

GROUNDWATER MONITORING NETWORK

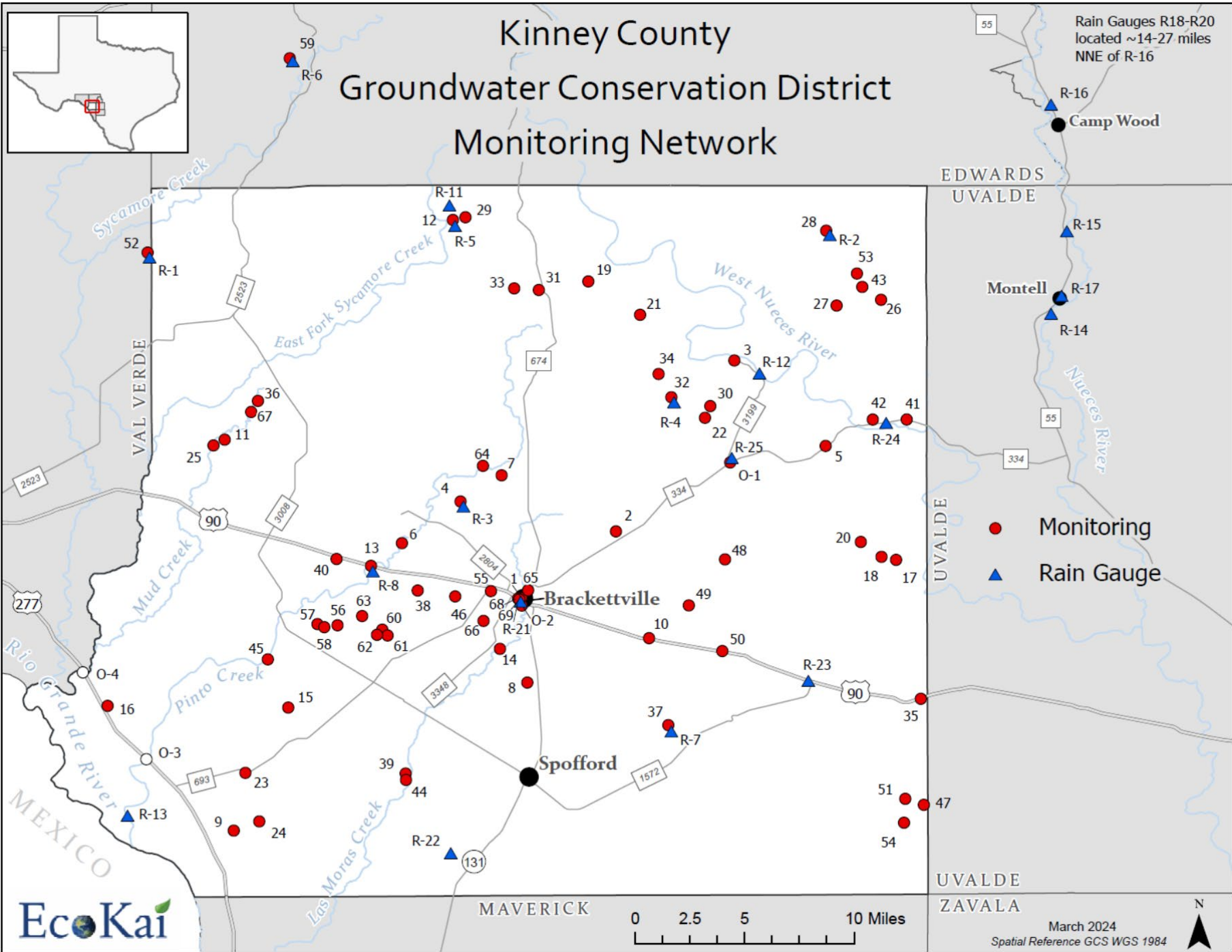
KINNEY COUNTY GROUNDWATER
CONSERVATION DISTRICT

Kinney County Groundwater Conservation District

Jim Burton

April 10, 2024

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Progress Report – Field Work

METER READING AND SITE VISIT DOCUMENTATION

Completed Site Visits to All Permitted Well locations

Meter reading verification and documentation, including photos.
draft Document Deliverable in next few weeks.

Overview of Existing Conditions

51 Individual KCGCD Permits

32 Unique Permit Holders

115 Unique Well Locations

59 Wells in Use – does not include City (2) or State (2)

Pumping Reports: 51



Progress Report – Field Work

ADDITIONAL MONITORING LOCATIONS

Six new monitoring locations are scheduled for automated instrumentation immediately, with additional planned deployed in the fall.

Private Property, Private Wells, Private Infrastructure -

WEB BASED ELECTRONIC PUMPING REPORT SUBMITTAL

Final development and APP role out continues to be on pause pending rules committee action, if any, and minor structure / architectural changes.

Progress Report – Field Work

WEB BASED ONLINE DATA VIEW FOR SELECTED WELLS

Data is collected and formatted for online viewing

Completed an initial ESRI ArcGIS database for monitoring well locations

Selected well and spring data could be incorporated on a future KCGCD Web site

WATER LEVEL GRAPHS

Well Water Level Graphs

TWDB – Tularosa Well (775 ft)

Big Mill (~300 ft)

Red Mill (~250 ft)

Kickapoo Crownover (560 ft)

Kickapoo Main Supply Well (360 ft)

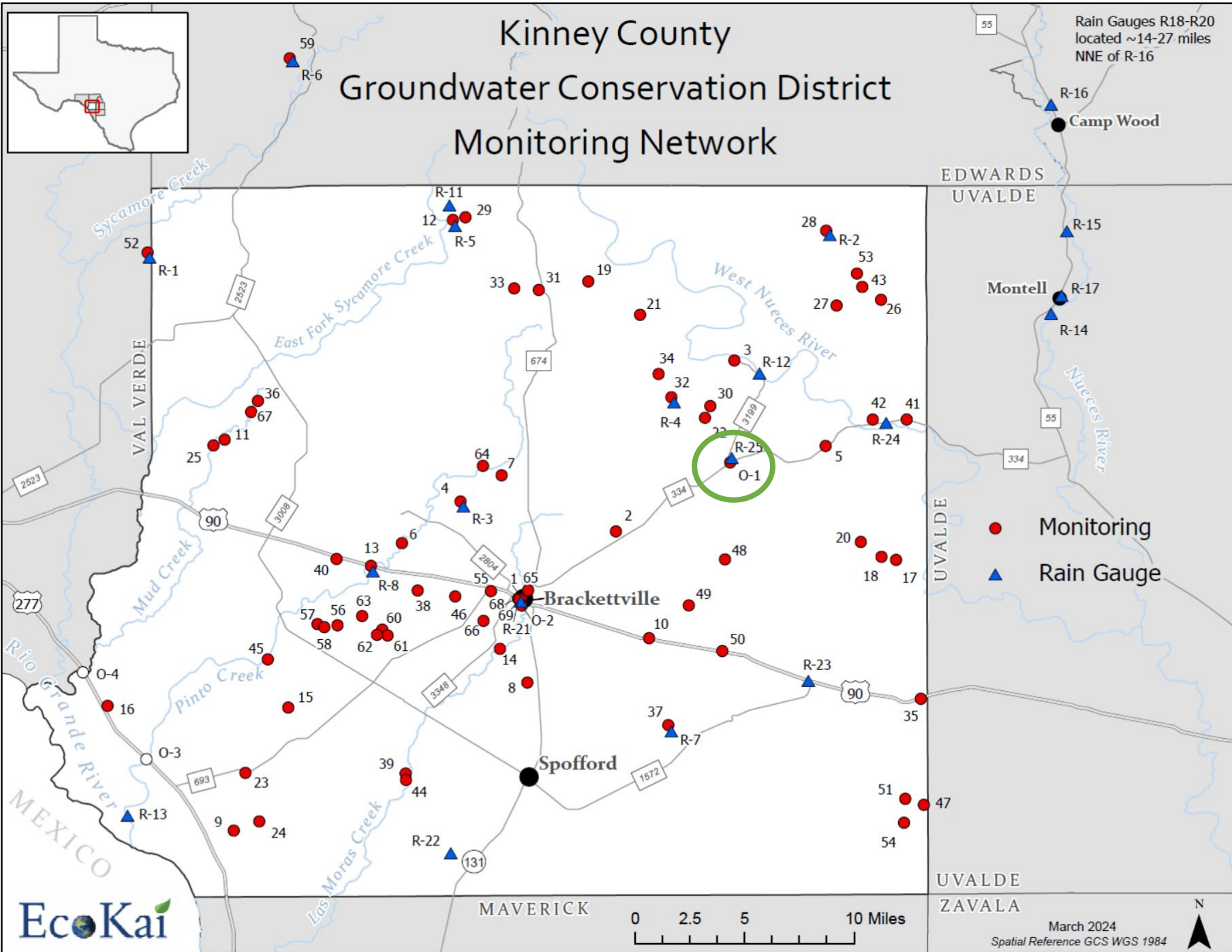
Well Closest to Las Moras Springs Water Level Graphs

City Well No. 2 (1481 ft)

City Well No. 1 (947 ft)

FCS Mud Well No. 2 (~980 ft)

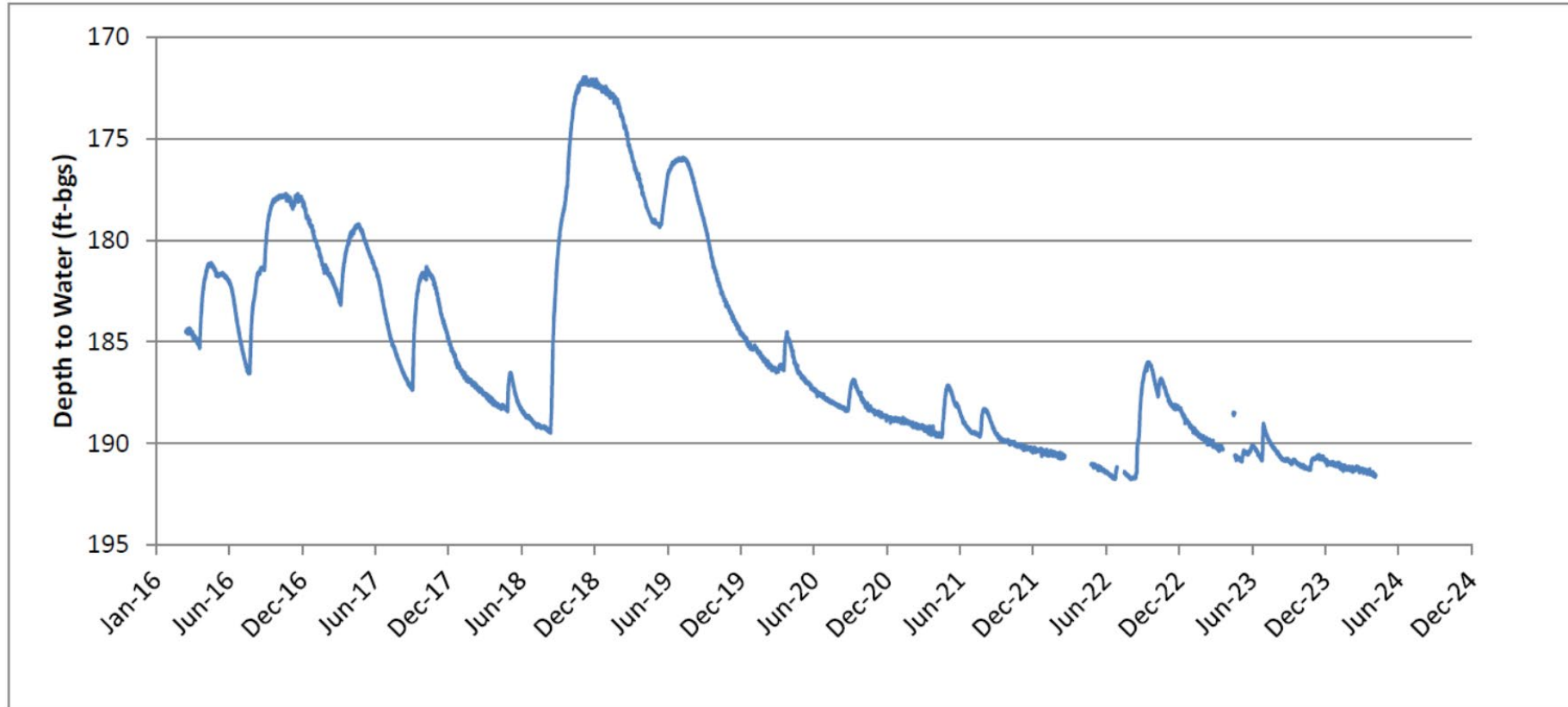
Las Moras Spring Pool Stage

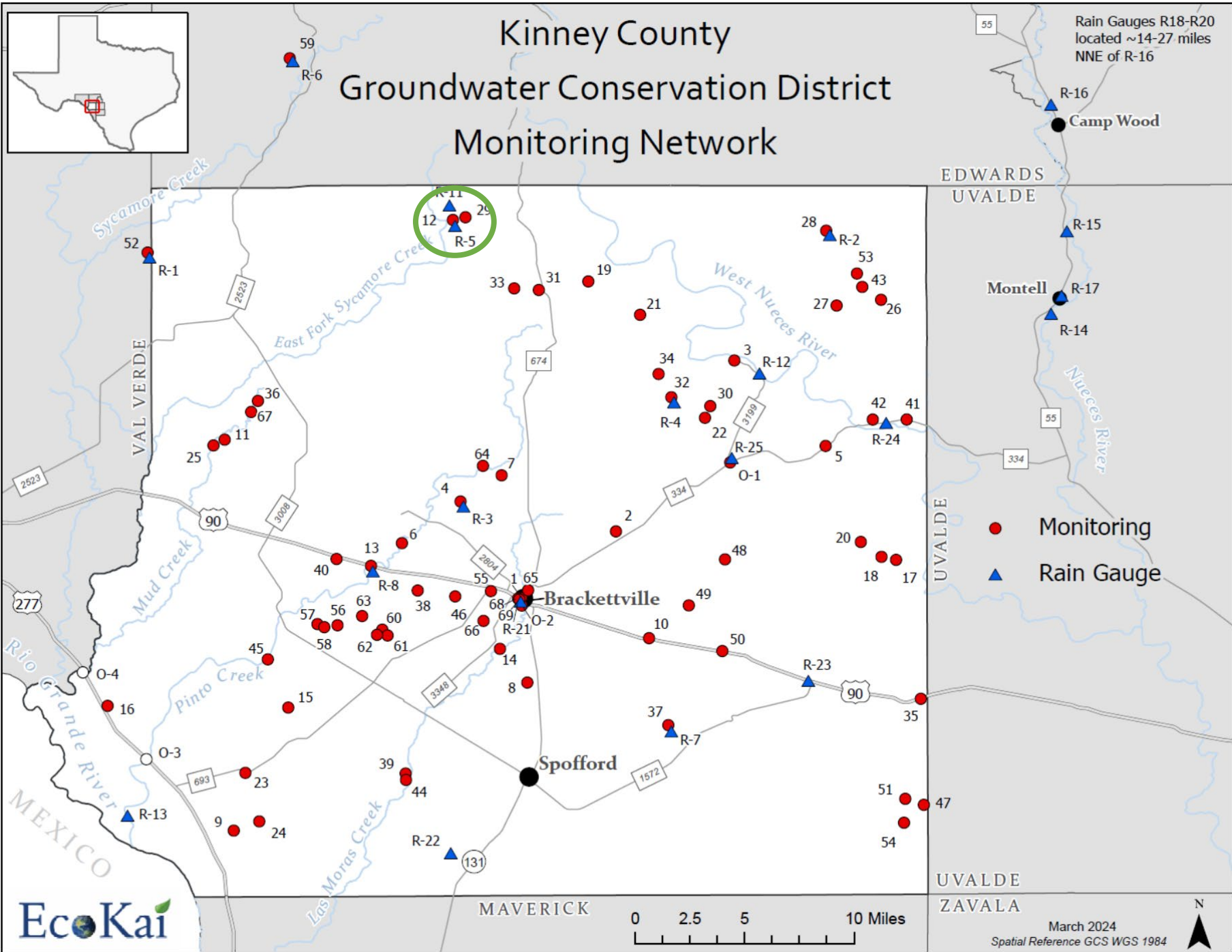


Tularosa Well (TWDB - 7038902)

TD = 775 ft / Edwards BFZ

Depth to Water (ft-bgs)*

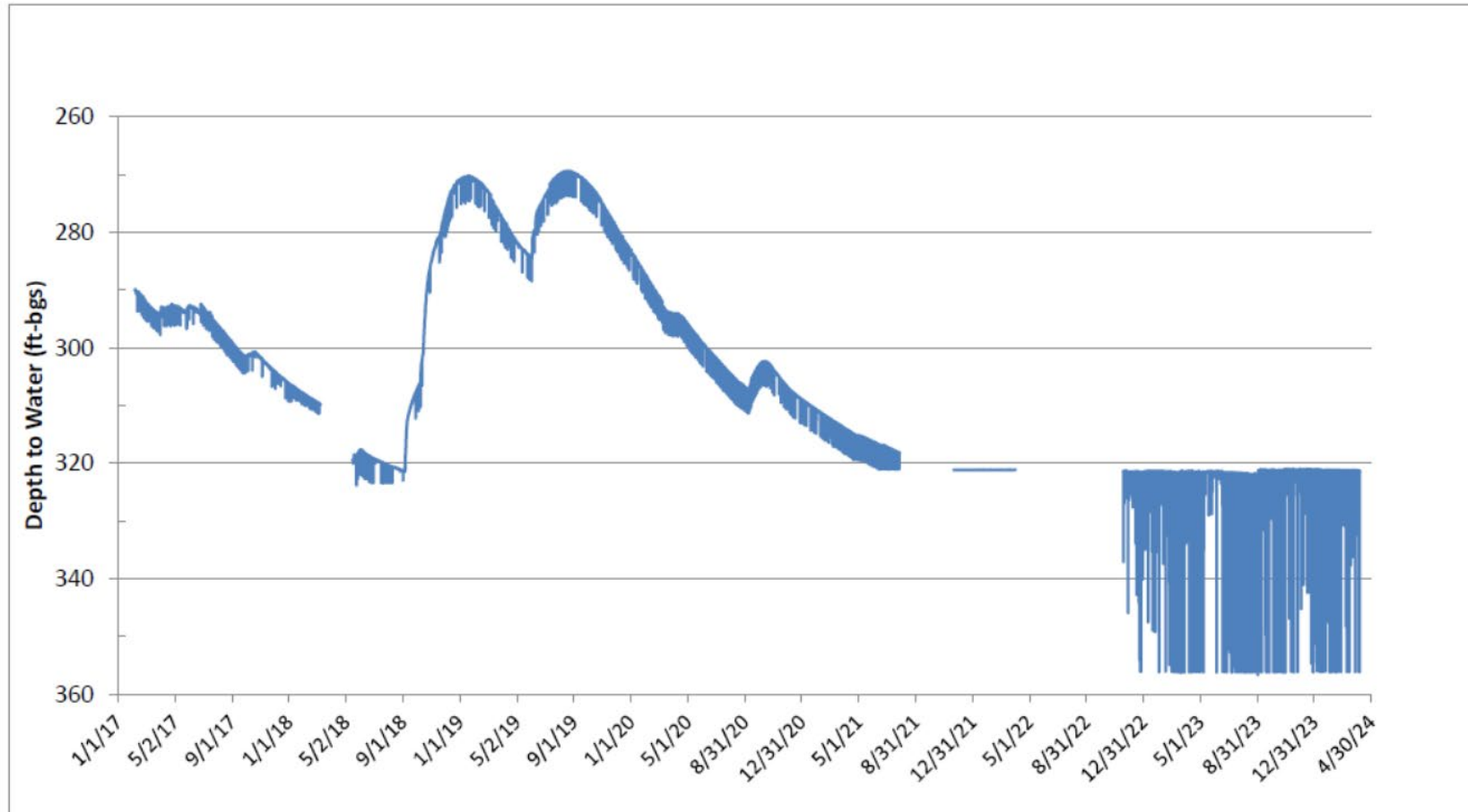




Kickapoo Cavern State Park (Main Supply)

TWDB # 7029102

Depth to Water (ft-bgs)



PRELIMINARY

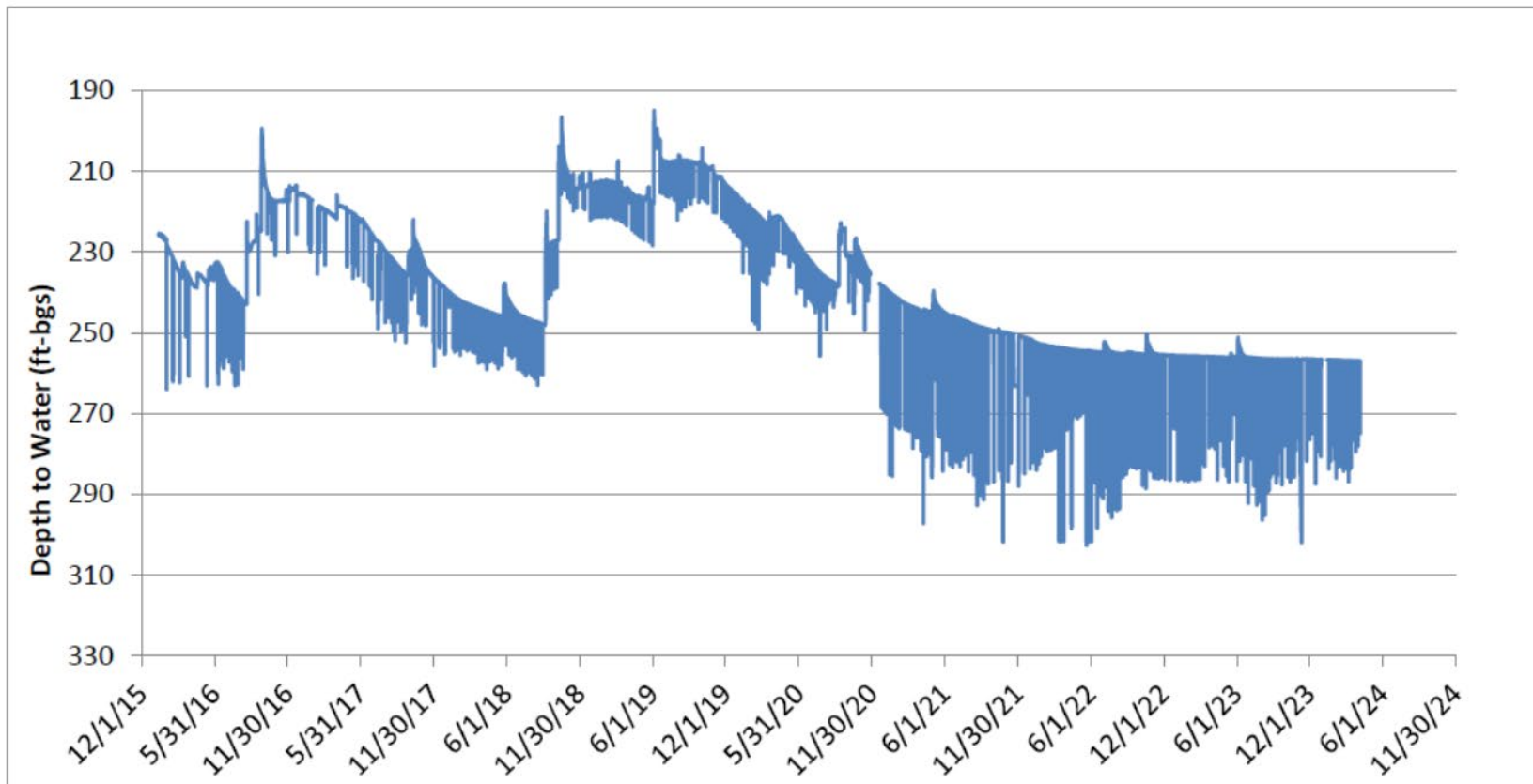
4/9/2024

Kinney County Groundwater Conservation District (Map #29)

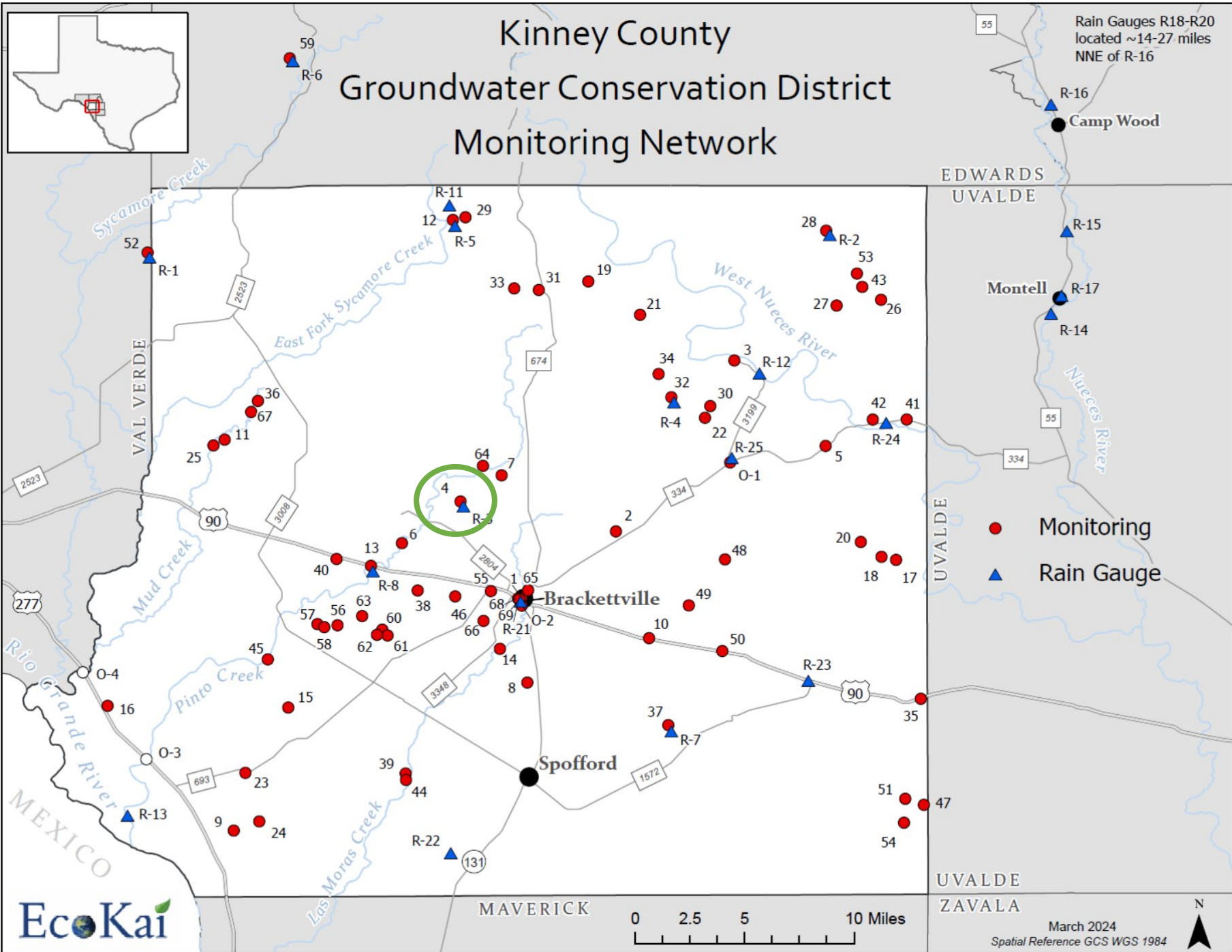
Kickapoo Cavern State Park (Crownover)

TWDB # 7029101

Depth to Water (ft-bgs)

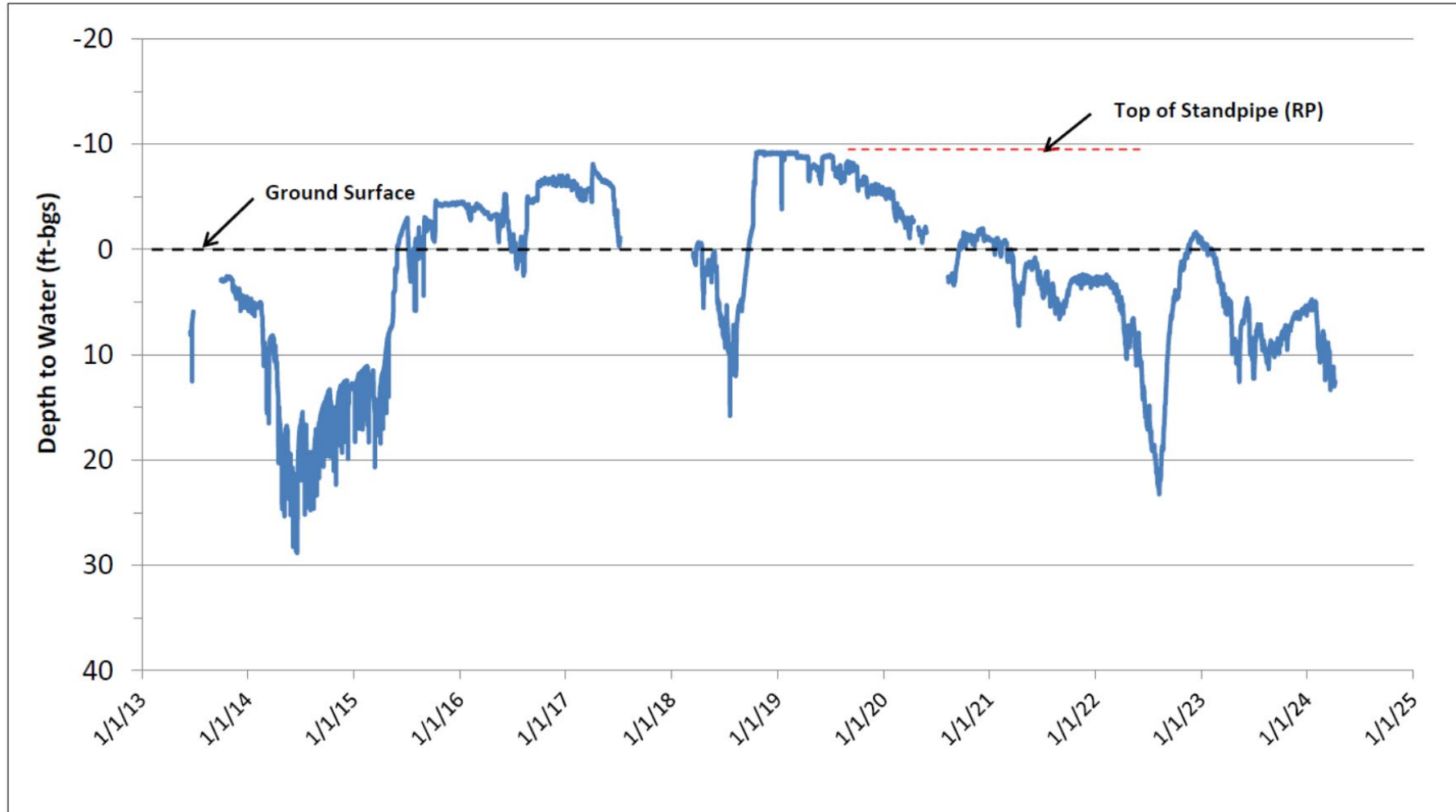


PRELIMINARY



Dooley Well

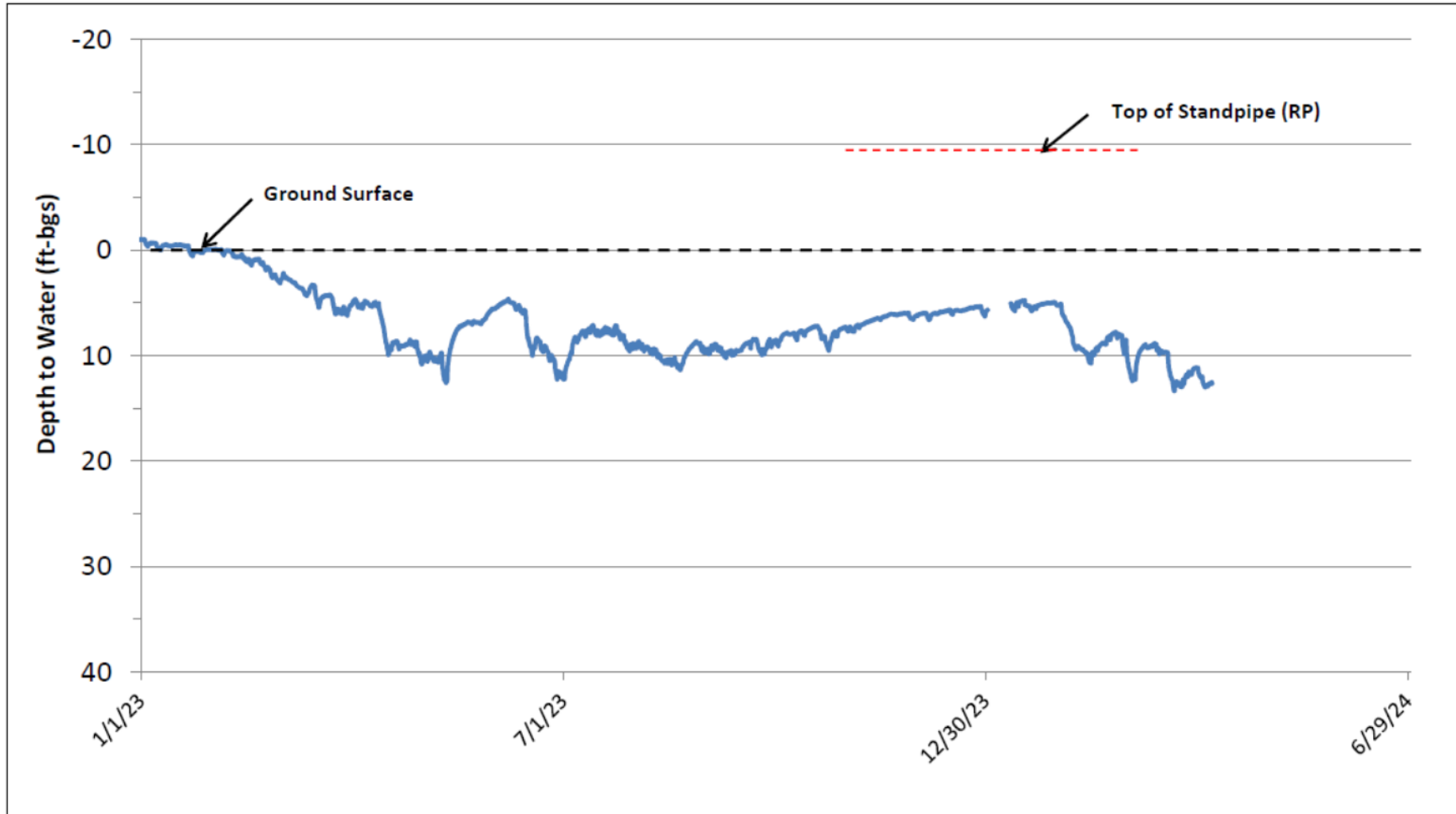
TWDB # 7037704
Depth to Water (ft- bgs)

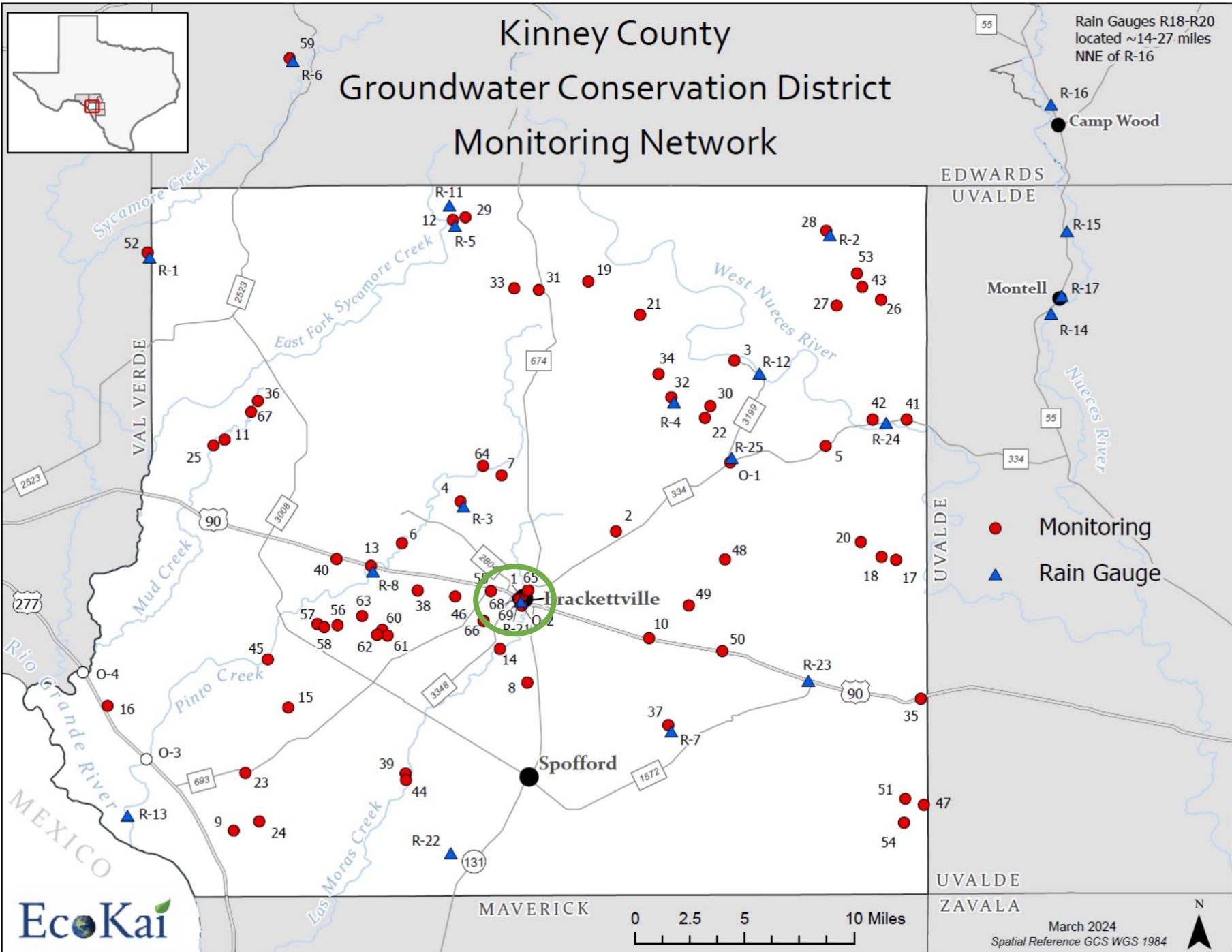


Dooley Well

TWDB # 7037704

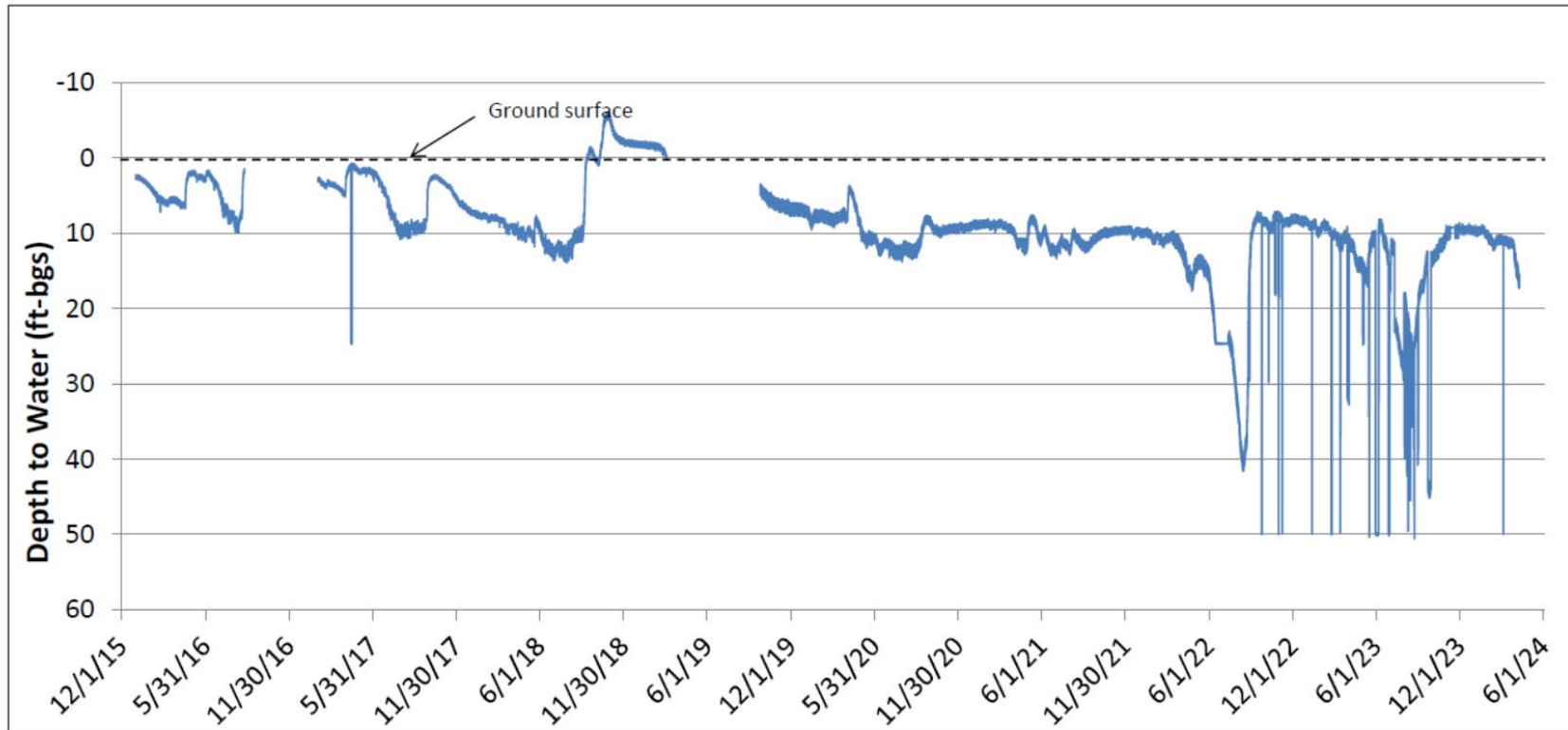
Depth to Water (ft- bgs)





City Well No. 1

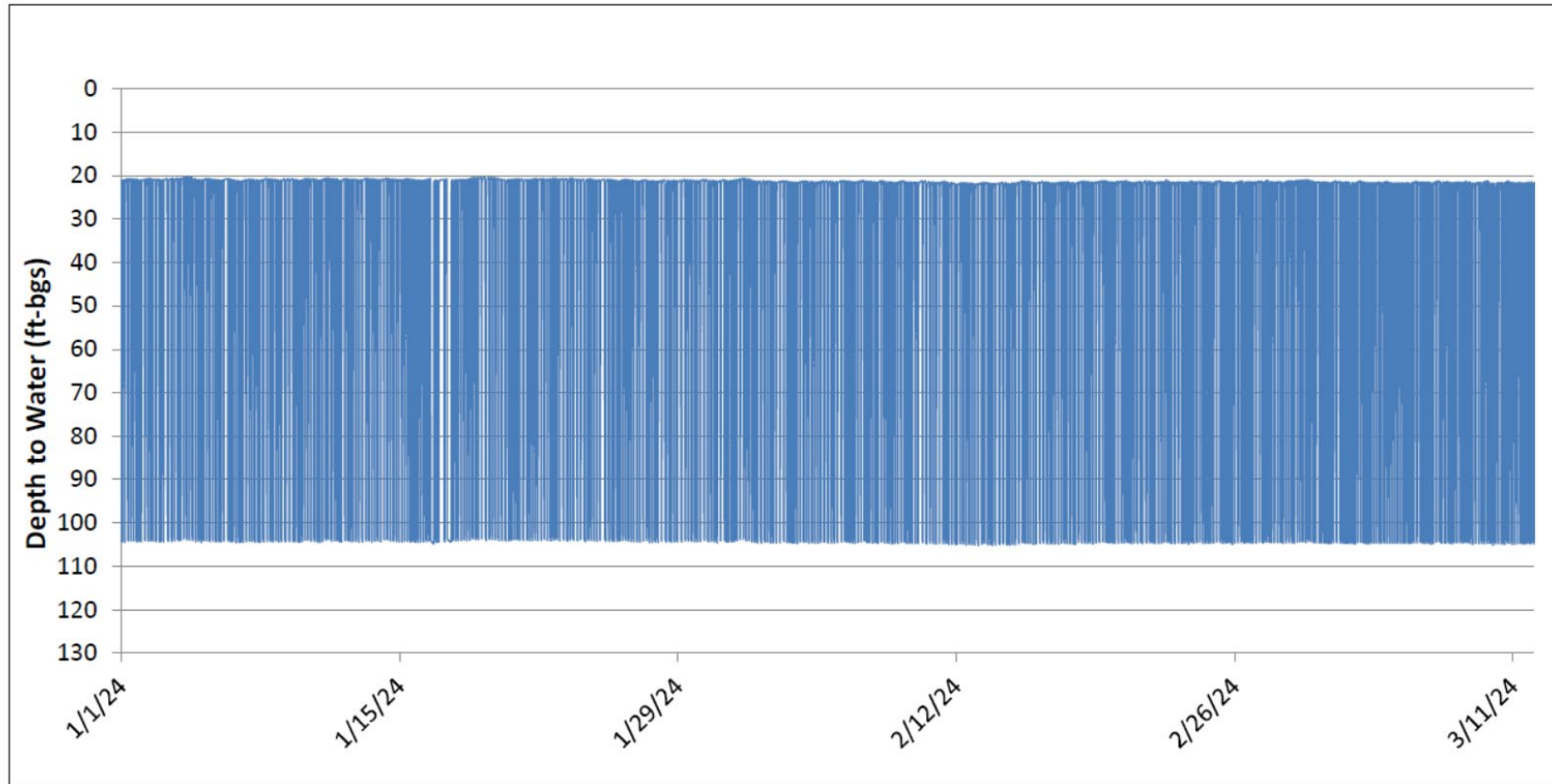
Depth to Water (ft-bgs)



PRELIMINARY

City Well No. 2

Depth to Water (ft-bgs)

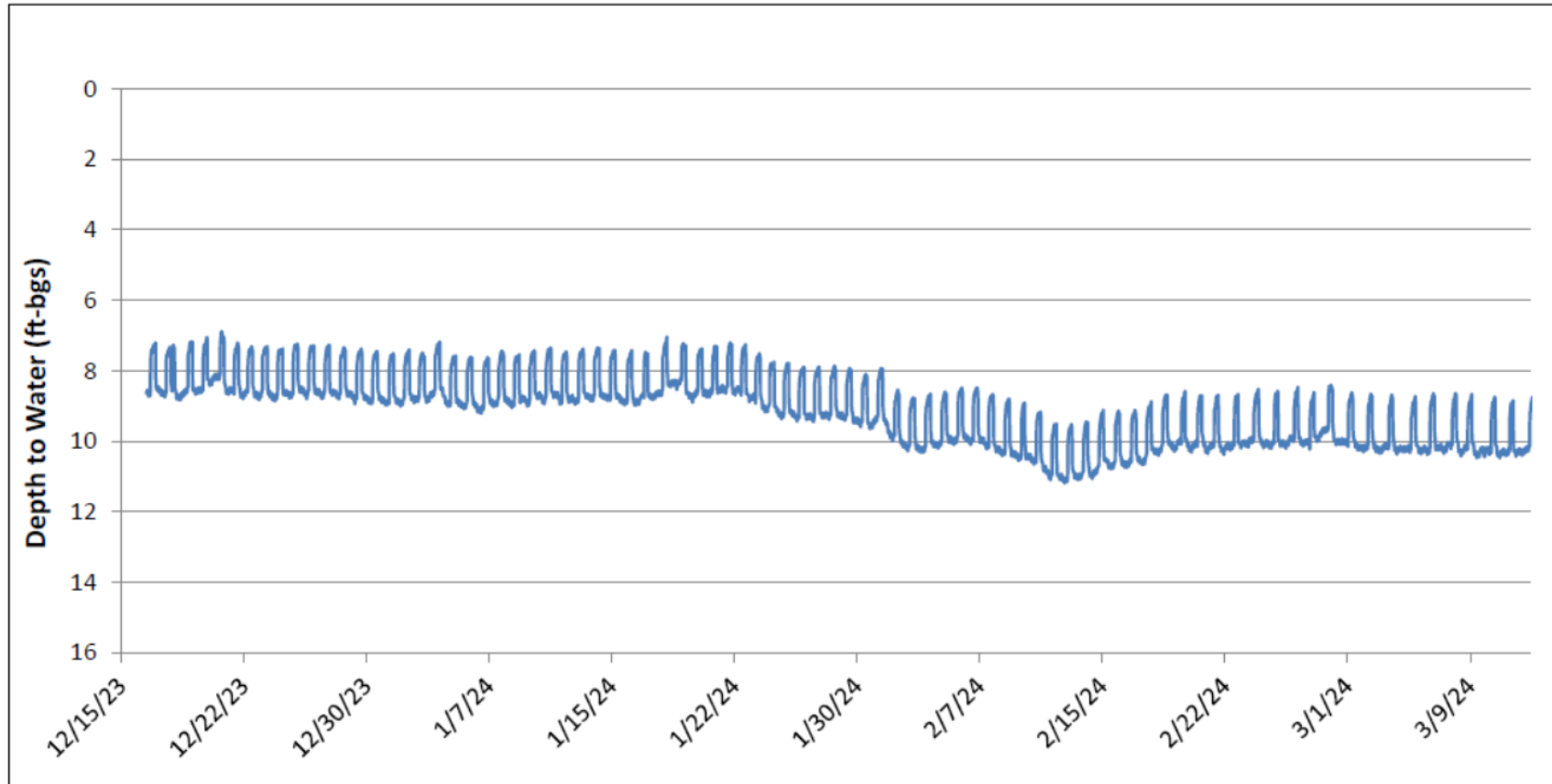


PRELIMINARY

FCS Mud Well No. 2

EH14-02

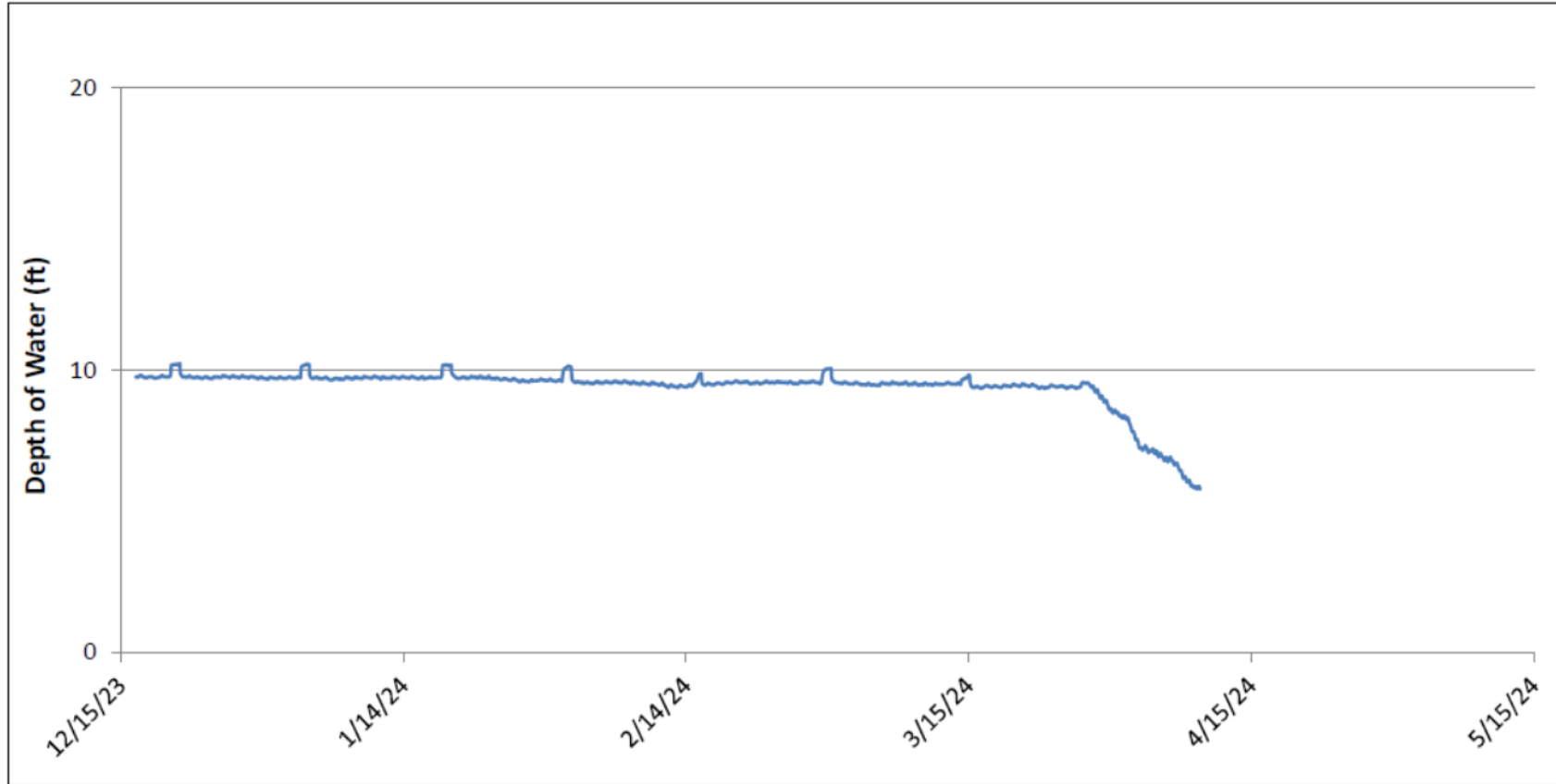
Depth to Water (ft-bgs)



PRELIMINARY

Las Moras Spring Pool Stage

Depth of Water (ft)



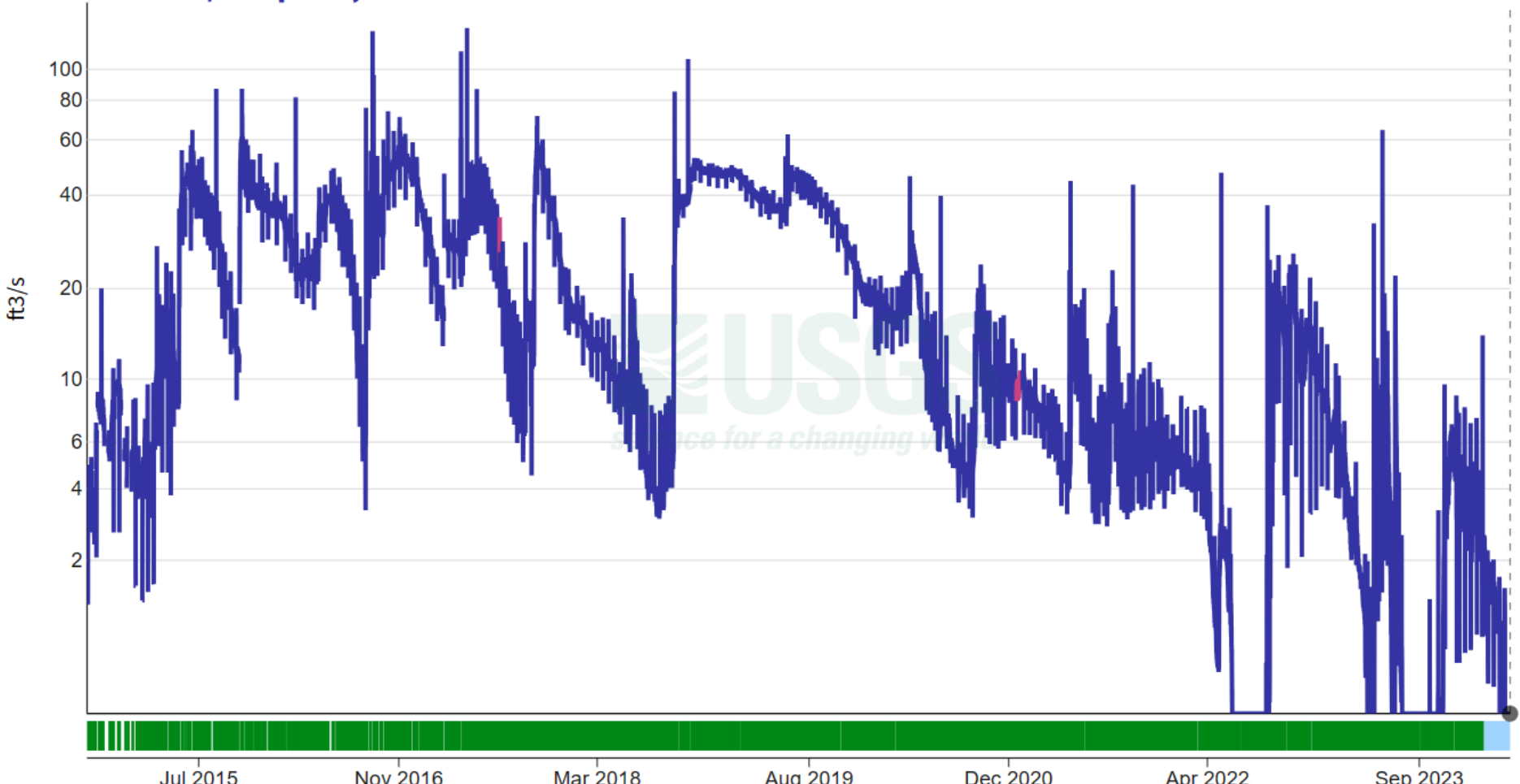
PRELIMINARY

Las Moras Spgs Dws of pool at Brackettville, TX - 08456310

October 1, 2014 - April 9, 2024

Discharge, cubic feet per second

0.00 ft³/s - Apr 09, 2024 06:15:00 PM CDT





Concrete blocks in Las Moras Spings - used for pipeline support to fill the spring in a historic drought condition. Photo Date - 4/9/2024