

# Missouri Water Resources Center

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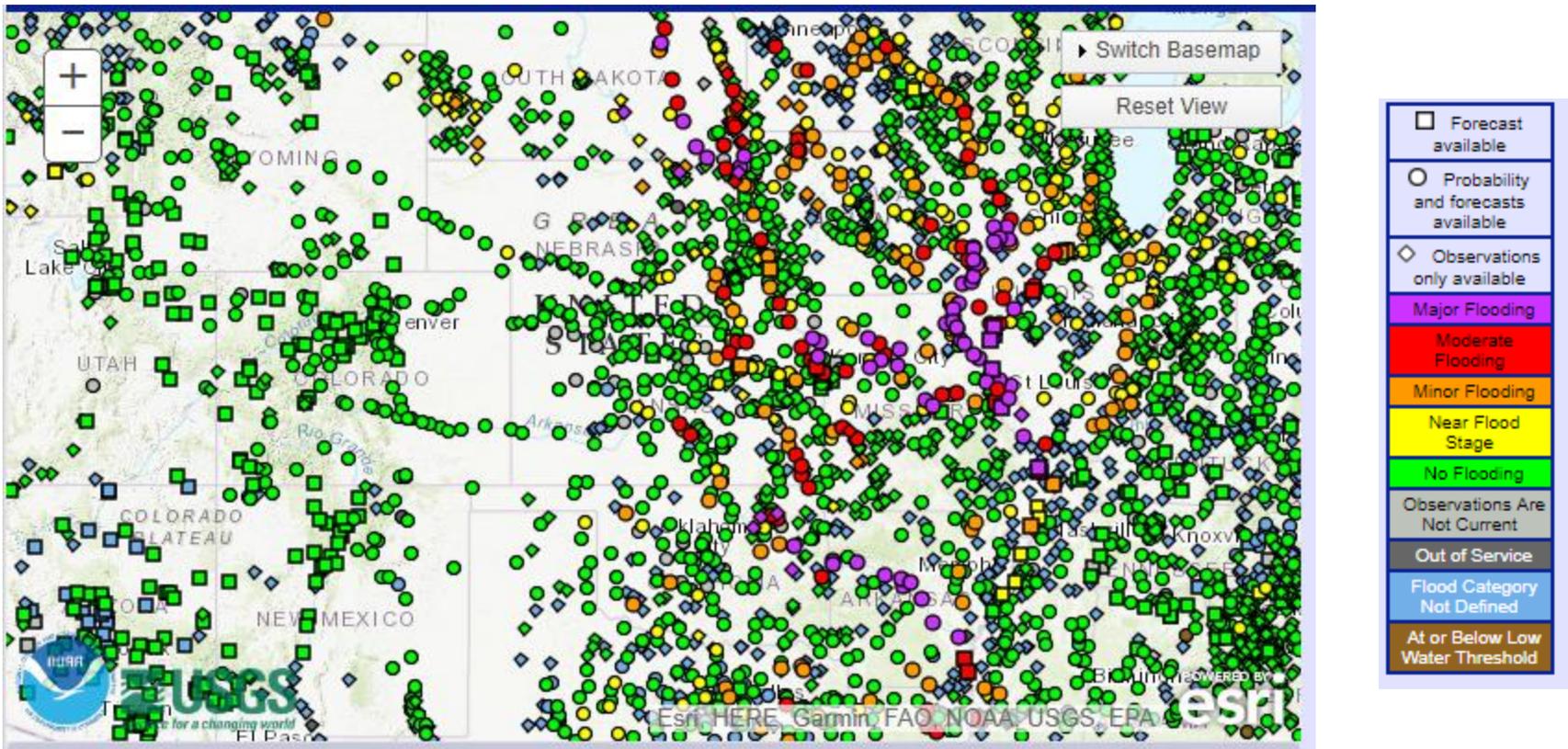
Mississippi River Flood Conditions Report

June 1, 2019

# Major Flood Levels Forecast for Relevant Sectors of the Mississippi River

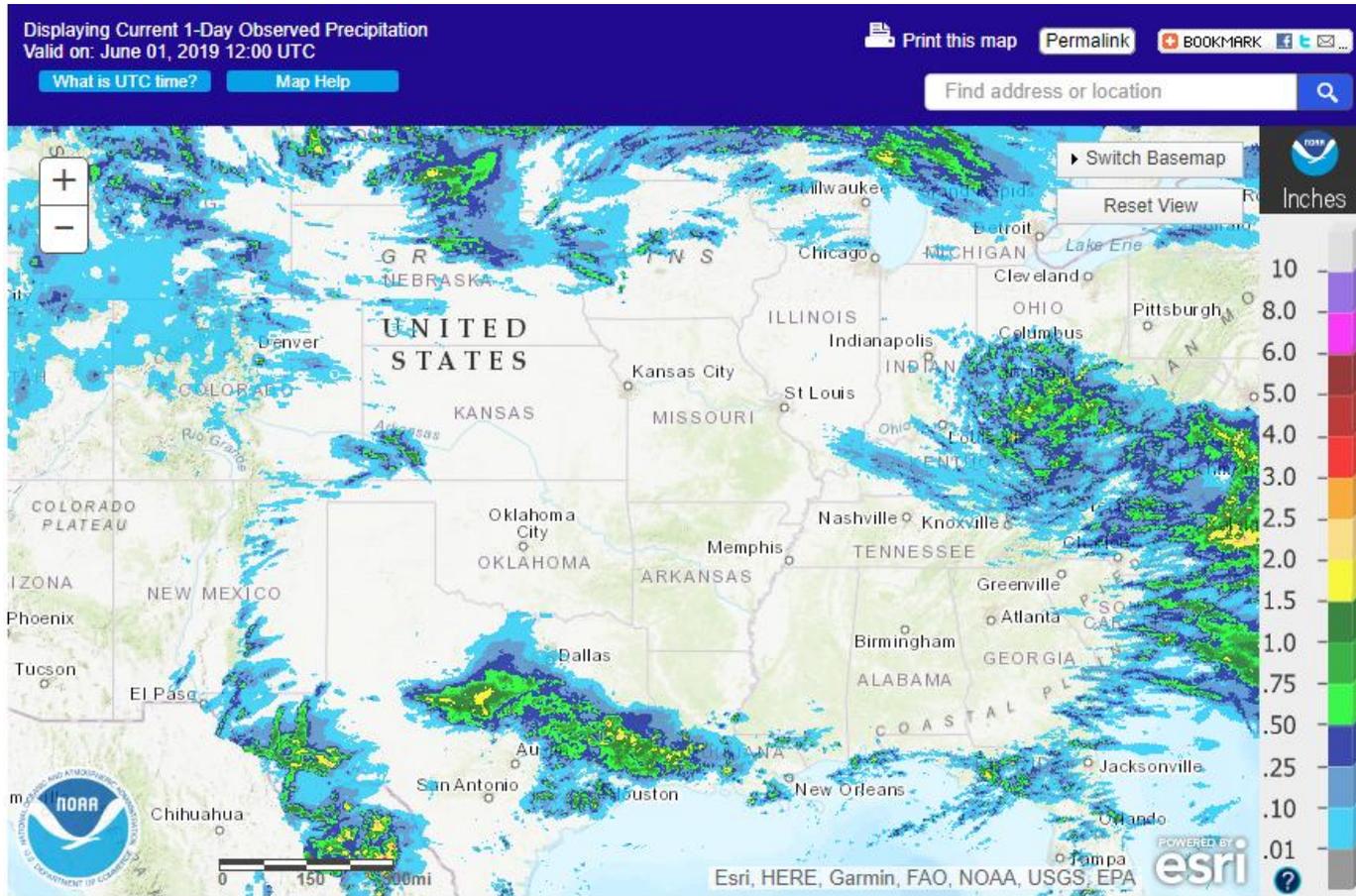
- Significant regional and local precipitation has led to a return to major flood levels on the Mississippi River.
- Due to the sustained exposure to high water, infrastructure such as levee systems are starting to become stressed, with several major failures occurring. Sandbagging efforts are underway at multiple locations. Some evacuations are occurring as levee systems fail.
- Only light precipitation is expected for the Missouri basin in the next two days, however rains are forecast to return to the region towards the middle of next week.
- 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.

# Regional River Gage Status



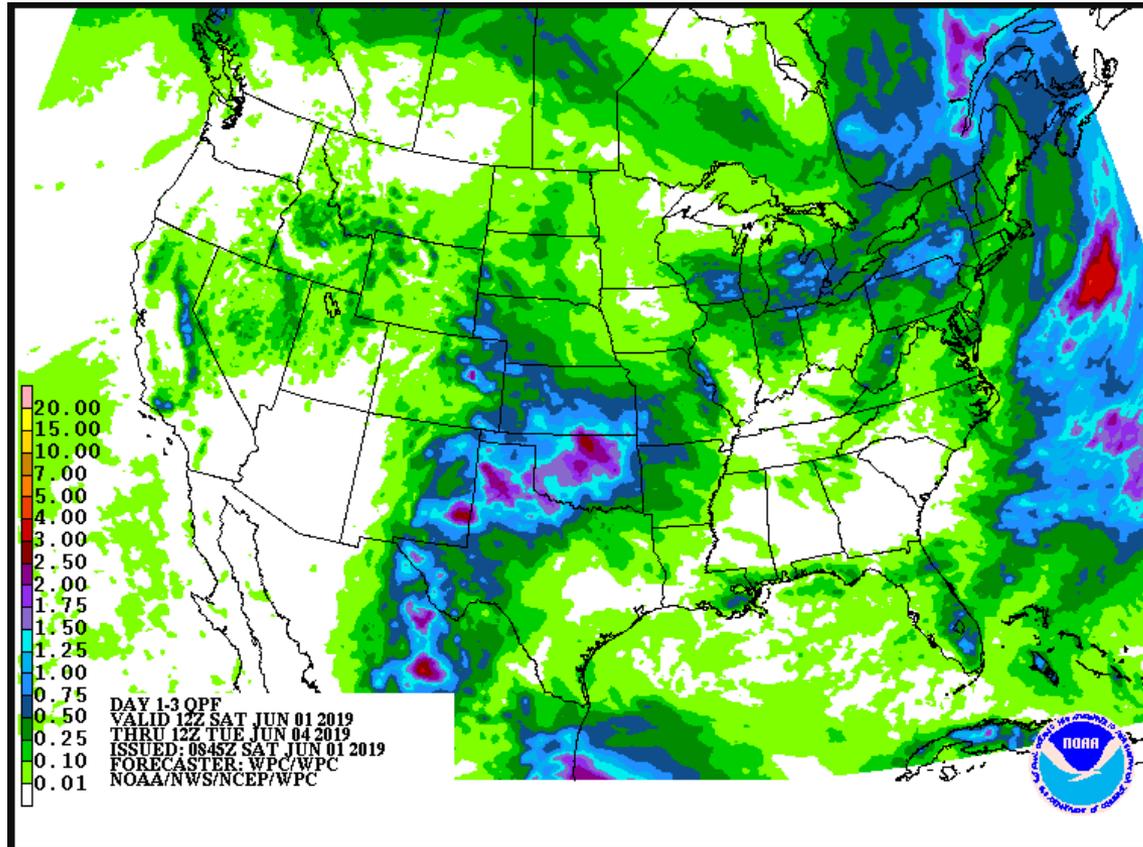


# 24-hour Observed Precipitation





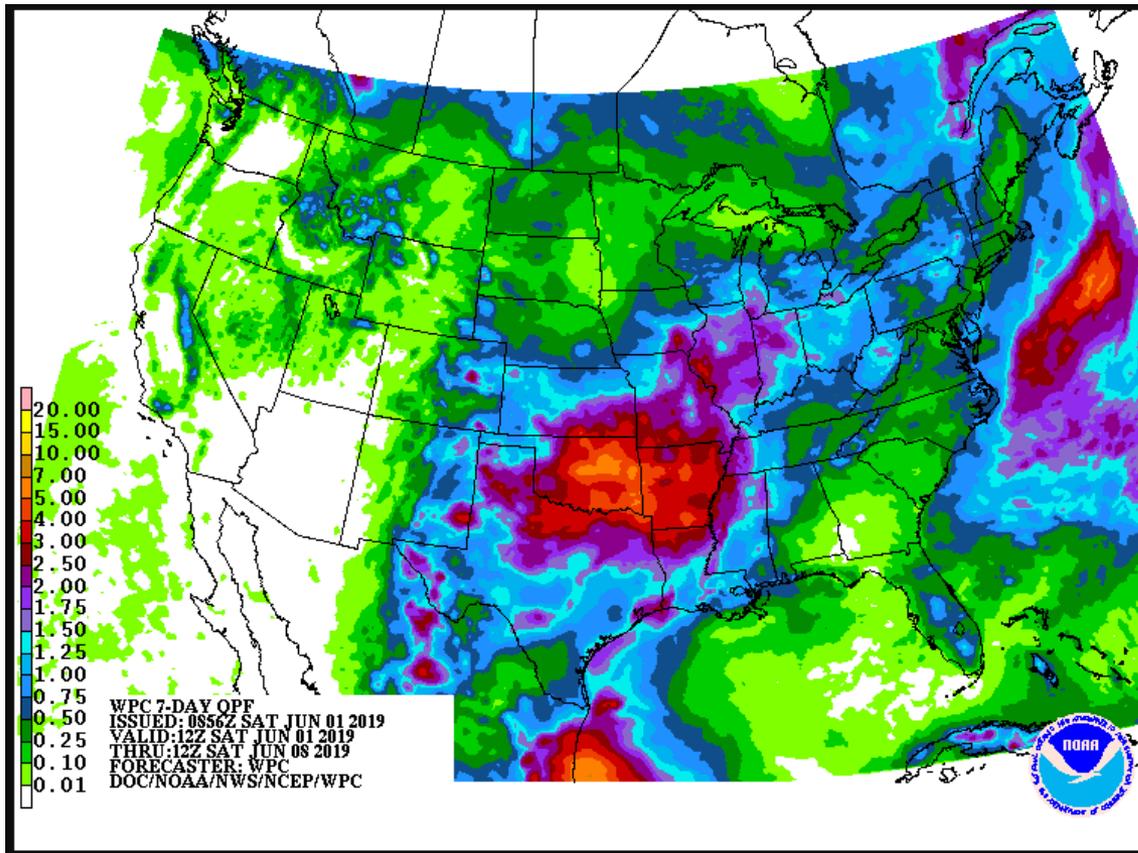
# Three-day Total Quantitative Precipitation Forecast (QPF)

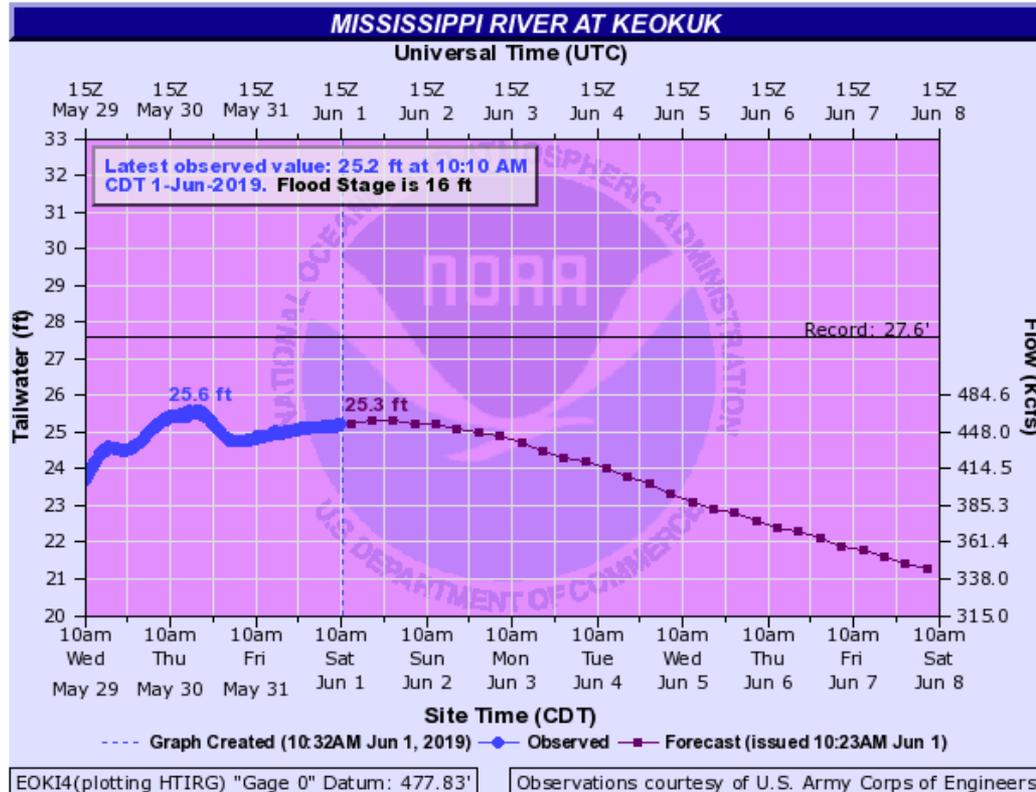




**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

# Seven-day Total Quantitative Precipitation Forecast (QPF)

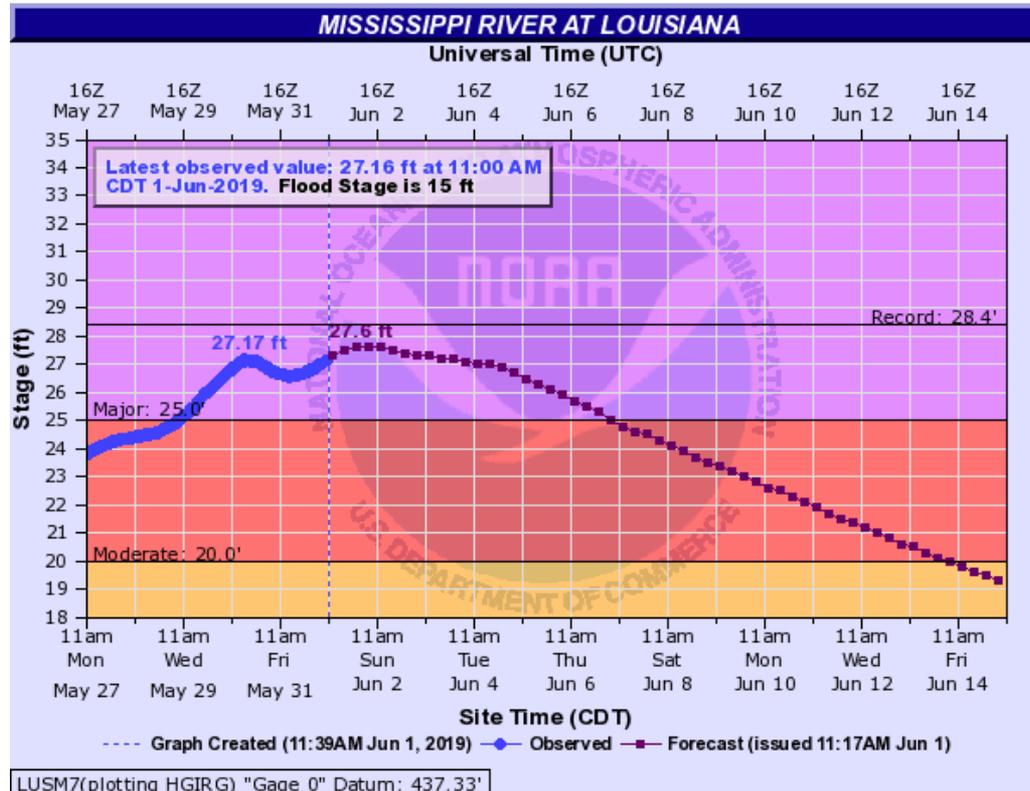




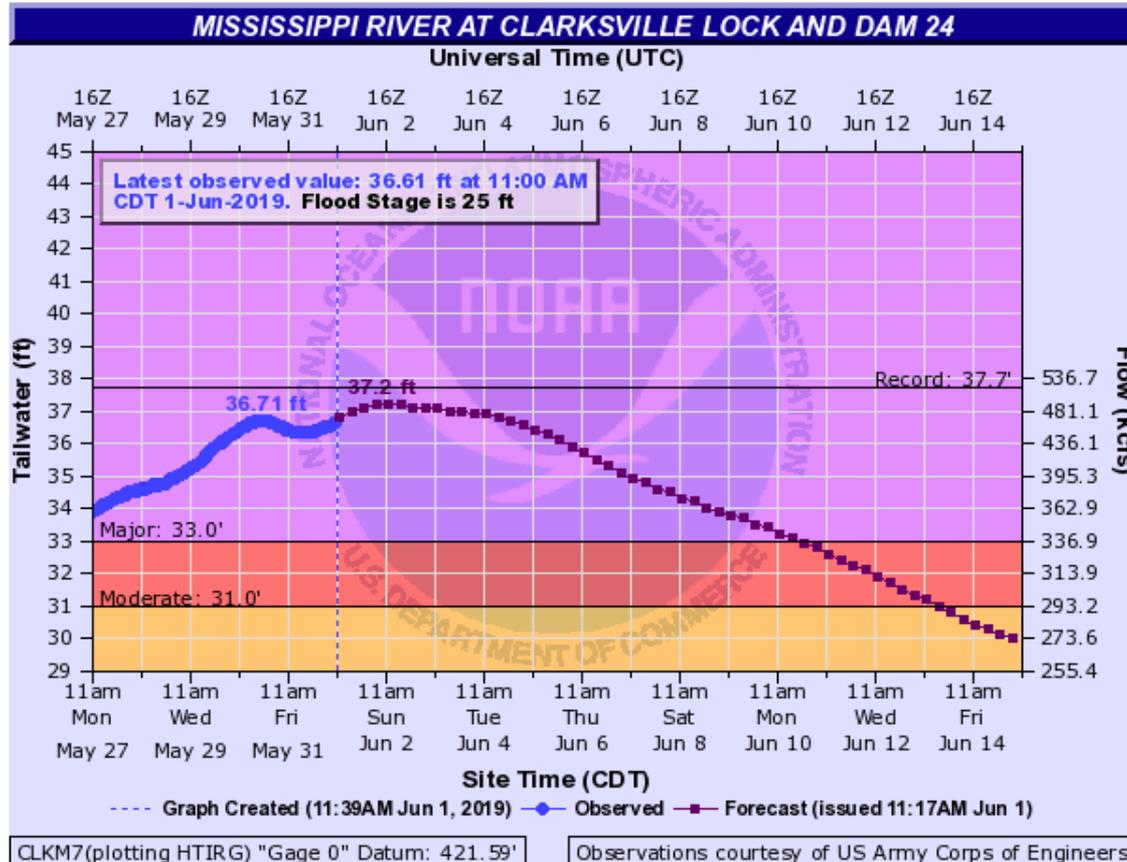
- The Mississippi River at Keokuk is in major flood stage at 25.3 feet and is forecast to remain at these levels for the next few days.
- Moderate flood stage at Keokuk occurs at 17.5 feet and major flood stage occurs at 19.0 feet.
- [Flood impacts at Keokuk](#)



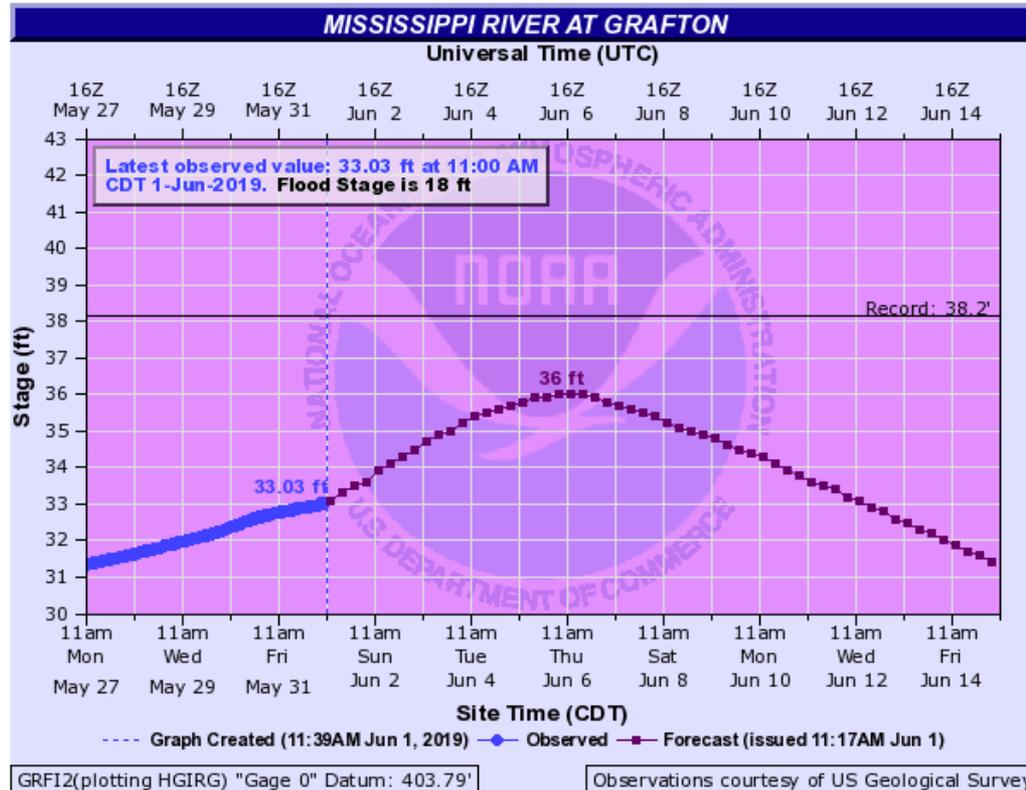
- The Mississippi River at Hannibal is in major flood stage at 29.95 feet and cresting.
- Moderate flood stage at Hannibal occurs at 22.0 feet, and major flood stage occurs at 24.0 feet.
- [Flood impacts at Hannibal](#)



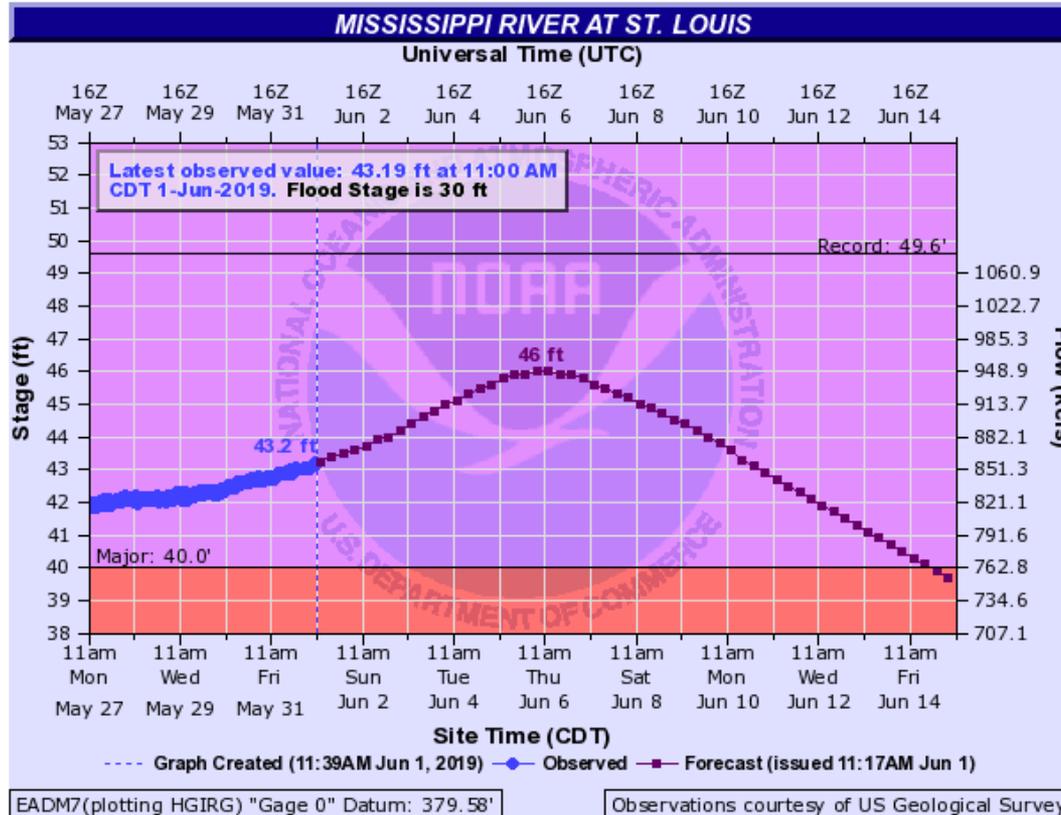
- The Mississippi River at Louisiana is in major flood stage at 27 feet and is forecast to remain at these levels through next week.
- Moderate flood stage at Louisiana occurs at 20.0 feet and major flood stage occurs at 25.0 feet.
- [Flood impacts at Louisiana](#)



- The Mississippi River at Clarksville Lock and Dam 24 is in major flood stage at 36.71 feet and is forecast to remain at these levels through 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](#)



- The Mississippi River at Grafton is in major flood stage at 33 feet and is forecast to rise to 36 feet later this week.
- Major flood stage at Grafton occurs at 29.0 feet.
- [Flood impacts at Grafton](#)



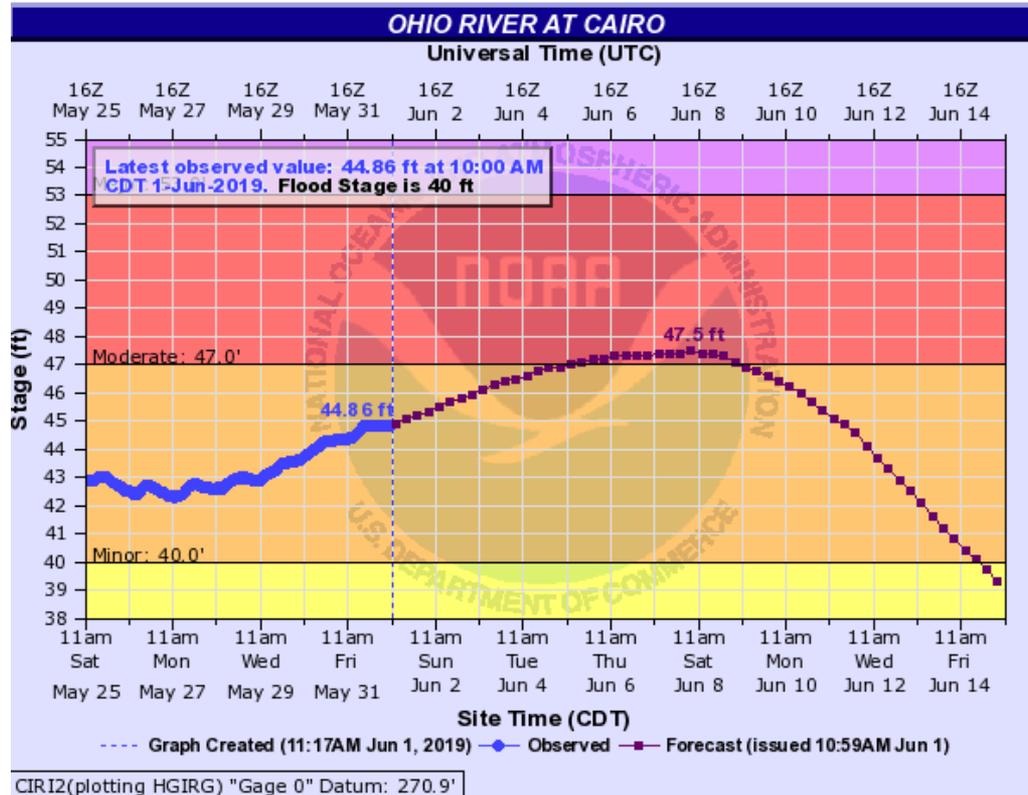
- The Mississippi River at St. Louis is in major flood stage at 42.2 feet and is forecast to crest in major flood stage at 46 feet later this week.
- Moderate flood stage at St. Louis occurs at 35.0 feet, and major flood stage occurs at 40.0 feet.
- Navigation is affected at these levels.
- [Flood impacts at St. Louis](#)



- The Mississippi River at Cape Girardeau is in major flood stage at 44.21 feet and is forecast to rise another 3 feet by next weekend.
- 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](#)



- The Mississippi River at New Madrid is approaching minor flood stage and is predicted to crest next weekend at 35.5 feet.
- [Flood Impacts at New Madrid](#)



- The Ohio River at Cairo is currently in minor flood stage at 44 feet, and is forecast to crest in moderate flood stage at 47 feet by next weekend.

# 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](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](https://dnr.mo.gov/geology/wrc/interstate-waters/mississippi_river.htm)