

# Missouri Water Resources Center

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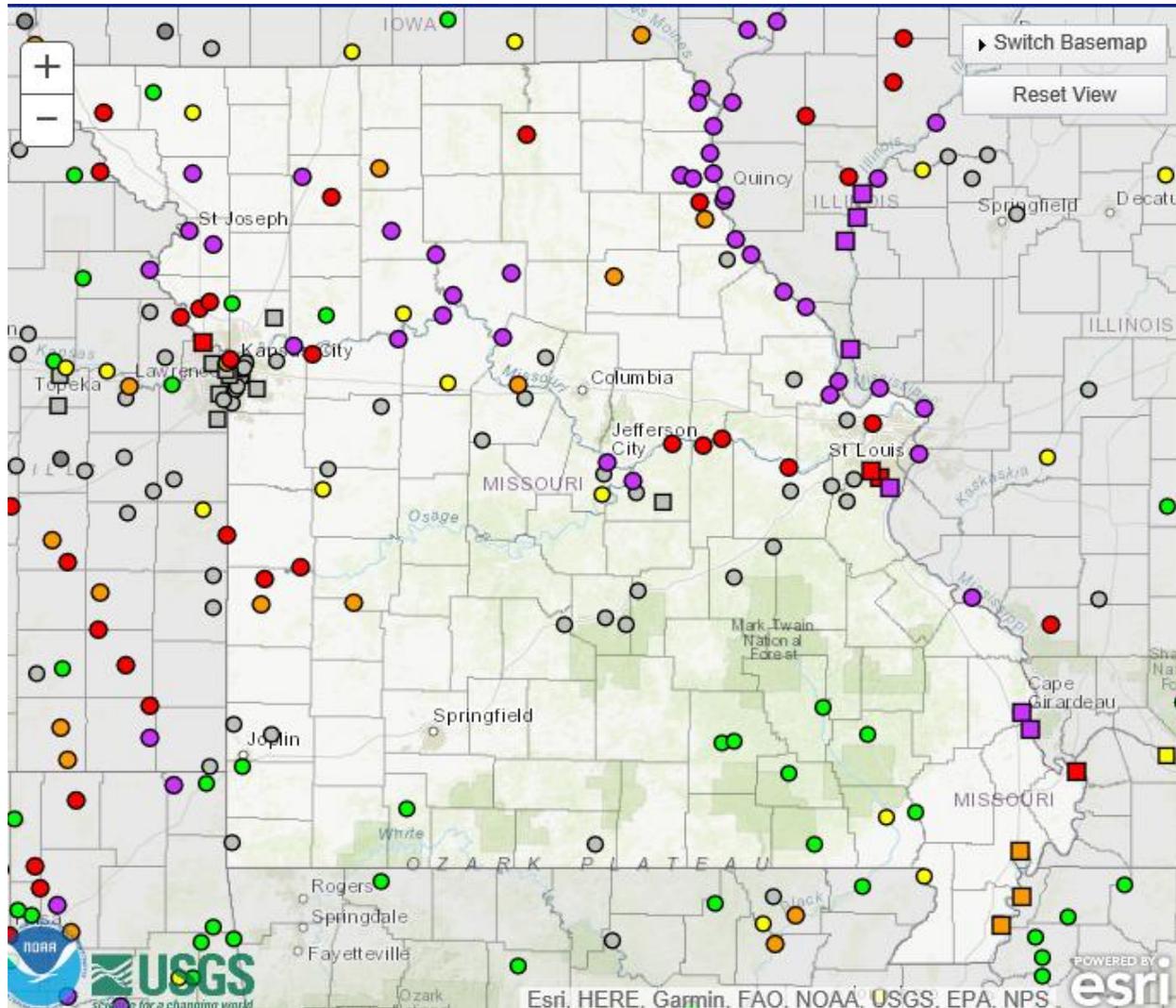
Small Rivers and Streams Flood Conditions Report  
May 30, 2019

# Small Rivers and Streams Forecast for Moderate to Major Flood Levels in Missouri

- Northern Missouri as well as the Bootheel region may receive from no precipitation 0.01 to 0.1 inches through Sunday morning. Other parts of the state may not receive precipitation during the next three days. For the next seven days, western Missouri may receive one to two inches and eastern Missouri may receive 0.75 to 1.25 inches. Far-southern Missouri excluding the Bootheel region may receive 0.25 to 0.5 inches.
- River forecasts for the small rivers are including past precipitation and only precipitation forecast to occur in the next 24 hours. The National Oceanic and Atmospheric Administration is forecasting runoff amounts from that precipitation to create moderate and major flooding in many smaller rivers and streams in the northern and central portions of the state.
- Daily river forecasts released during the next several days may present forecasts varying from day to day.



# River Conditions Forecast



□	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





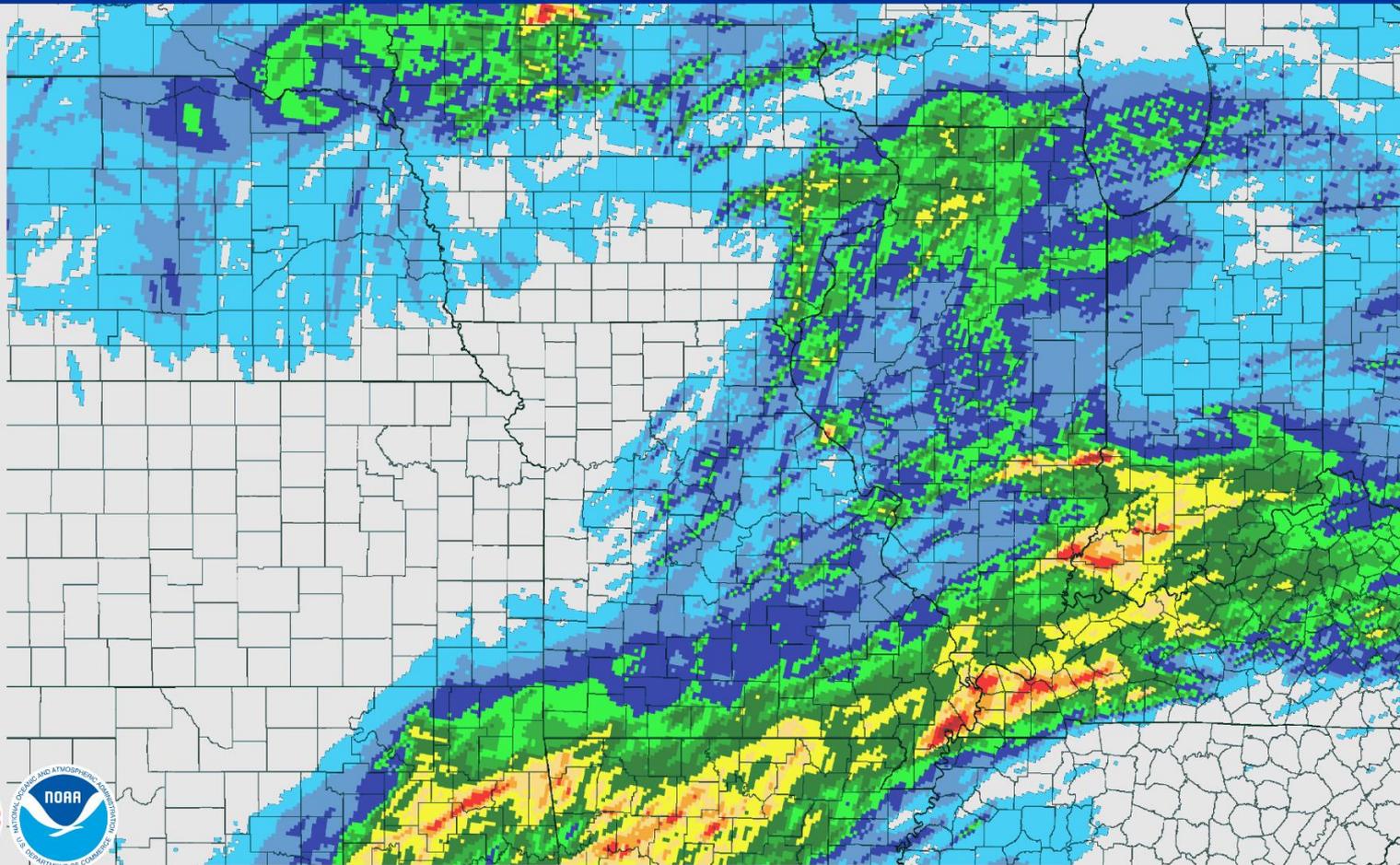
**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

# 24-hour Observed Precipitation

May 30, 2019 1-Day Observed Precipitation

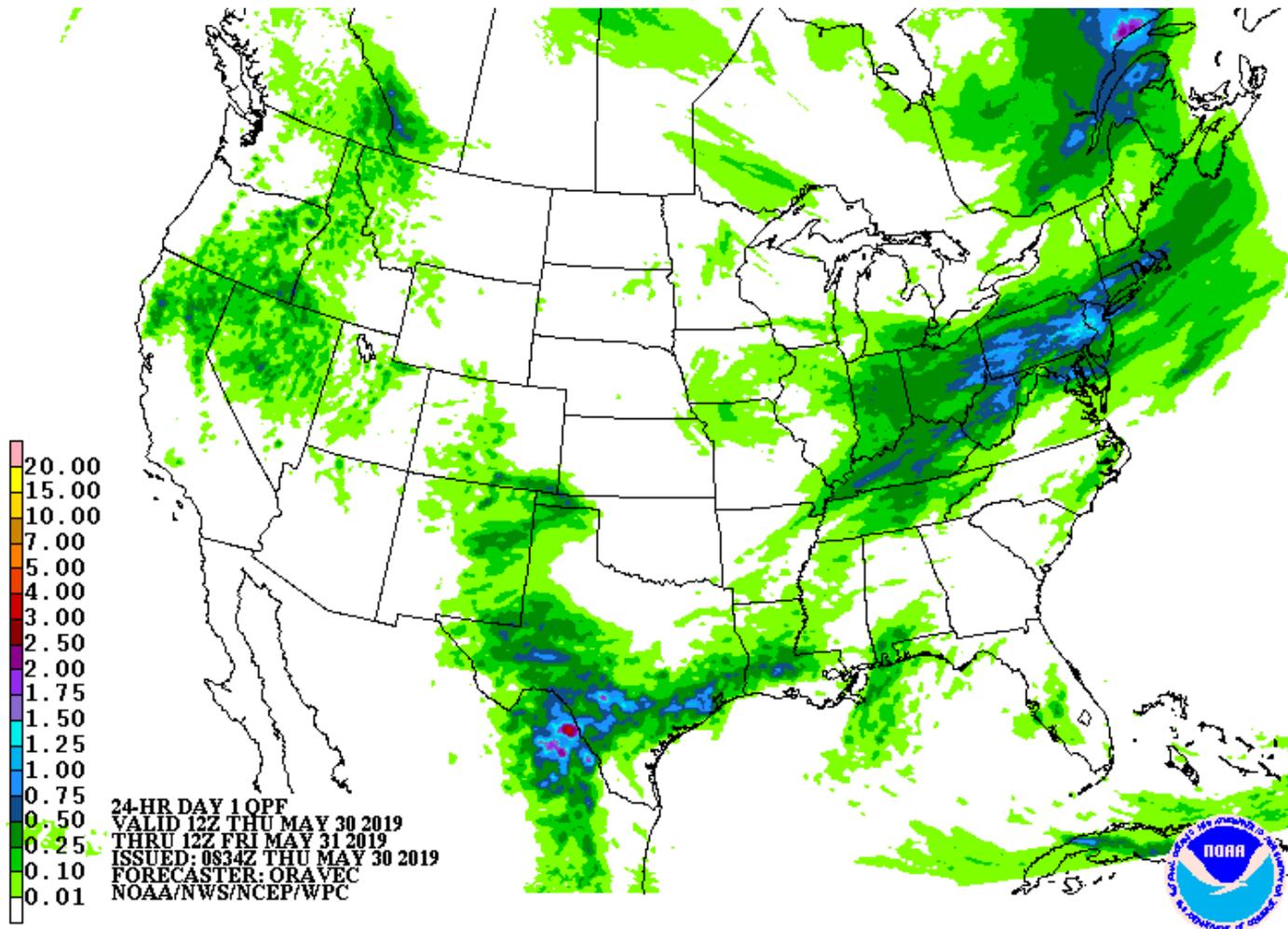
Created on: May 30, 2019 - 14:18 UTC

Valid on: May 30, 2019 12:00 UTC



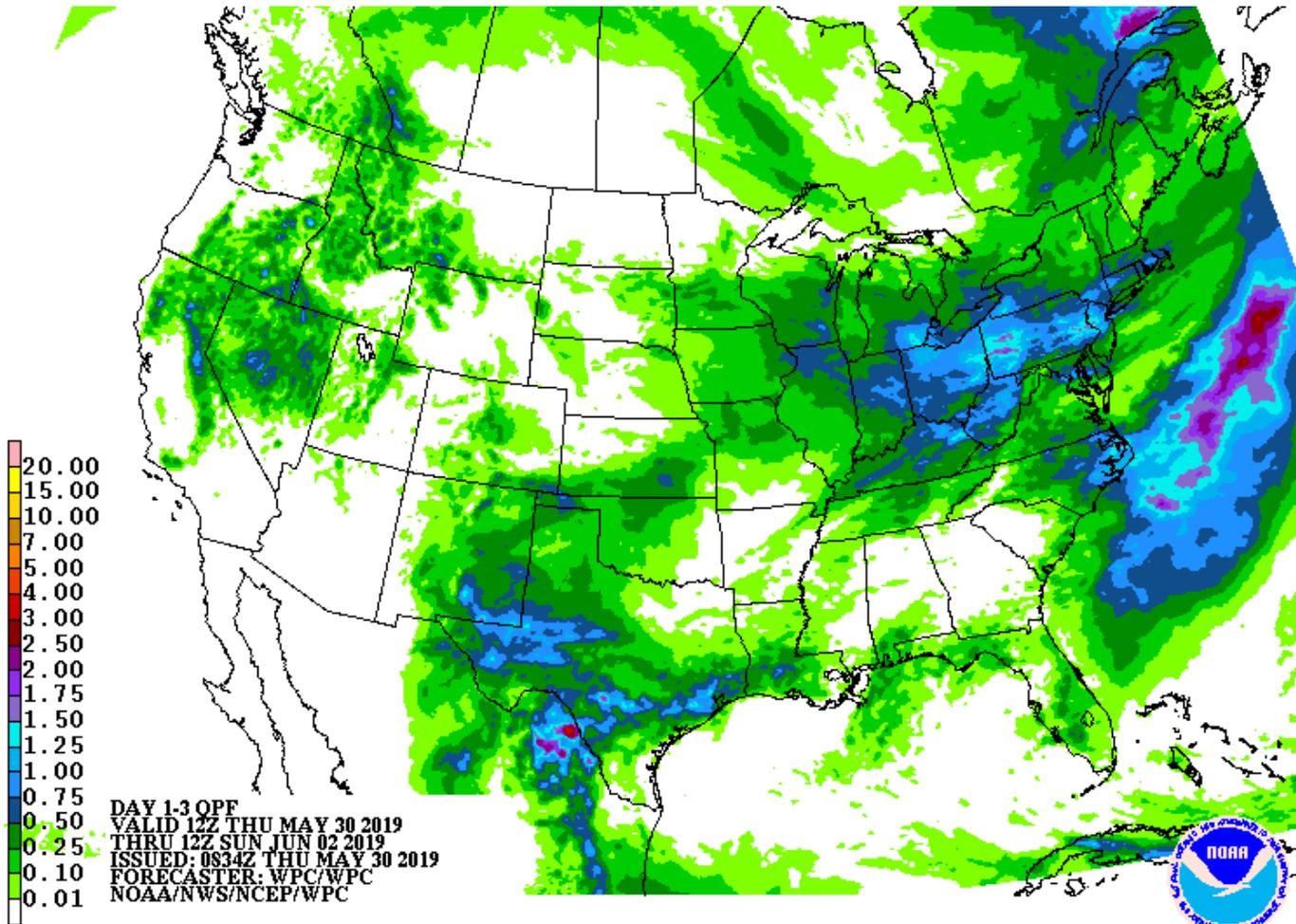


# One-day Total Quantitative Precipitation Forecast (QPF)





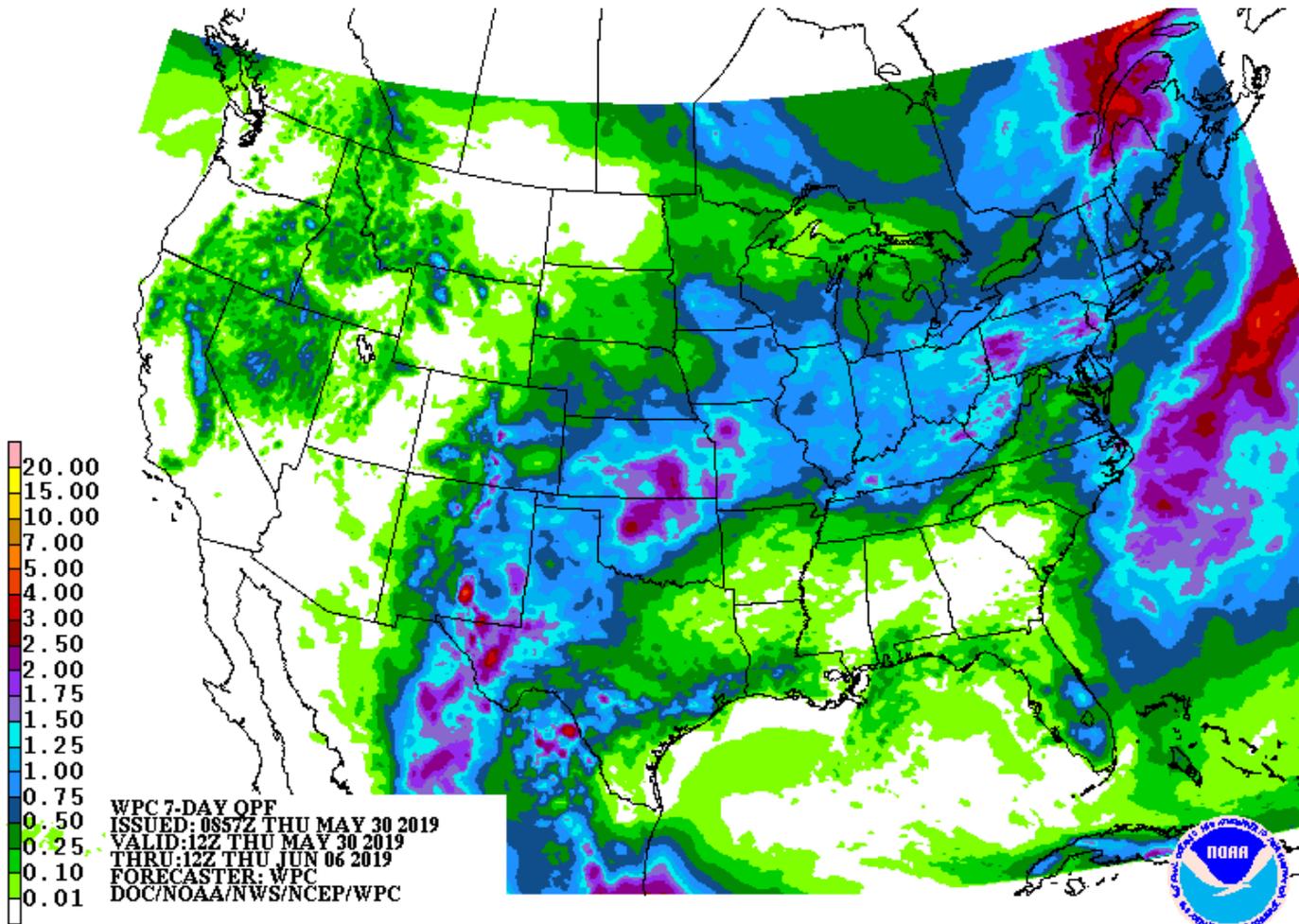
# Three-day Total Quantitative Precipitation Forecast (QPF)



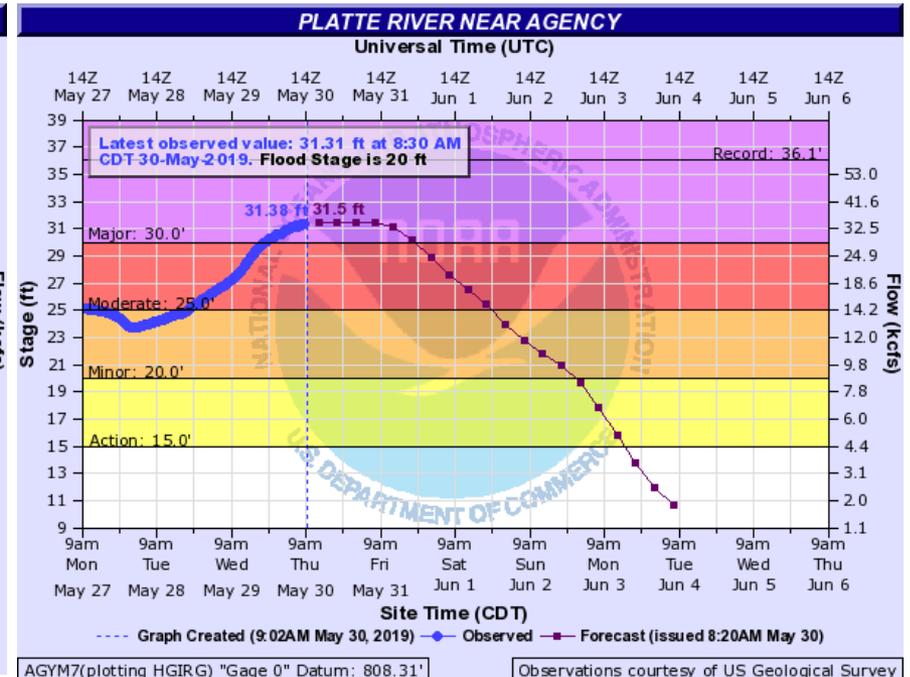
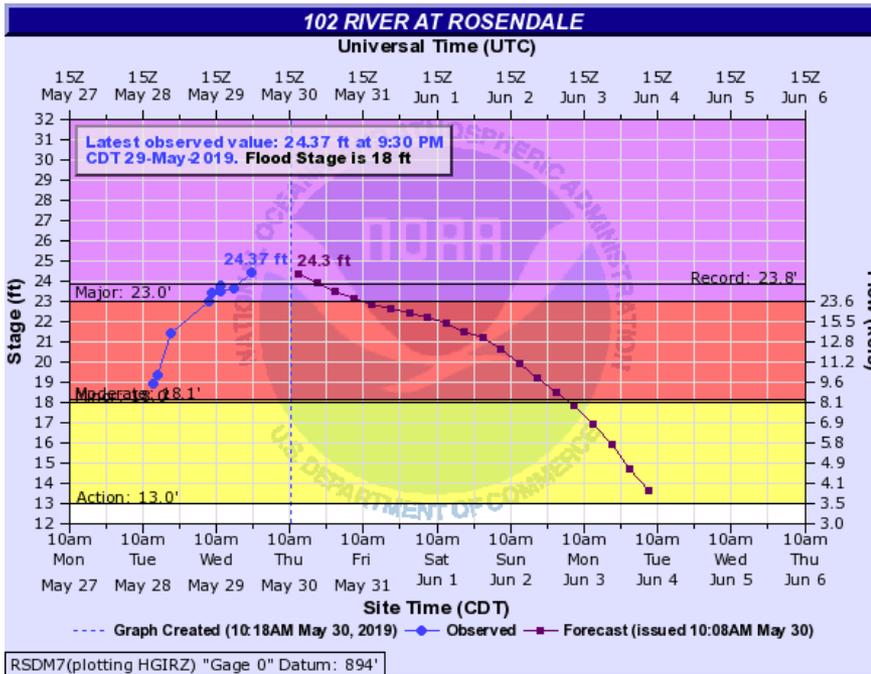


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# 7-day Total Quantitative Precipitation Forecast (QPF)



# Small Rivers and Streams Forecast for Major Flood Levels in Missouri

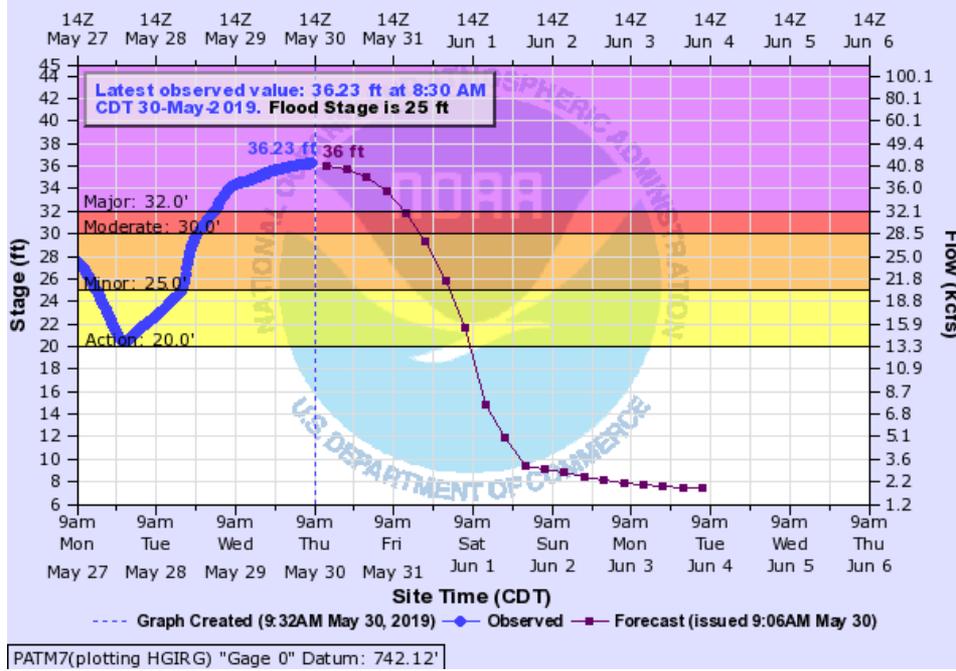


- The 102 River at Rosendale is forecast to crest at 24.3 feet at major flood stage Thursday. [102 River at Rosendale](#)
- The Platte River near Agency is forecast to crest at 31.5 feet Thursday. [Platte River near Agency](#)



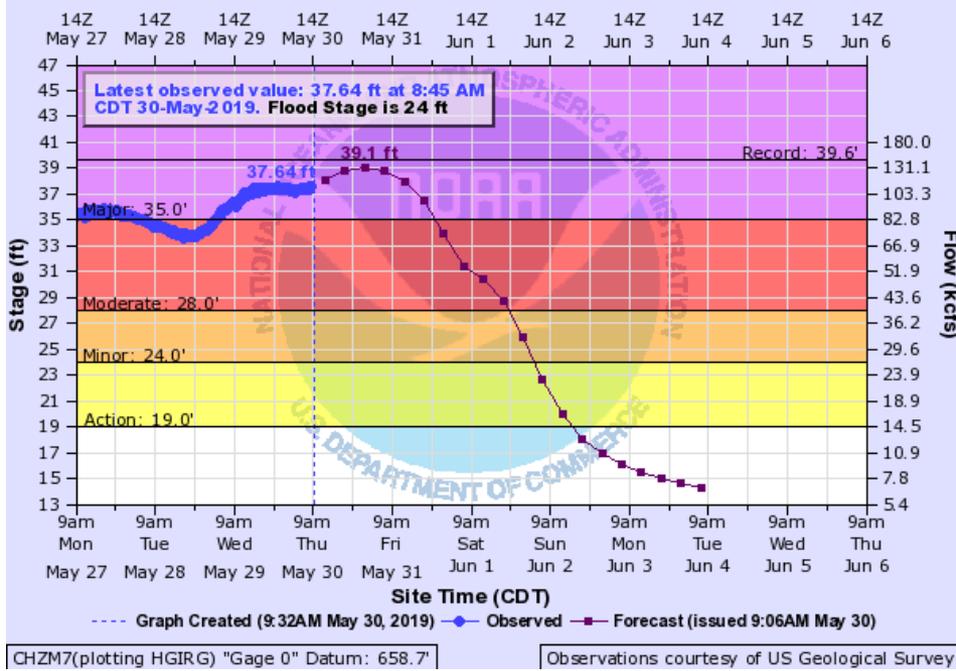
**GRAND RIVER NEAR PATTONSBURG**

Universal Time (UTC)



**GRAND RIVER NEAR CHILLICOTHE**

Universal Time (UTC)



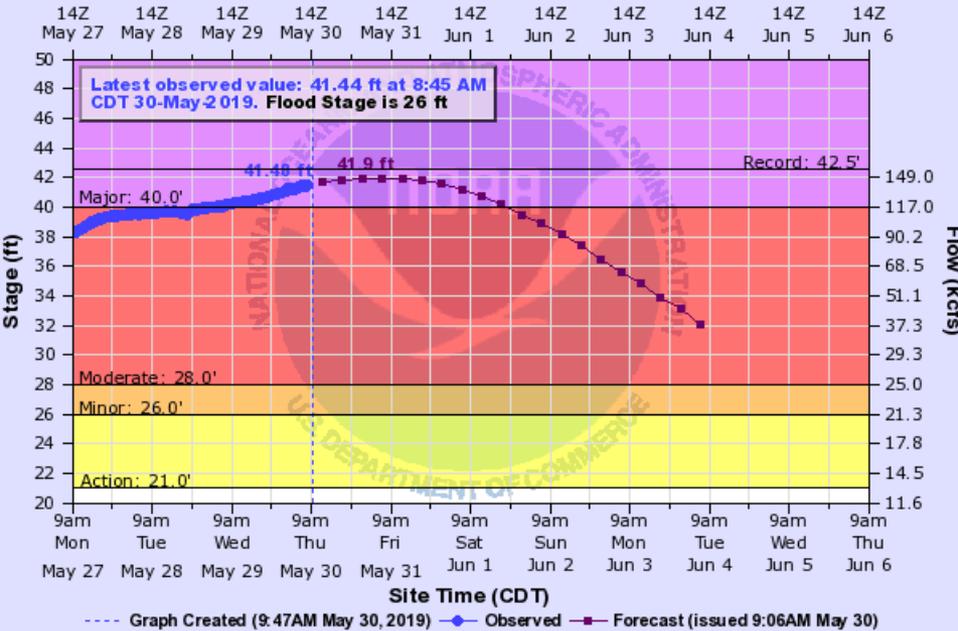
- The Grand River near Pattonsburg appears to be cresting now at 36.3 feet. [Grand River near Pattonsburg](#)
- The Grand River near Chillicothe is forecast to crest at 39.1 feet in major flood stage late Thursday night. [Grand River near Chillicothe](#)



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## GRAND RIVER NEAR SUMNER

Universal Time (UTC)

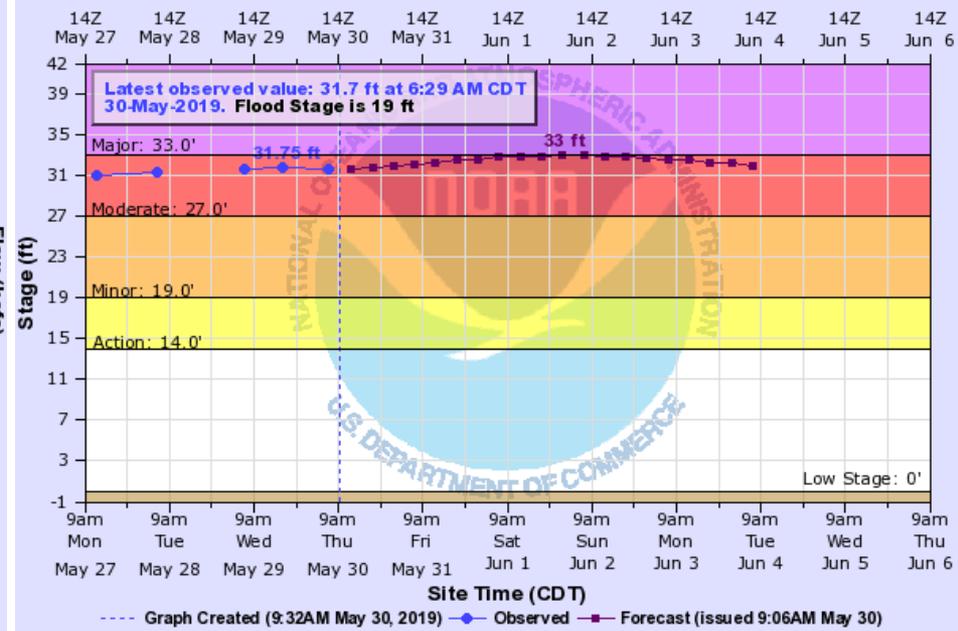


SNZM7(plotting HGIRG) "Gage 0" Datum: 631.18'

Observations courtesy of US Geological Survey

## GRAND RIVER NEAR BRUNSWICK

Universal Time (UTC)



BRNM7(plotting HGIRZ) "Gage 0" Datum: 615.52'

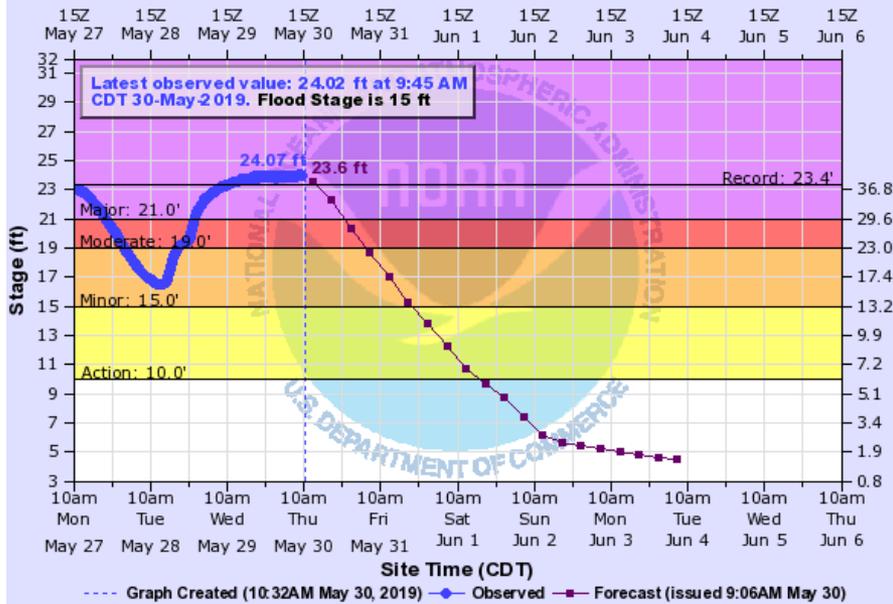


- The Grand River near Sumner is forecast to crest at 41.9 feet Friday morning. [Grand River near Sumner](#)
- The Grand River near Brunswick is forecast to rise only slightly at least until the middle of next week cresting at 33 feet at major flood stage Sunday. [Grand River near Brunswick](#)



**CHARITON RIVER NEAR PRAIRIE HILL**

Universal Time (UTC)

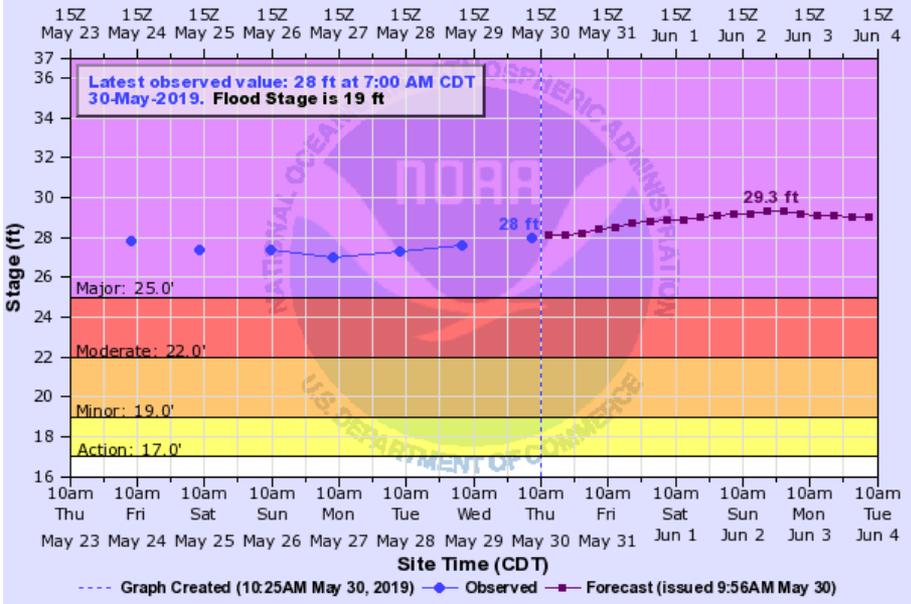


PRIM7(plotting HGIRZ) "Gage 0" Datum: 632.05'

Observations courtesy of US Geological Survey

**OSAGE RIVER AT MARI-OSA CAMPGROUND**

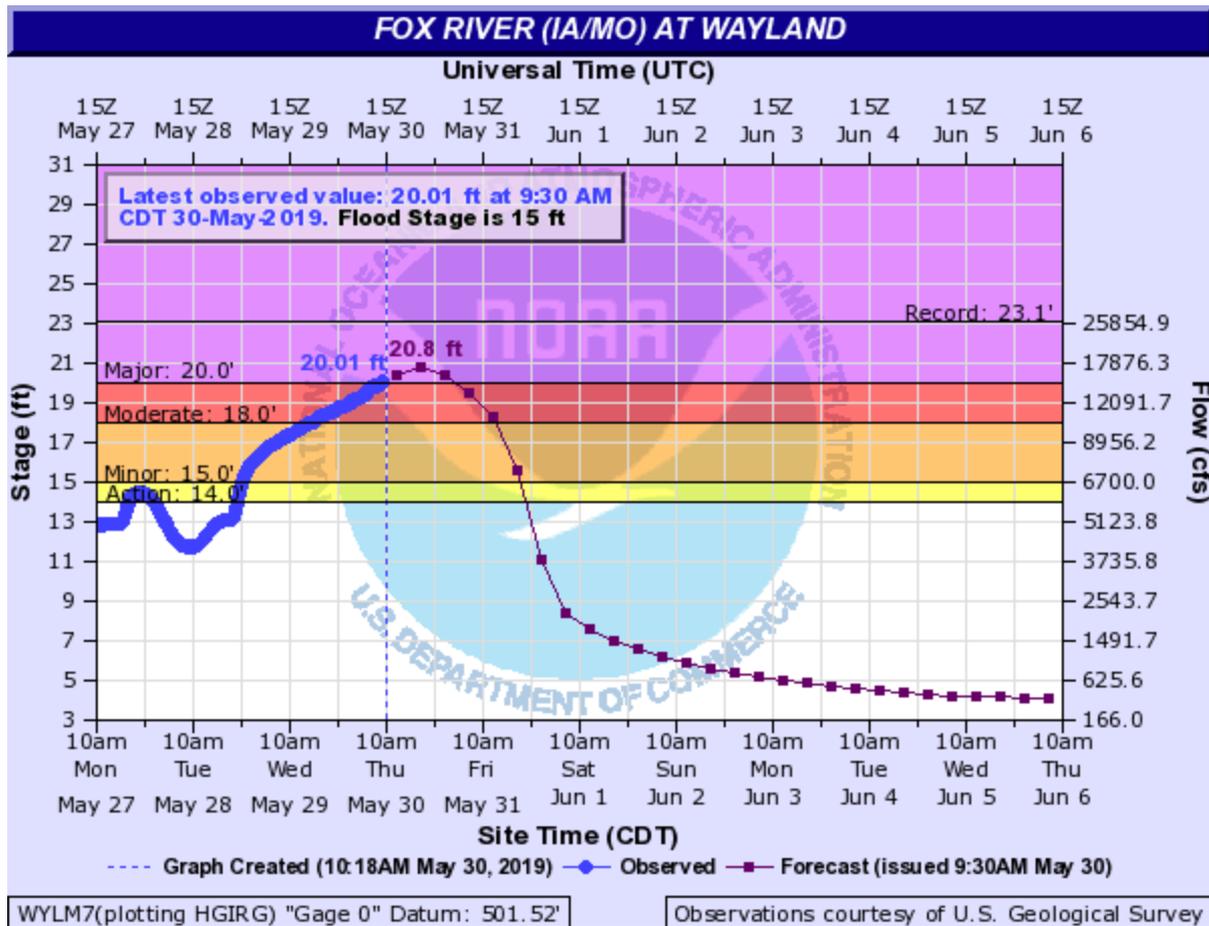
Universal Time (UTC)



MOAM7(plotting HGIRZ) "Gage 0" Datum: 513.15'



- The Chariton River near Prairie Hill is cresting now at 24 feet in major flood stage. [Chariton River near Prairie Hill](#)
- The Osage River at Mari-Osa Campground is forecast to slowly rise for the next several days and crest at 29.3 feet in major flood stage Monday. [Osage River at Mari-Osa Campground](#)



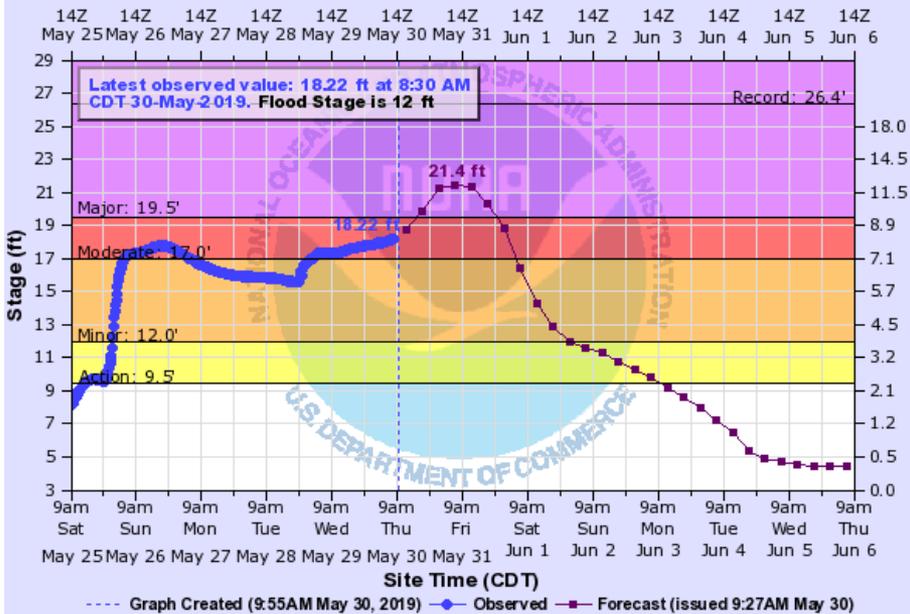
- The Fox River at Wayland is forecast to crest at 20.8 feet in major flood stage Thursday evening. [Fox River at Wayland](#)



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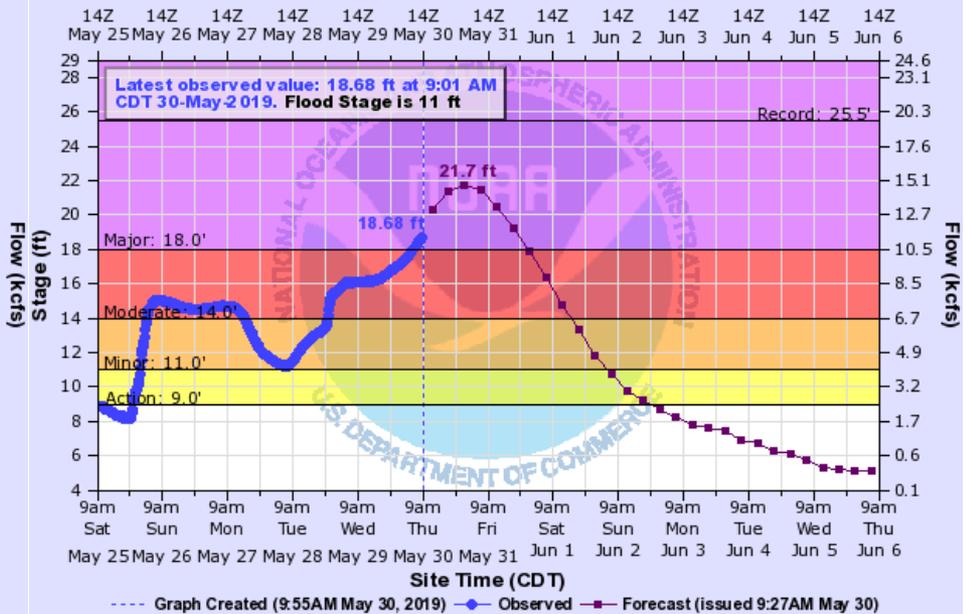
## MIDDLE FABIVS RIVER NEAR EWING

Universal Time (UTC)



## NORTH FABIVS RIVER NEAR EWING

Universal Time (UTC)

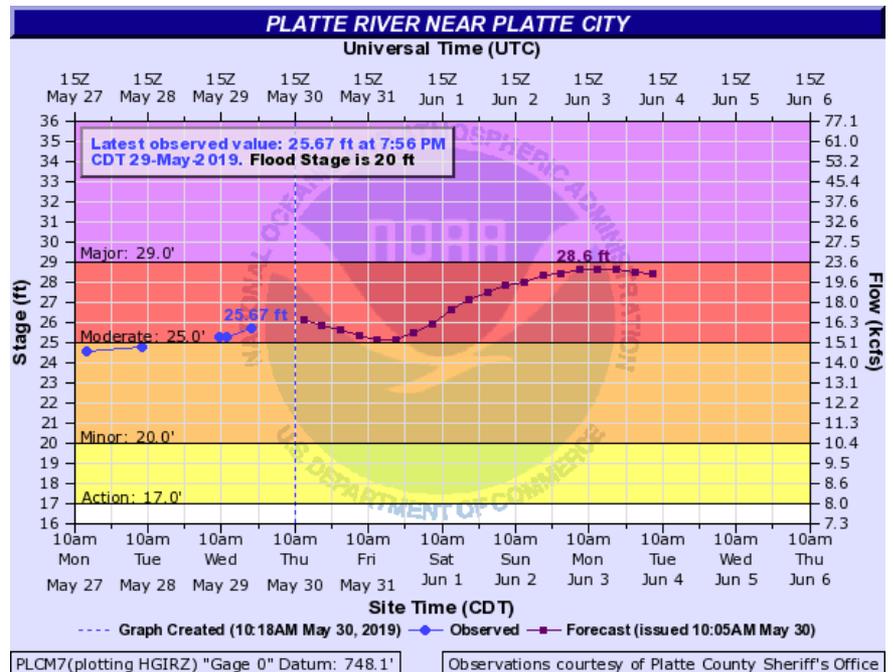
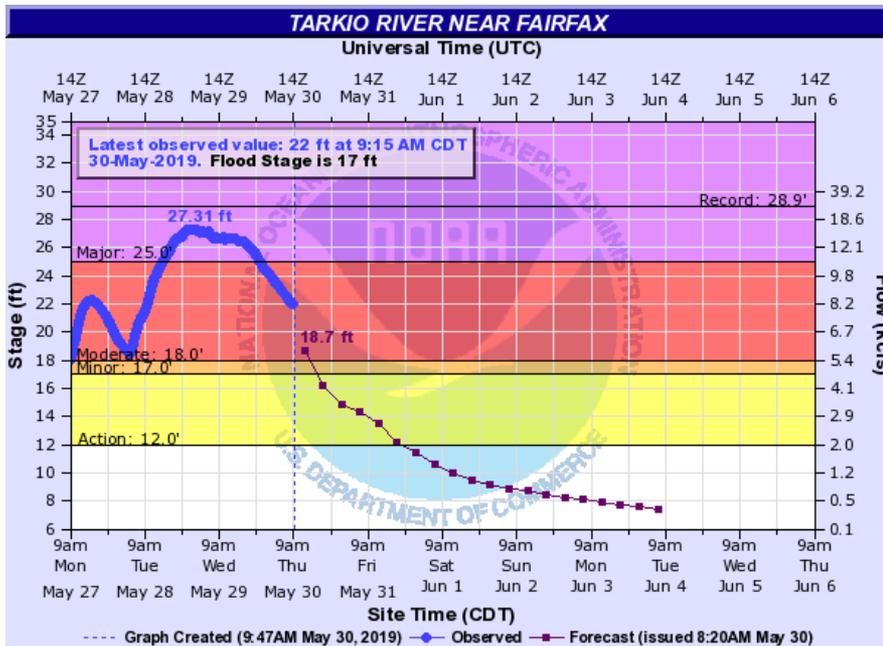


- The Middle Fabius River near Ewing is forecast to crest at 21.4 feet in major flood stage Friday morning. [Middle Fabius River near Ewing](#)
- The North Fabius River near Ewing is forecast to crest at 21.7 feet in major flood stage late Thursday night. [North Fabius River near Ewing](#)



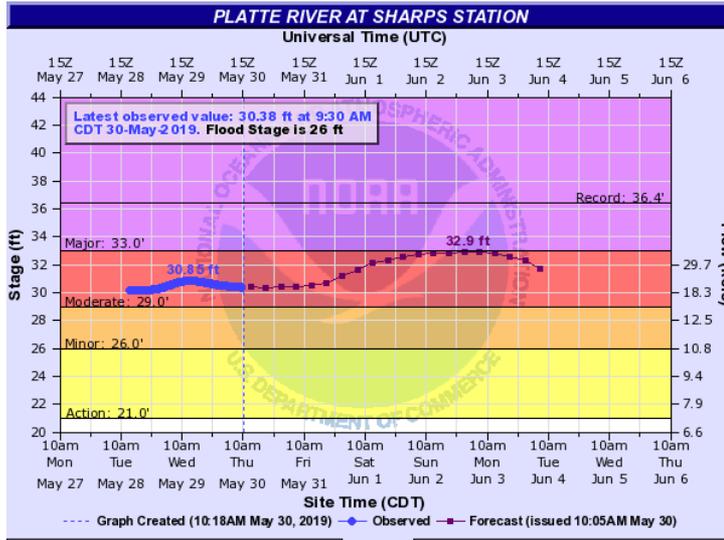
# Small rivers and Streams in Missouri Forecast for Moderate Flooding

Following is a visual summary of hydrographs of small rivers and streams in Missouri that are forecast for moderate flooding. More information is available at the websites referenced on the last page including impacts at various flood stages. (halfway down each National Weather Service hydrograph website)

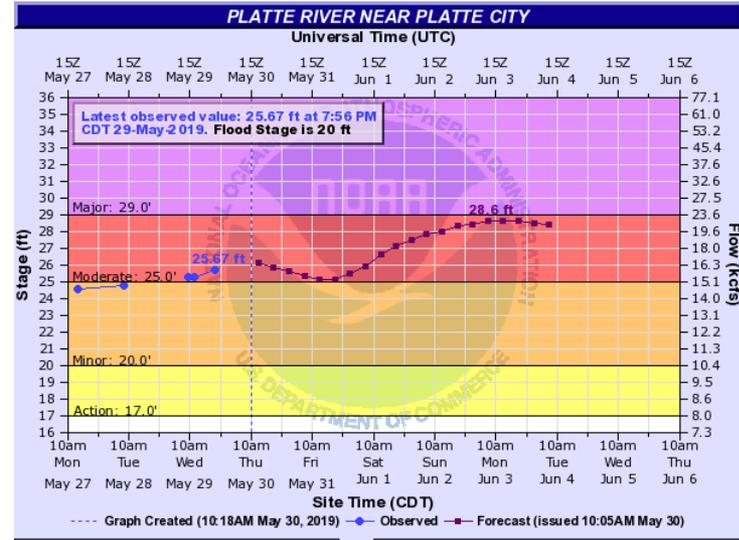




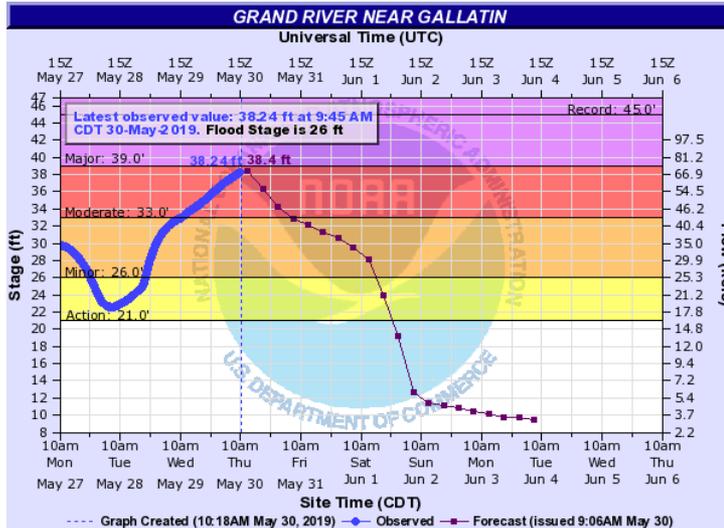
# Small Rivers Forecast for Moderate Flooding



SSTM7(plotting HGIRG) "Gage 0" Datum: 754.23' Observations courtesy of US Geological Survey



PLCM7(plotting HGIRZ) "Gage 0" Datum: 748.1' Observations courtesy of Platte County Sheriff's Office



GAZM7(plotting HGIRG) "Gage 0" Datum: 707.71' Observations courtesy of US Geological Survey

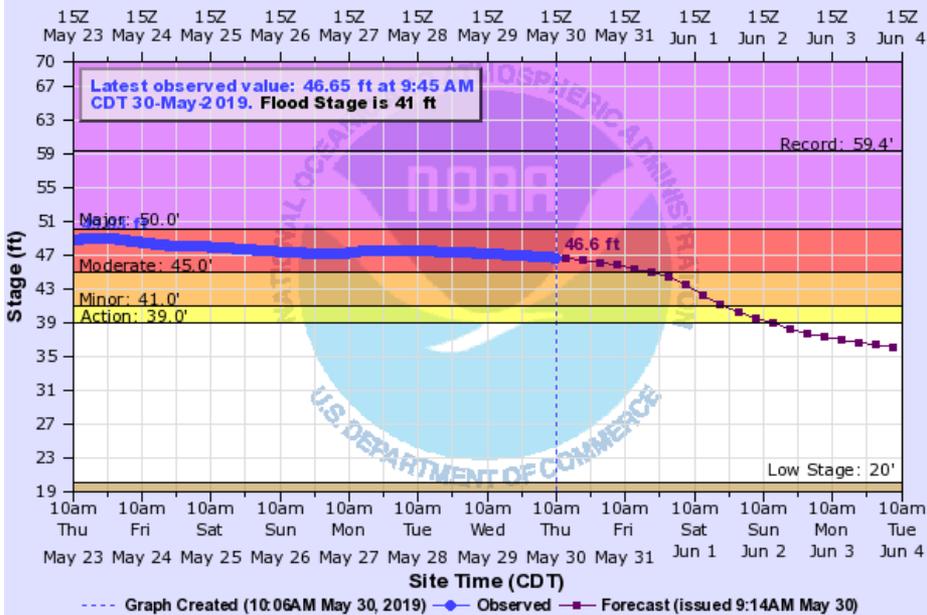




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## LITTLE OSAGE RIVER AT HORTON

Universal Time (UTC)

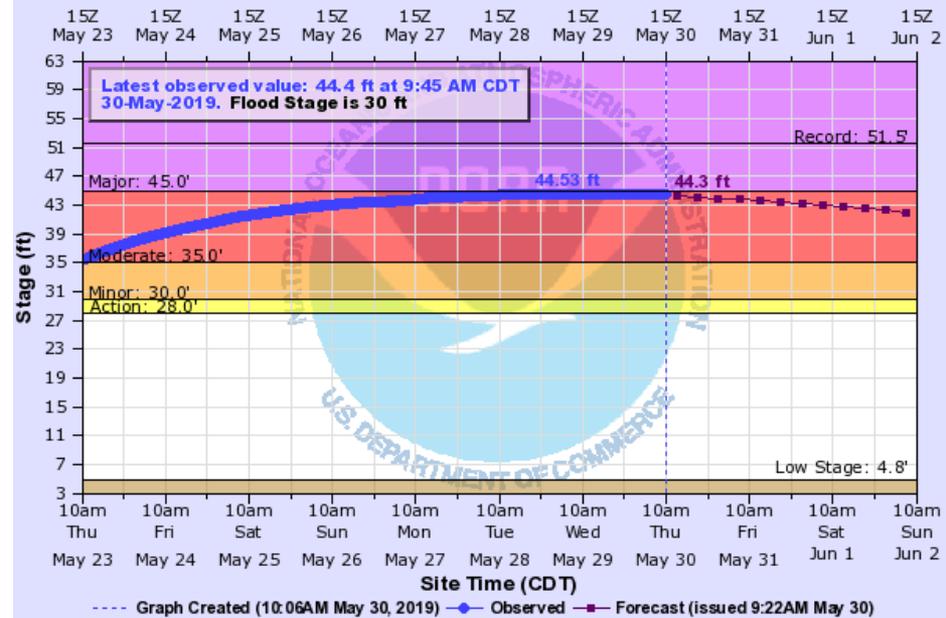


HTNM7(plotting HGIRG) "Gage 0" Datum: 700'

Observations courtesy of US Geological Survey

## OSAGE RIVER NEAR SCHELL CITY

Universal Time (UTC)

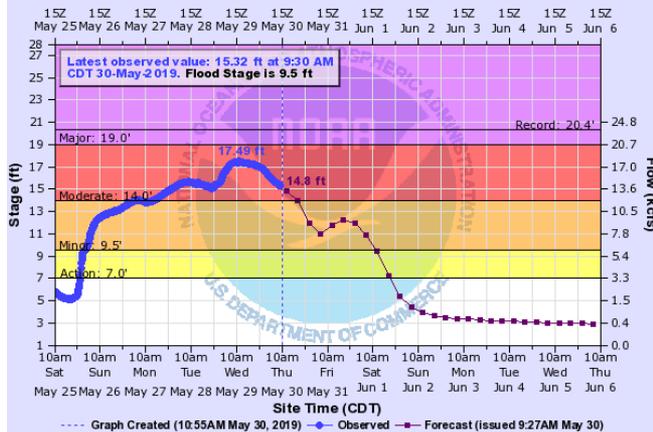


SCZM7(plotting HGIRG) "Gage 0" Datum: 700'

Observations courtesy of US Geological Survey

## SOUTH FABIUS RIVER NEAR TAYLOR

Universal Time (UTC)



TAYM7(plotting HGIRG) "Gage 0" Datum: 482.91'

Observations courtesy of US Geological Survey



# Resources for Further Information

- Department of Natural Resources Flood Page:  
<https://dnr.mo.gov/flood>
- National Weather Service – Missouri River Flooding:  
<https://www.weather.gov/oax/missouririverflooding>
- National Weather Service – River Forecasts, Missouri Basin:  
<https://water.weather.gov/ahps2/forecasts.php?wfo=EAX>
- Missouri Water Resources Center – Missouri River Informational Page: [https://dnr.mo.gov/geology/wrc/interstate-waters/missouri\\_river.htm](https://dnr.mo.gov/geology/wrc/interstate-waters/missouri_river.htm)