

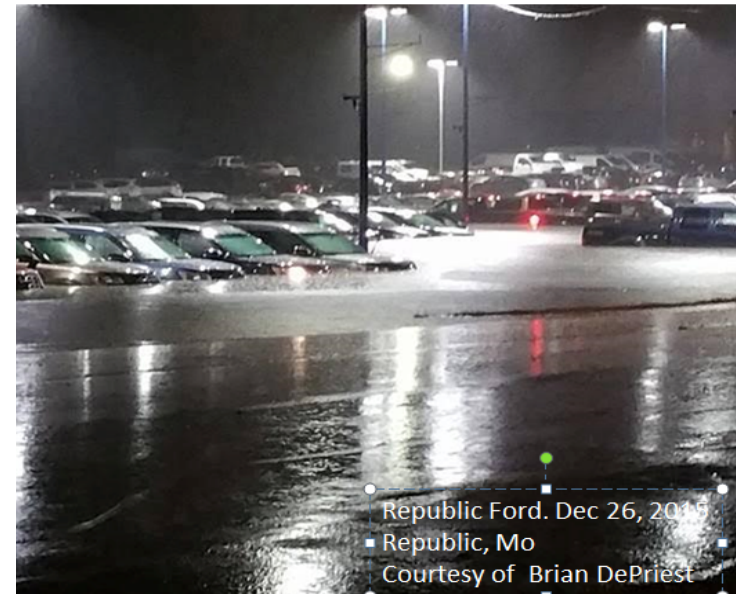
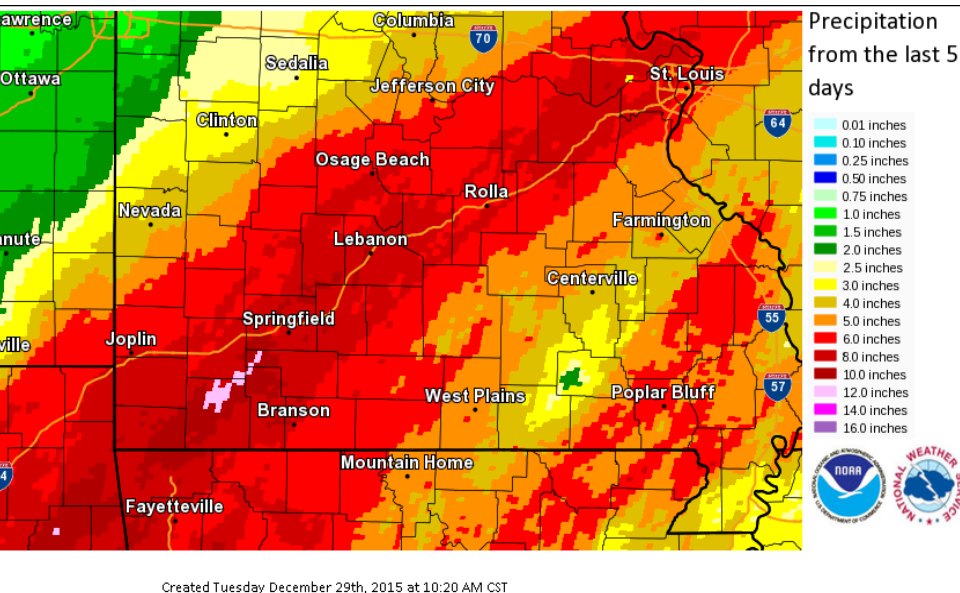
Recent flooding and drought in Missouri

Todd Sampsell
Deputy Director
Missouri Department of Natural Resources



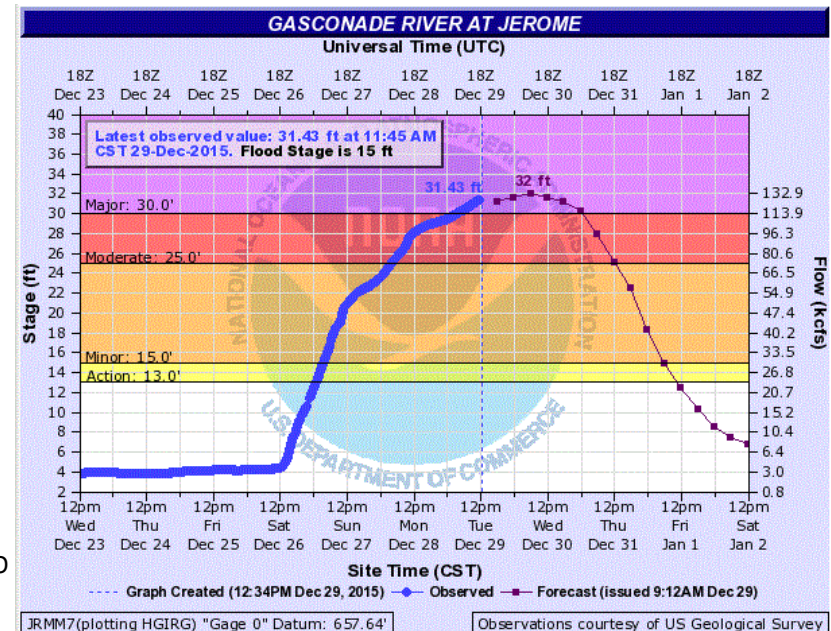
Major flooding in late December 2015

Precipitation Total: Dec 24 -29, 2015



I-44
 Near
 Jerome
 MO

Source: NWS Springfield, MO

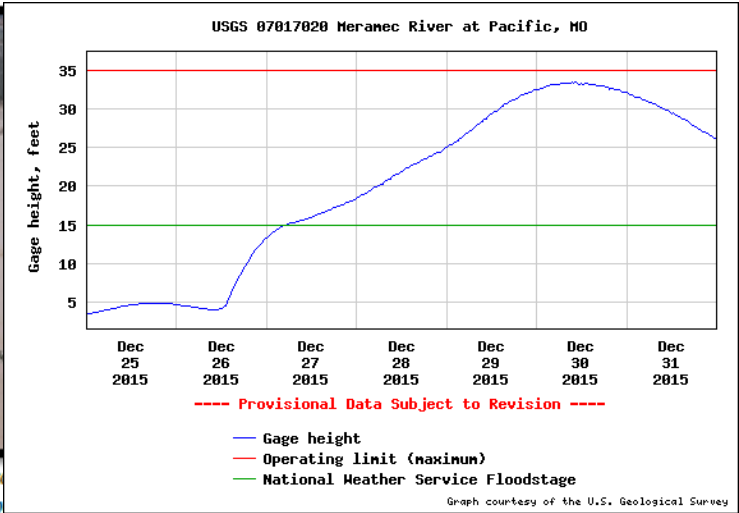


Thousands of homes and business were impacted by the flooding of these two rivers. Below are just a few pictures of the damage that occurred from Union to Arnold. Property damage estimates are expected to top 1 billion dollars.

Source: NWS St. Louis



I-44 and Highway 141 (Valley Park, Missouri)
Photo Courtesy of St. Louis Post Dispatch



Meramec River Flooding in Eureka, Missouri
Photo Courtesy of St. Louis Post Dispatch



Meramec River Flooding in Pacific, Missouri
Photo Courtesy of St. Louis Post Dispatch



Flood water on Interstate 70 prior to closure.



Meramec River Flooding in Valley Park, Missouri
Photo Courtesy of St. Louis Post Dispatch



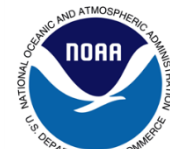
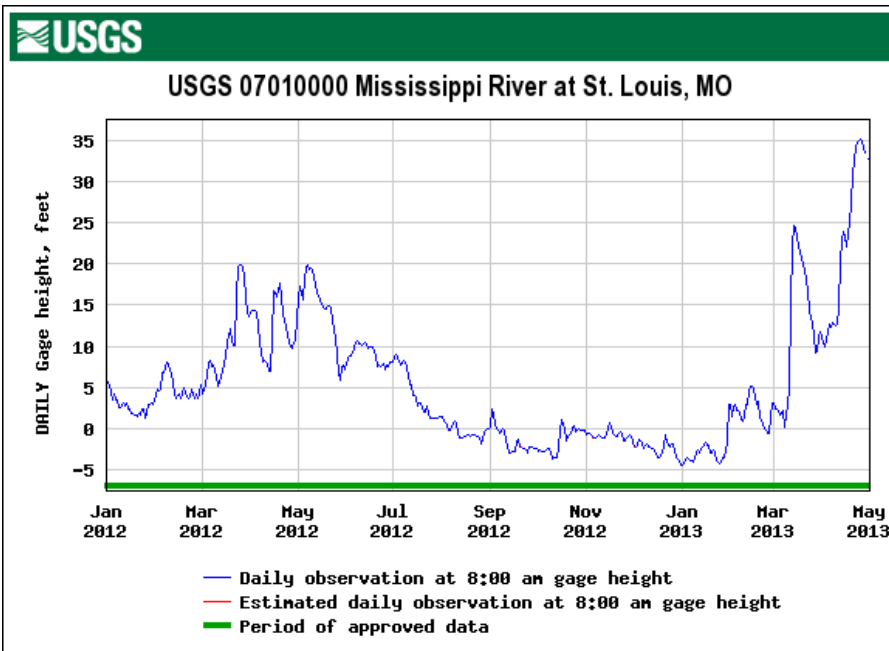
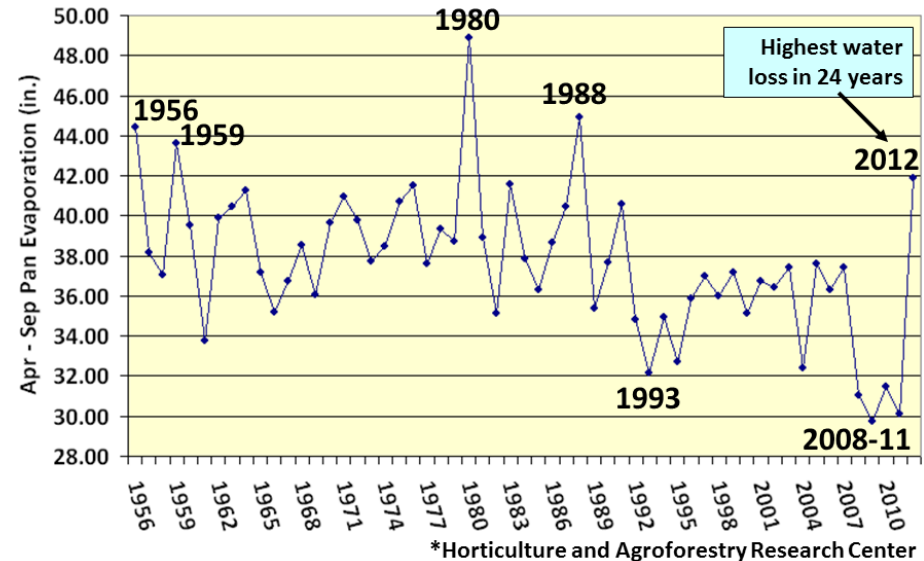
Bourbeuse River Flooding in Union, Missouri
Photo Courtesy of St. Louis Post Dispatch

U.S. Drought Monitor

2012 "Flash Drought"



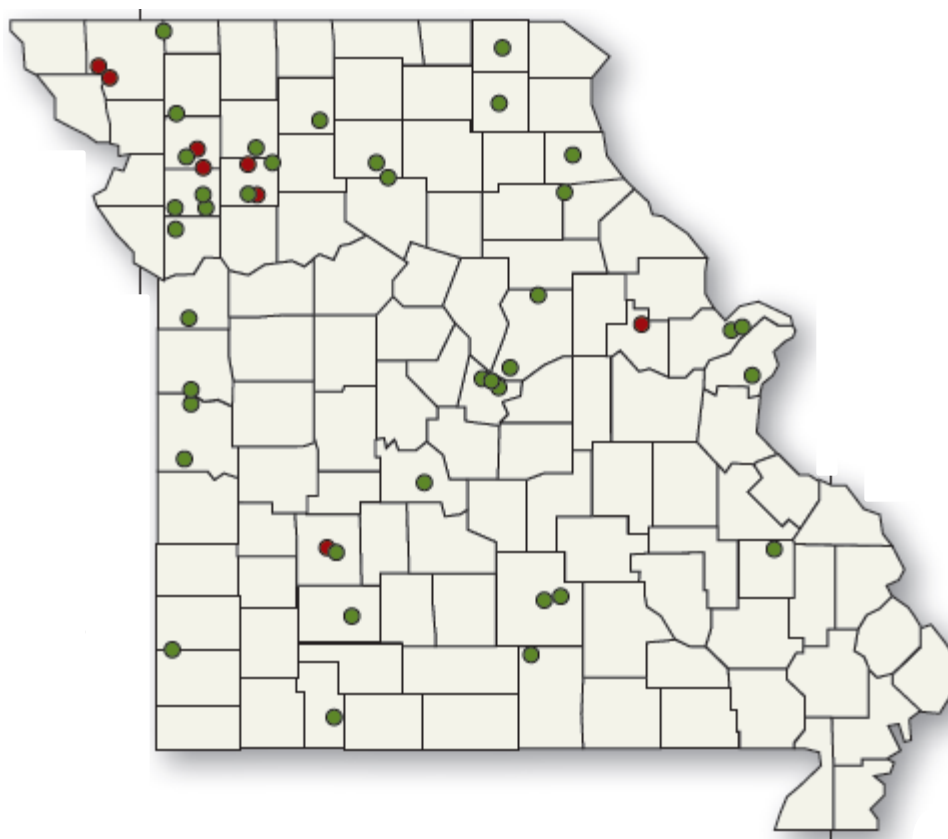
Class A Pan Evaporation Apr-Sep HARC*, New Franklin MO 1956-2012



Conservation orders issued

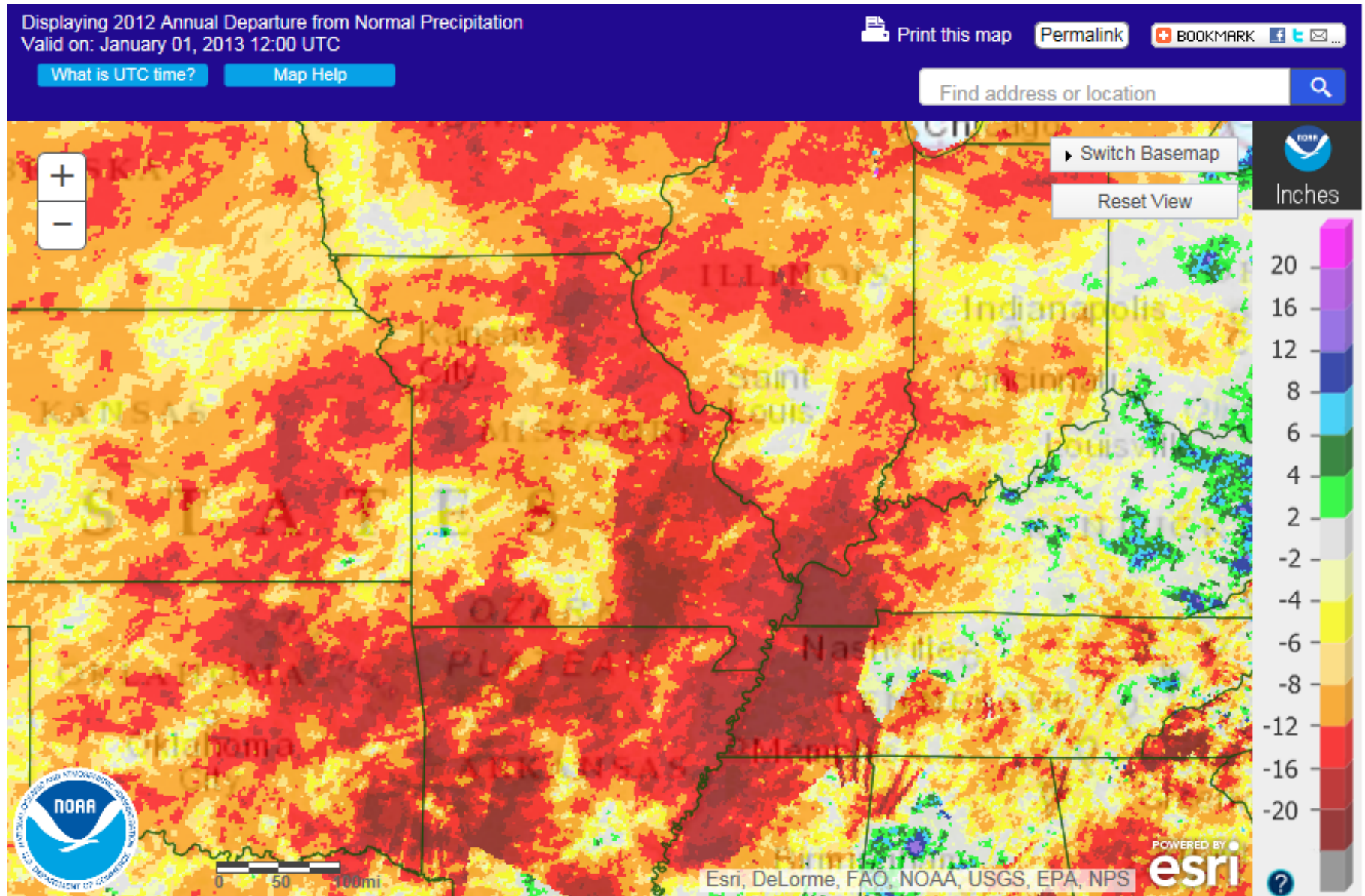
Public water systems issued 46 conservation orders throughout Missouri during the drought.

- Mandatory orders
- Voluntary orders



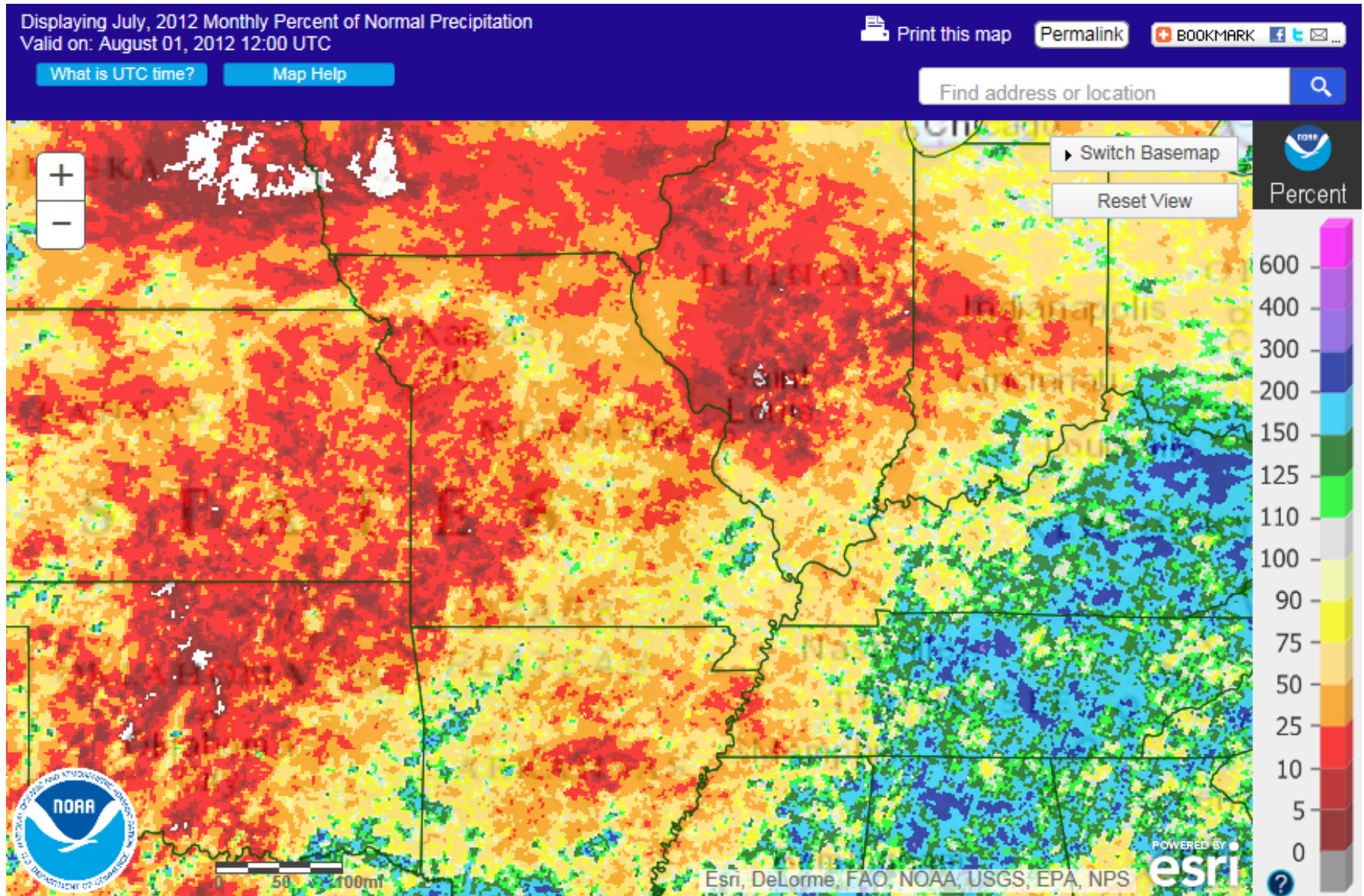
2012 Annual Departure from Normal Precipitation

As much as 20 inches below normal in Missouri



2012 July Monthly Percent of Normal Precipitation

As little as 5% of normal for July in Missouri



2012 Annual Observed Precipitation

As little as 20 inches annual total in Missouri

