



2025

Water Level Transducer Report



A water level transducer is an electronic device suspended in water that measures water depth based on changing pressure influenced by fluctuating water levels. The transducer continuously measures water levels and records measurements at predetermined times to an internal memory. The recorded data can be downloaded manually, or a telemetry device can transmit data via cellular connection to a database.

The LLNRD water level monitoring network includes 93 level transducer sites throughout the District.

- 65 - monitoring wells (without telemetry)
- 10 - monitoring wells (NRD telemetry)
 - 5 - Columbus Recharge Project
 - 5 - Boone County Drawdown Area
- 8 - monitoring wells (UNL telemetry)
- 4 - monitoring wells (USGS telemetry)
- 5 - irrigation wells (without telemetry)
- 1 - Christopher Cove surface water (NRD telemetry)

Water Level Transducer Sites



Monitoring Wells – Custer County



Irrigation Well – Boone County



Monitoring Wells – Loup County
UNL Realtime Telemetry



Monitoring Wells – Buffalo County
USGS Realtime Telemetry

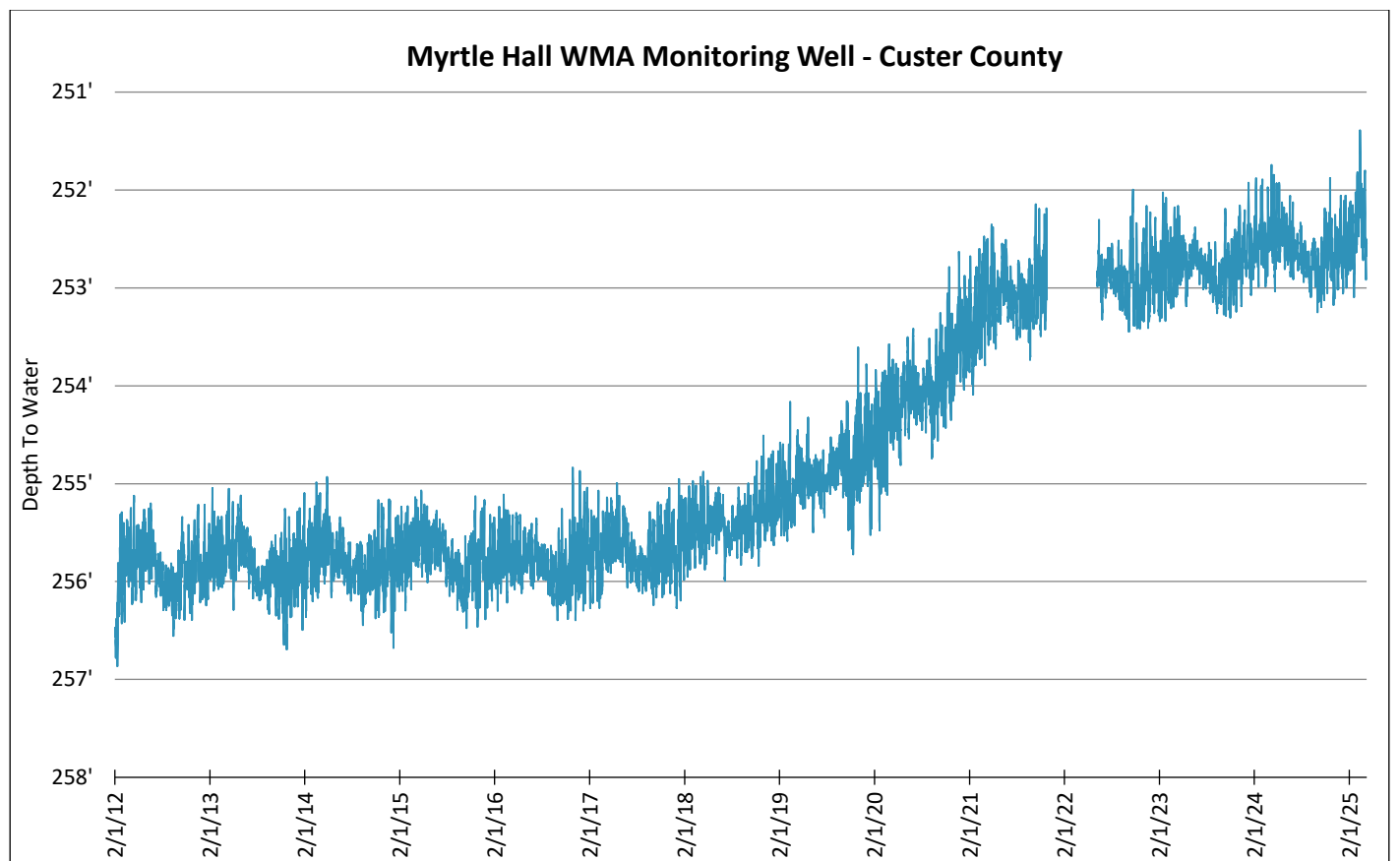
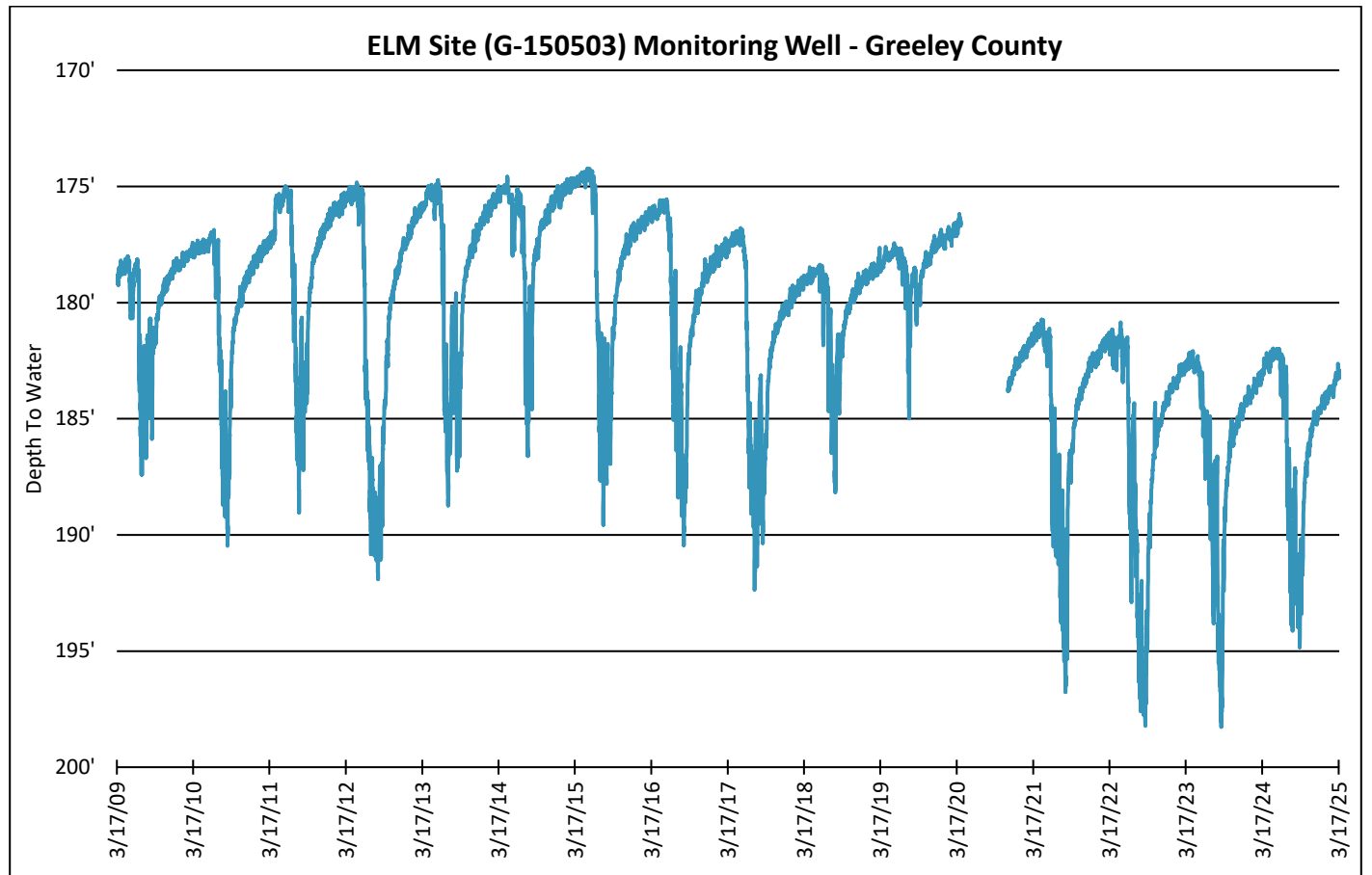


Monitoring Well – Platte County
NRD Realtime Telemetry

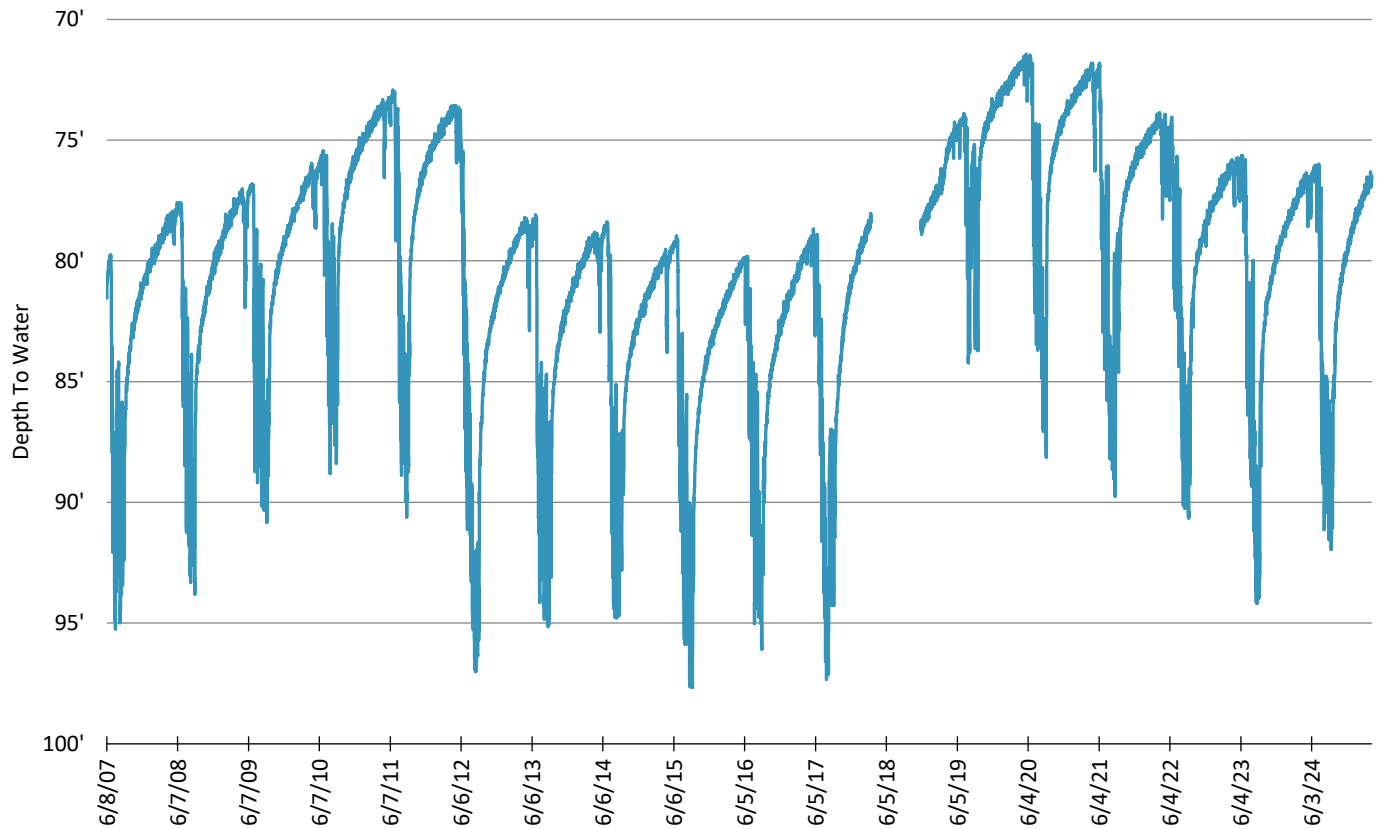


Monitoring Wells – Boone County
NRD Realtime Telemetry

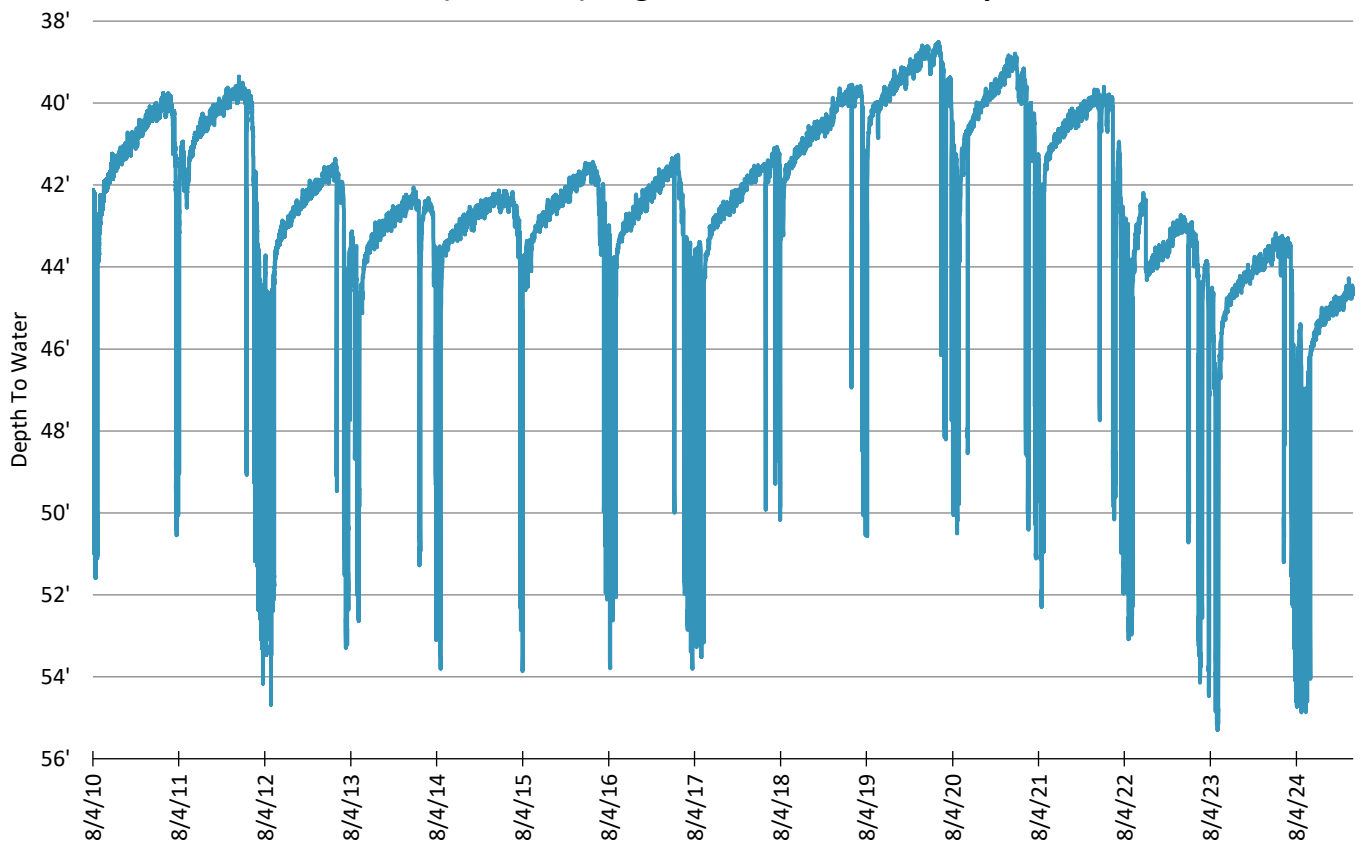
Water Level Transducer Data



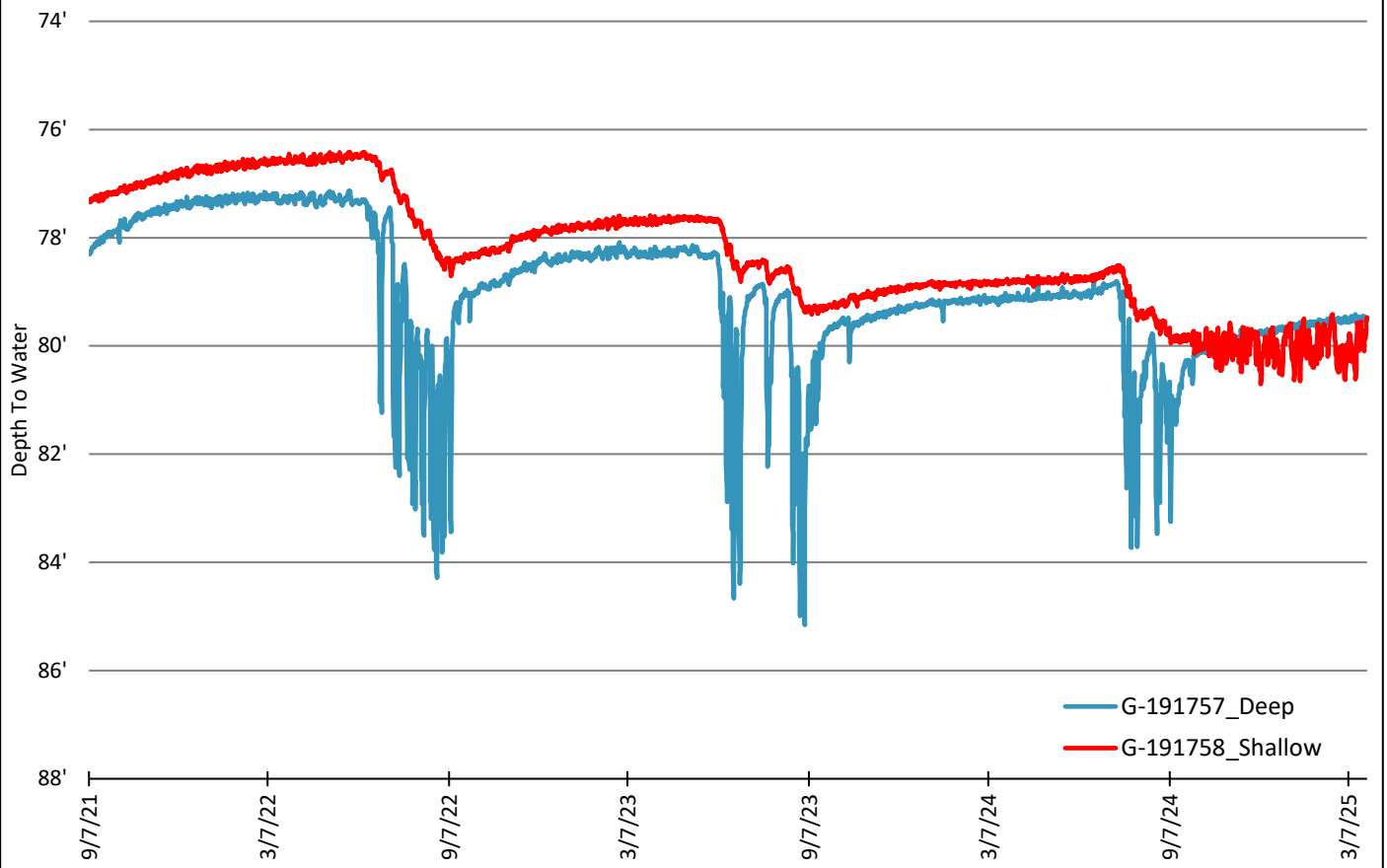
USGS Merna (Grantzinger) Monitoring Well - Custer County



Hoefer (G-037335) Irrigation Well - Boone County



Schreiber Monitoring Wells - Area 30 Platte County



Loseke Monitoring Wells - Area 30 Platte County

