

VERDIGRIS RAC MEETING

MAY 12, 2022- FALL RIVER LAKE OFFICE



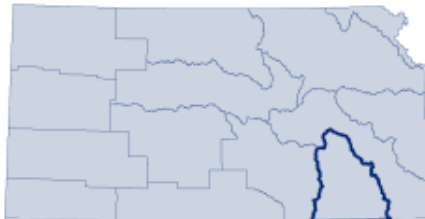
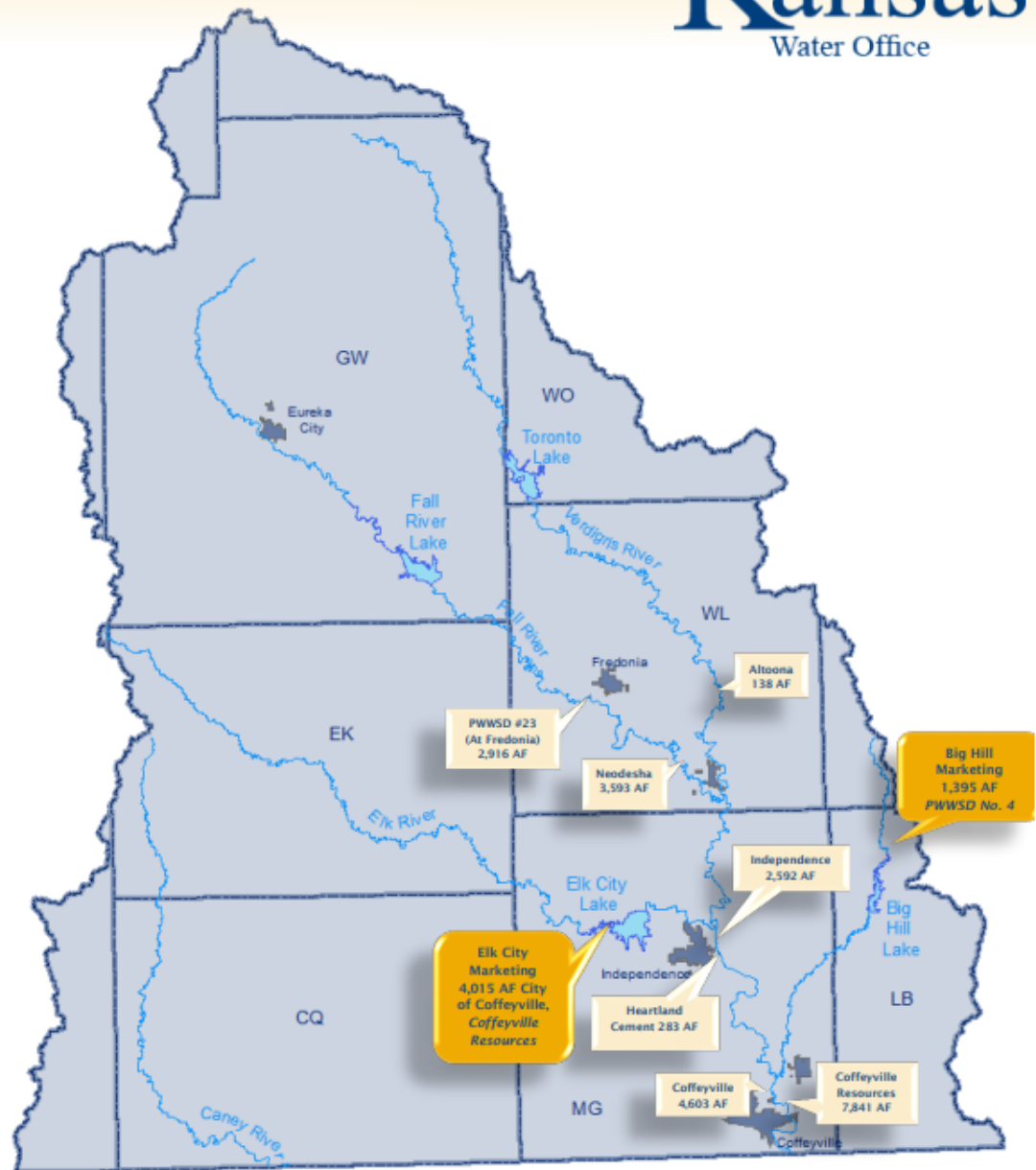
AGENDA DETAILS

- I. Welcome
 - II. Roll call – John Ditmore (Chair & Industry/Commerce)
 - 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. Update on Kansas Water Plan process – Angela Anderson (KWO)
 - VIII. Review of the Verdigris goals and action plans – Lauren Campbell (KWO)
 - a. Increase drought tolerance in the Verdigris basin by optimizing reservoir releases and maintaining storage capacity.
 - b. Protect watershed dams – statewide goal.
 - c. Continually work to prevent the spread of aquatic nuisance species (ANS), including Zebra and Quagga mussels, into Kansas lakes that are not currently infested by working with the agencies focused on ANS.
 - d. Improve water conservation through a public education campaign, with priority given to youth, to increase awareness and protect water supply for future generations
 - IX. Drought update – Nate Westrup (KWO)
 - X. Discussion on Coffeyville Resources low-head dam – Nate Westrup (KWO)
 - XI. Introduction to reservoir operations and sedimentation issues in Verdigris region – Nate Westrup (KWO) and Eugene Goff (USACE)
 - XII. Agency Input
 - XIII. Public Input
 - XIV. Adjournment
 - XV. Fall River Lake Tour – Nate Westrup (KWO) and Eugene Goff (USACE)
- Future Meetings
- a. KWA – Wednesday June 22, 2022- Pittsburg, KS

**#1 INCREASE DROUGHT
TOLERANCE IN THE VERDIGRIS
BASIN BY OPTIMIZING
RESERVOIR RELEASES AND
MAINTAINING STORAGE
CAPACITY.**

Verdigris River Water Supply Storage Customers

Member	Max Authorized (AF/yr)	% of Total	Max Since 1990 (AF/yr)
Altoona	138	0.51%	108
PWWSD #23	2,916	10.65%	1,071
City of Neodesha	3,593	13.12%	879
City of Independence	2,592	9.47%	1,688
Heartland Cement	283	1.03%	240
City of Coffeyville	4,603	16.81%	4,086
Coffeyville Resources	7,841	28.64%	6,738
Big Hill Marketing	1,395	5.1%	---
PWWSD No. 4			
Elk City Marketing	4,015	14.67%	---
Coffeyville, Coffeyville Resources			
Total	27,376	100%	14,810



Map Legend



Marketing Contract In AF/yr

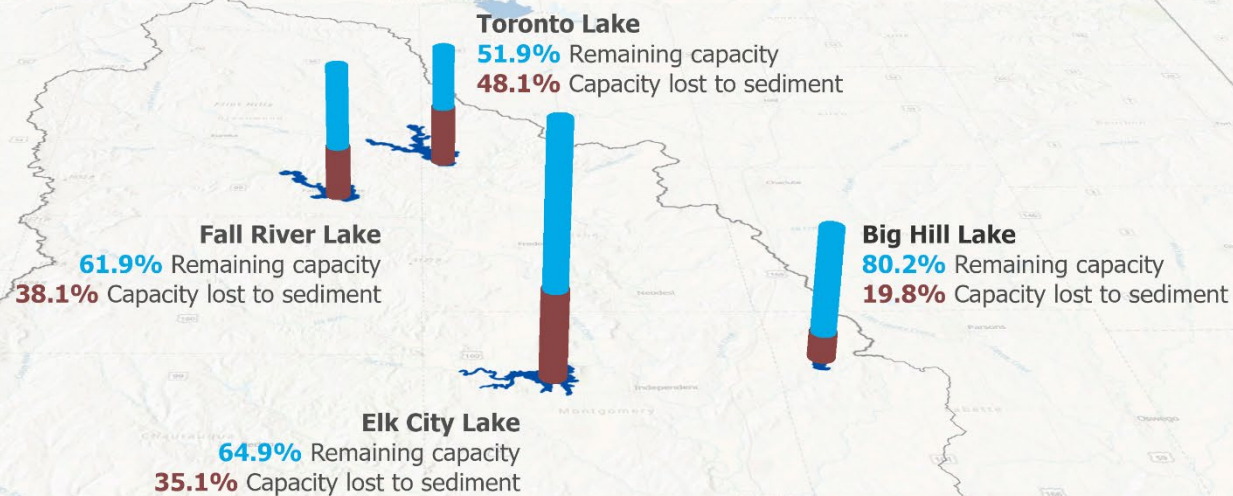


Verdigris Region MOA
Water Right Allocation In
AF/yr

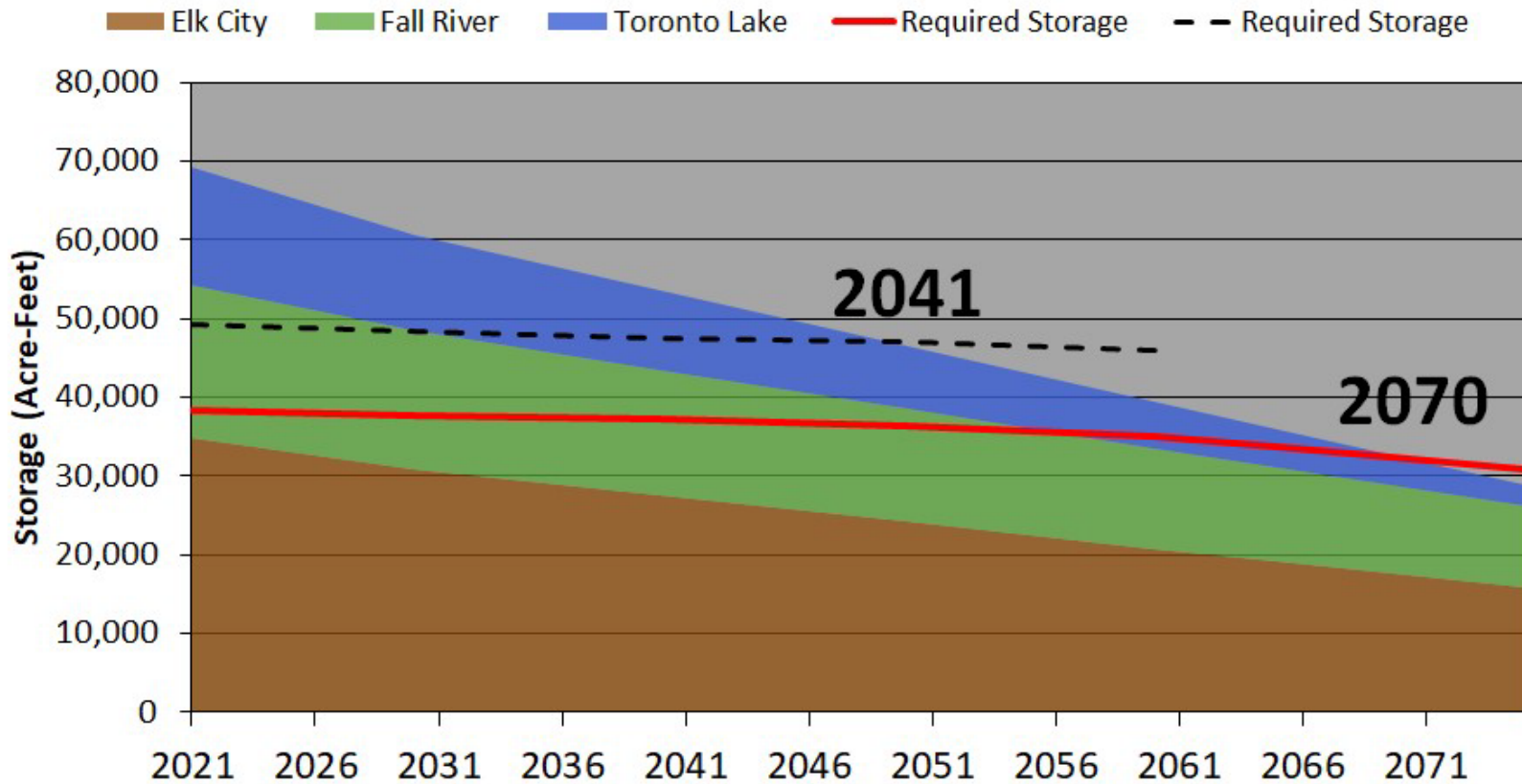
Remaining Storage within Kansas Reservoirs

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.

- Remaining Capacity
- Volume of Sediment in 2021
- Verdigris Region



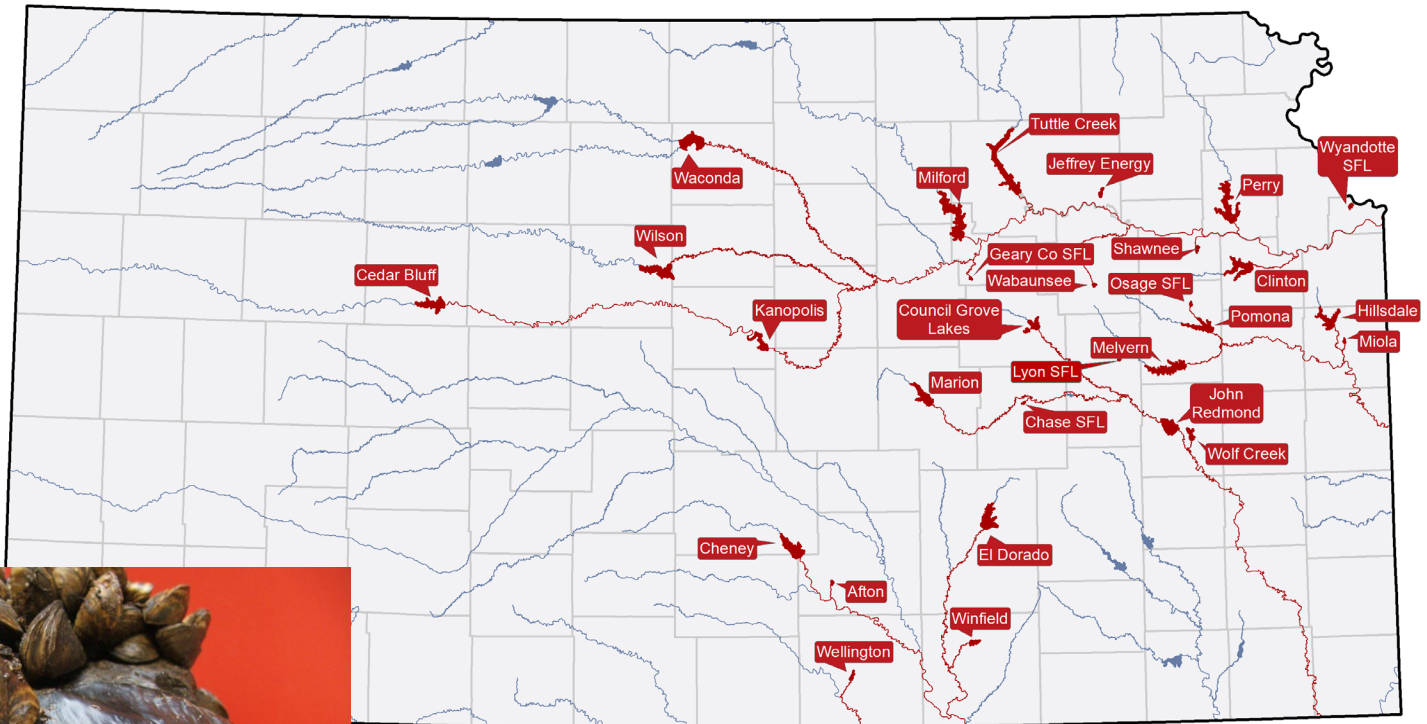
Verdigris Basin Projected Water Supply



#2- PROTECT WATERSHED DAMS- STATEWIDE GOAL

**#3- CONTINUALLY WORK TO
PREVENT THE SPREAD OF AQUATIC
NUISANCE SPECIES (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



**#4 - IMPROVE WATER  
CONSERVATION THROUGH A  
PUBLIC EDUCATION  
CAMPAIGN, WITH PRIORITY  
GIVEN TO YOUTH, TO INCREASE  
AWARENESS AND PROTECT  
WATER SUPPLY FOR FUTURE  
GENERATIONS**

# DROUGHT UPDATE

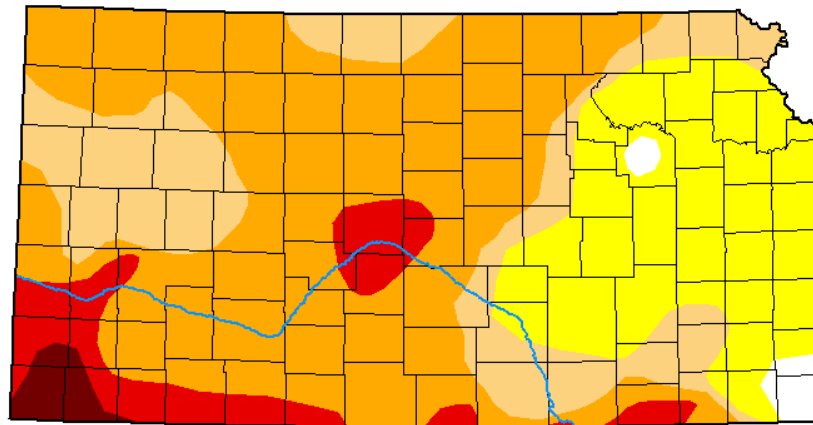
NATHAN WESTRUP









# 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>*

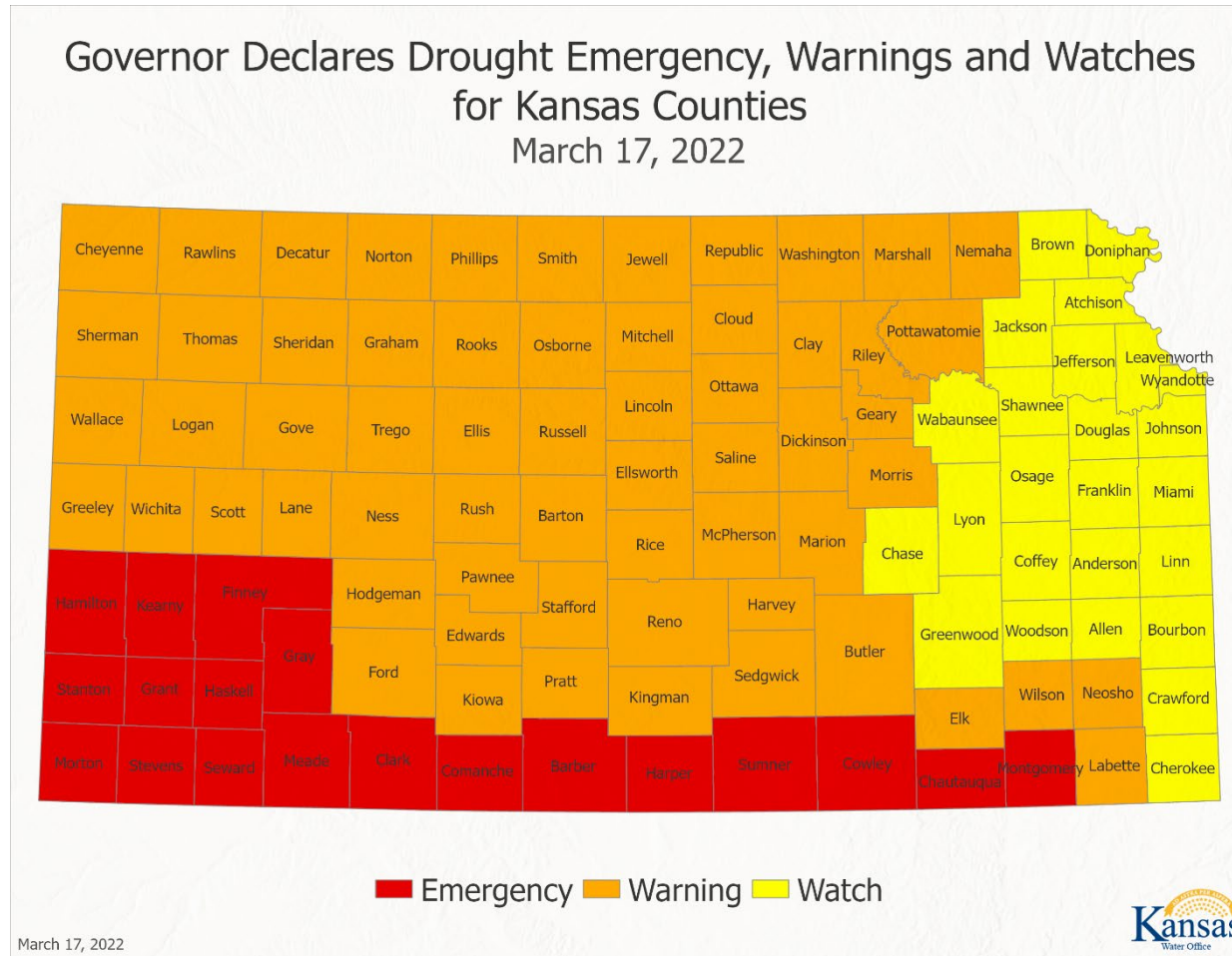
### Author:

Adam Hartman  
NOAA/NWS/NCEP/CPC



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

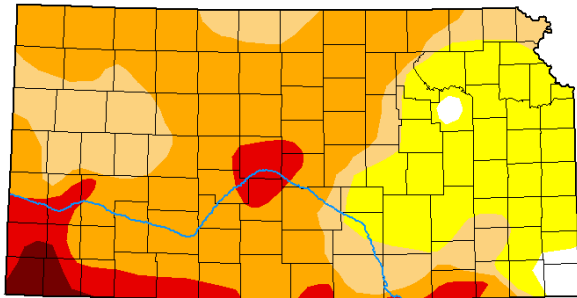
# GOVERNOR'S DROUGHT DECLARATIONS – MARCH 17



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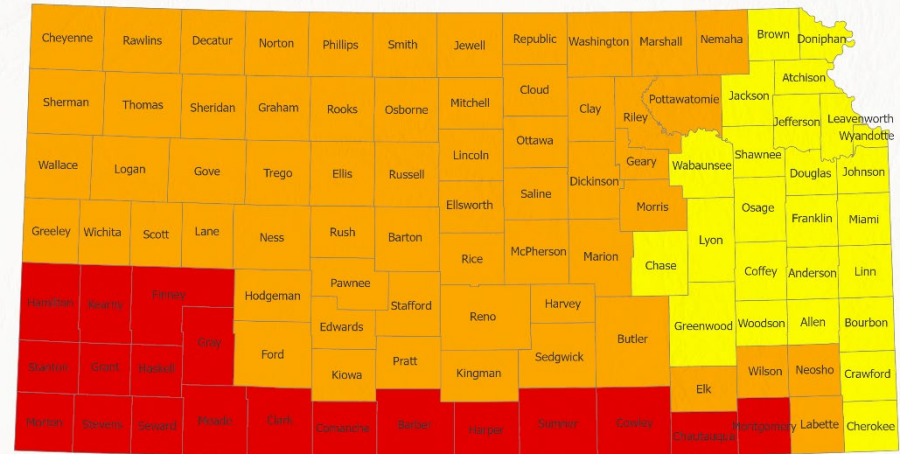
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## Governor Declares Drought Emergency, Warnings and Watches for Kansas Counties March 17, 2022

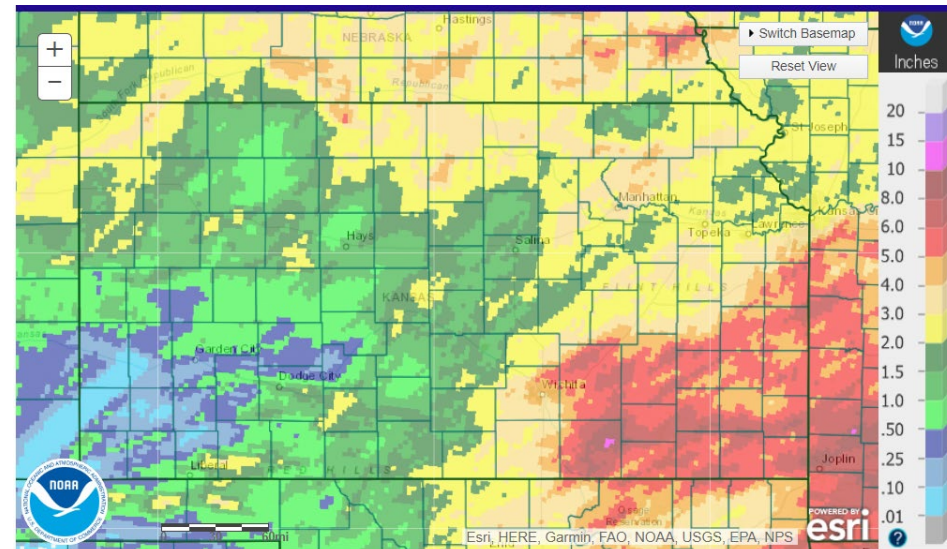
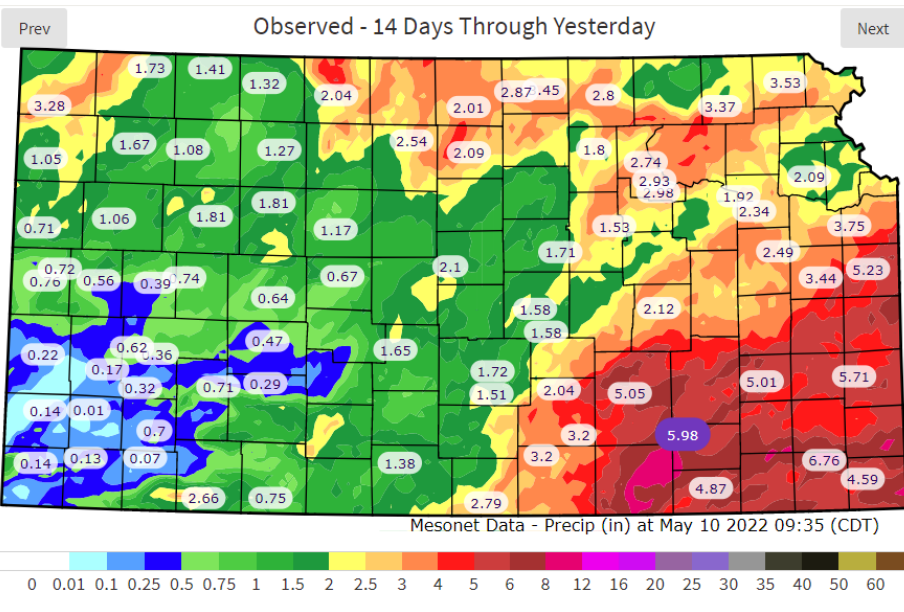


March 17, 2022

Kansas  
State Office



# OBSERVED PRECIPITATION – LAST 14 DAYS



# DROUGHT RECOMMENDATIONS – MAY 12

5/10/22 Round #1

