



NEW MEXICO WATER DATA INITIATIVE

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newmexicowaterdata.org

THE PROBLEM: FINDING THE DATA TO MAKE INFORMED DECISIONS

- As we face warmer, drier years ahead, water managers, planners and decision makers need quick access to robust water data!
- New Mexico's water data can be
 - In file cabinets
 - In different formats
 - Available from many different providers



THE SOLUTION: THE WATER DATA ACT

Enacted by state of New Mexico in 2019

NMSA 1978, § 72-4B

**OUR MISSION: TO MAKE FINDING WATER
DATA SIMPLE!**

Our Vision: New Mexicans will have accessible and
useful data for water management and planning

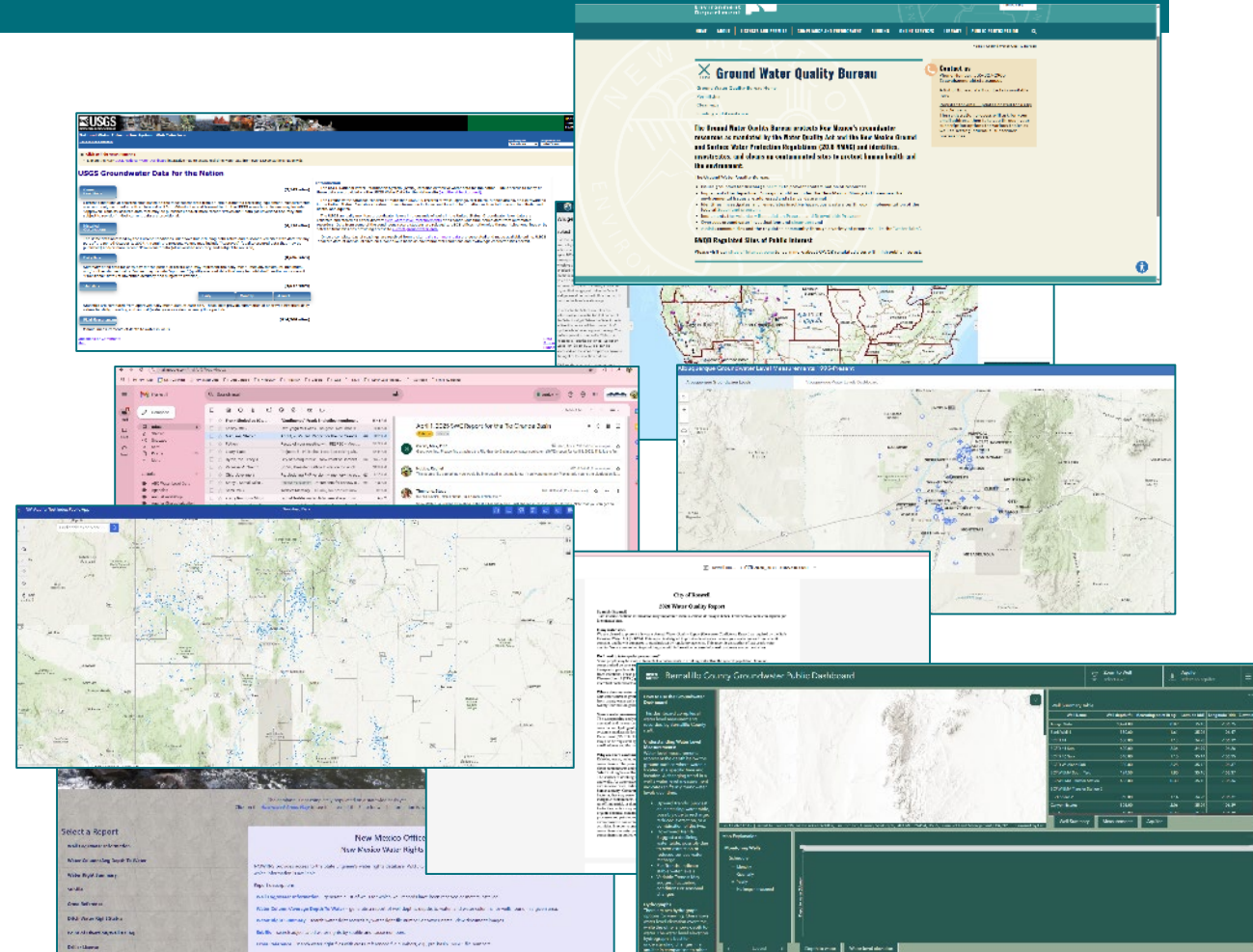


Energy, Minerals and Natural Resources Department



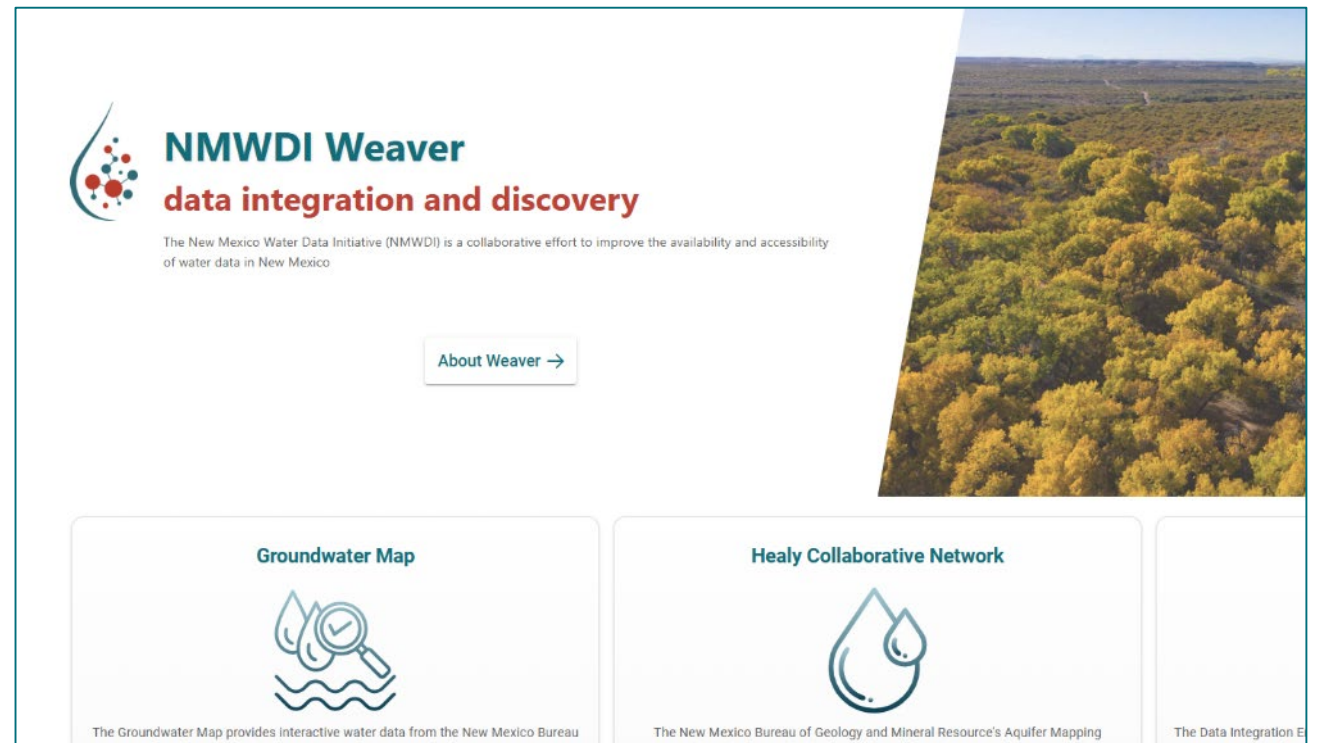
EXAMPLE: GROUNDWATER DATA

- A water manager wants to understand how groundwater levels are changing in their region
- They have to track down water level data from many different agencies
 - USGS
 - NMBGMR
 - US Bureau of Reclamation
 - State Agencies
 - Municipalities
 - Conservation Districts



WEAVER: INTERWEAVING GROUNDWATER DATA SOURCES

- NMBGMR has developed a data sharing infrastructure that allows us to integrate multiple sources of groundwater data – We're weaving it together!
- Can turn on view federal, state, regional and local datasets
- Goal is to allow users to download in a unified format
- Will support aquifer characterization work ahead



weaver.newmexicowaterdata.org

Data Layers

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NMBGMR - All Sites

New Mexico Bureau of Geology and Mineral Resources
- ▼

📁

NMBGMR - All Wells

📍

✓

NMBGMR - Actively Monitored

🟢

📍

NMBGMR - Calculated Trends

📍

NMBGMR - Surface Water

📍

Healy Collaborative Network
- ▼

📁

USGS NWIS - All Sites

USGS National Water Information System
- 📍

✓

USGS NWIS - Active Sites

🟡

📍

USGS NWIS - Inactive Sites
- 📍

PVACD

Pecos Valley Artesian Conservancy District

📍

✓

BernCo

🟢

Bernalillo County

📍

✓

EBWPC

🟡

Estancia Basin Water Planning Committee

📍

✓

CABQ

🟡

City of Albuquerque

📍

EBID

Elephant Butte Irrigation District

📍

OSE - Roswell Region

OSE Roswell

📍

OSE - San Acacia Region

OSE San Acacia Reach

📍

OSE PODs

Office of the State Engineer Groundwater PODs

E-8428

Site Information Hydrograph

● E-8428 - Manual Groundwater Levels ● E-8428 - Groundwater Levels

2014-05-01 50.03

Depth to Water (ft Typ)

2012 2014-05-01 2015 2018 2021 2024

Disclaimer

Data Layers ^

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OSE - Roswell Region

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OSE - San Acacia Region

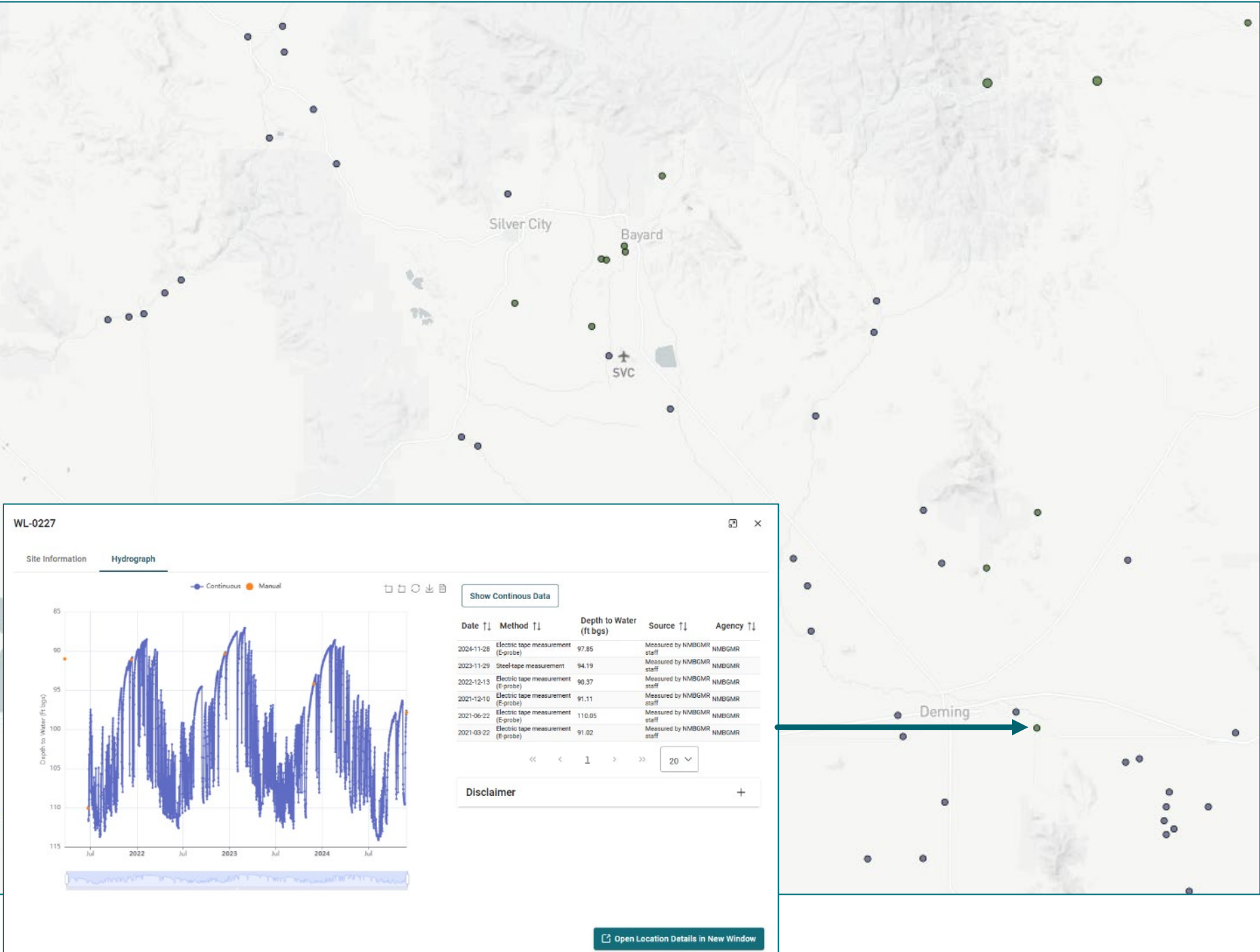
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OSE San Acacia Reach
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OSE PODs

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Office of the State Engineer Groundwater PODs



THE DIRECTING AGENCIES ARE WORKING ON DATA ACCESSIBILITY PROJECTS

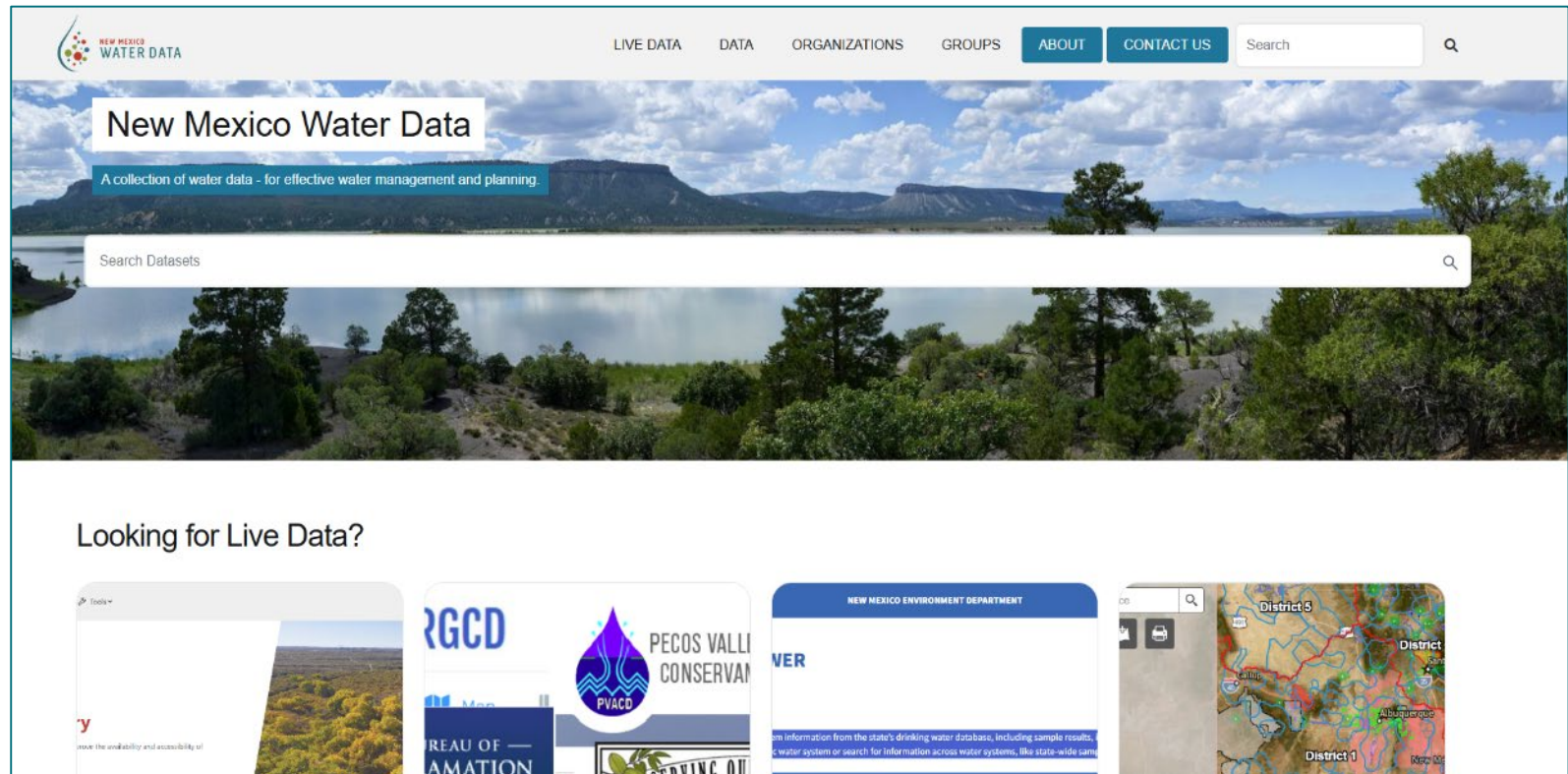


2024 Plan: New Mexico Water Data Initiative

SEPTEMBER 2024

Plan for continued implementation of the Water Data Act

This plan was prepared by the New Mexico Bureau of Geology and Mineral Resources (NMBGMR) in partnership with the New Mexico Interstate Stream Commission (ISC), New Mexico Office of the State Engineer (OSE), New Mexico Environment Department (NMED), and New Mexico Energy, Minerals and Natural Resources Department (EMNRD).

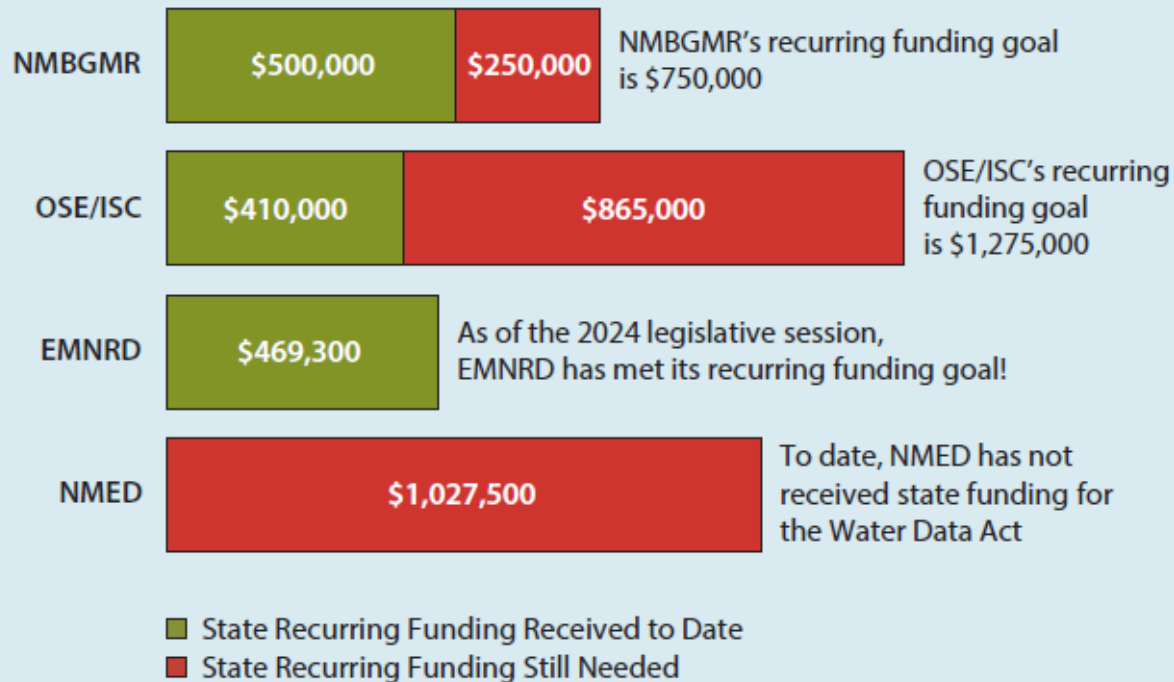


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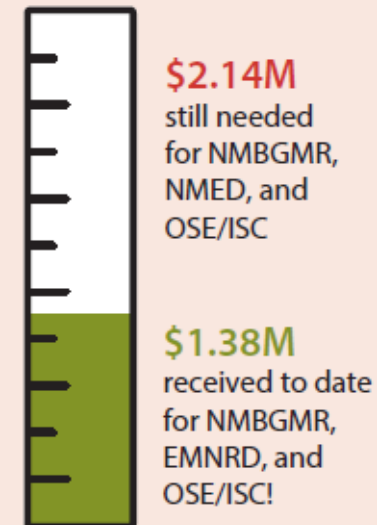
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LEGISLATIVE SUPPORT FOR THE WATER DATA ACT IS MAKING THESE ADVANCEMENTS POSSIBLE-THANK YOU!

Recurring State Funding Received and Still Needed for Each Water Data Act Directing Agency



Total Recurring State Funding Received and Still Needed for all Water Data Act Directing Agencies





SAVE THE DATE! 2025 WATER DATA WORKSHOP OCTOBER 14-15, 2025

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SIGN UP FOR OUR NEWSLETTER

