

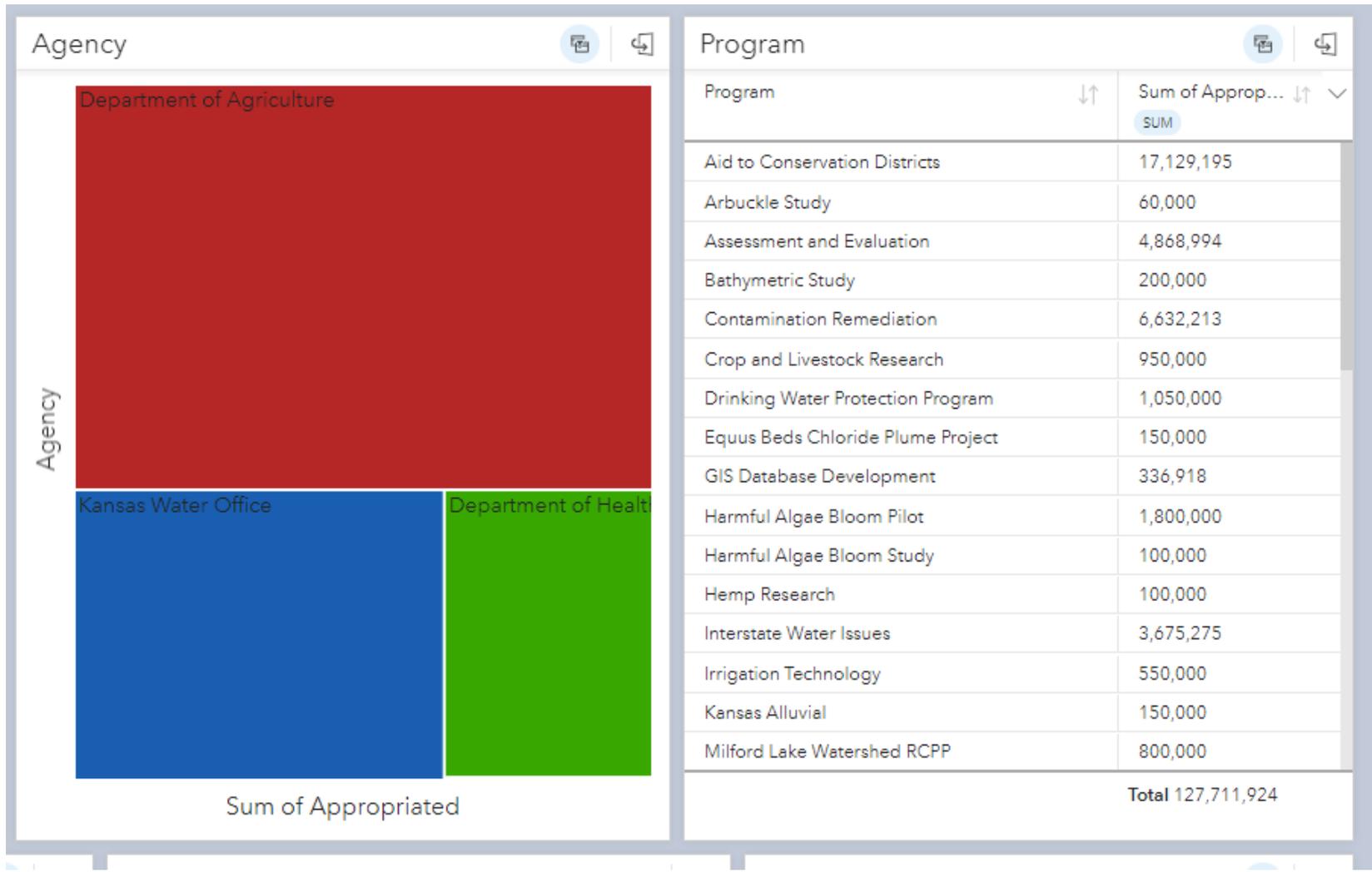
## AGENDA DETAILS

- I. Welcome
- II. Roll call – Lyle Wobker (Chair & Agriculture 2)
- III. Approve Agenda
- IV. Review of January 2022 RAC Meeting Notes
- V. Update on House Bill 2686 – Lauren Campbell (KWO)
- VI. Introduction and overview of State Water Plan Fund insights webpage – Lauren Campbell (KWO)
- VII. Discussion on drought in the region - Lauren Campbell (KWO)
- VIII. Update on Kansas Water Plan process – Angela Anderson (KWO)
- IX. Review of regional goals and action plans – Angela Anderson (KWO)
  - a. Reduce cumulative sediment loads entering Melvern, Pomona Lake, and Hillsdale Lake by 10% every 10 years to extend the life of existing infrastructure.
  - b. Ensure water supply storage in the Marais des Cygnes is able to supply for 110% of the projected demands through the year 2050.
  - c. Continually work to prevent the spread of ANS including Zebra and Quagga mussels into Kansas lakes that are not currently infested by working with the agencies focused on ANS.
- X. Discussion on Hillsdale watershed best management practices (BMPs) – Lesley Rigney (Miami County Conservation District) and Kaitlin Knauss (Miami and Franklin County Conservation Districts)
- XI. Questions and Future Issues from RAC Members
- XII. Agency Input
- XIII. Public Input
- XIV. Adjournment
- XV. Hillsdale watershed field tour - Lesley Rigney (Miami County Conservation District) and Kaitlin Knauss (Miami and Franklin County Conservation Districts)

### Future Meetings

- a. KWA – June 22, 2022 – Pittsburg, KS

# STATE WATER PLAN FUND INSIGHTS WEBPAGE

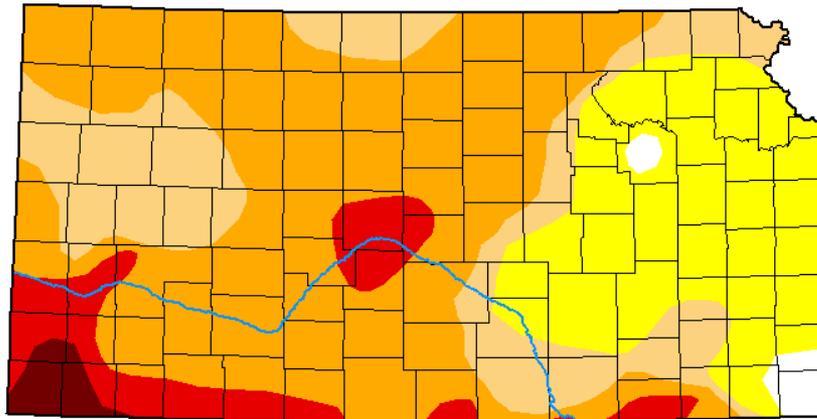


# DROUGHT UPDATE

# U.S. DROUGHT MONITOR – MARCH 17

## U.S. Drought Monitor Kansas

March 15, 2022  
(Released Thursday, Mar. 17, 2022)  
Valid 8 a.m. EDT



### Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

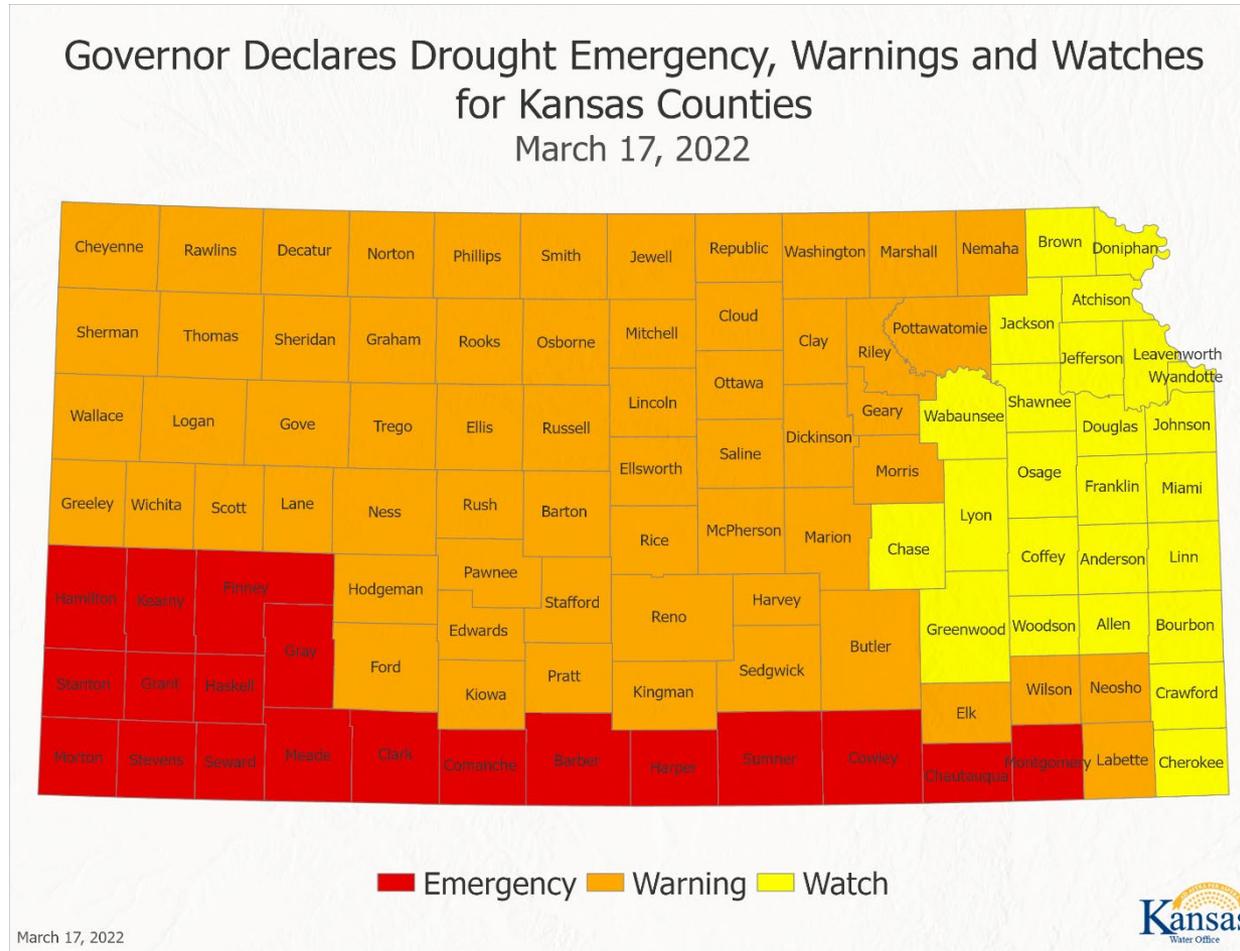
### Author:

Adam Hartman  
NOAA/NWS/NCEP/CPC



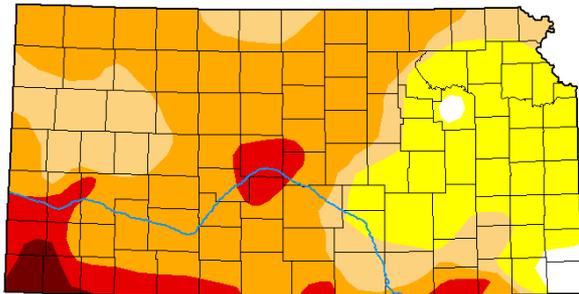
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# GOVERNOR'S DROUGHT DECLARATIONS – MARCH 17



# DROUGHT – MARCH 17

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## Governor Declares Drought Emergency, Warnings and Watches for Kansas Counties March 17, 2022

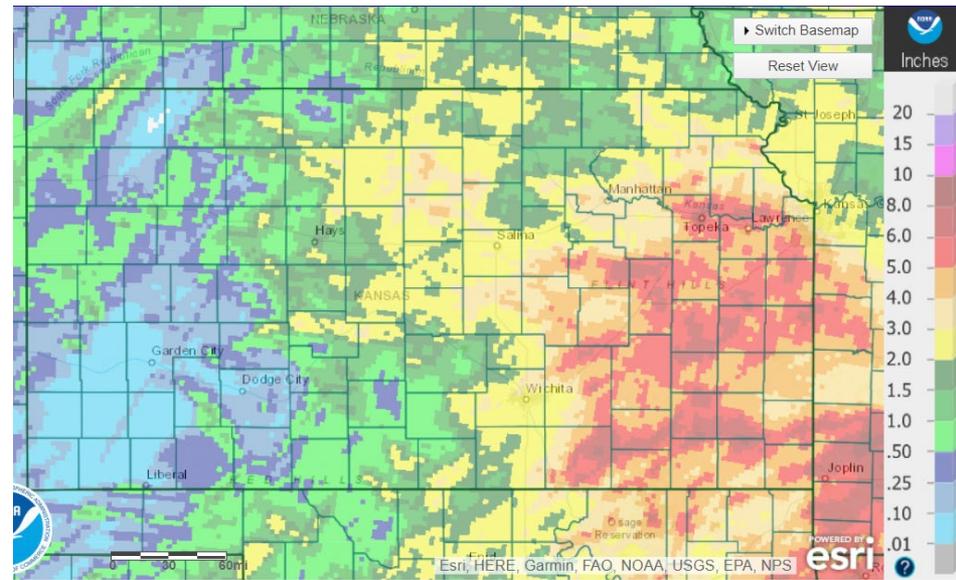
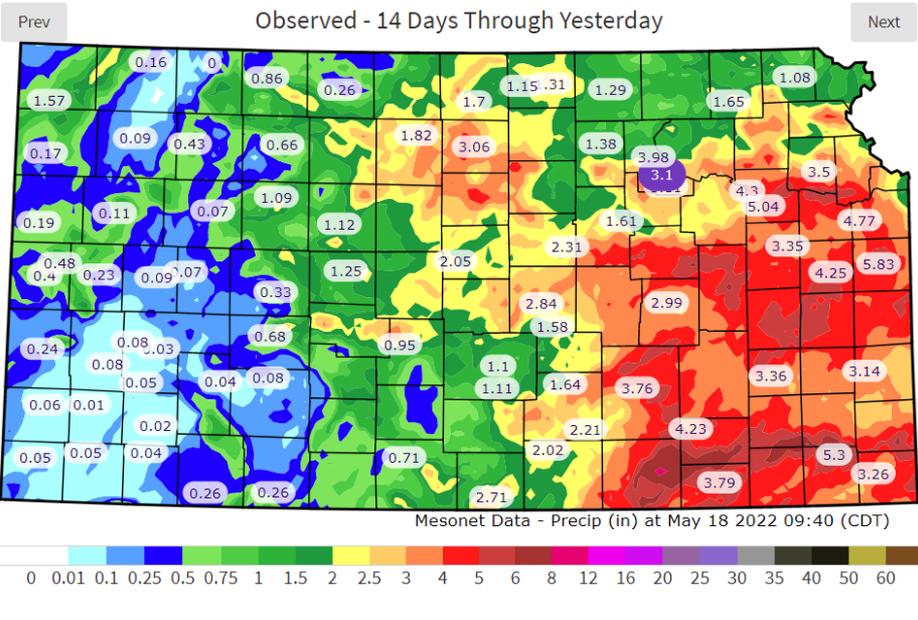


■ Emergency ■ Warning ■ Watch

March 17, 2022

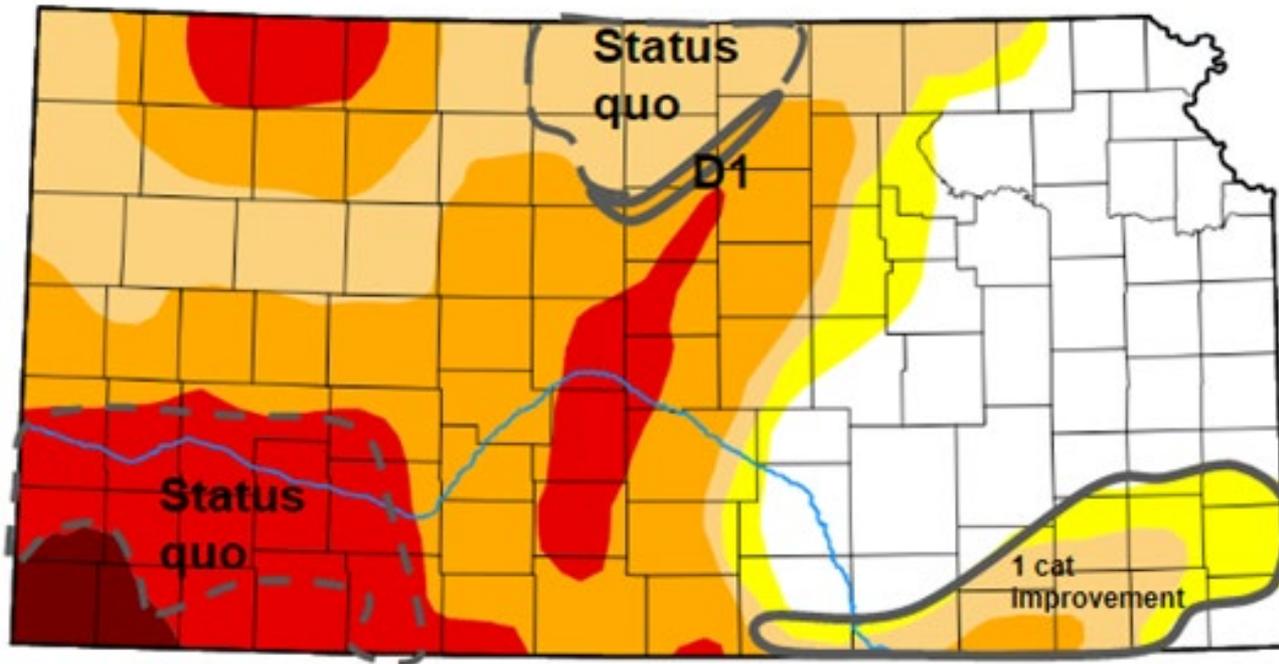


# OBSERVED PRECIPITATION – LAST 14 DAYS



# DROUGHT RECOMMENDATIONS – MAY 12

5/10/22 Round #1



**#1 REDUCE CUMULATIVE  
SEDIMENT LOADS ENTERING  
MELVERN, POMONA LAKE,  
AND HILLSDALE LAKE BY 10%  
EVERY 10 YEARS TO EXTEND  
THE LIFE OF EXISTING  
INFRASTRUCTURE.**

## Remaining Storage within Kansas Reservoirs

The vertical height of each bar represents total storage capacity. The blue indicates the 2021 capacity of each reservoir. The brown indicates the volume of sediment in each reservoir.

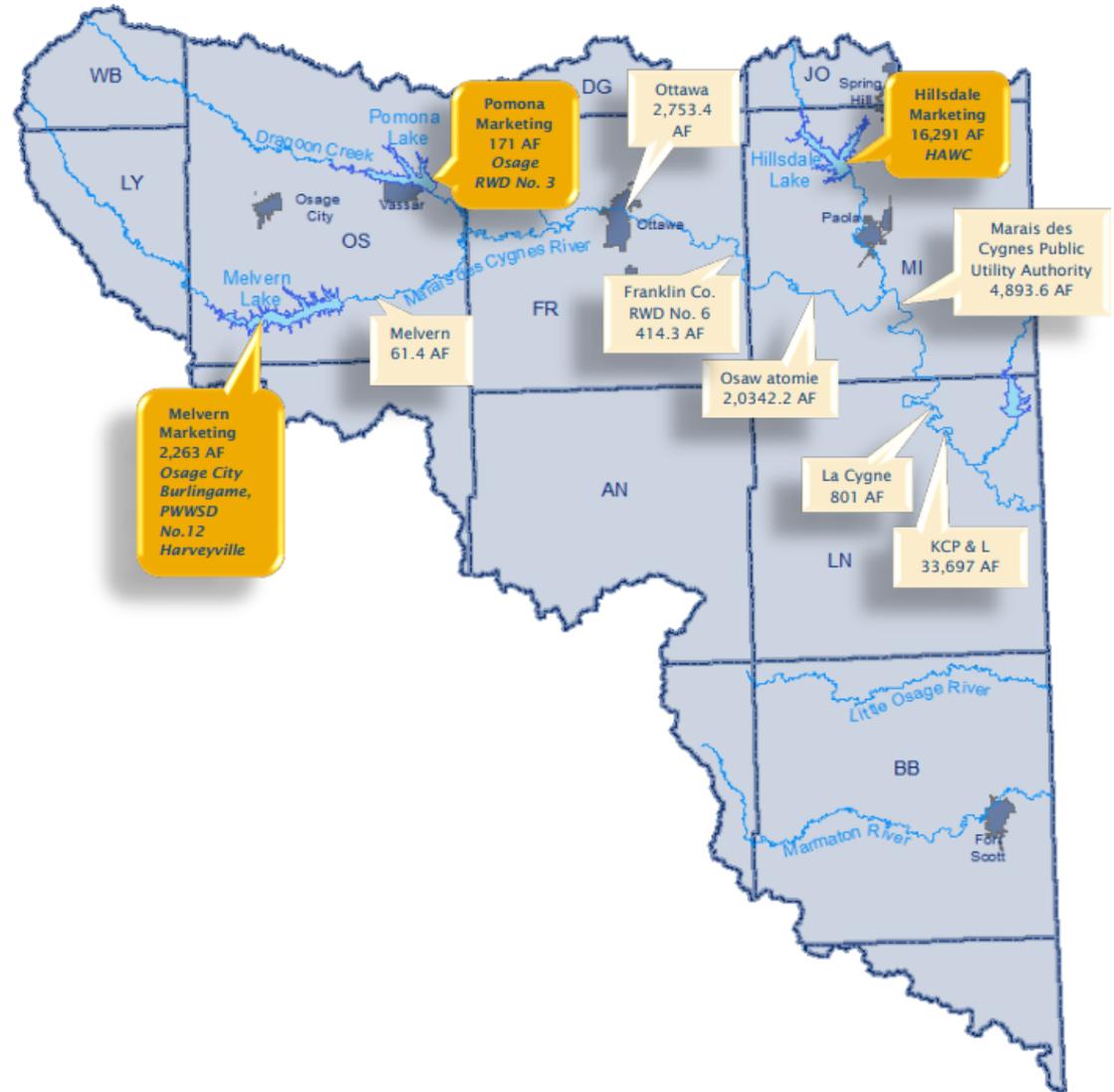
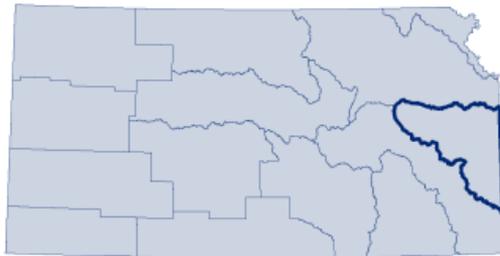
**Melvern Lake**  
95.6% Remaining capacity  
4.4% Capacity lost to sediment

**Pomona Lake**  
73.2% Remaining capacity  
26.8% Capacity lost to sediment

**Hillsdale Lake**  
91.8% Remaining capacity  
8.2% Capacity lost to sediment

- Remaining Capacity
- Volume of Sediment in 2021
- Marais des Cygnes Region

| Member   | Max Authorized (AF/yr) | % of Total  | Max since 1990 (AF/yr) |
|--|------------------------|-------------|------------------------|
| City of Ottawa                                     | 2,753.4                | 4.34%       | 2,024.1                |
| Franklin County RWD No. 6                          | 414.3                  | 0.66%       | 385.29                 |
| City of Osawatomie                                 | 2,034.2                | 3.21%       | 1,082.6                |
| MdC Public Utility Authority                       | 4,893.6                | 7.72%       | 1,338.8                |
| City of LaCygne                                    | 801.0                  | 1.26%       | 444.4                  |
| KCP&L  | 33,697.0               | 53.17%      | 14,323                 |
| City of Melvern                                    | 61.4                   | 0.1%        | 61.4                   |
| Melvorn Marketing                                  |                        |             |                        |
| Osage City, Burlingame, PW-WSD No. 12, Harveyville | 2,263                  | 3.57%       | ---                    |
| Pomona Marketing                                   |                        |             |                        |
| Osage RWD No. 3                                    | 171                    | 0.27%       | ---                    |
| Hillsdale Marketing                                |                        |             |                        |
| HAWC   | 16,291                 | 25.7%       | ---                    |
| <b>Total (AF/yr)</b>                               | <b>63,379.9</b>        | <b>100%</b> | <b>19,659.59</b>       |



### Map Legend



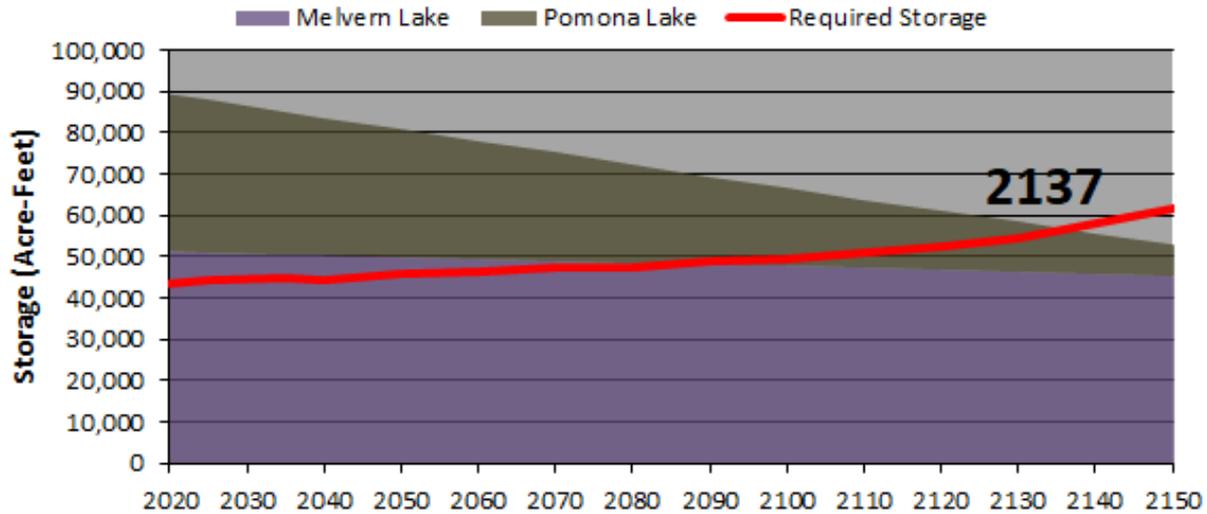
Marketing Contract In AF/yr



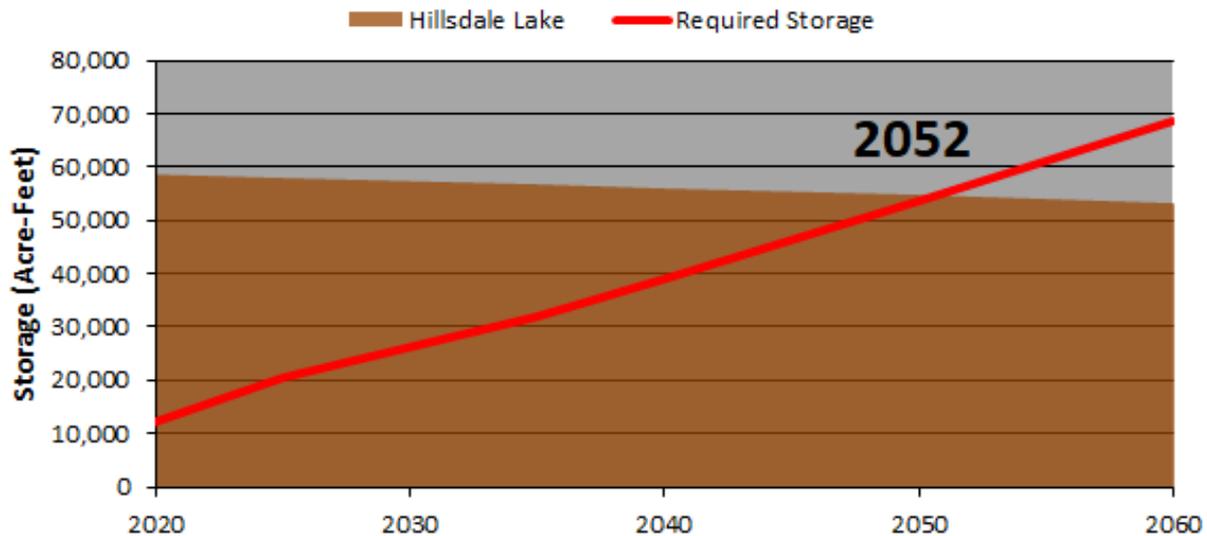
Assurance District Member Water Right Allocation In AF/yr

**#2- ENSURE WATER SUPPLY STORAGE IN THE MARAIS DES CYGNES IS ABLE TO SUPPLY FOR 110% OF THE PROJECTED DEMANDS THROUGH THE YEAR 2050.**

### Marais des Cygnes River Basin Projected Water Supply

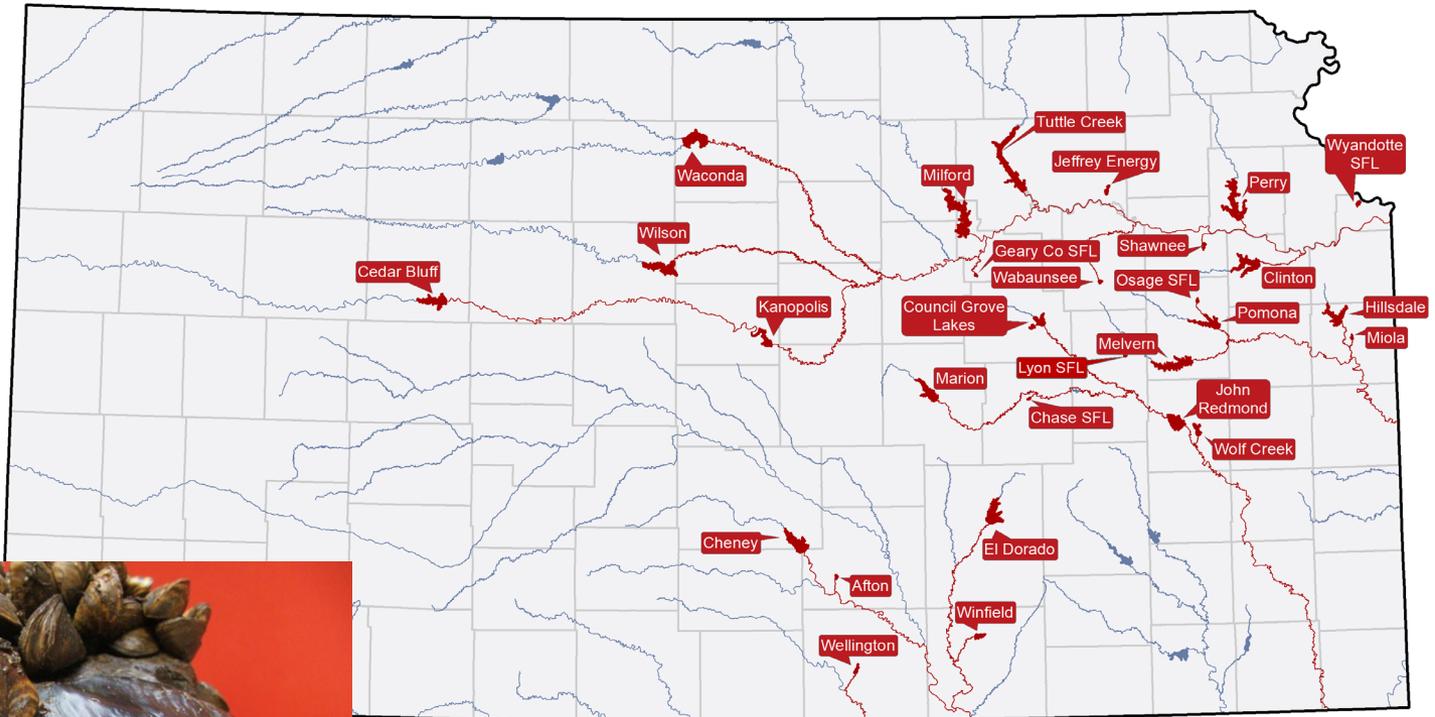


### Hillsdale Projected Water Supply



**#3- CONTINUALLY WORK TO PREVENT THE SPREAD OF ANS INCLUDING ZEBRA AND QUAGGA MUSSELS INTO KANSAS LAKES THAT ARE NOT CURRENTLY INFESTED BY WORKING WITH THE AGENCIES FOCUSED ON ANS.**

# Status of Zebra Mussels in Kansas



— Infested River or Creek    ■ Infested Lake or Reservoir

