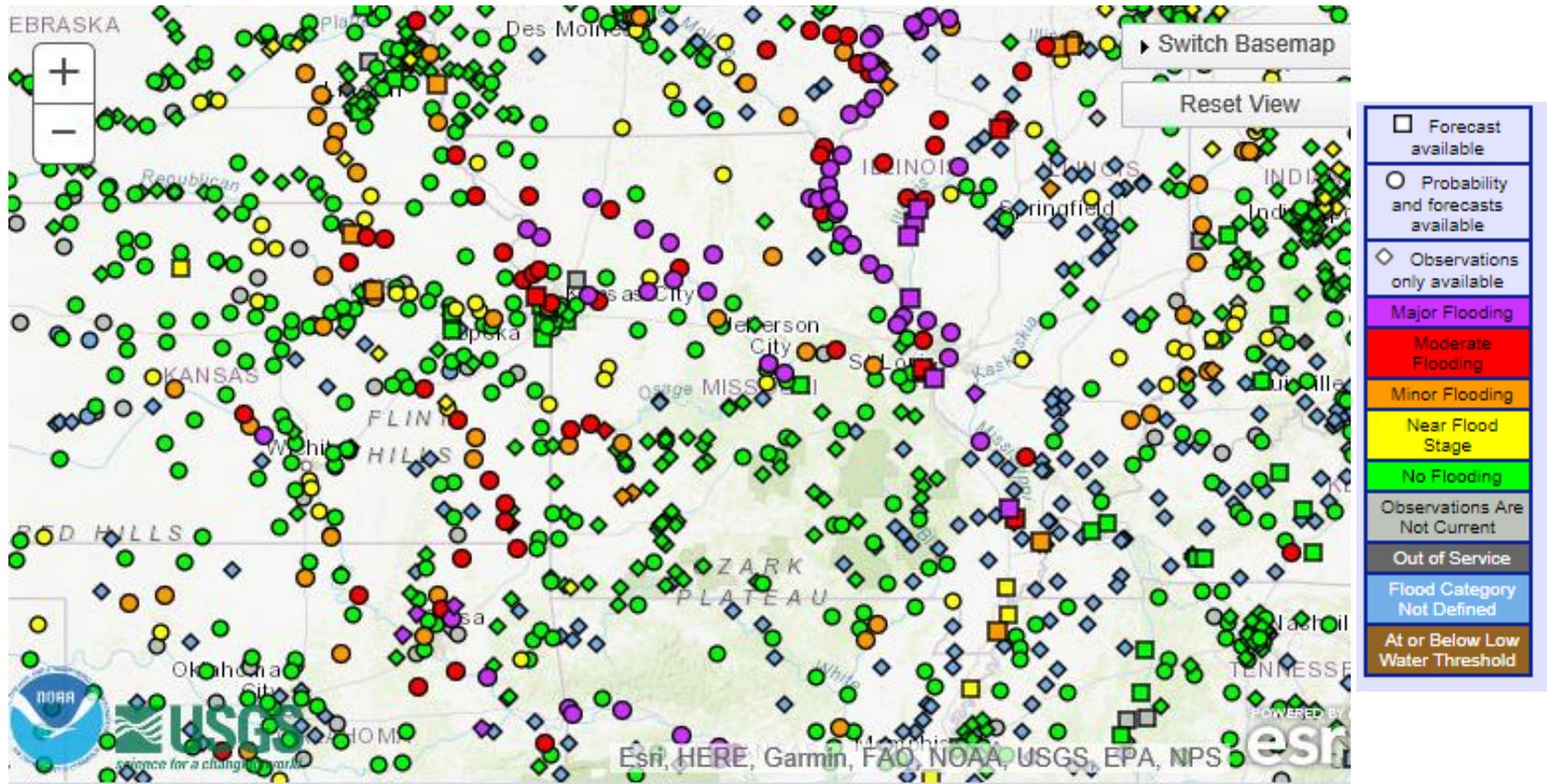
May 31, 2019

Mississippi River Flooding Status

- Significant regional and local precipitation has led to increasing river levels on the Mississippi River. Precipitation is predicted to moderate over the next two to three days with a clearing trend for the region. However, renewed precipitation forecast to return towards the middle of next week, with accumulations predicted to be up to two inches.
- 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.
- The Ohio River gage at Cairo (at the confluence of the Ohio and Mississippi rivers) is currently at minor flood stage, the gage is predicted to rise next week to moderate 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.

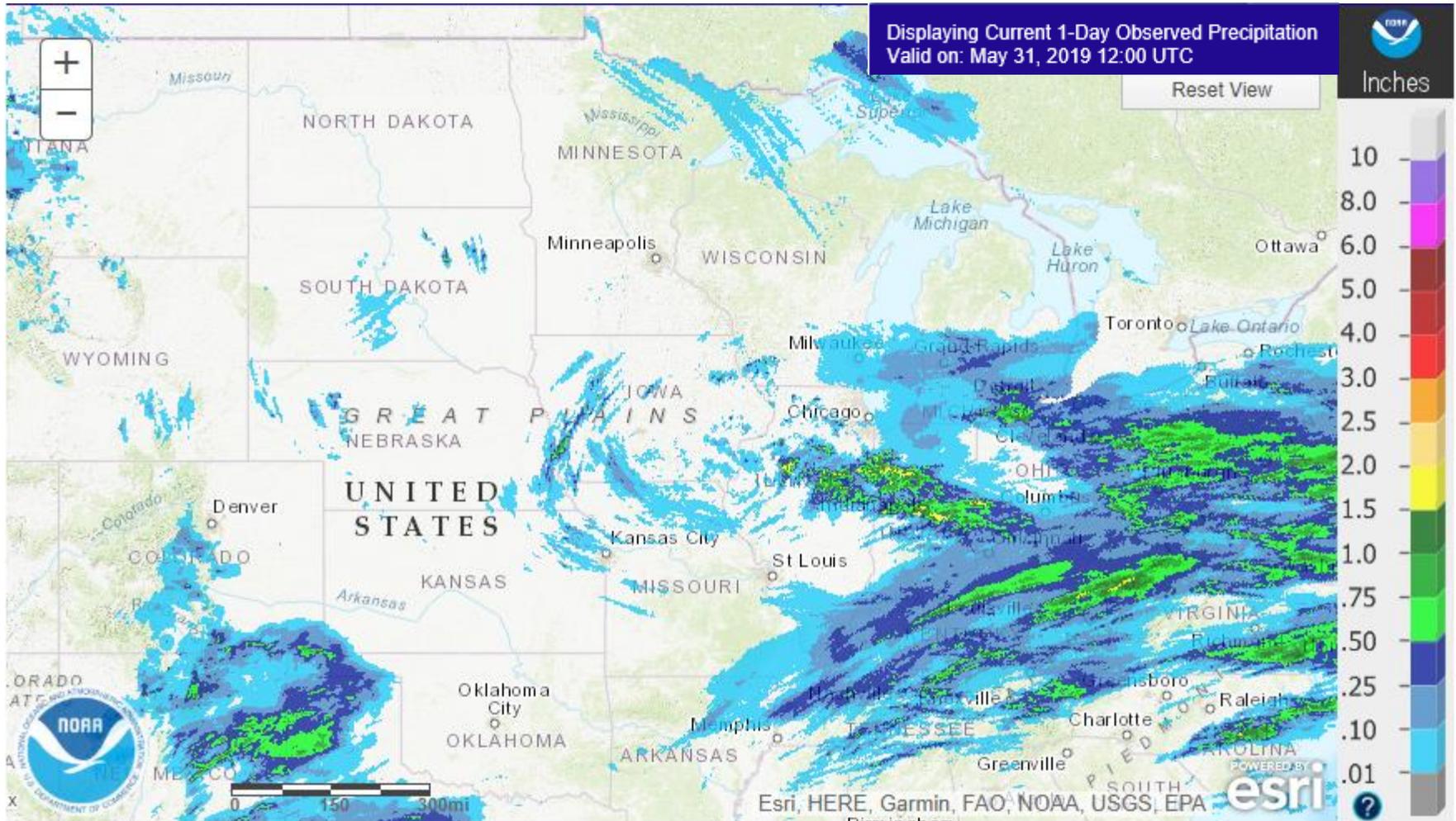


Current River Conditions





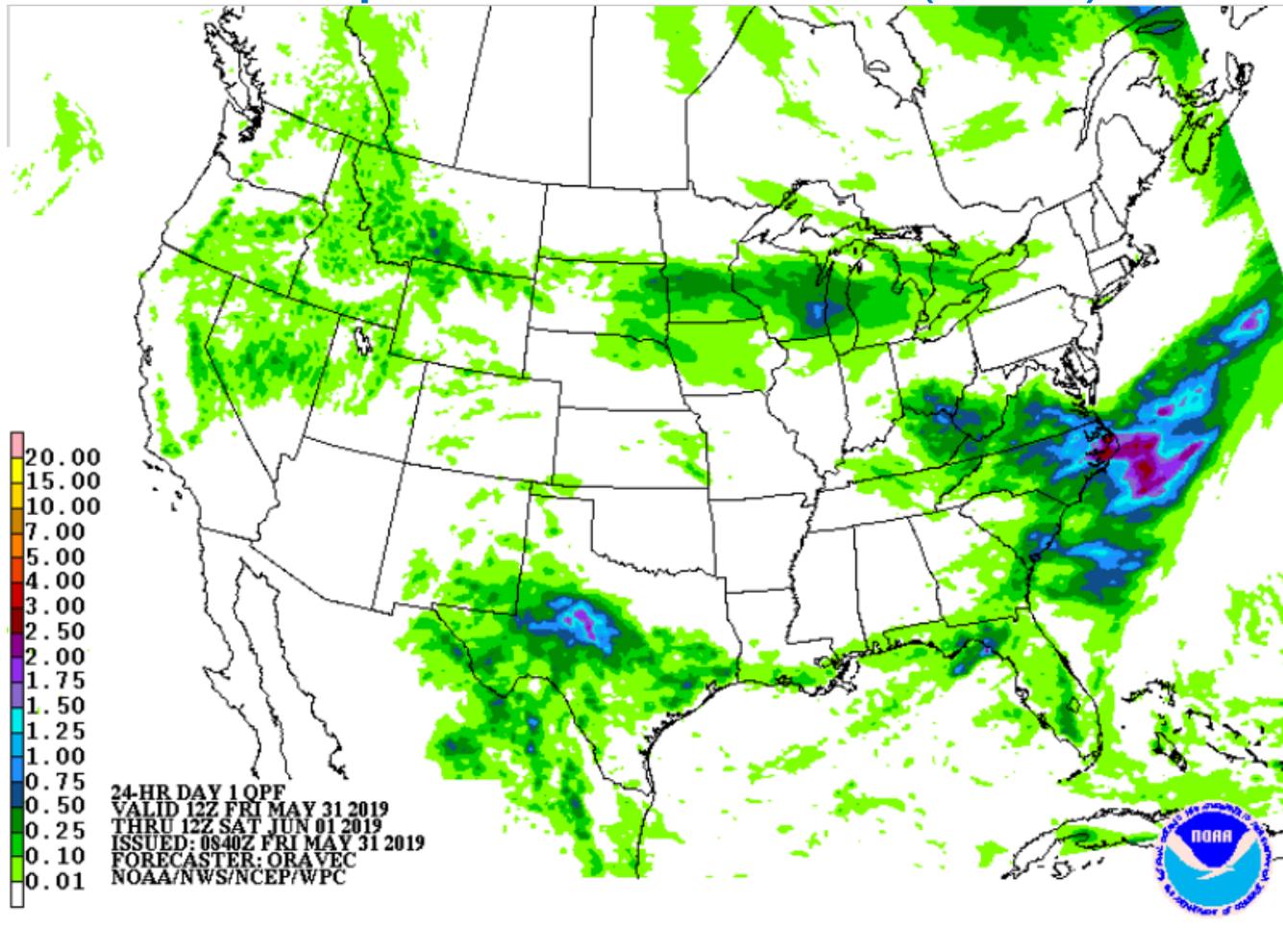
24-hour Observed Precipitation





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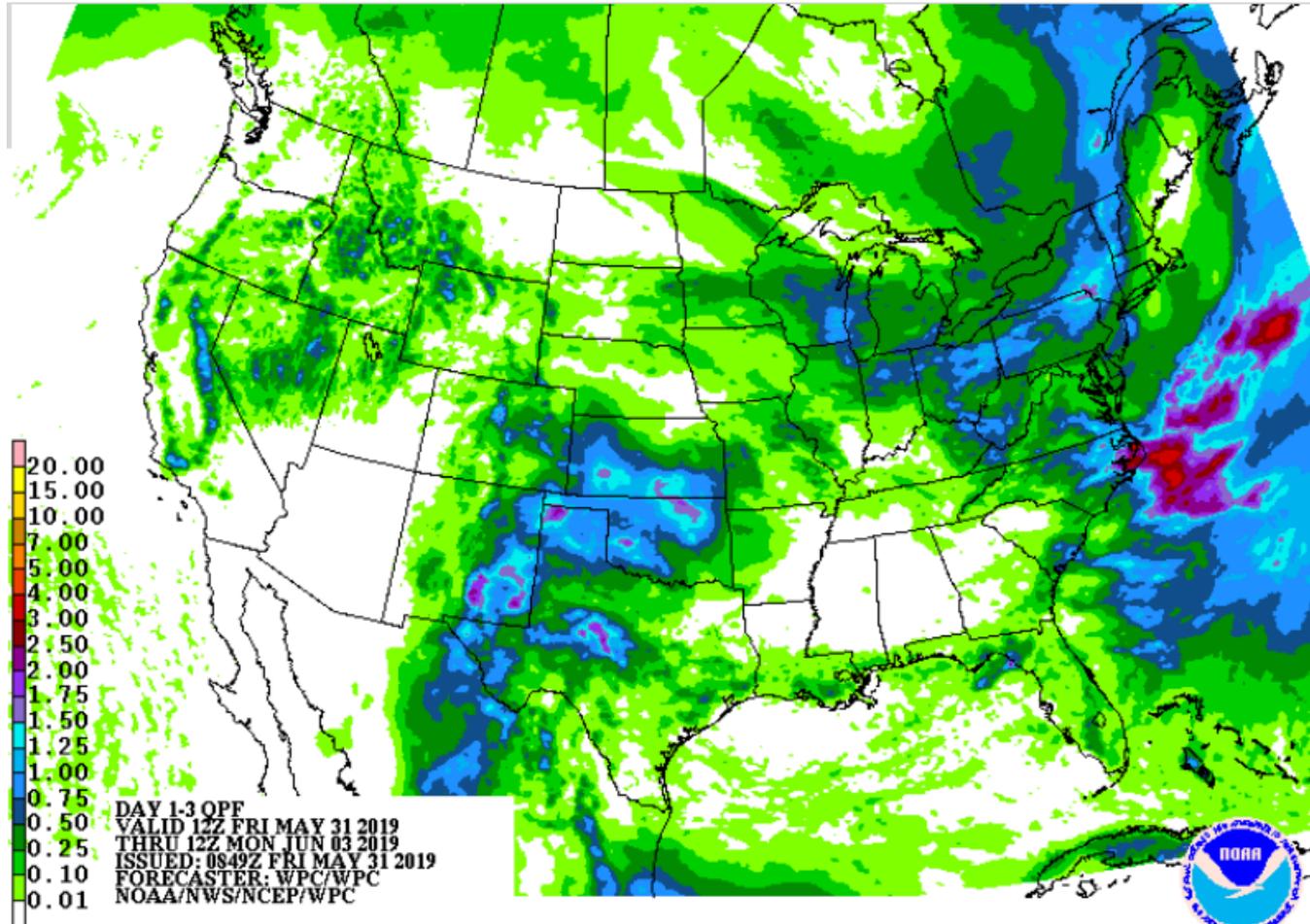
1-day Total Quantitative Precipitation Forecast (QPF)





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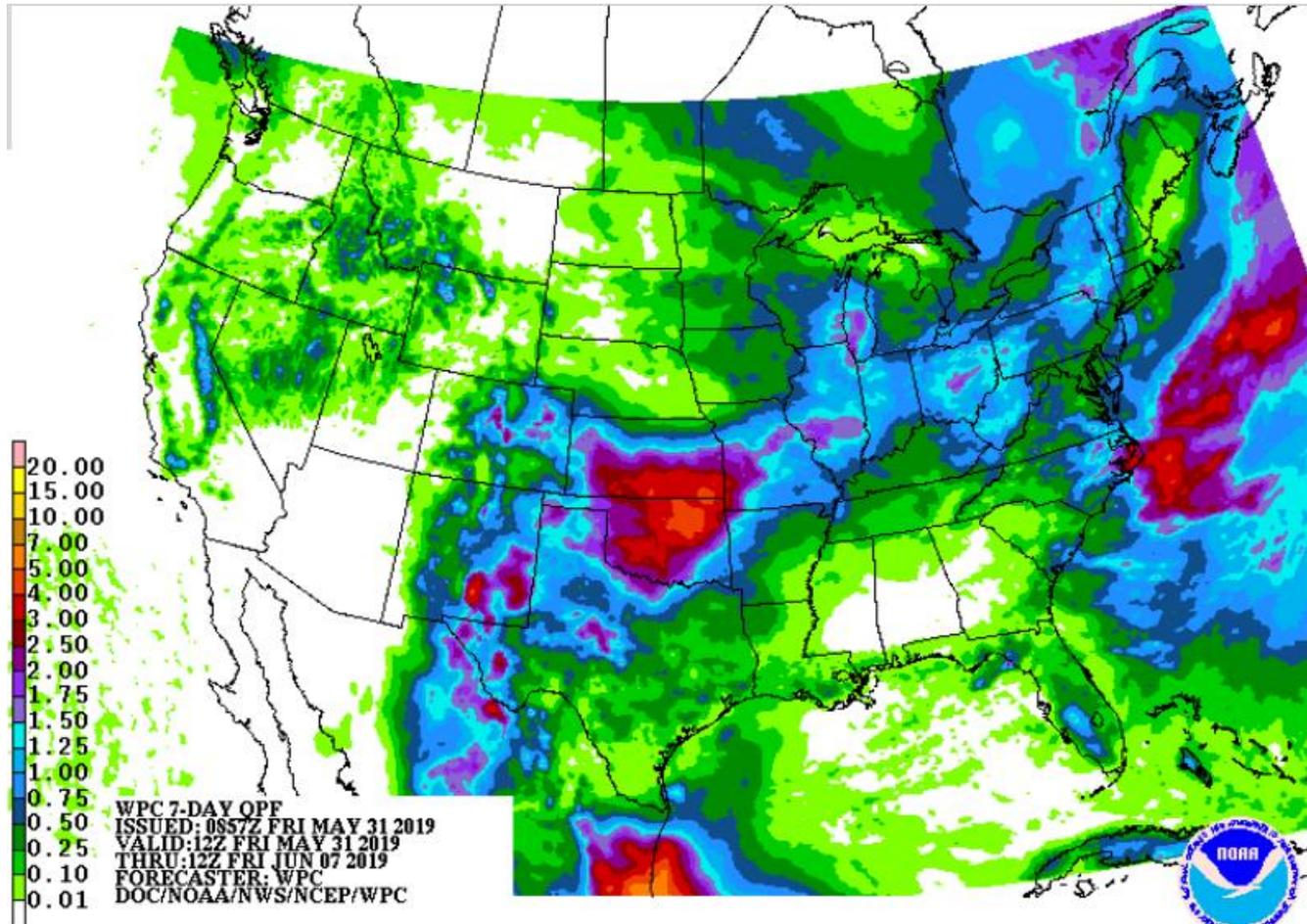
3-day Total Quantitative Precipitation Forecast (QPF)

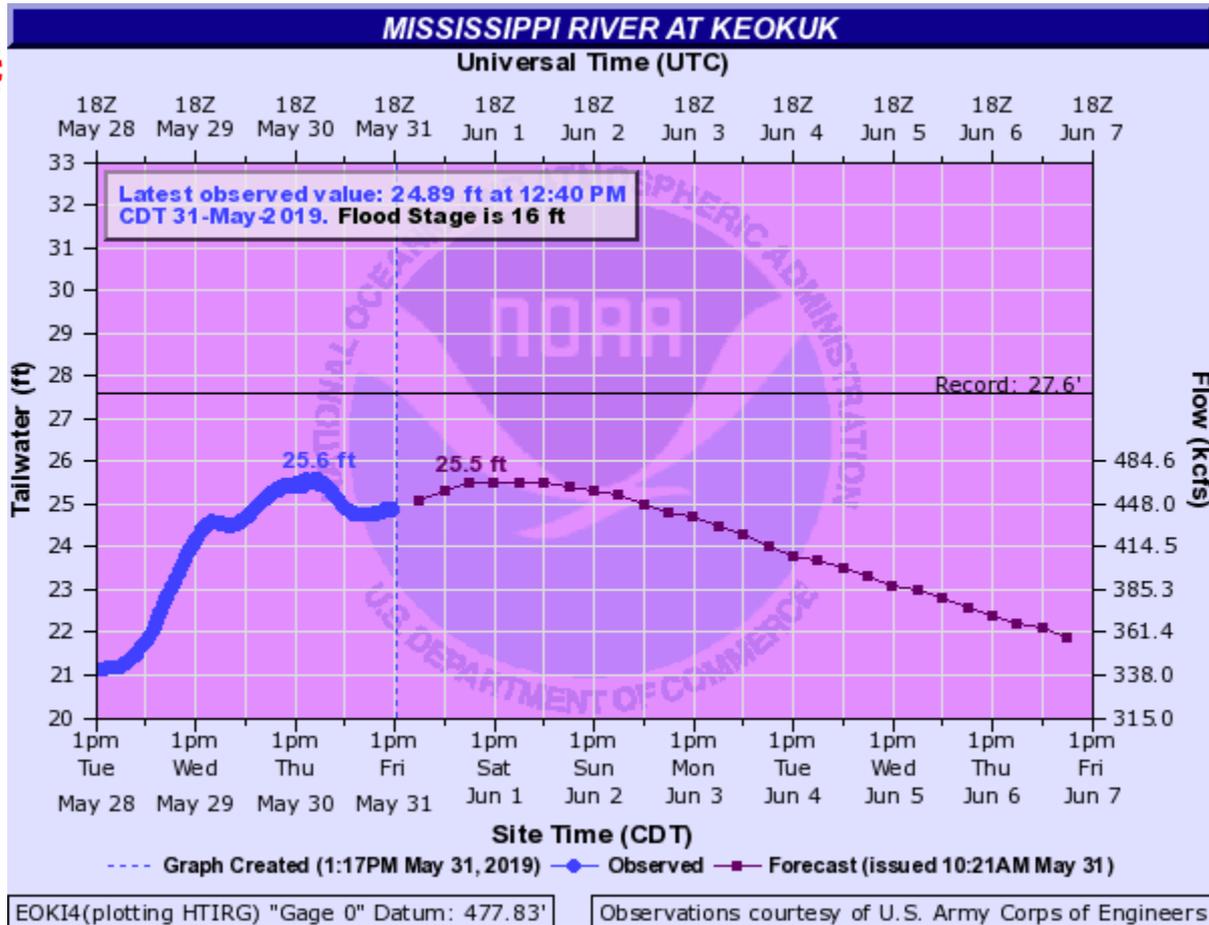




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7-day Total Quantitative Precipitation Forecast (QPF)

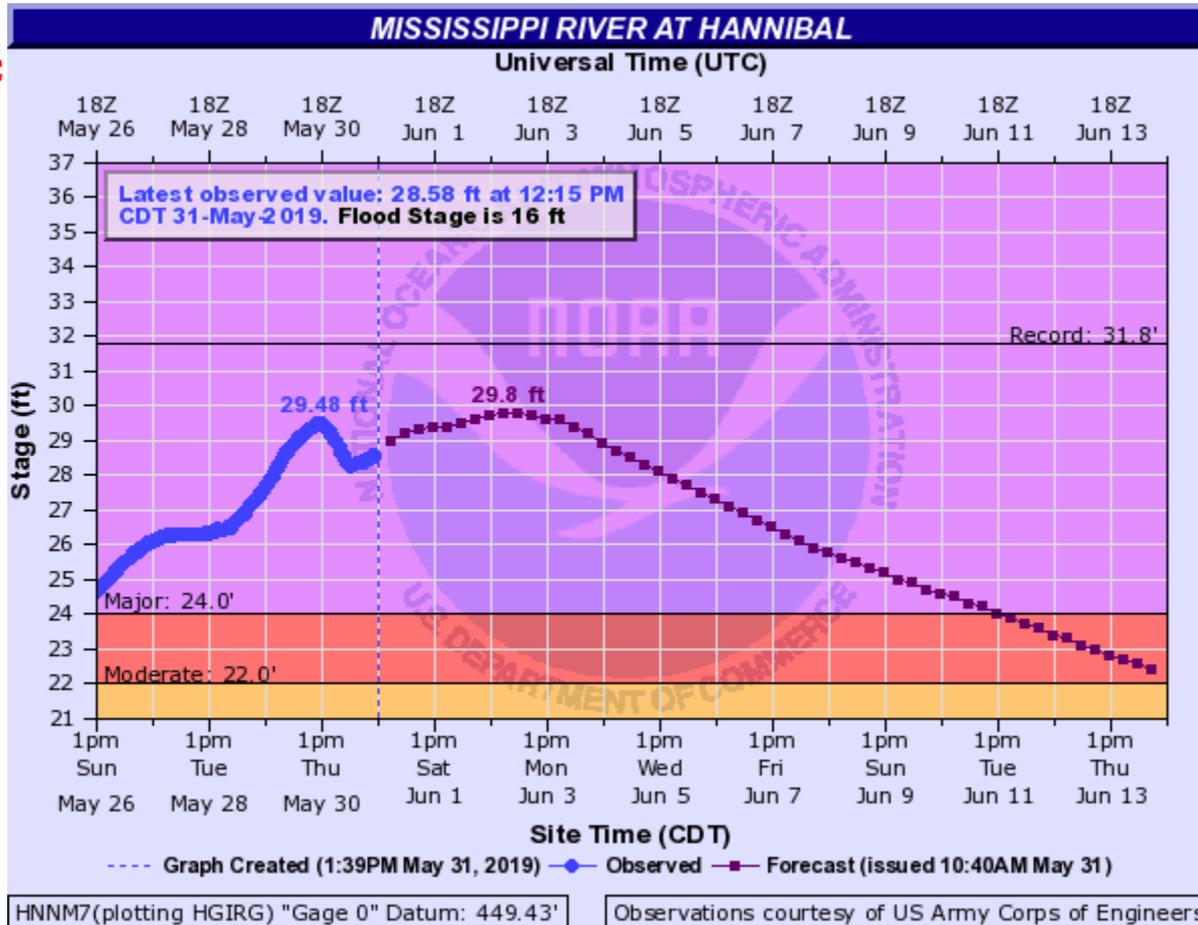




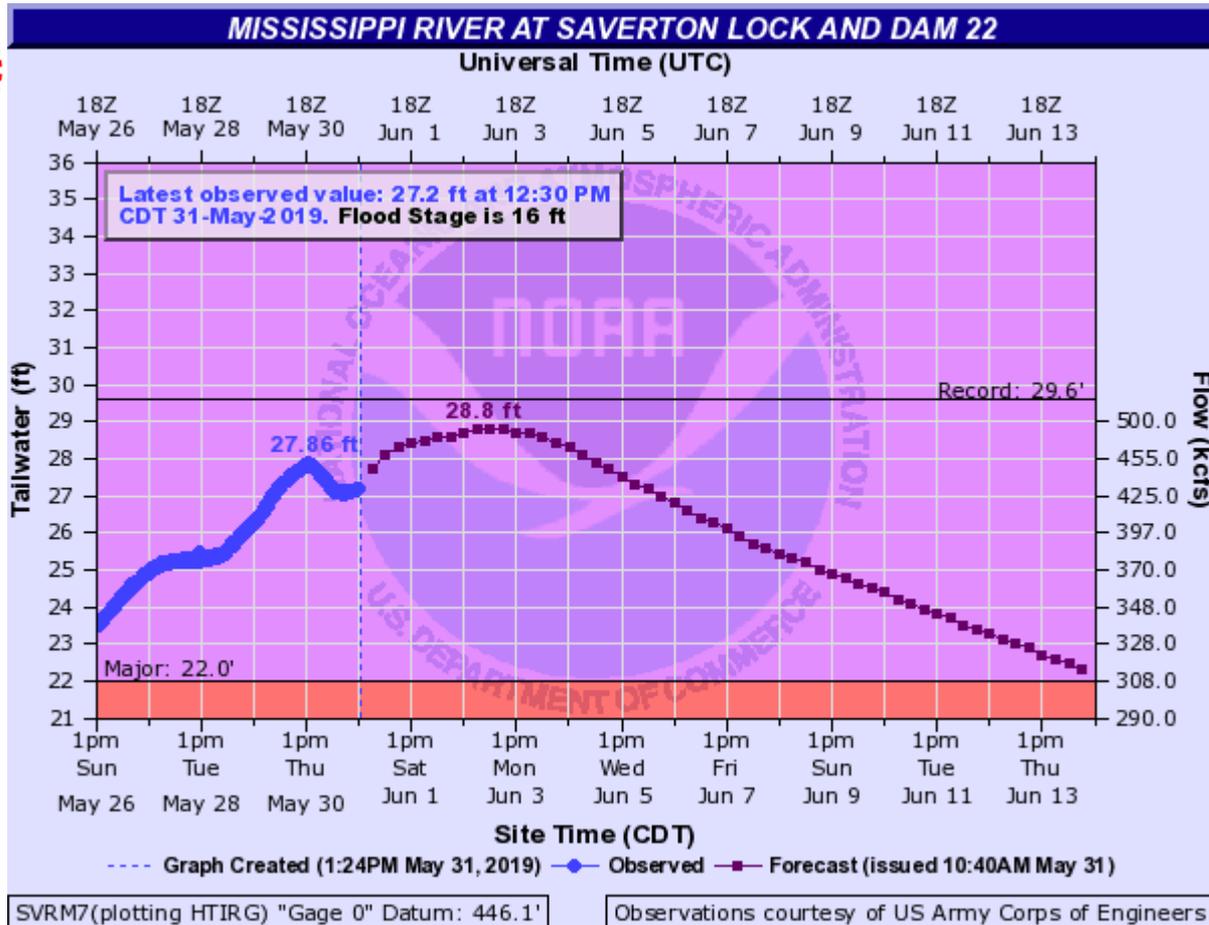
- The Mississippi River at Keokuk is in major flood stage at 24.9 feet and is forecast to crest at 25.5 feet Saturday, June 1.
- Moderate flood stage at Keokuk occurs at 17.5 feet and major flood stage occurs at 19.0 feet.
- [Flood impacts at Keokuk](#)



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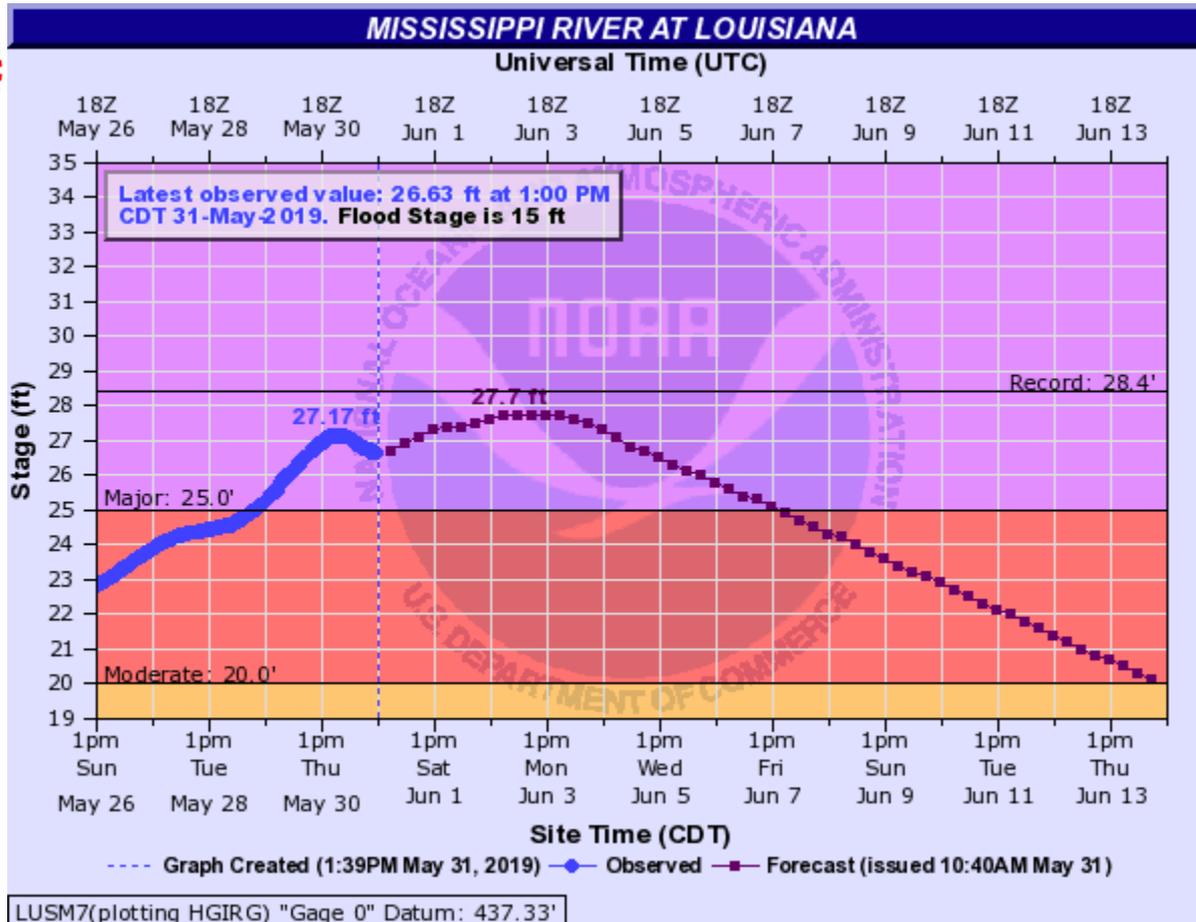
- The Mississippi River at Hannibal is in major flood stage at 28.6 feet and is forecast to crest at 39.8 feet Sunday, June 2.
- Moderate flood stage at Hannibal occurs at 22.0 feet, and major flood stage occurs at 24.0 feet.
- [Flood impacts at Hannibal](#)



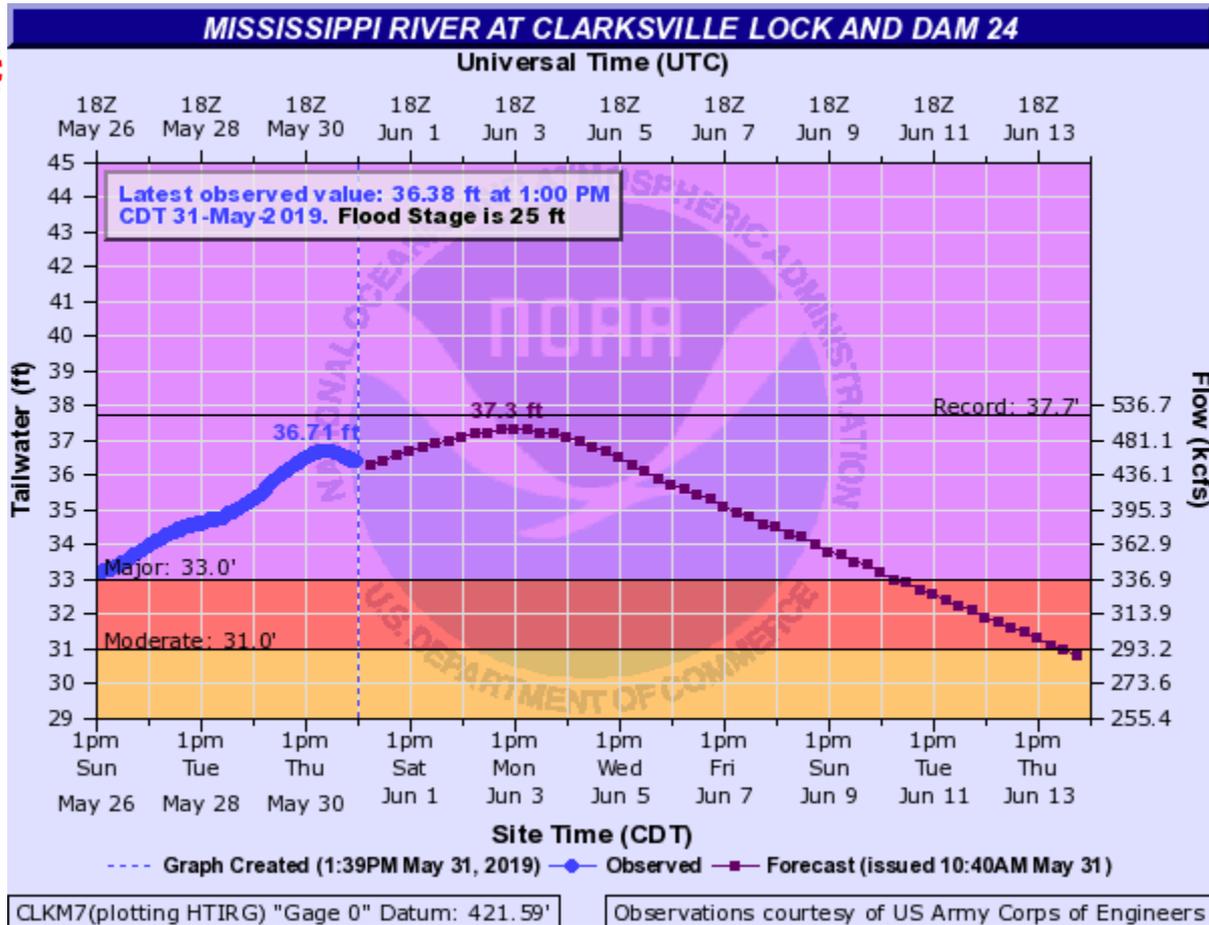
- The Mississippi River at Saverton Lock and Dam 22 is in major flood stage at 27.2 feet and is forecast to crest at 28.8 feet Sunday, June 2, less than 1 foot below the record.
- Moderate flood stage at Saverton Lock and Dam 22 occurs at 20.0 feet and major flood stage occurs at 22.0 feet.
- [Flood impacts at Saverton Lock and Dam 22](#)



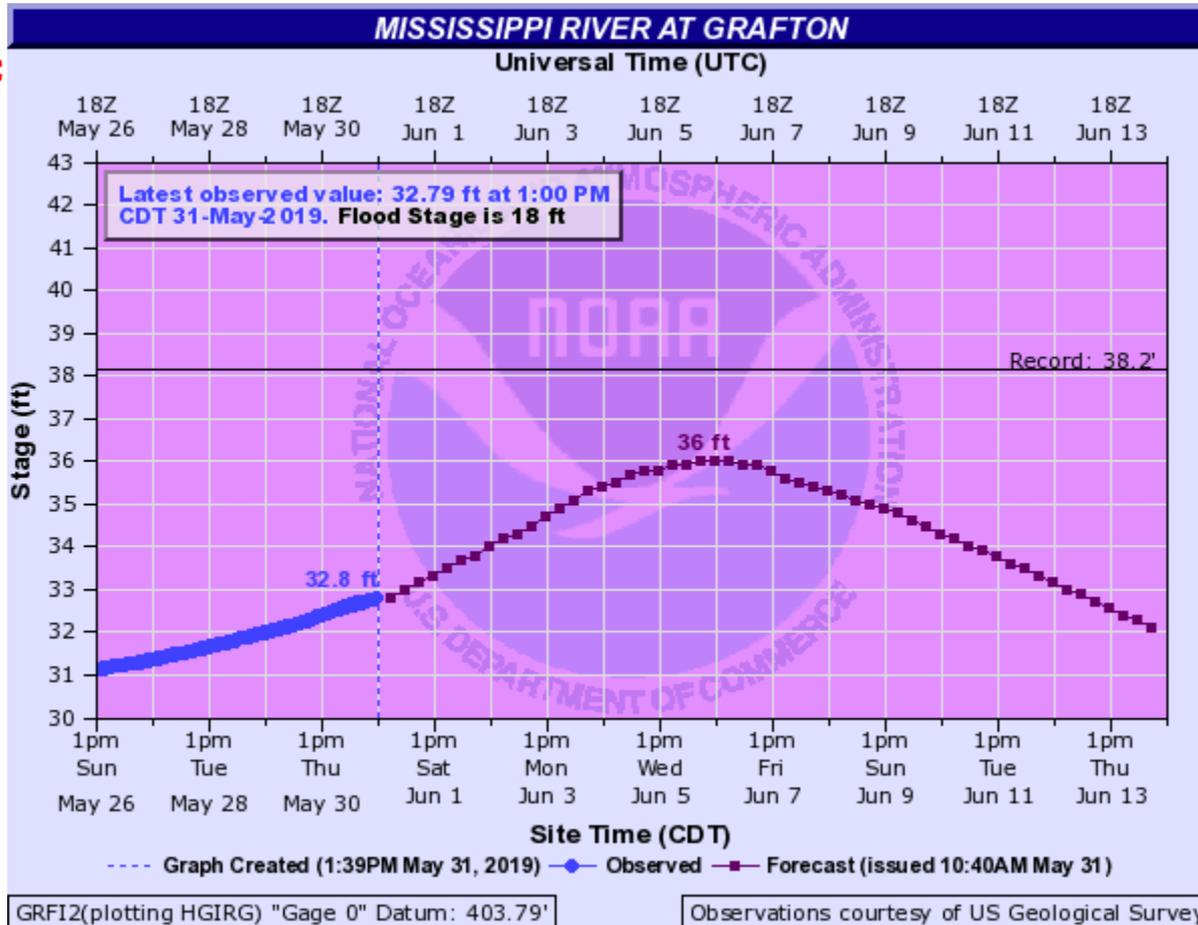
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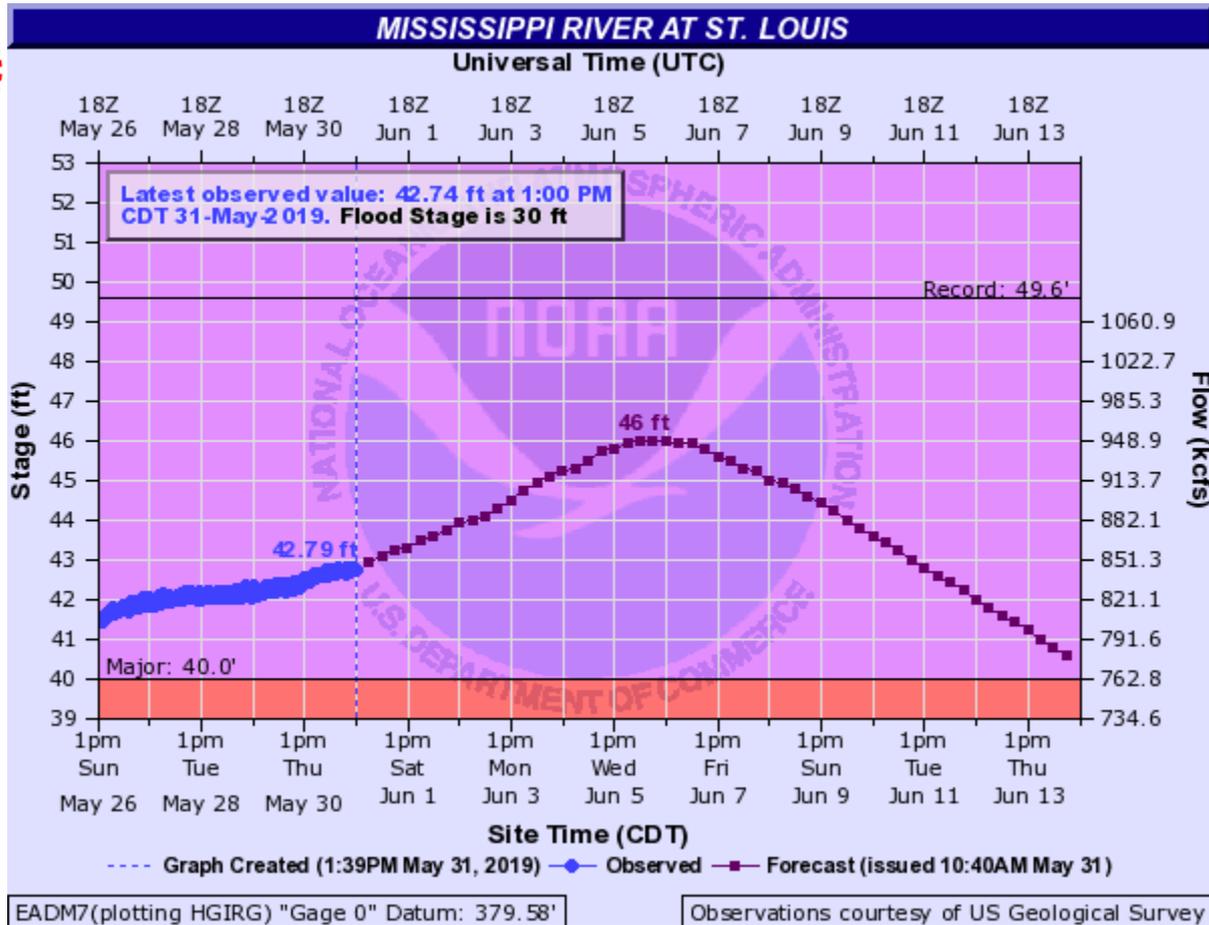
- The Mississippi River at Louisiana is in major flood stage at 26.6 feet and is forecast to crest at 27.7 feet Monday, June 3, about one-half foot below the record.
- Moderate flood stage at Louisiana occurs at 20.0 feet and major flood stage occurs at 25.0 feet.
- [Flood impacts at Louisiana](#)



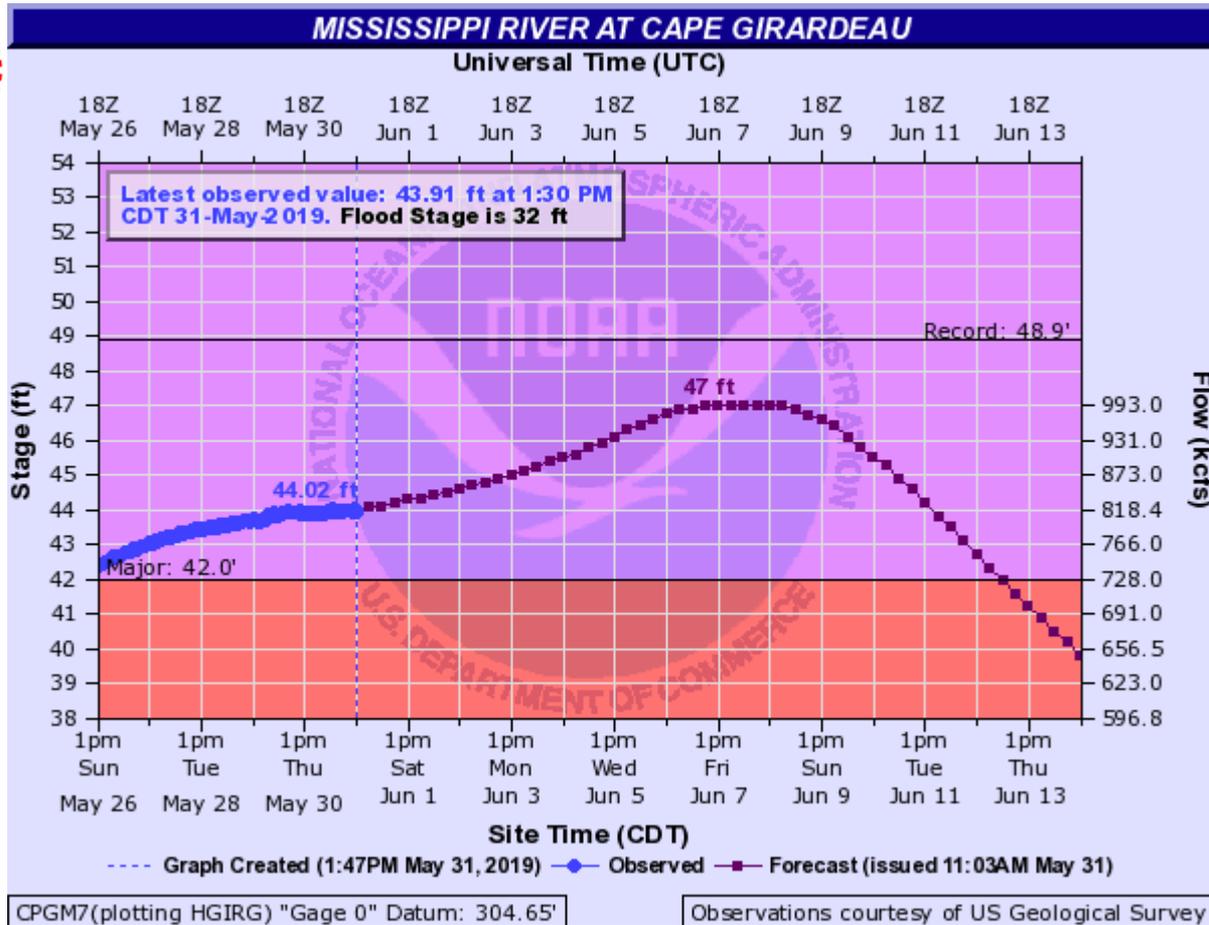
- The Mississippi River at Clarksville Lock and Dam 25 is in major flood stage at 36.4 feet and is forecast to crest at 37.3 feet Monday, June 3, 0.4 feet below the previous record.
- Moderate flood stage at Clarksville occurs at 31.0 feet, and major flood stage occurs at 33.0 feet.
- [Flood impacts at Clarksville](#)



- The Mississippi River at Grafton is in major flood stage at 32.8 feet and is forecast to crest in major flood stage at 36.0 feet Thursday, June 6.
- Major flood stage at Grafton occurs at 29.0 feet.
- [Flood impacts at Grafton](#)



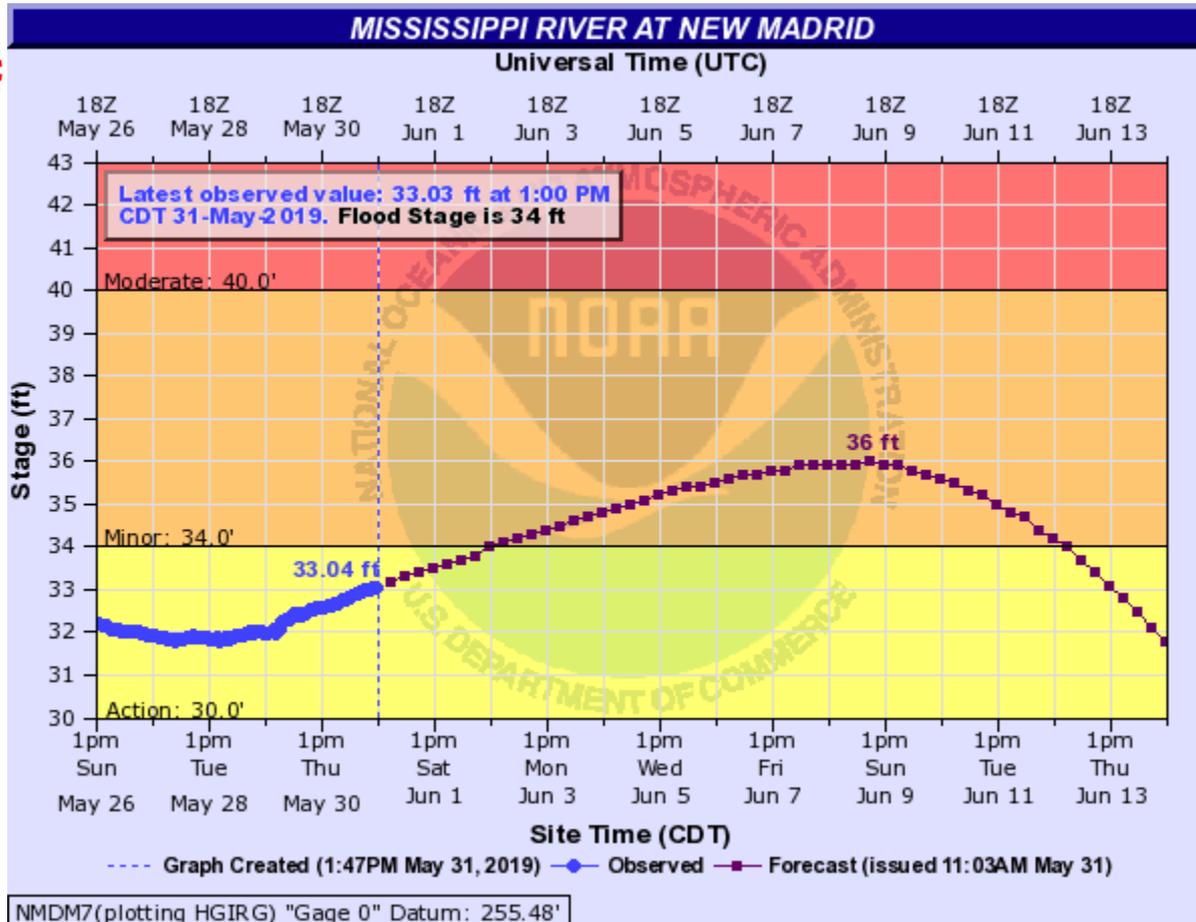
- The Mississippi River at St. Louis is in major flood stage at 42.7 feet and is forecast to crest in major flood stage at 46.0 feet Thursday, June 6.
- Moderate flood stage at St. Louis occurs at 35.0 feet, and major flood stage occurs at 40.0 feet.
- Navigation is affected at these levels.
- [Flood impacts at St. Louis](#)



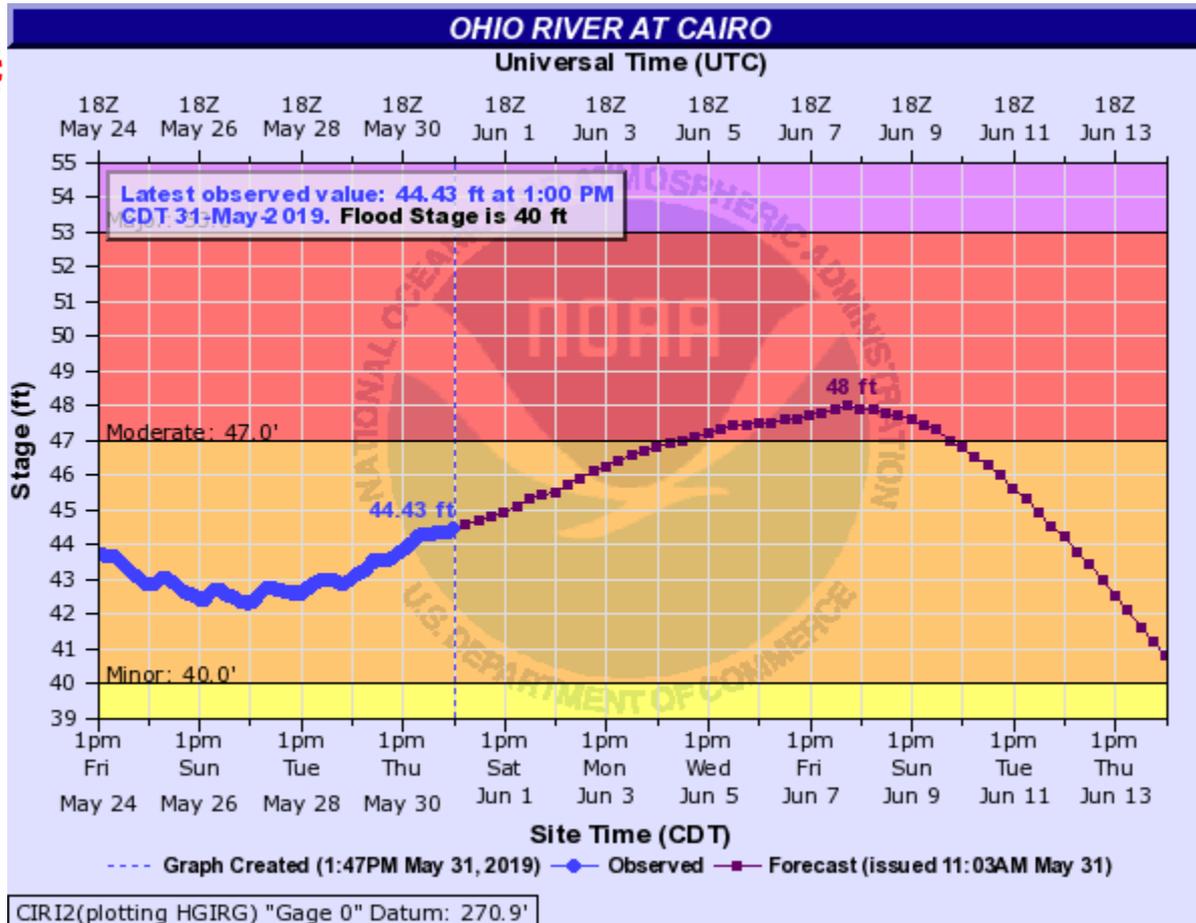
- The Mississippi River at Cape Girardeau is in major flood stage at 43.9 feet and is forecast to crest at 47 feet late next week.
- Moderate flood stage at Cape Girardeau occurs at 37.0 feet and major flood stage occurs at 42.0 feet. The previous record is 48.9 feet.
- [Flood impacts at Cape Girardeau](#)



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- The Mississippi River at New Madrid is predicted to rise into minor flood stage at a crest of 36 feet next weekend.
- [Flood impacts at New Madrid](#)



- The Ohio River at Cairo is currently in minor flood stage at 44.4 feet, and is forecast to rise to moderate flood stage, cresting at 48 feet next 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