Missouri Water Resources Center

Mississippi River Flood Conditions Report

May, 1st 2019
Mississippi River Flooding Status

- Wide spread precipitation remains in the forecast for the upper Mississippi River basin including significant amounts in Illinois and Missouri.

- This rainfall has caused the river to rise back into major flood stage in several locations north of St. Louis. The river is predicted to rise into major flood stage for locations south of St. Louis over the next few days.

- The river is forecast to crest over the weekend above St. Louis and crest in the middle of next week for locations to the south.

- Forecasts for the Mississippi River are currently incorporating only 24-hour future precipitation for most river forecast locations.

- River levels this spring are now being dictated by regional precipitation events and residual soil moisture. Flooding on the Mississippi River earlier this spring was primarily driven by melting snowpack.

- The Ohio River gage at Cairo (at the confluence of the Ohio and Mississippi Rivers) is in moderate flood stage and is expected to remain below 50 feet.
Regional River Gage Status
24-hour Observed Precipitation

Daily Mean Areal Precipitation
For the Period Ending 05/01/2019 12 UTC
3 Day Total Quantitative Precipitation Forecast (QPF)
7-Day Total Quantitative Precipitation Forecast (QPF)
The Mississippi River at Keokuk has risen into major flood stage and predicted to crest at 22.8 feet by weeks end.

At Keokuk, the river levels of 19 feet close U.S Highway 61 at the bridge over the Des Moines River and affect County Road 12.
• The Mississippi River at Hannibal has risen into major flood stage and is predicted to crest at 28.8 feet this weekend.
• At 22.8 feet Highway 79 begins flooding south of Hannibal, and it may be closed from south of Hannibal to Route N and flood gates at Broadway Avenue and Main Street are installed.
The Mississippi River at Clarksville has risen into major flood stage and is predicted to crest at 36.4 feet this weekend.

At 33 feet Clarksville businesses on 1st to 3rd street begin to flood.
The Mississippi River at St. Louis has risen into major flood stage and is predicted to crest at 42.5 feet early next week.
• The Mississippi River at Cape Girardeau has risen to major flood stage and is predicted to crest at 44 feet on Monday (05/06/2019).
• At Cape Girardeau at 36 feet the flood gage at Themis Street closes and at 38 feet the flood gate at Broadway Street closes.
• The Ohio River (at the confluence with the Mississippi River) at Cairo, Illinois is in moderate flood stage at 49.08 feet and predicted to begin receding before rising again next week. The river is currently predicted to remain below 50 feet.
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
- Missouri Water Resources Center – Mississippi River Informational Page: https://dnr.mo.gov/geology/wrc/interstate-waters/mississippi_river.htm