

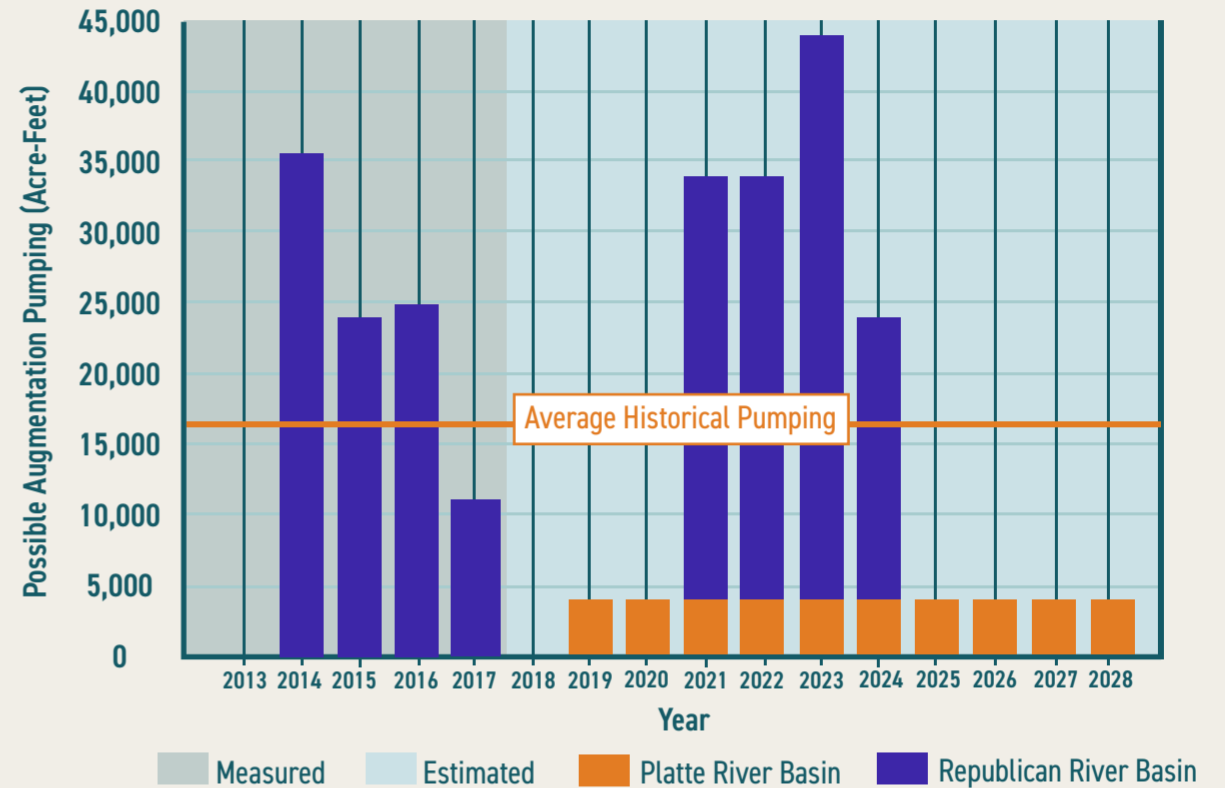
FACTS ABOUT YOUR AQUIFER

WHAT IS NCORPE'S LONG-TERM EFFECT ON THE OGALLALA AQUIFER?

STATE-OF-THE-ART SCIENCE INDICATES NCORPE IMPACTS LIKELY WON'T EXCEED THE EFFECTS OF IRRIGATION.

- Exact future pumping at NCORPE cannot be predicted, but the long-term goal is to not exceed pumping that would occur if it remained an irrigated farm.
- We assume the Platte River will receive the same amount of water per year. History indicates the project will be used about one-third to one-half of the time for the Republican River. For instance, pumping wouldn't have been needed from 2007-2013 for the Republican River.

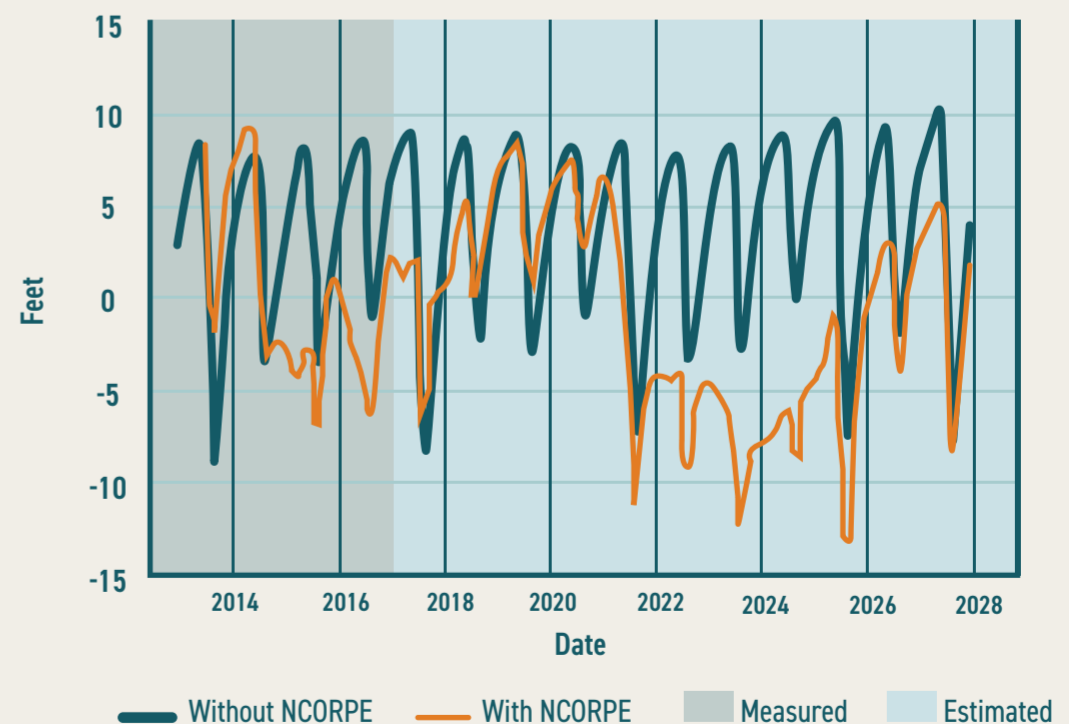
NCORPE's water modelers came up with this possible scenario for augmentation pumping—shown on the graph to the right.



HOW DOES THIS AUGMENTATION PUMPING SCENARIO AFFECT GROUNDWATER LEVELS?

Through water modeling, we can predict the possible scenario of augmentation pumping—shown on the graph to the right. The graph demonstrates what water levels will be under this scenario and what they would have been if irrigation had continued.

Water levels rise and fall in both scenarios, and they return to being approximately equal in 2019 and 2028. This indicates NCORPE may have **no greater impact** than pre-existing irrigation over the long term.



NCORPE can adjust to compact needs. New agreements between Nebraska, Kansas, and Colorado present the possibility that less water will be pumped at NCORPE than before the agreements were approved.

*Values are approximate. Information from the NCORPE groundwater model and monitoring equipment.