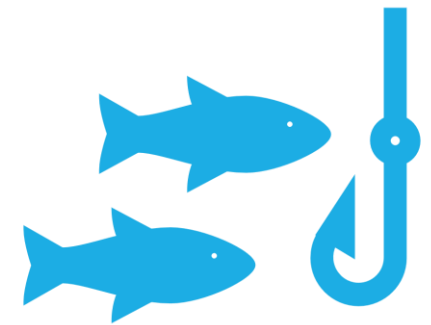


CLEAN WATER

“Whiskey is for drinking and
water is for fighting over”
- Mark Twain?



Map released: Thurs. September 5, 2019

Data valid: September 3, 2019 at 8 a.m. EDT



Intensity:

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

Author(s):

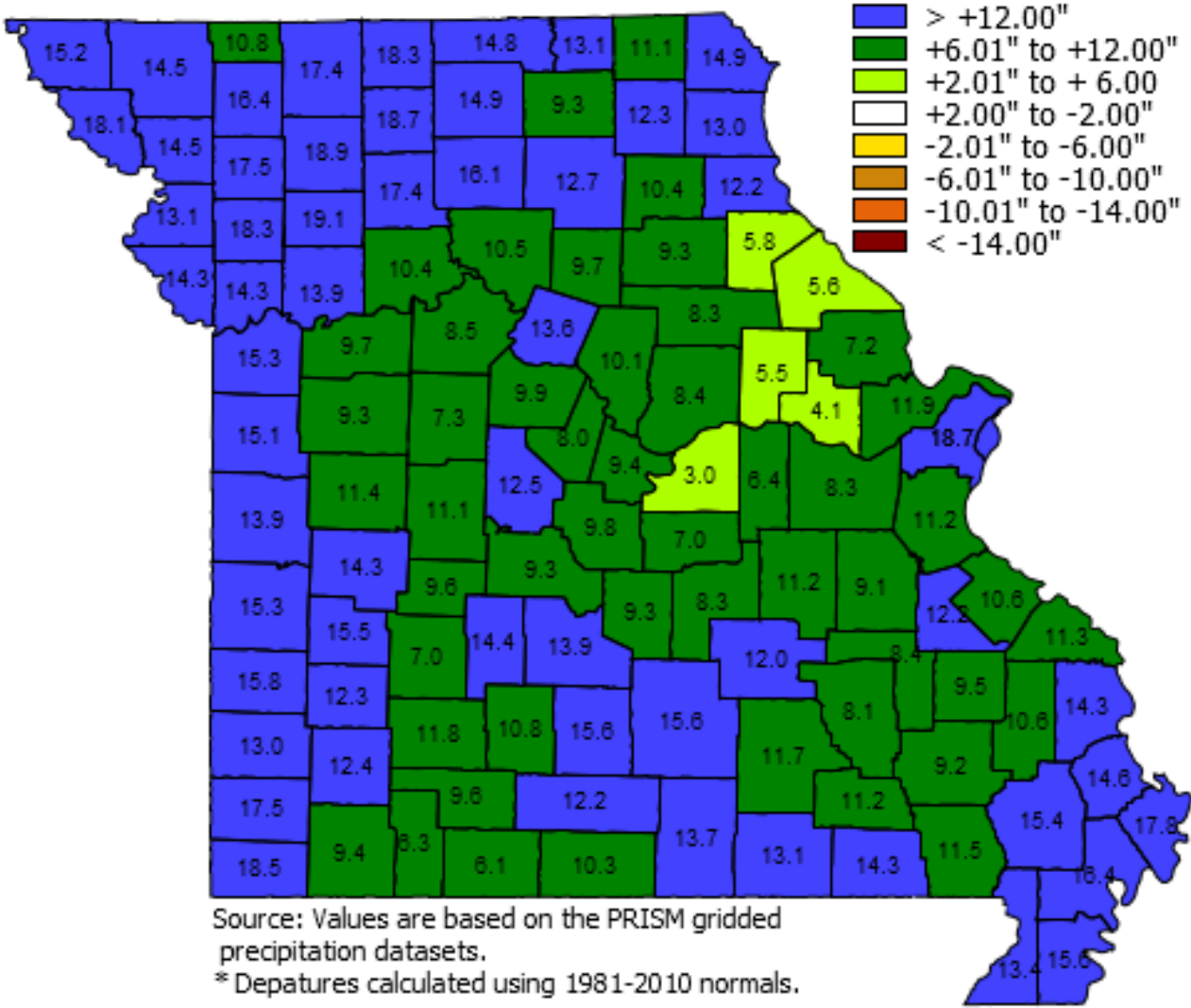
David Miskus, NOAA/NWS/NCEP/CPC

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying **text summary** for forecast statements.*

United States Drought Monitor

<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?MO>

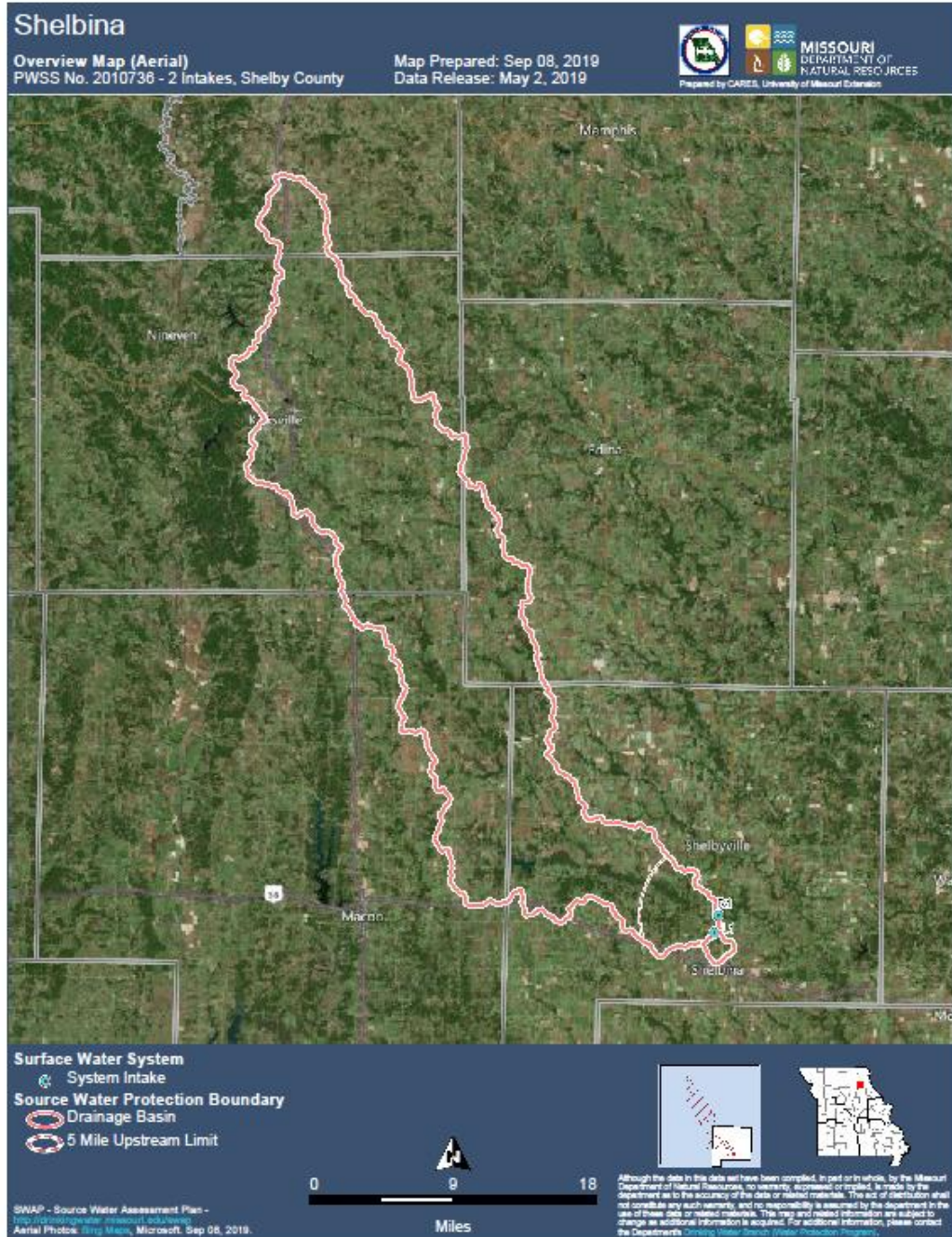
September 2018 - August 2019 Precipitation Departure (in.)



Missouri County Precipitation Departure From Normal*

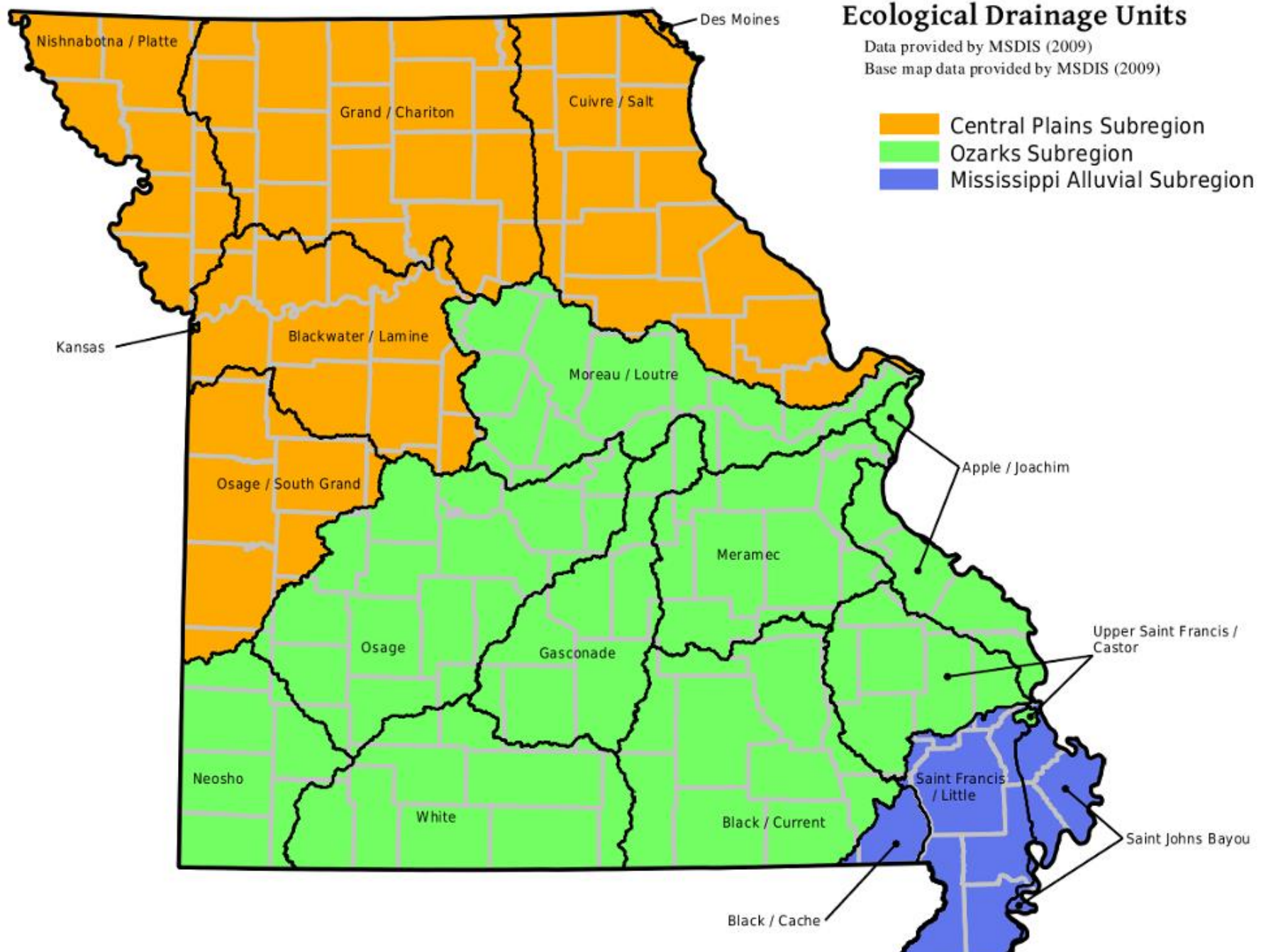
For September 2018 to August 2019

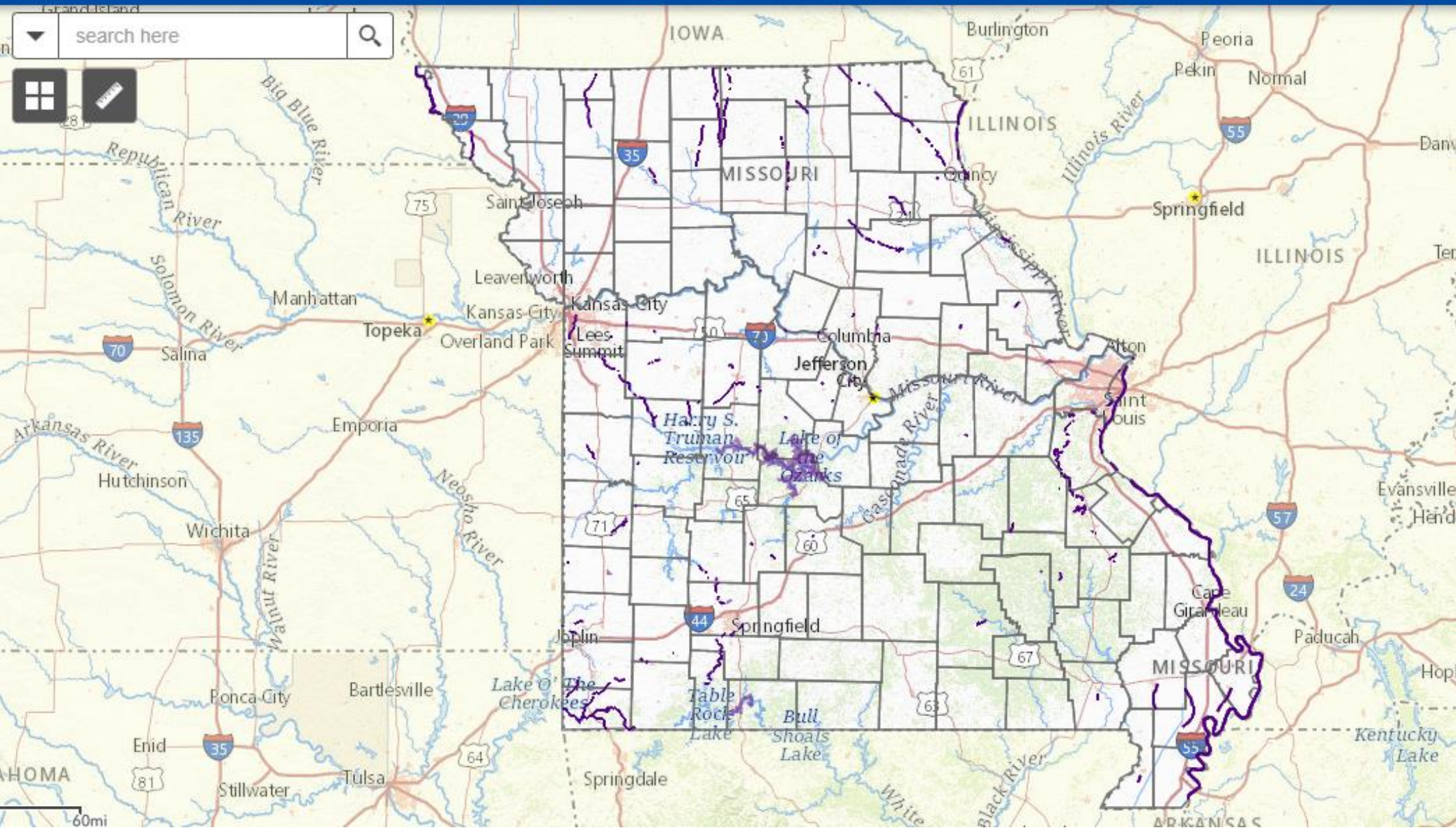
Pat Guinan
 Extension Associate Professor in Climatology
 Commercial Agriculture/University of Missouri Extension



Source Water Protection

- Public Drinking Water Watersheds – logical place to target conservation efforts
- Funding Sources
- Resources at DNR and MRWA





<https://modnr.maps.arcgis.com>

2016 LEGISLATIVE SESSION - HB1713

CHANGE TO THE CLEAN WATER COMMISSION

REDUCES MEMBERS REPRESENTING THE PUBLIC

- **HB1713 – Representative Tim Remole(R).** Bills original purpose requires the DNR to provide information regarding advanced technologies to upgrade existing lagoon-based wastewater systems.
- Senator Munzlinger (R) – added amendment to change the CWC - at least two members have to represent industry, and no more than four could represent the general public.
- In response to a 2015 decision by the commission to stop a large animal feeding lot in Grundy County.
- Vetoed by Nixon based on no hearing held when the amendment was added. Veto overridden by legislature.

OUR CURRENT CLEAN WATER COMMISSION

- Ashley McCarty (Chair, industry)
- Stan Coday – (agriculture)
- Pat Thomas (general public)
- Allen Rowland (general public)
- John Reece (wastewater rep)
- General public (Vacant)
- General public (Vacant)

2018 LEGISLATIVE SESSION – SB 782

**EXEMPTS AG
STORMWATER RUNOFF
FROM PROHIBITED
ACTS**

**ALLOWS POLLUTION
AND VIOLATION OF
STATE WATER QUALITY
STANDARDS FROM AG
STORMWATER UNLESS
DAMAGE OCCURS**

**(EXCLUDES AQUATIC
LIFE OTHER THAN FISH)**

SB 782 – Senator Mike Cunningham (R)

- Began as a bill to renew fees for various programs at DNR.
- Senate Committee Substitute - When this bill was perfected it included a new section of the Missouri Clean Water Law, 644.059, which exempts agricultural storm water discharges and return flows from irrigation from the prohibited acts subdivision 1 and subdivision 2 of subsection 1 of the Missouri Clean Water Law section 644.051, unless certain damage occurs due to the pollution. This new section 644.059 weakened the Missouri Clean Water Law and reduces the authority of Missouri DNR.

2019 LEGISLATIVE SESSION – SB 391

PROHIBITS
COUNTY HEALTH
ORDINANCES
STRICTER THAN
STATE LAW FOR AG

LAWSUIT – LAW
DELAYED

HEARING SEPT 16.

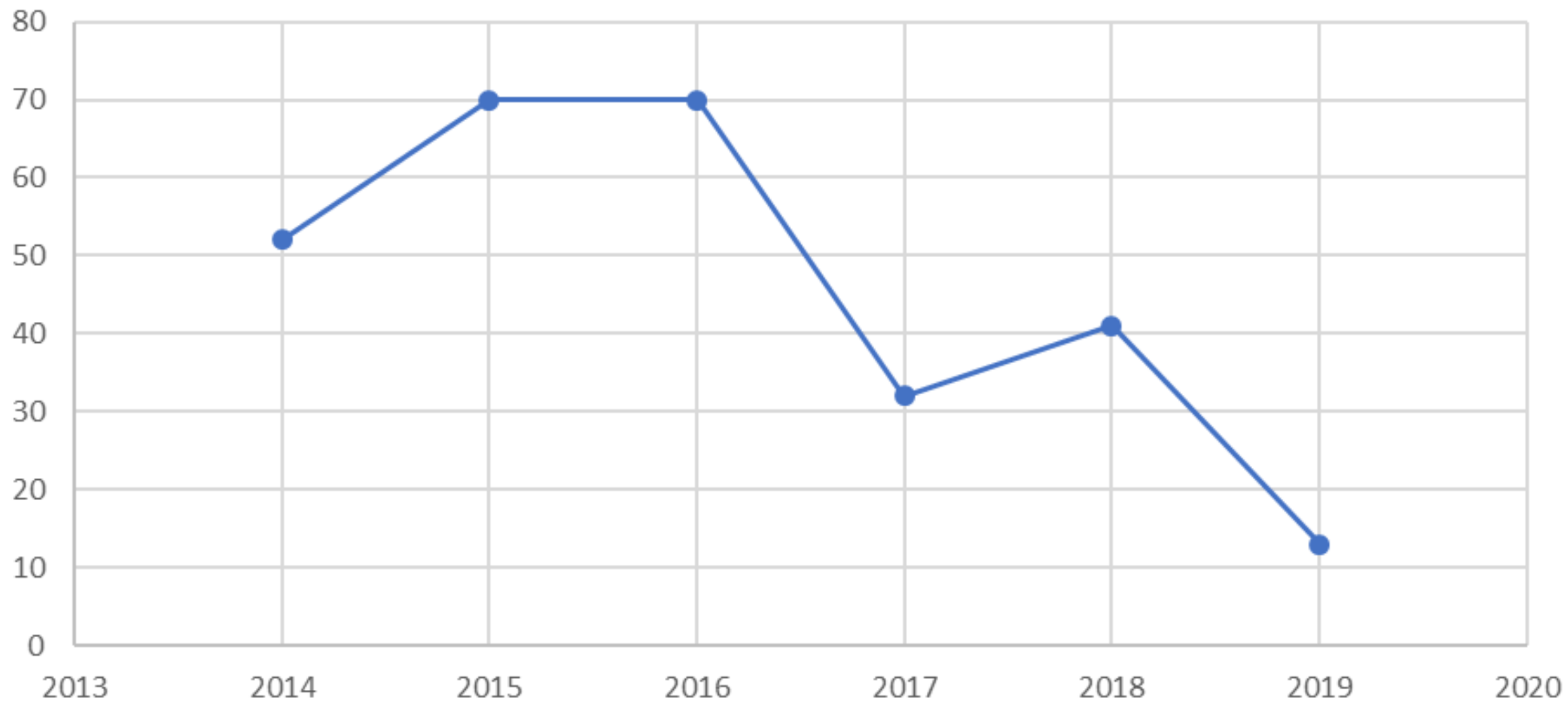
SB391 – **Senator Mike Bernskoetter (R)**, prohibits counties from passing health ordinances related to agriculture that are stricter than state law. Signed by Governor, to go in effect Aug. 28.

- Currently the constitutionality of the bill is being challenged by several counties, individual farmers, and a farming organization.
- State judge has issued a restraining order that delays the enforcement of a new law.
- Hearing September 16th at 9 am at the Cole County Courthouse on High Street regarding the case.

SO WHAT'S THE TREND?

- Decrease in regulations for clean water (at state and county levels)
- Legislation favors agriculture (through representation on CWC, exemptions, or prohibition of ordinances)
- Legislation added as amendments to bills. Amendments may/may not be related to original purpose of bill (Hammerschmidt violations?). With exception of SB391.
- Bills sponsored by Republicans, usually Senators

DNR Formal Enforcement Actions 2014-2019



AT THE FEDERAL LEVEL

S1565 – introduced 5/21/19. Sen. Hawley’s “*Army Corps of Engineers Flood Control Civilian Advisory Council Act*”

- Establishes a new advisory council with two members from each state along the Missouri River – as appointed by the President, to fully prioritize flood control and navigation.

S1571 – introduced 5/21/19. Sen. Hawley’s second bill, the “*Missouri River Flood Control Prioritization Act*,” is the Senate companion of Congressman Sam Graves (MO-6)’s *H.R. 2174, introduced in April*.

- It makes flood control the number one priority in the Corps’ master manual
- Removes fish and wildlife as an authorized purpose, and instructs the Army Corps of Engineers to update its manual to reflect these changes.