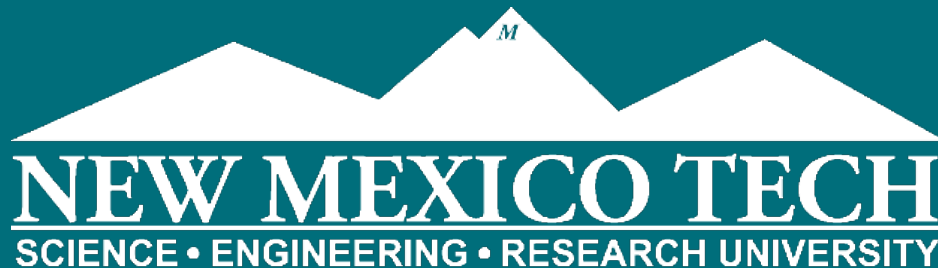


WATER DATA ACT AND WATER SECURITY PLANNING ACT

FROM THE NEW MEXICO BUREAU OF GEOLOGY AT NEW MEXICO TECH



Stacy Timmons
Associate Director, Hydrogeology Programs



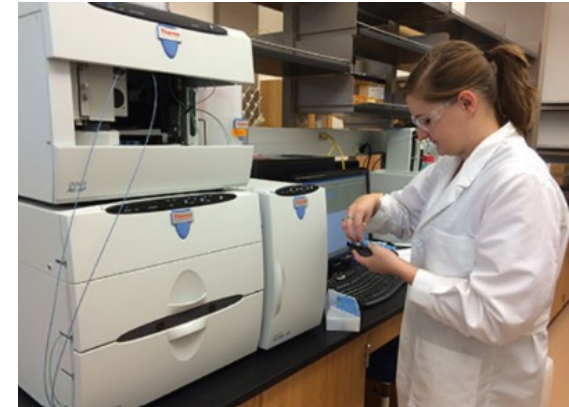
2019 WATER DATA ACT LEGISLATION PASSES (NMSA 1978, §72-4B)

Among other things, state agencies will collaborate with regional and national efforts to SHARE, INTEGRATE, and MANAGE water data.

- *Convener:* Bureau of Geology and Mineral Resources
- Office of State Engineer
- Interstate Stream Commission
- Environment Department
- Energy, Minerals and Natural Resources Department



WATER DATA ACT INCLUDES A WIDE RANGE OF WATER DATA



EXPLORE THE DATA CATALOG

CATALOG.NEWMEXICOWATERDATA.ORG

New Mexico Water Data

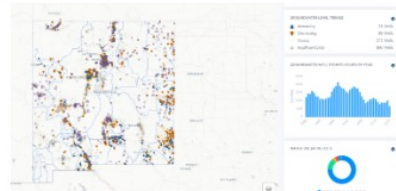
A collection of water data - for effective water management and planning.



Showcases



NM Office of the State Engineer/Interstate Stream Commission Point of Diversion



NM Bureau of Geology and Mineral Resources Groundwater Monitoring...

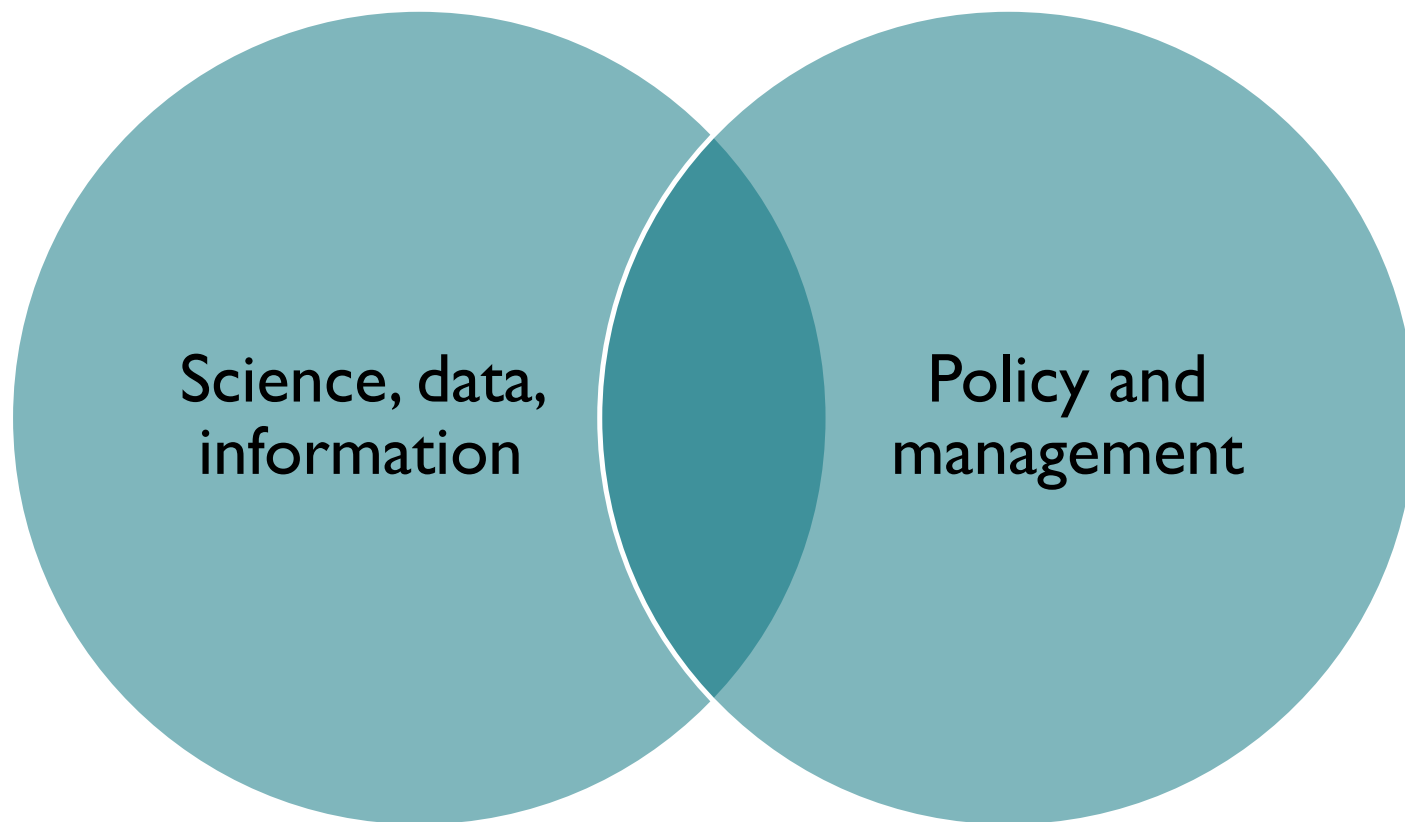


NM Energy, Minerals, and Natural Resources Department OCD Geospa...



NM Environmental Department OpenEnviroMap

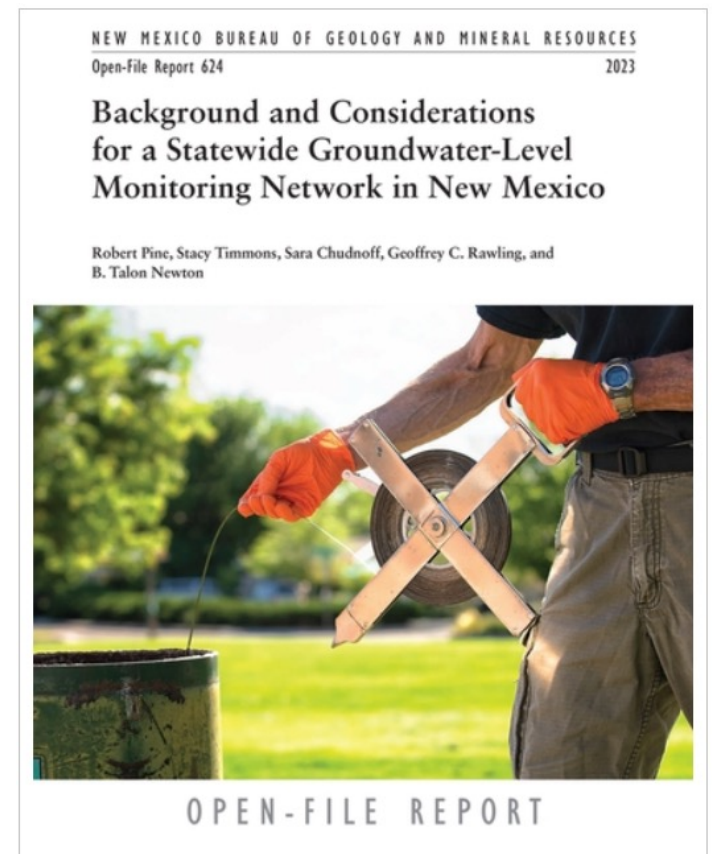
STRATEGIC WATER PLANNING: AREA OF OPPORTUNITY

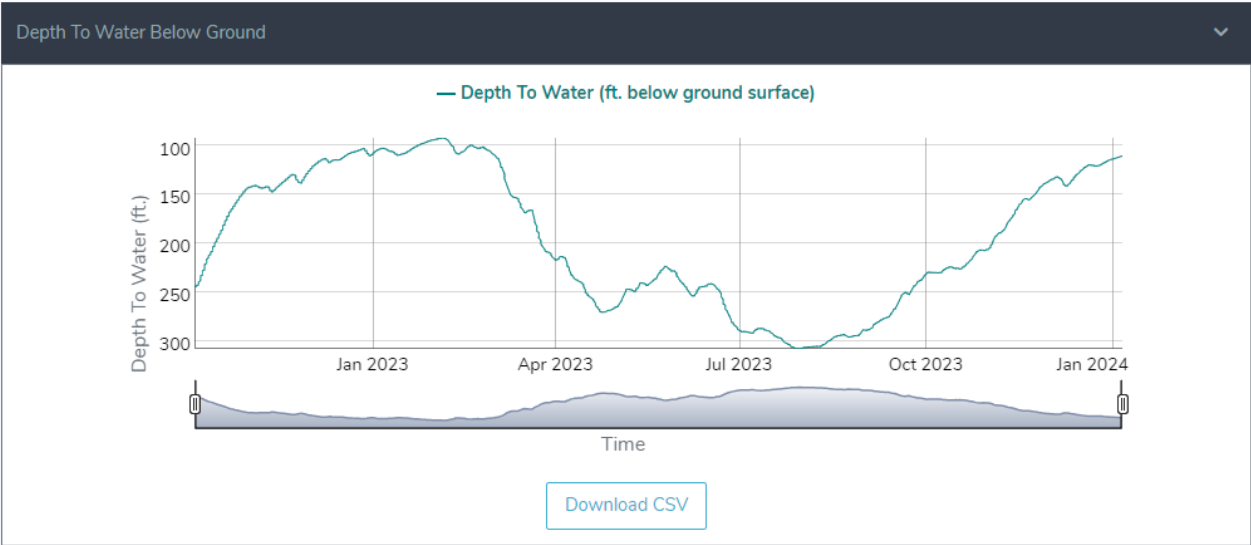
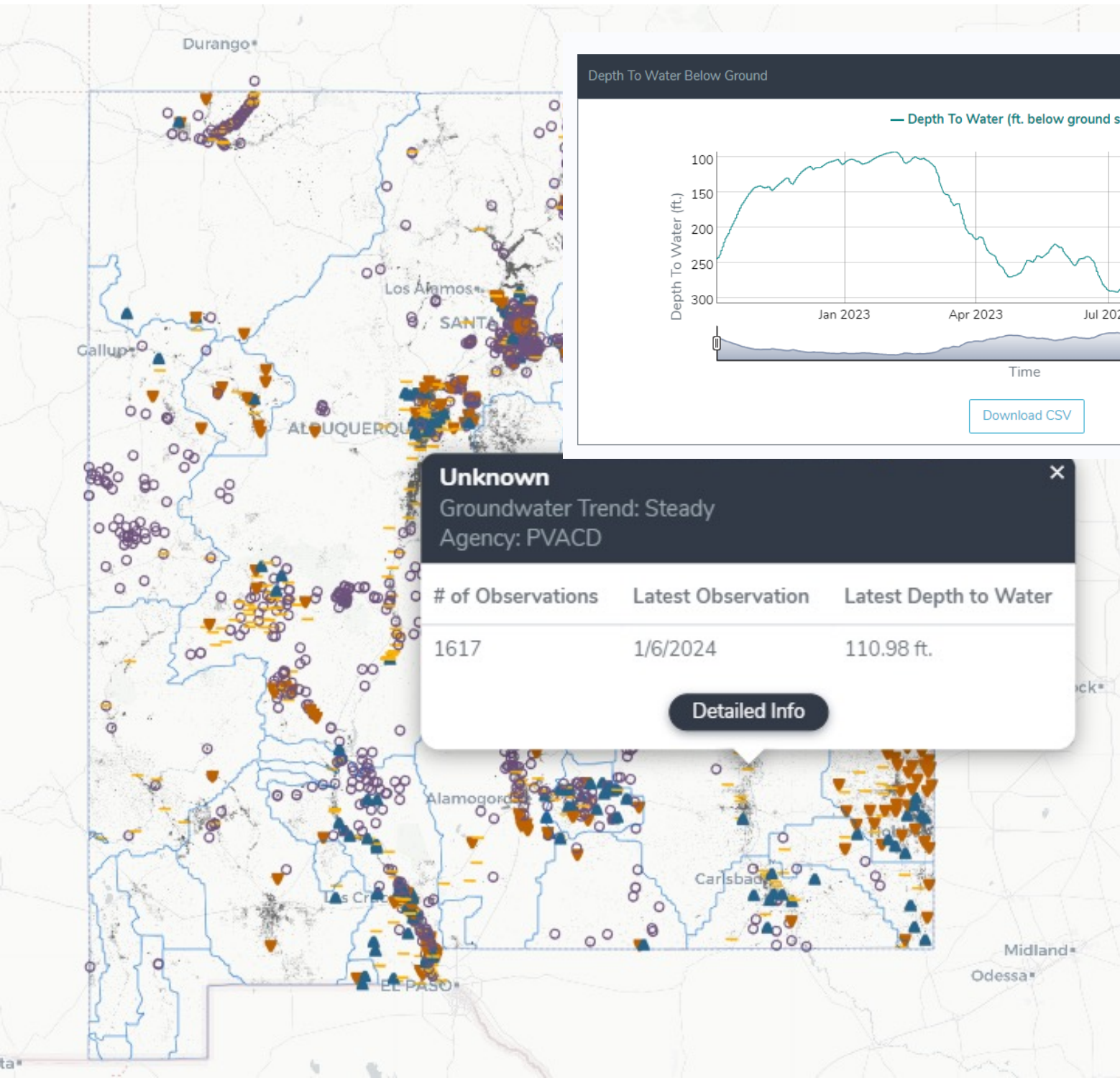


What are the key questions or data use cases?

USE CASE EXAMPLE

- Where are we monitoring groundwater levels in NM? And then, where do we need to improve this?
- Uses groundwater level data primarily from USGS and NMBGMR APIs





Unknown ✕

Groundwater Trend: Steady
Agency: PVACD

# of Observations	Latest Observation	Latest Depth to Water
1617	1/6/2024	110.98 ft.

Detailed Info

Groundwater Level

Show Low

▲ Increasing

— Steady

▼ Decreasing

○ Insufficient Data

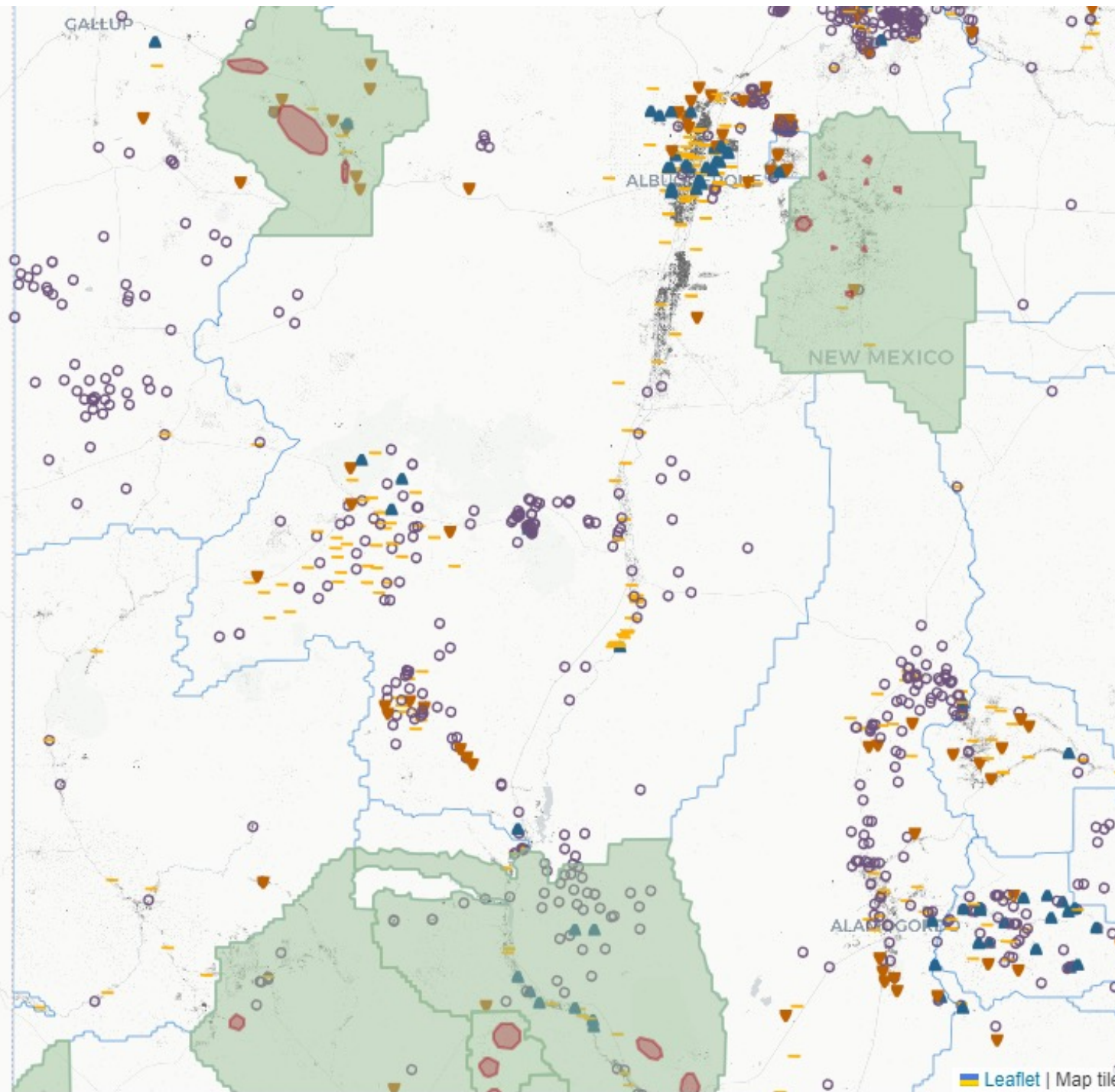
Map Features

■ Recommended Locations for New Groundwater Monitoring Wells

■ High Priority Region for Groundwater Monitoring Network Expansion

■ Groundwater Basins

● Point of Diversion
(Larger Size = Greater Water Right)



STAY CONNECTED – NM WATER DATA

Newmexicowaterdata.org

Sign up for newsletter!



Save the date:

May 10, 2024

Water Data Workshop in Albuquerque