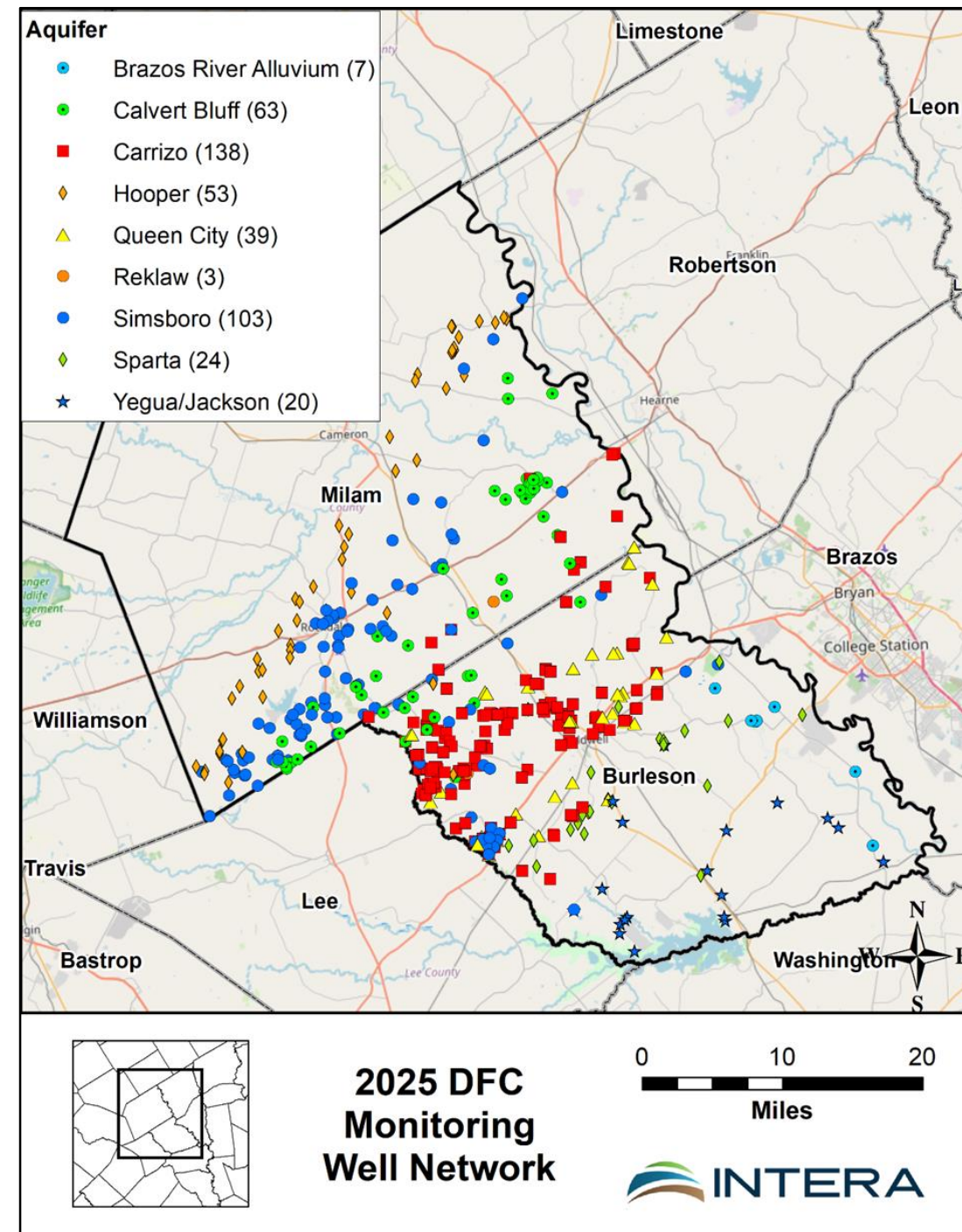


POSGCD Monitoring Network

11/17/2025

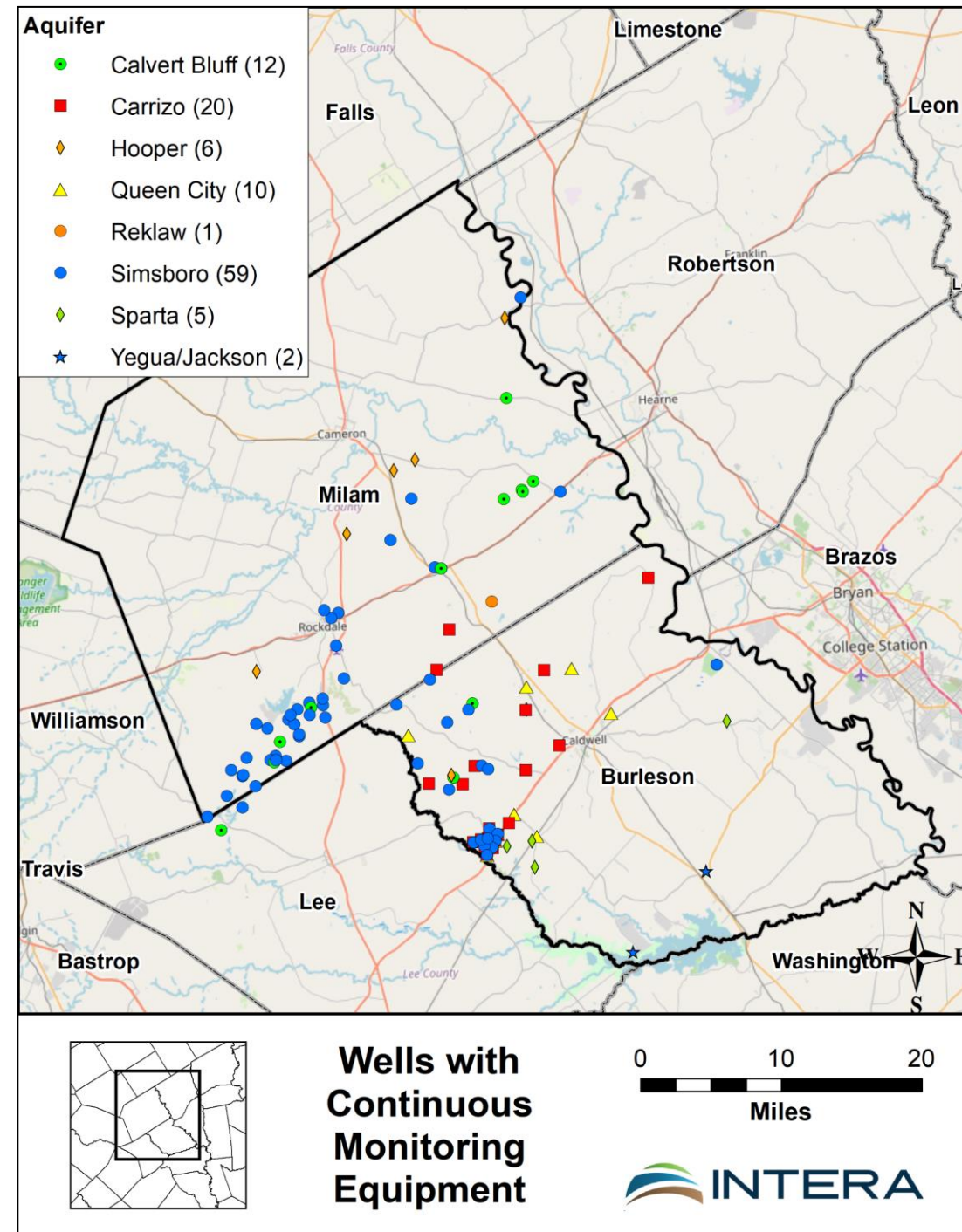
Monitoring Wells

- POSGCD maintains a network of water level data from wells both inside and outside of the District
- 480 of these wells inside the District yielded a water level measurement in 2024 and 2025
- 114 wells are equipped with either a transducer and data logger or WellIntel equipment



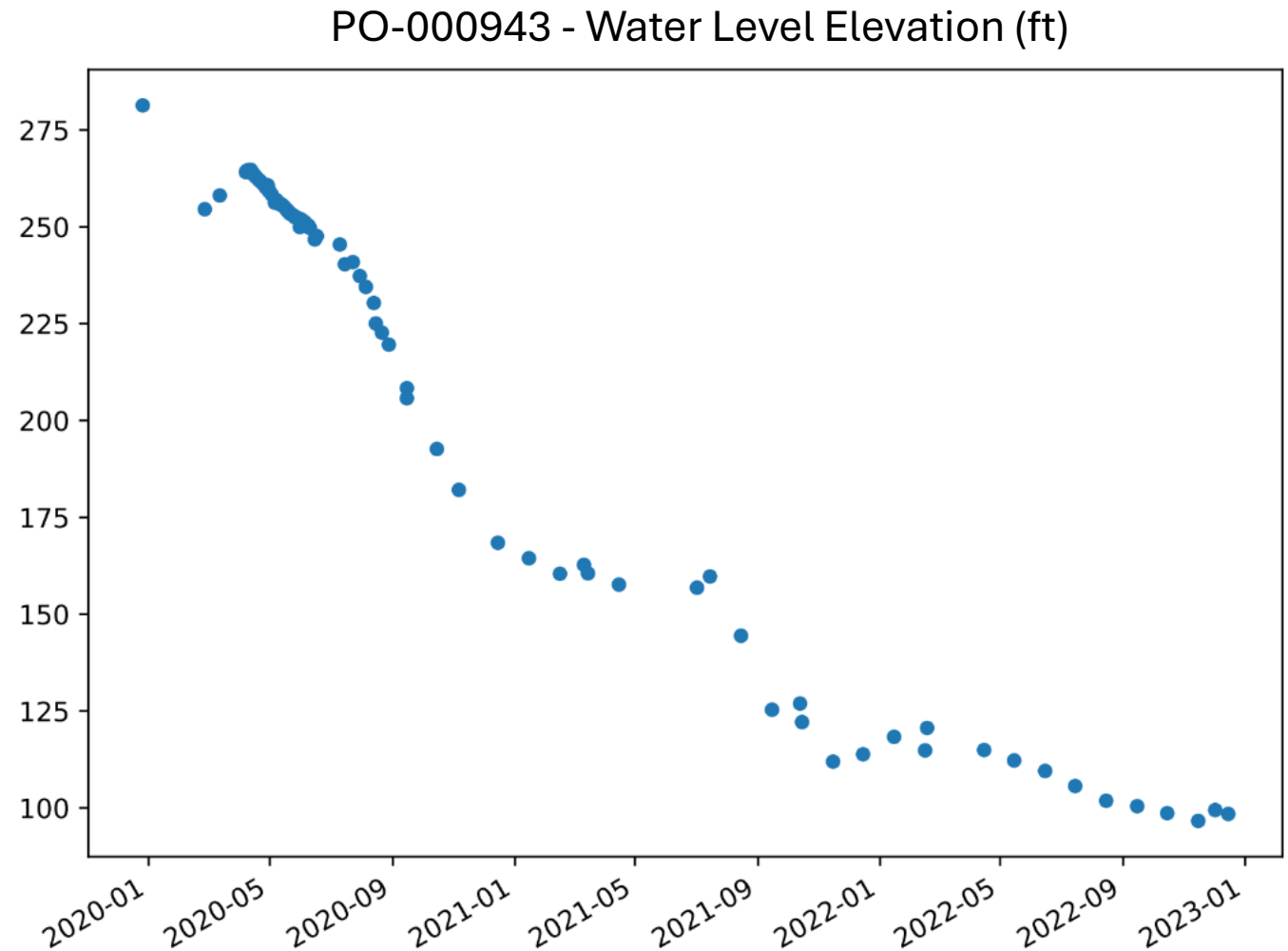
Continuously Monitored Wells

- The 115 continuously monitored wells encompass 8 aquifers
- The Simsboro has the most areal coverage of continuous monitoring
- Waterlevels in the wells of the biggest producers in the District are monitored continuously



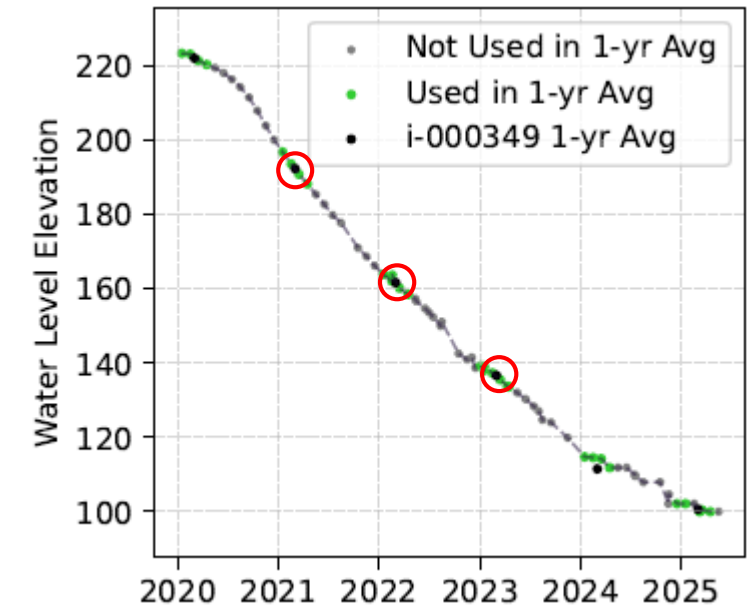
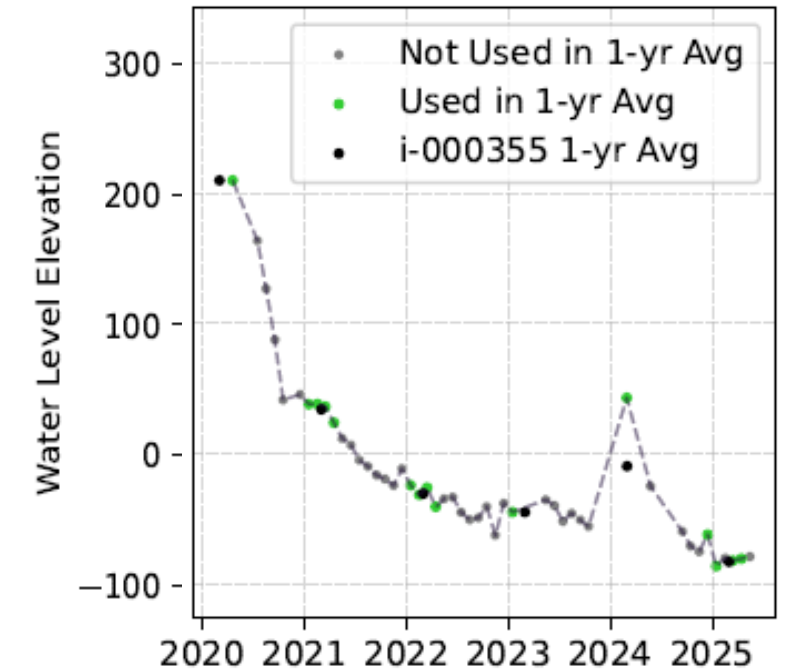
District Monitoring Requirements

- The District has required certain permit holders to install monitoring equipment and/or monitoring wells on their property to assist the District with data collection
- Such requirements have resulted in transducers being placed on wells owned by Vista Ridge, SLR, and Bluewater I-130



Waterlevel and Drawdown Analyses

- Water levels from January – April are prioritized for use in drawdown analyses, though water levels are measured during the summer for many wells in the District
- Monthly averages for transducer measurements are combined with manual measurements to generate yearly averages for each well
- Compliance with DFCs
 - Rolling 3 averages are then generated for each well
 - Annual “winter” water levels are used to generate contours of water levels across the entire Management Zone for each DFC



Example Drawdowns: 2025 Compliance Report

