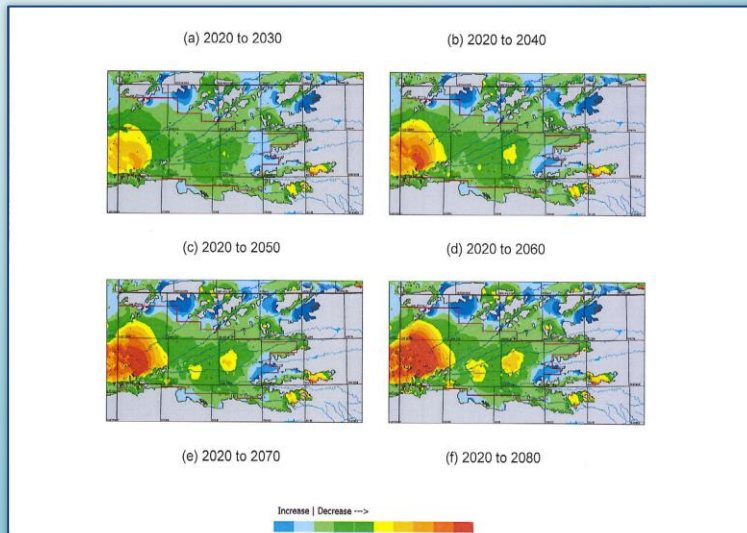


The Water Table



After several years in the making we have a new model to help us predict the future of the Ogallala Aquifer within GMD 4 with special thanks to the assistance of the Kansas Geological Survey and the Kansas Water Office. With this model we can select a specific well, group of wells, or even a whole township and simulate what the rate of aquifer depletion, or not, would be at that location for a defined percent less pumping, maximum pumped, or a fixed amount pumped. The model then compares the aquifer levels to what would be if an irrigator or group of irrigators continued their current rate.

If you have interest in knowing what the model predicts for your wells or group of wells, then please call the office to make an appointment. Each scenario takes about 30 minutes to complete so having the information before your appointment saves us all some time.

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LEMA RENEWAL TALKS

Public meetings were held in August to discuss the renewal of both the SD 6 and GMD 4 LEMA to begin in 2023. Great input was received from each of those meetings to provide the board of directors with direction on what our stakeholders would like to see. If you were unable to attend any of

those meetings it's never too late to provide your input. Please call the office, email, or request an anonymous feedback sheet with your suggestions. The 2023 – 2027 LEMAs will be topics at upcoming board meetings and we encourage more input.

“Water is the driving force of all nature” ~ Leonardo da Vinci

TAPP H2O APP

Dan's Field Notes

For those water rights affected by the GMD 4 LEMA you will have additional metering requirements and **required to record your meter reading every two weeks**. It will be required that you have an alternate way to meter your water usage. Some of those acceptable ways are:

- TAPP H2O App
- AgSense
- Pivot hours
- Electric hours
- Dated Pictures
- Log Book
- Pressure sensors
- Additional meter

If you haven't signed up for this time saving tool for your smartphone or tablet yet, we highly encourage you to consider it for the 2022 growing season as it is the last year of the LEMAs. If your LEMA quantity is exceeded you will be suspended for two years.

Those of you that are enrolled may have seen some trouble with meter readings rolling over from last year. If you still have trouble with that please contact Richael with Mammoth Water, as she can quickly get you on track with any issue you have with the app. You need to always double check your quantities in the app to make sure that it's accurate. If those quantities are not correct it is not GMD 4's fault for the inaccuracy. You, as a water right owner are responsible for your quantities. We do our best to assist but the accuracy falls on the water right owner.

Maintaining Pump Sites

We've been noticing a few pump sites that are being severely neglected. Over growth of weeds around them is one major problem but the one that has really caught our attention is oil. We understand things leak but some are changing their oil and letting it just run out on the ground. This is illegal! From now on we will be documenting the problem and contacting the landowner. If the site is not cleaned up after that phone call then we will be required by law to turn the issue into the Kansas Department of Health and Environment.

Certified Irrigator Program

This program is still in the works but developing a little slower than expected due to scheduling conflicts and being a busy time of year for everyone involved. We are still filming for online videos about water-saving technology and management to bring to you with this program. If you, or know of anyone, that is working with some new technology or management techniques we would love to talk with them on how they could fit in this program. We want to make this a high quality product for producers to learn from and encourage a variety of videos depicting a variety of management tools.

Please email Shannon and/or contact the office with any questions or ideas on how to make the program useful to you.



Pumping the Tailwater Shannon Kenyon

Usually I use this column to warn you about something or to complain but I want to do something a little different this time. I want you all, as water users, to think for a moment just how far you have come in managing your water. Every single one of you needs to pat yourselves on the back, drink a beer, or grab a cookie. However you do it, celebrate!

As I am constantly looking at new data trying to stay as up-to-date on our water resource and I am so encouraged by what I see. I'm seeing a decline that isn't near as fast. I'm seeing producers making more profit with less water. I'm seeing innovative and creative management techniques. I'm seeing communities with an investment in extending the life of their aquifer. I'm seeing so much that everyone has a reason to be proud of what we are accomplishing.

Can more be done? Yes, but for now, keep doing your best as I know you're doing!

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Important Dates

**Monthly Board Meetings – First Wednesday of every month @ 9 am.
(Except February & December)**

November Board Meeting: November 3rd (Harvest Pending)

Governor's Conference: November 17th – 18th

Annual Meeting in Hoxie – February 9th

***Meetings are subject to change depending on weather, planting, &
harvest!***

***Please visit www.gmd4.org as well as our Facebook and Twitter page for
meeting information and changes.***

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- | | | |
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