

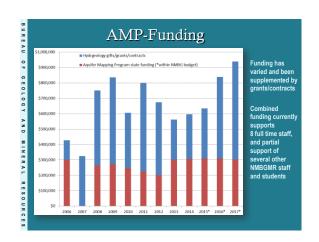
New Mexico Bureau of Geology and Mineral Resources

Components of our mission

BUREAU OF GEOLOGY AND

BUREAU

- New Mexico public regarding the state's geologic infrastructure, mineral and energy resources, and geohydrology (including water quantity and quality).
- Create accurate, up-to-date maps of the state's geology and resource potential.
- Provide timely information on potential geologic hazards, including earthquakes, volcanic events, soils-and subsidence-related problems, and flooding.
- Act as a repository for cores, well cuttings and a wide variety of geological data. Provide convenient physical and internet access to such resources.
- Provide public education and outreach through college teaching and advising, a Mineral Museum, and teacher- and student-training programs.



Aquifer Mapping Program

Frequently asked questions in New Mexico (besides "red or green?")

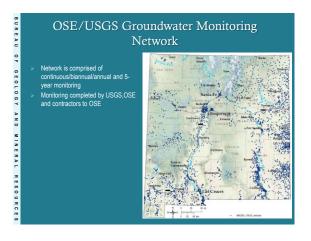
- Where is the groundwater? How much is there?
- What is the water quality?

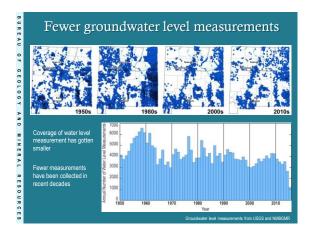
Answers require understanding of the complex geology of our state. We are



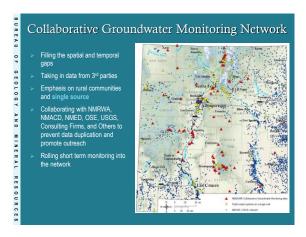




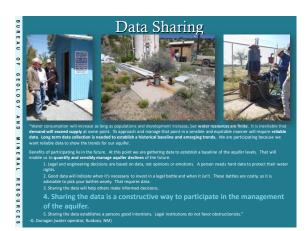








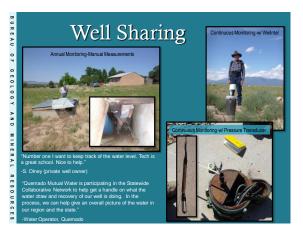




Data Sharing WHAT ABOUT DATA QUALITY?

- > We provide training to people taking water levels and providing that data to us. Onsite training or in group sessions.
- If water level monitoring is not available for a region, the only other data source is water levels reported on driller logs or declarations, which can be very poor quality or out dated.
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 > There is a LOT of data collected by consultants and other agencies that are not housed anywhere, these data will finally have a home!
- In some areas, less quality data are better than NO data. For unconfirmed data or unknown monitoring techniques, we will flag it in the database.





Collaborative Groundwater Monitoring Network

For more information on how we are utilizing Wellntel, please come to:

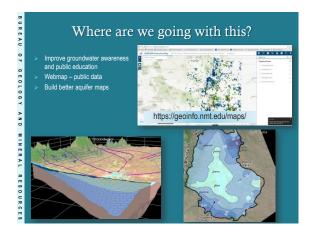
THE POWER OF NETWORKS:
INCREASING THE VISIBILITY OF LOCAL
GROUNDWATER RESOURCES

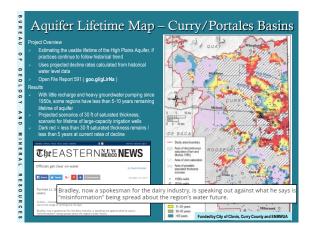
Tomorrow at 2pm in Room102 A











It Takes a Community to Build a Network And it Wouldn't be Possible Without...

> Healy Foundation

BUREAU OF GEOLOGY

- > AMAZING AMP Team
- > New Mexico Rural Water Association
- > Cooperators Data and well sharing
- > Those who spread the word

