

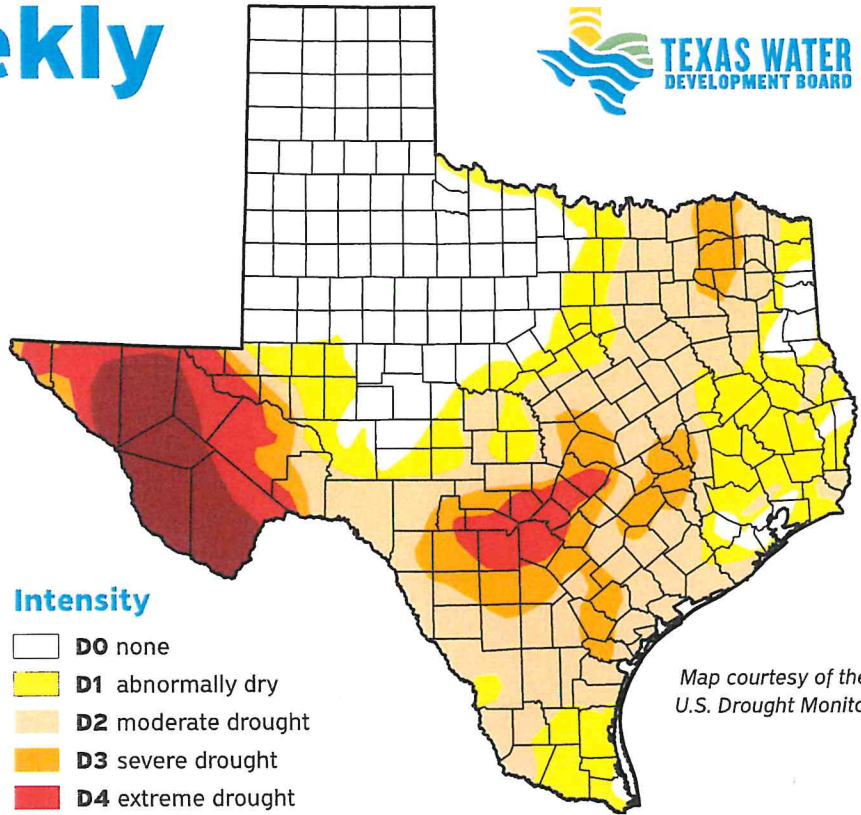
Water Weekly

For the week of 12/09/24



Water conditions

There's not much change in the most recent drought map for conditions as of December 3. Seasonally cooler temperatures tend to slow drought expansion this time of year. Next week's map may show some improvements with the eastern half of the state's recent precipitation.



Map courtesy of the U.S. Drought Monitor

Drought conditions

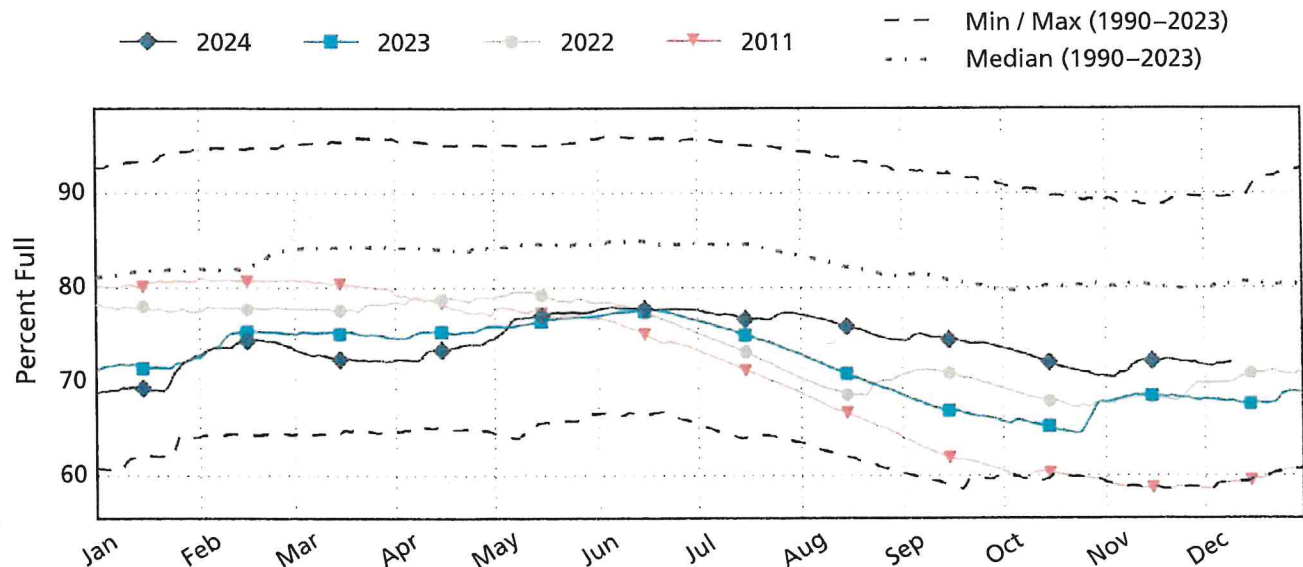
- 50%** now
- 50%** a week ago
- 36%** three months ago
- 43%** a year ago

Intensity

- D0** none
- D1** abnormally dry
- D2** moderate drought
- D3** severe drought
- D4** extreme drought
- D5** exceptional drought

Statewide reservoir storage

Statewide surface water supply volume is nearing 72 percent of capacity, up three percentage points from the start of the year. If that trend continues, our supplies will have the first annual increase since 2018 when volume approached 90 percent of capacity by the end of the year.



TWDB chart

By Dr. Mark Wentzel, Hydrologist, Office of Water Science and Conservation

Les Davis, Government Relations | Les.Davis@twdb.texas.gov | 512-936-0829

Media Relations | MediaRelations@twdb.texas.gov | 512-463-5129

www.twdb.texas.gov



Kinney County Groundwater

Conservation District - Monitoring Network

Automated Water Monitoring Network Data Package

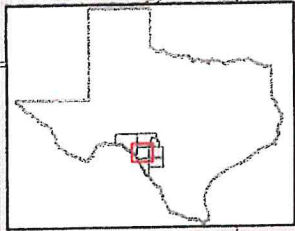
for

**Board of Directors Meeting
December 11, 2024
6:00 pm**

Prepared by
EcoKai Environmental, Inc
December 9, 2024

Kinney County

Groundwater Conservation District Monitoring Network



Rain Gauges R18-R20
located ~14-27 miles
NNE of R-16

R-16
Camp Wood

EDWARDS
UVALDE

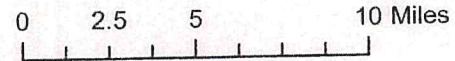
Montell
R-17
R-14

● Monitoring
▲ Rain Gauge

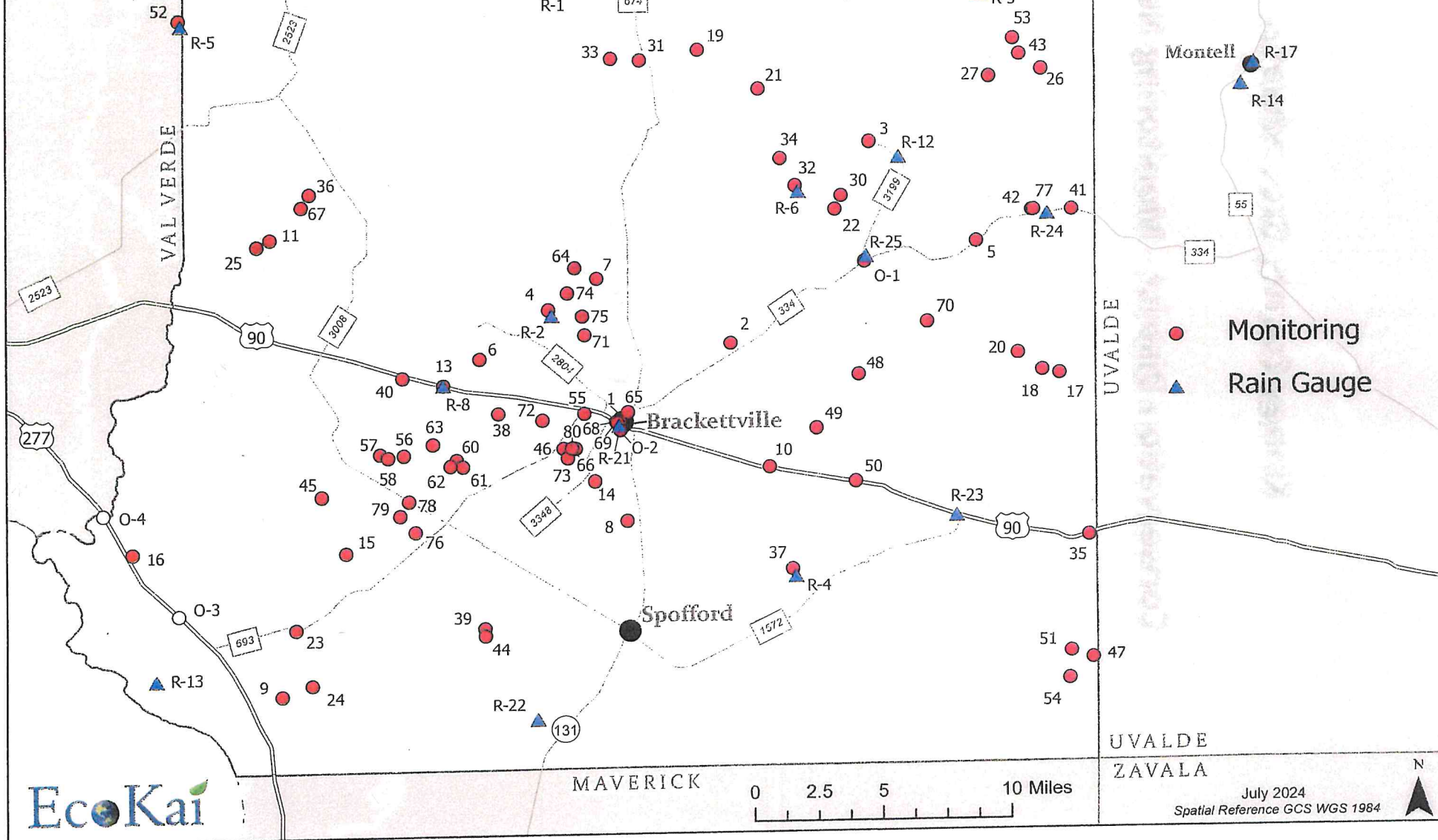
UVALDE

UVALDE
ZAVALA

MAVERICK



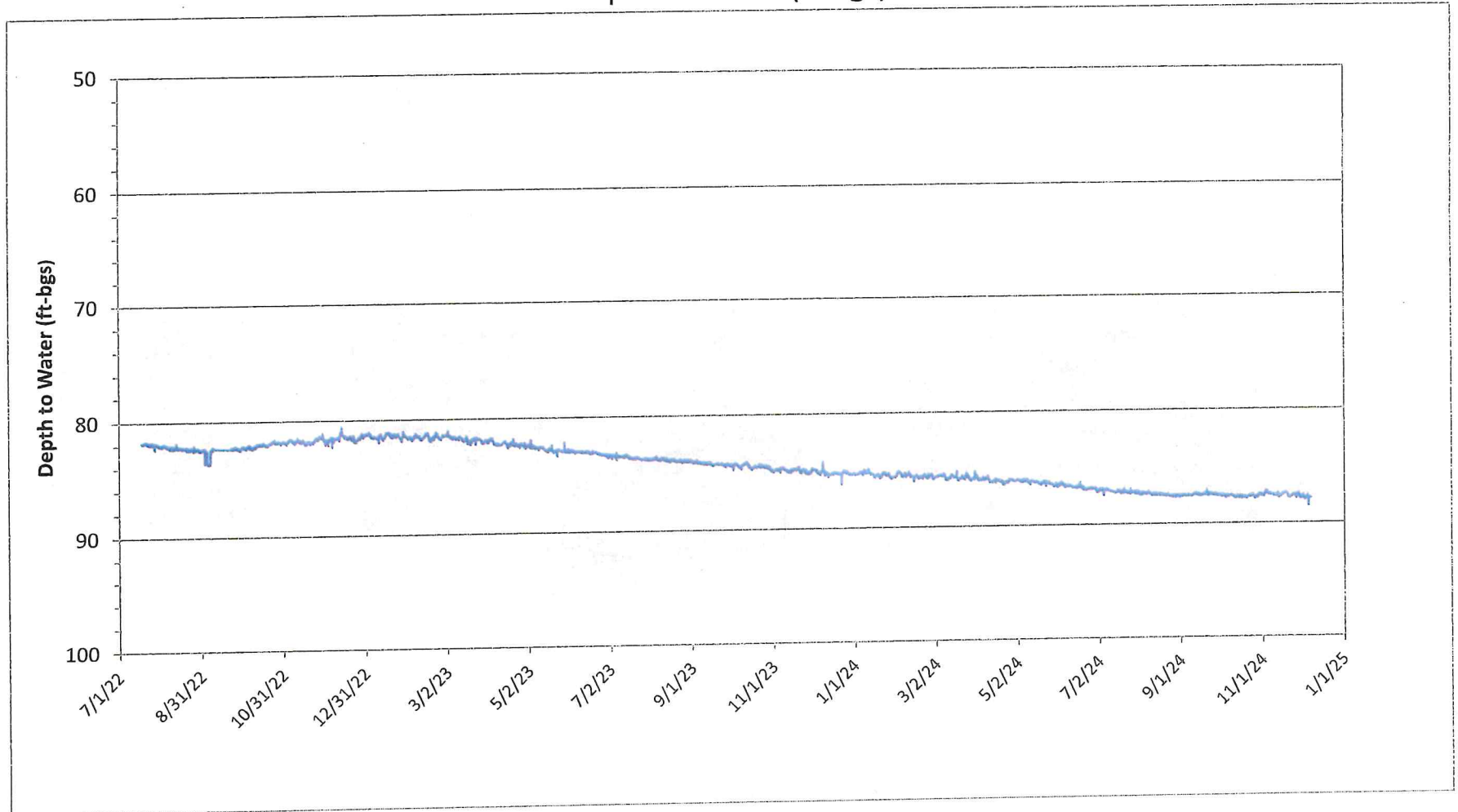
July 2024
Spatial Reference GCS WGS 1984



HWY Solar Well

TD=540ft, RP = 1125ft msl, BFZS

Depth to Water (ft-bgs)



PRELIMINARY

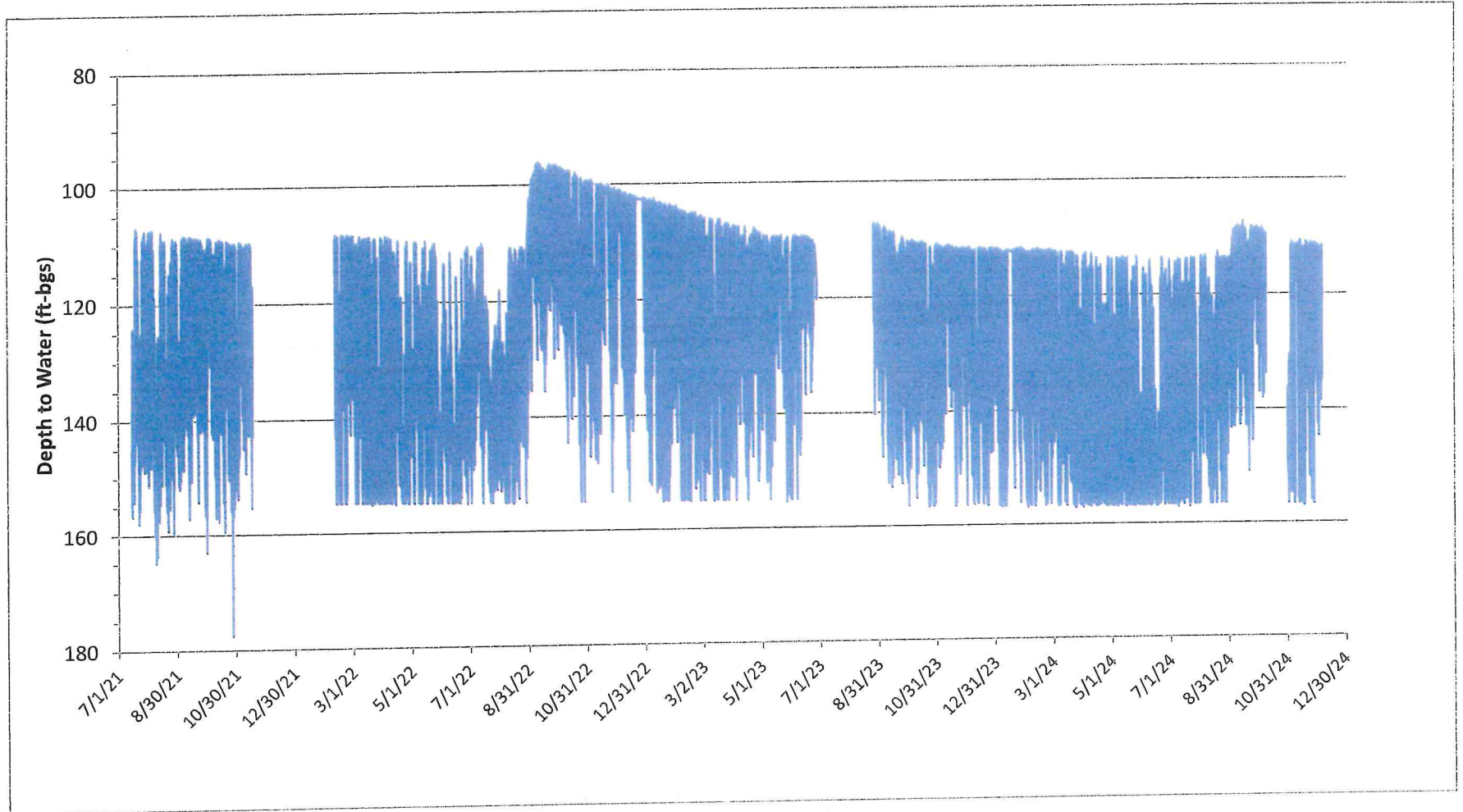
12/9/2024

Kinney County Groundwater Conservation District (Map # 50)

North Mill Well

TD = 250ft, RP = 1210 ft-msl, BFZS

Depth to Water (ft-bgs)



PRELIMINARY

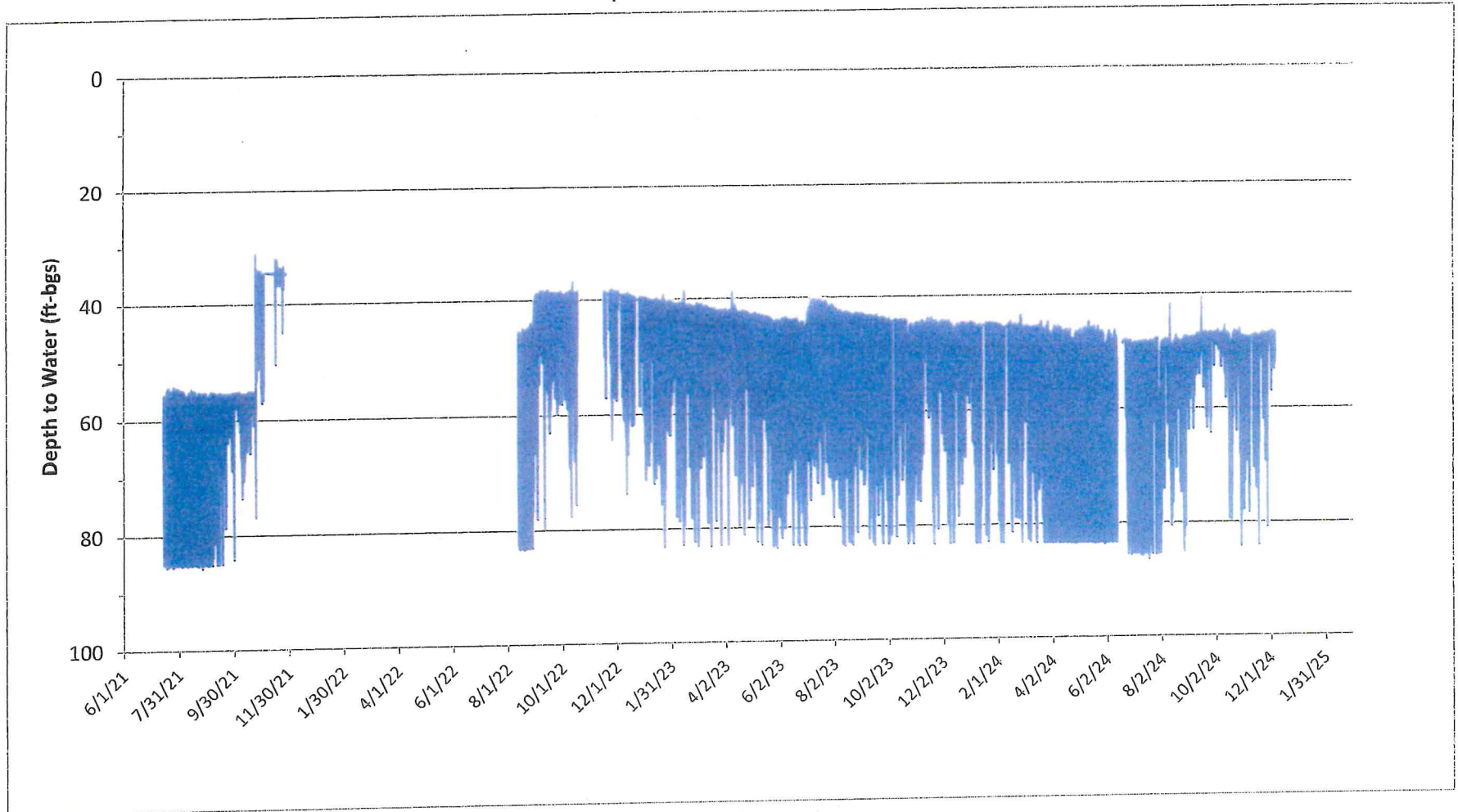
12/9/2024

Kinney County Groundwater Conservation District (Map # 48)

3 - D Cattle Co. Shearing Barn

TD = 150 ft, RP = 1138 ft-msl, BFZ

Depth to Water (ft-bgs)



PRELIMINARY

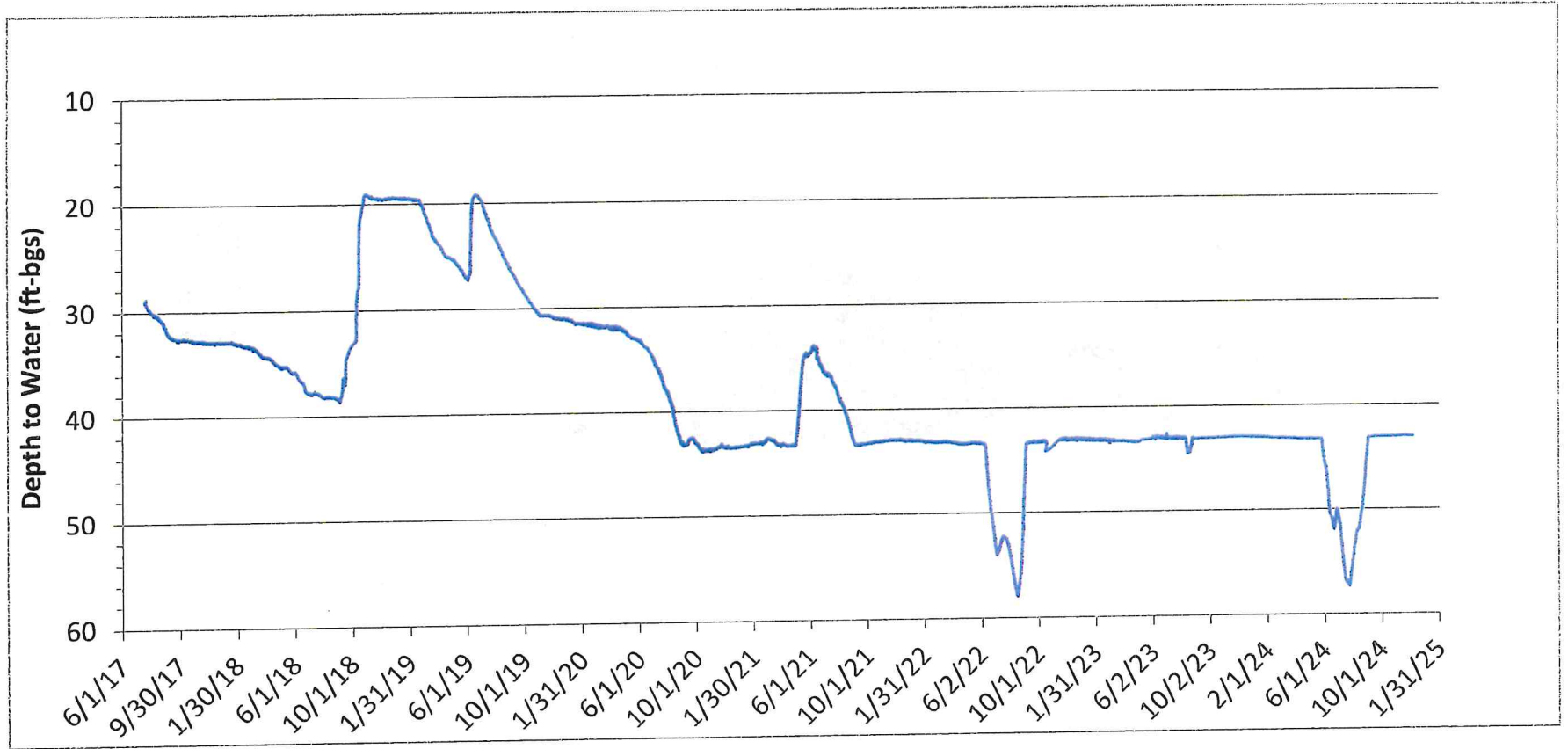
12/9/2024

Kinney County Groundwater Conservation District (Map # 49)

Old Bader Irrigation Well

TD ~ UNK, RP = 1108 ft-msl

Depth to Water (ft-bgs)



PRELIMINARY

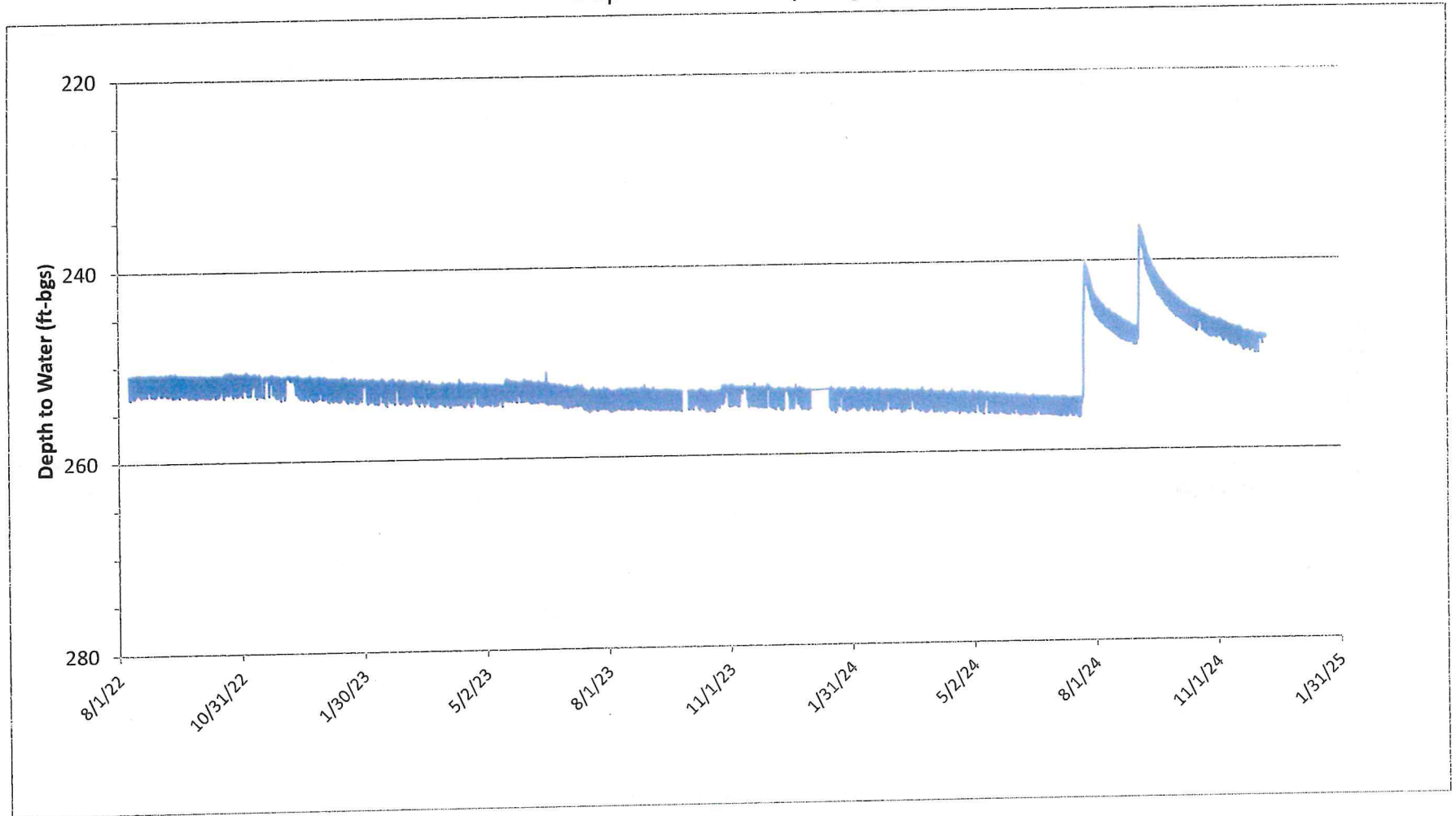
1/11/2024

Kinney County Groundwater Conservation District (Map # 38)

House Pasture Well (Val Verde Co.)

TD = 500 ft, RP = 1400 ft msl, TPO, TWDB No. 7027501

Depth to Water (ft-bgs)



PRELIMINARY

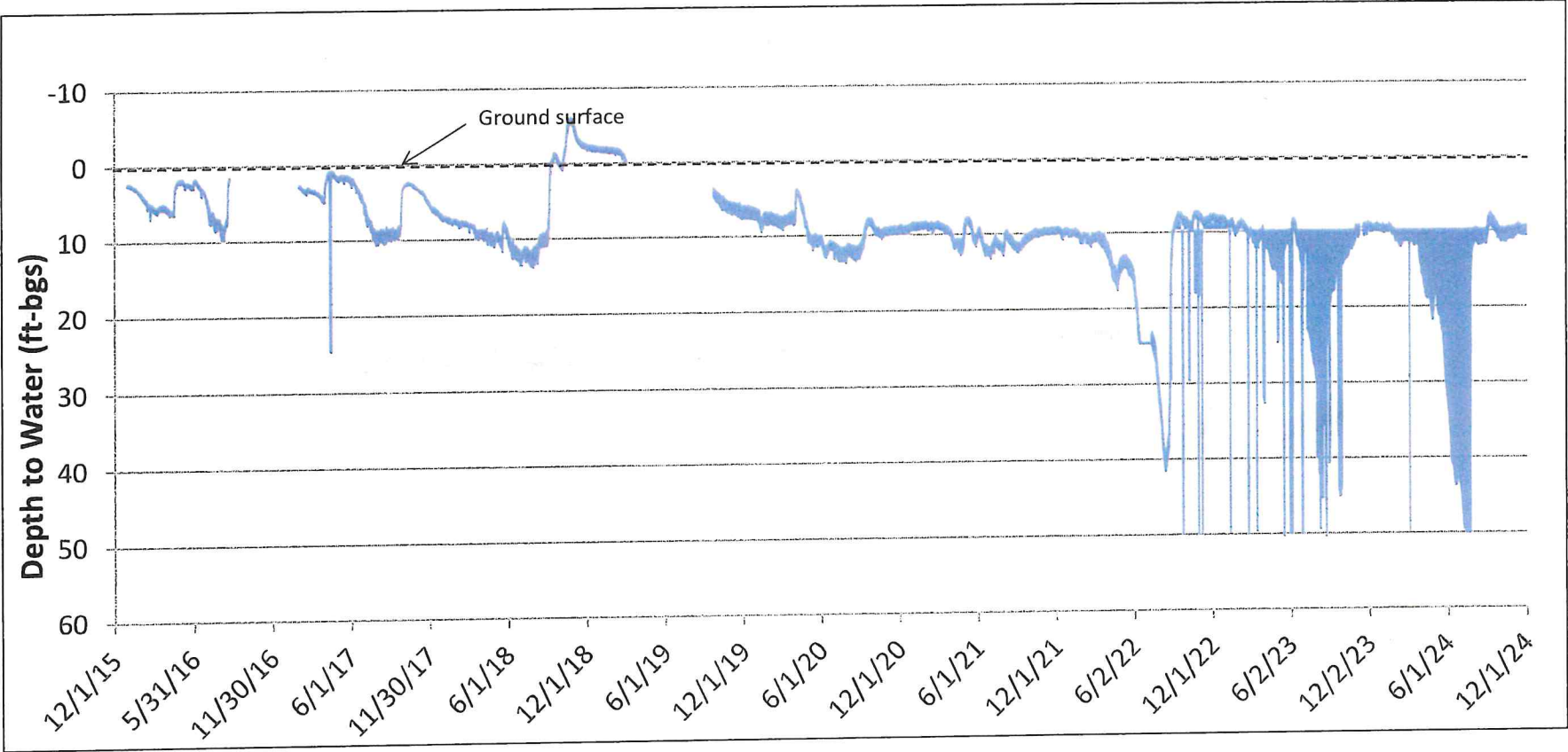
12/9/2024

Kinney County Groundwater Conservation District (Map # 52)

City Well No. 1

TD = 947 ft, RP = 1114 ft-msl, TPS, TWDB No. 7045503

Depth to Water (ft-bgs)



PRELIMINARY

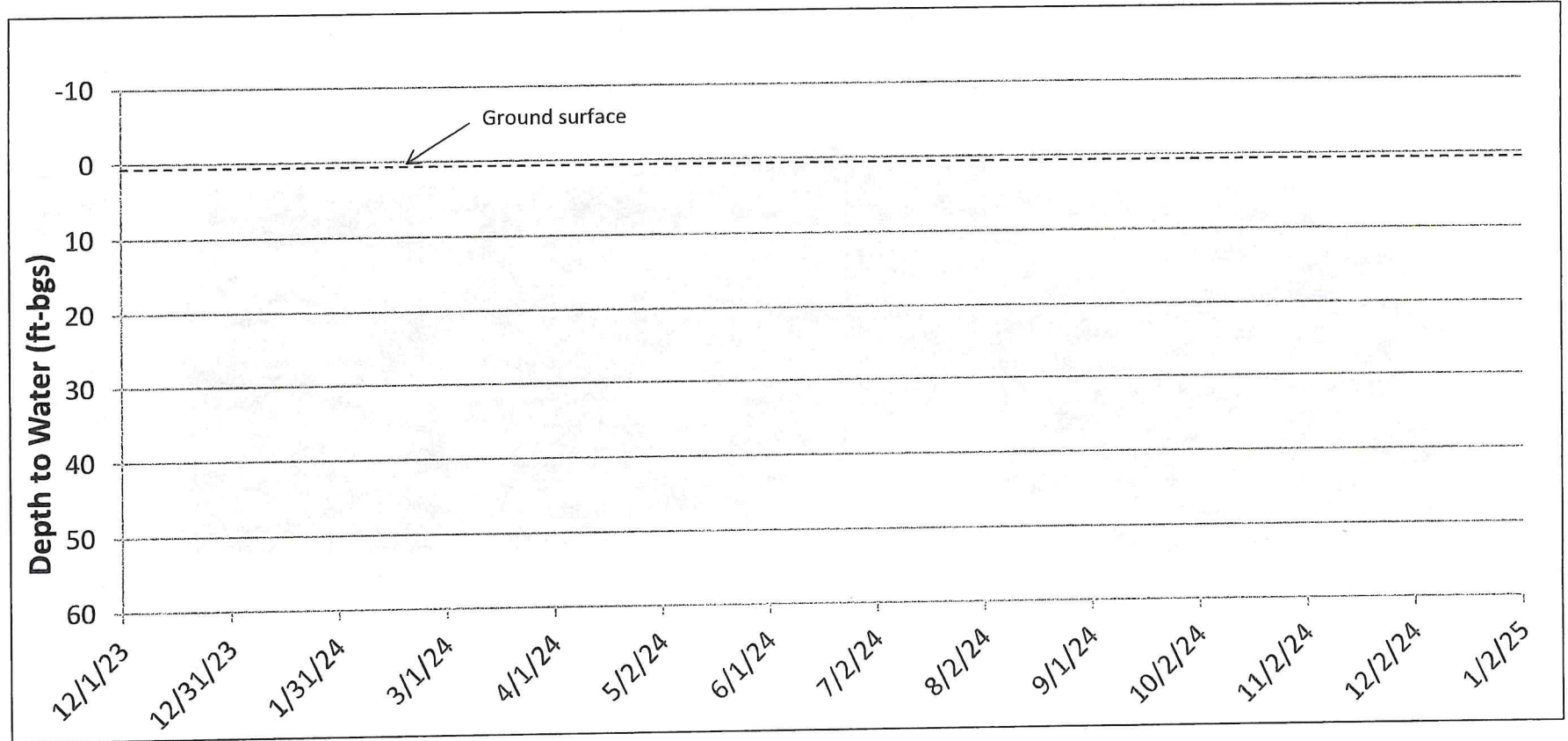
12/9/2024

Kinney County Groundwater Conservation District (Map # 1)

City Well No. 1

TD = 947 ft, RP = 1114 ft-msl, TPS, TWDB No. 7045503

Depth to Water (ft-bgs)



PRELIMINARY

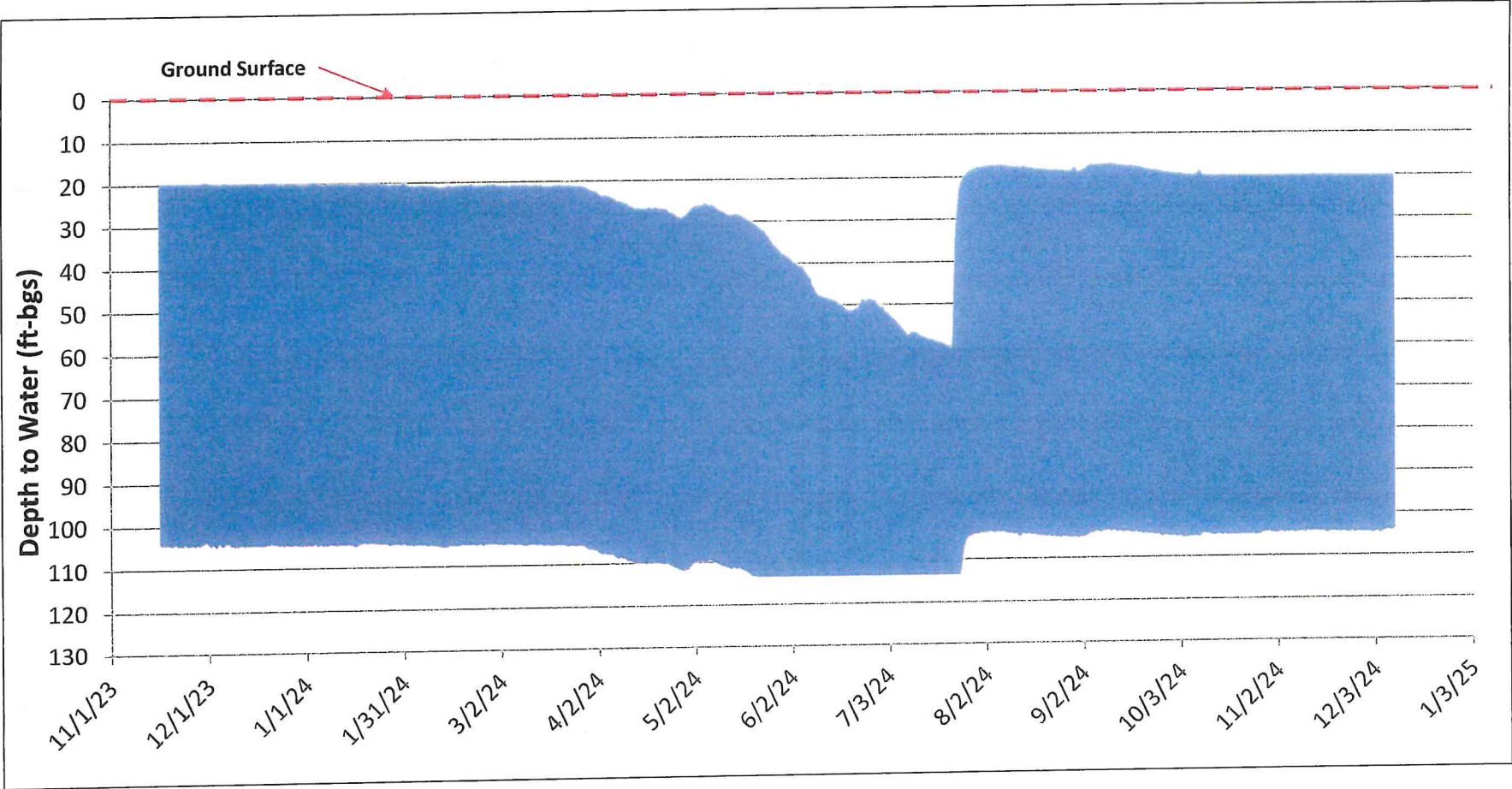
12/9/2024

Kinney County Groundwater Conservation District (Map # 1)

City Well No. 2

TD = 1481 ft, RP = 1122 ft-msl, TPS, TWDB No. 7045601

Depth to Water (ft-bgs)



PRELIMINARY

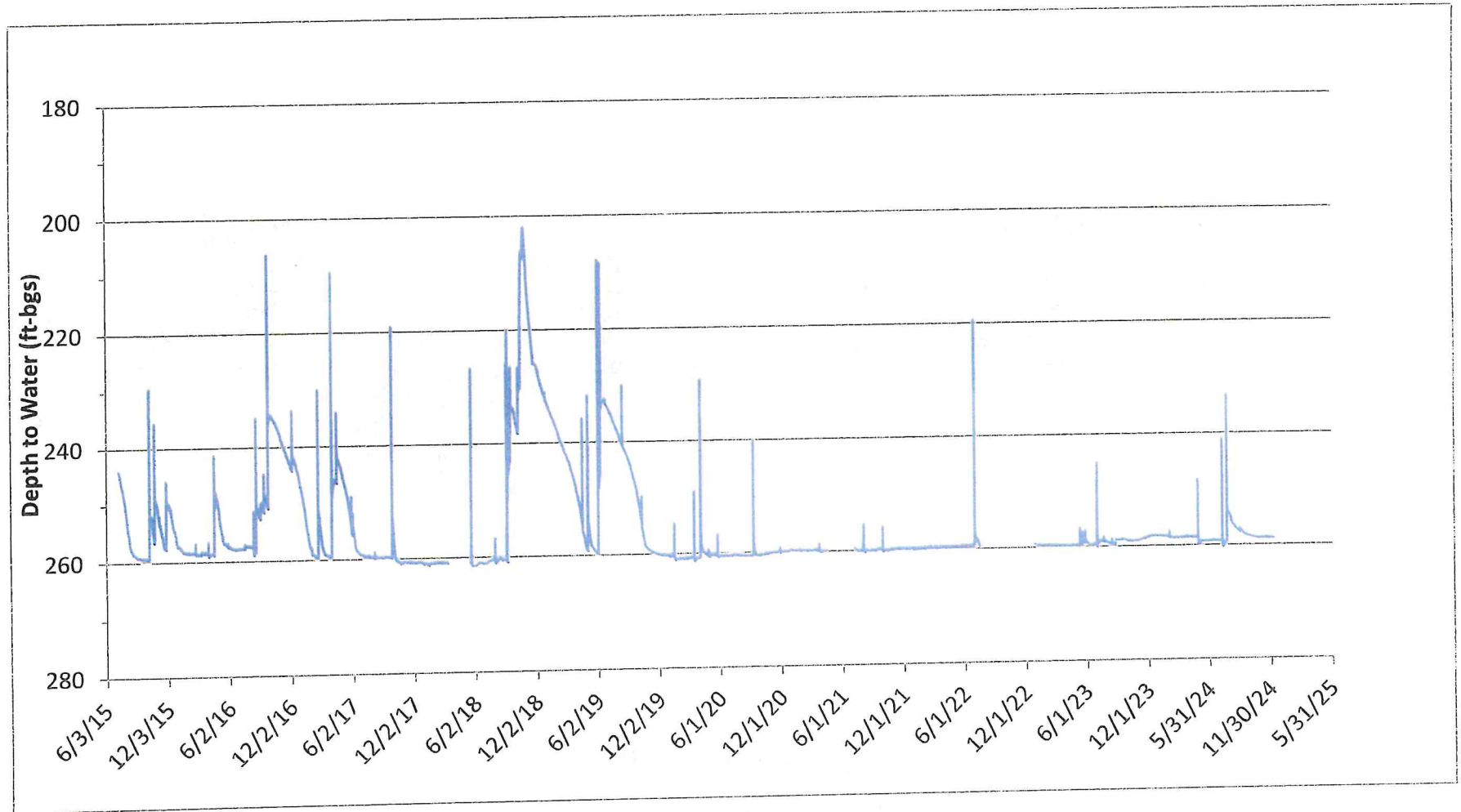
12/9/2024

Kinney County Groundwater Conservation District (Map #65)

Big Mill Well

TD = 330 ft, RP = 1681 ft-msl, TPO, TWDB No. 7030801

Depth to Water (ft-bgs)

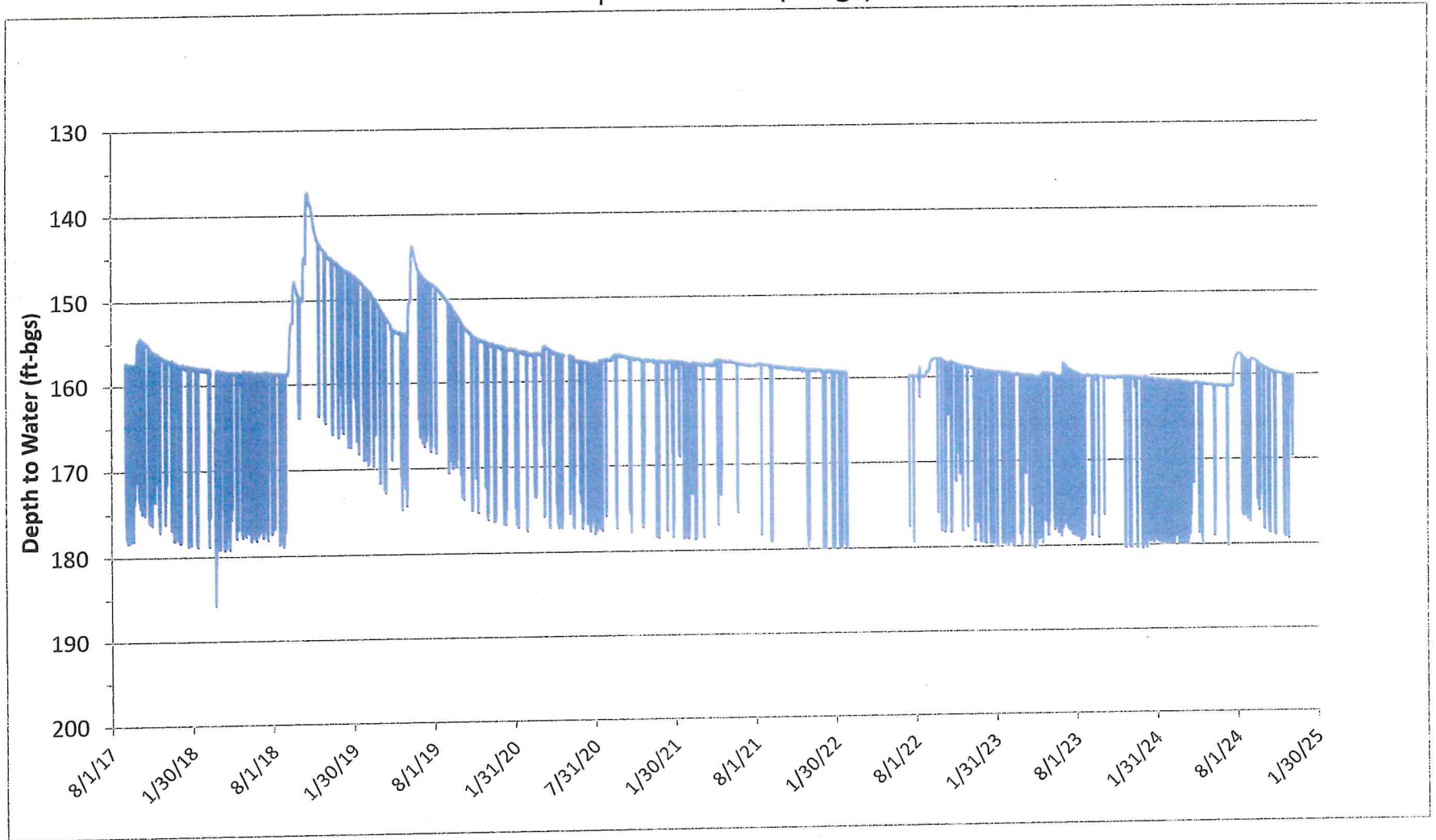


PRELIMINARY

Davis Ranch - Red/Solar Mill

TD = 249 ft, RP = 1504 ft-msl, TPO, TWDB - n/a

Depth to Water (ft-bgs)



PRELIMINARY

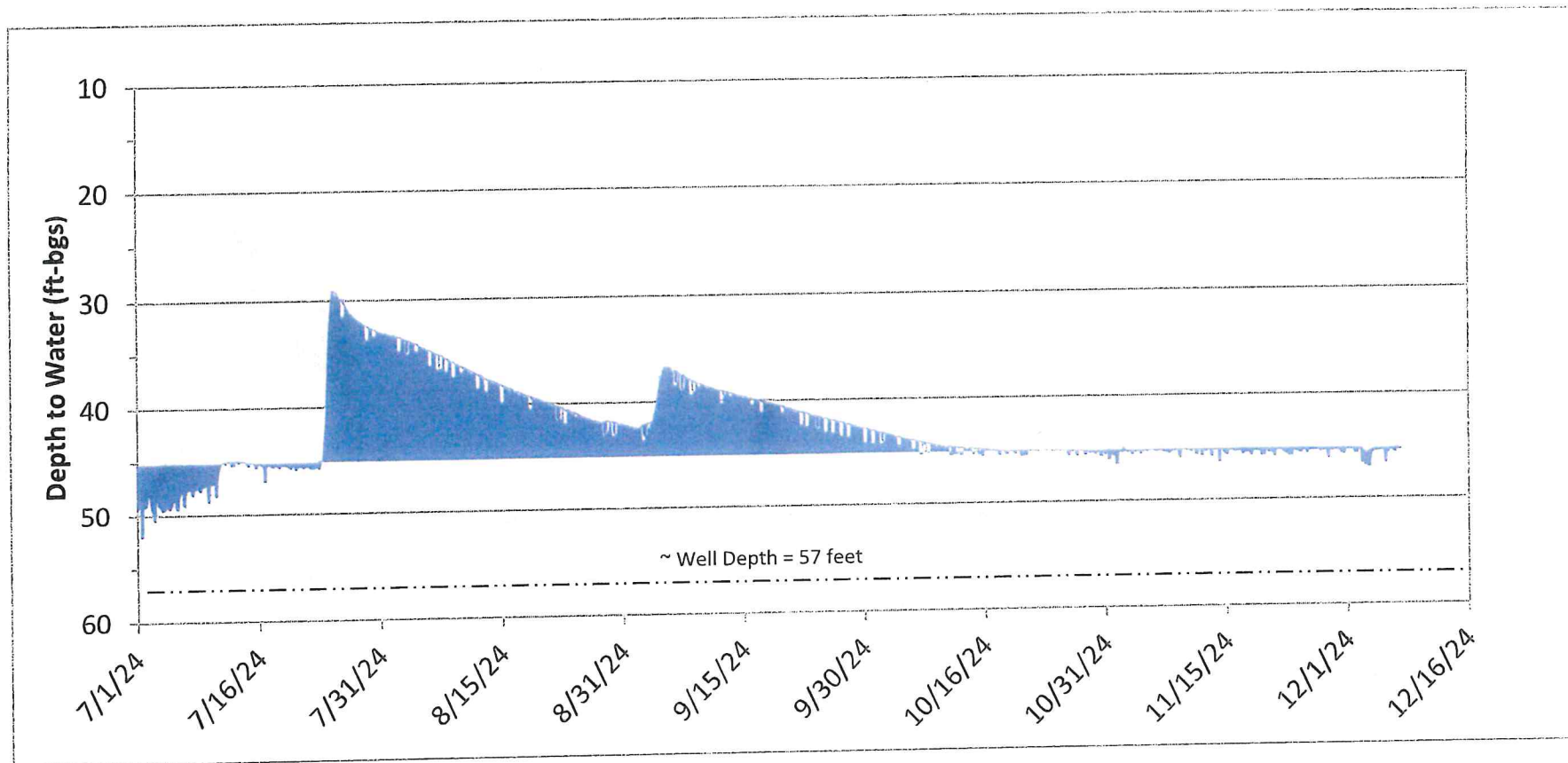
12/9/2024

Kinney County Groundwater Conservation District (Map # 34)

D.G House Well

TD = 57 ft, RP = 1269 ft-msl, BFZ

Depth to Water (ft-bgs)



PRELIMINARY

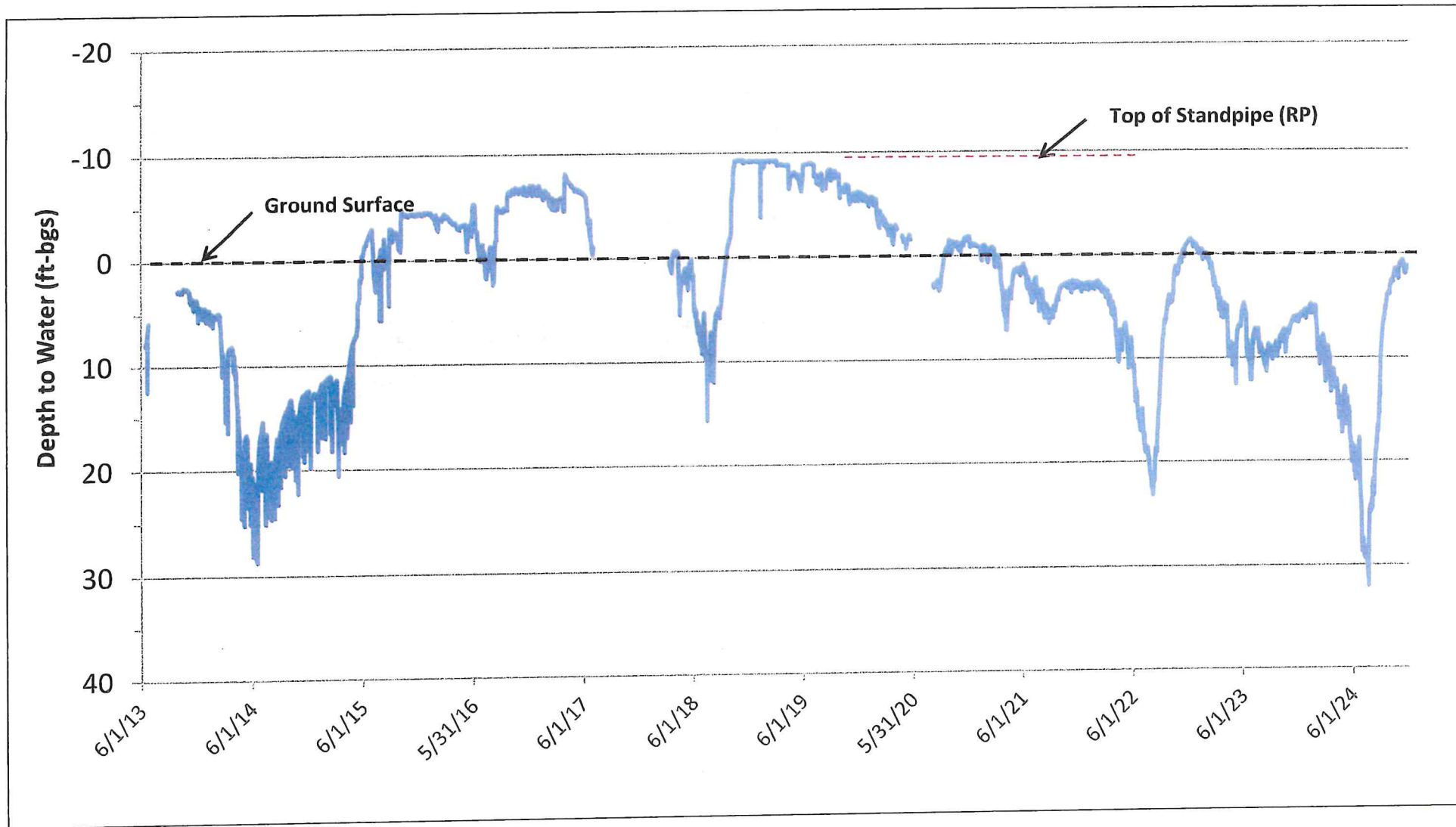
12/9/2024

Kinney County Groundwater Conservation District (Map # 42)

Dooley Well

TD = 1112 ft, RP = 1183 ft-msl, TWDB No. 7037704

Depth to Water (ft- bgs)



PRELIMINARY

12/9/2024

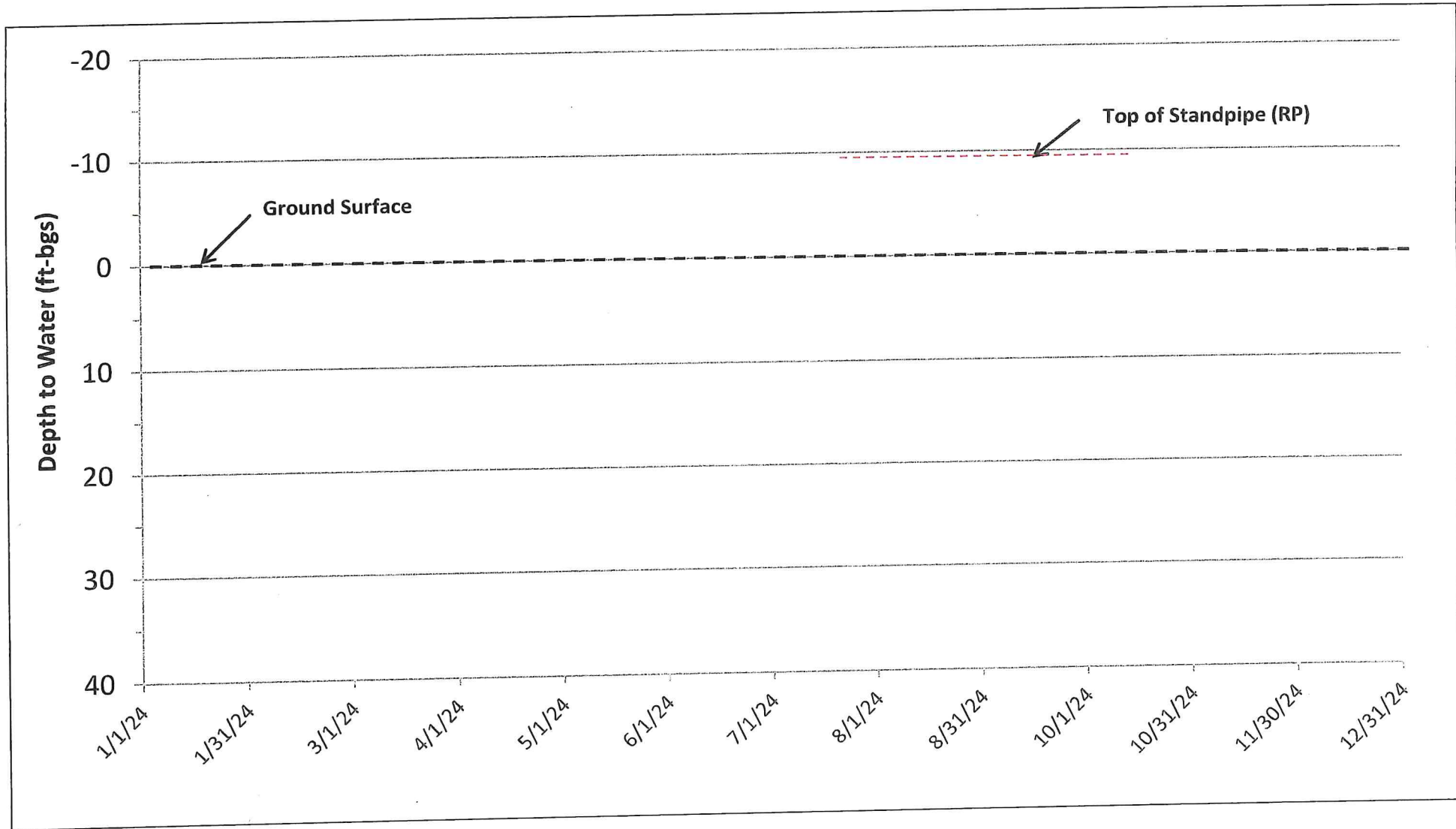
Kinney County Groundwater Conservation District (Map #4)

Dooley Well

TD = 1112 ft, RP = 1183 ft-msl, TWDB No. 7037704

Depth to Water (ft- bgs)

Year to Date

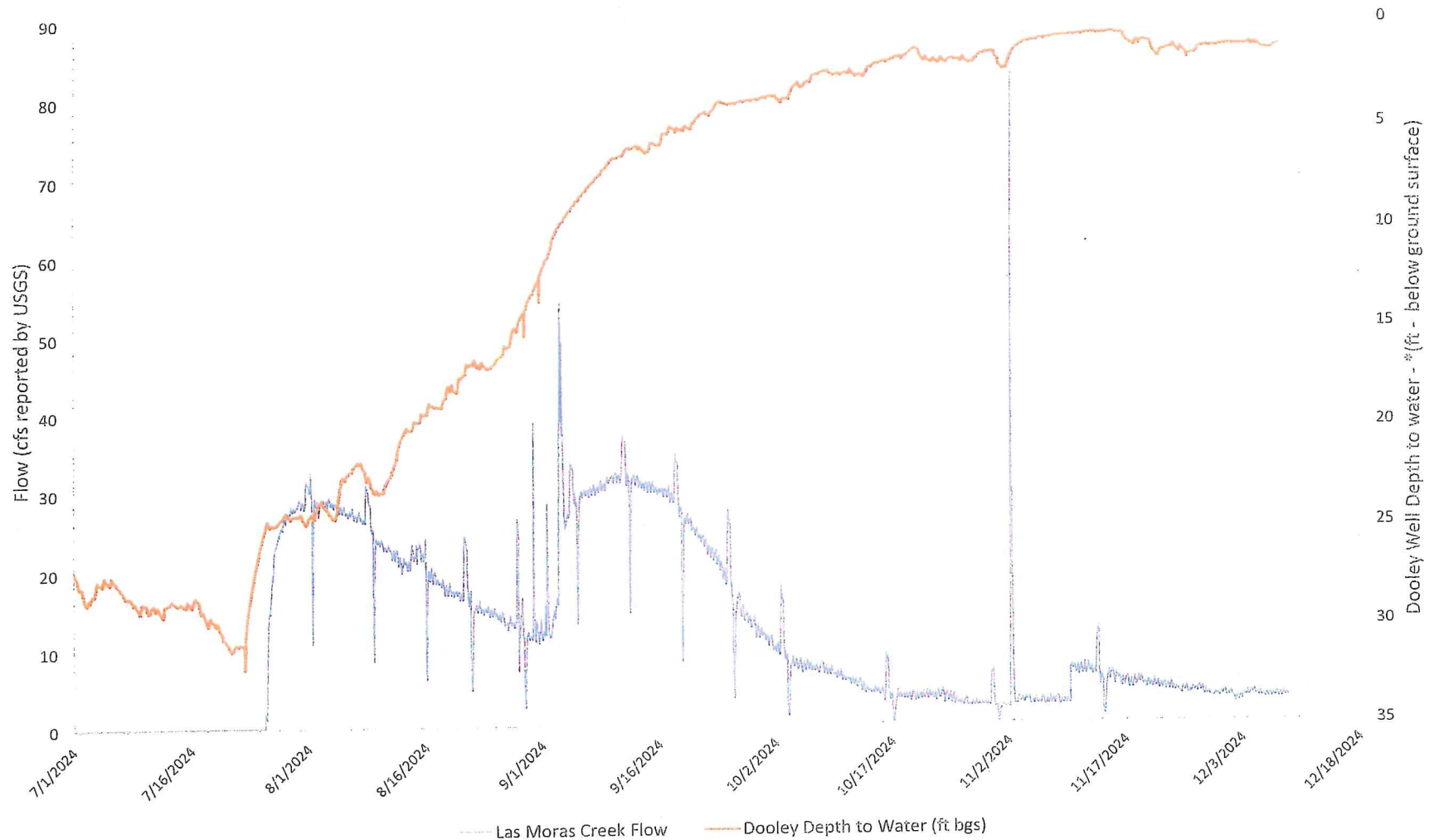


PRELIMINARY

12/9/2024

Kinney County Groundwater Conservation District (Map #4)

Dooley Well - Depth to Water (bgs*) vs. Las Moras Creek Flow (USGS)



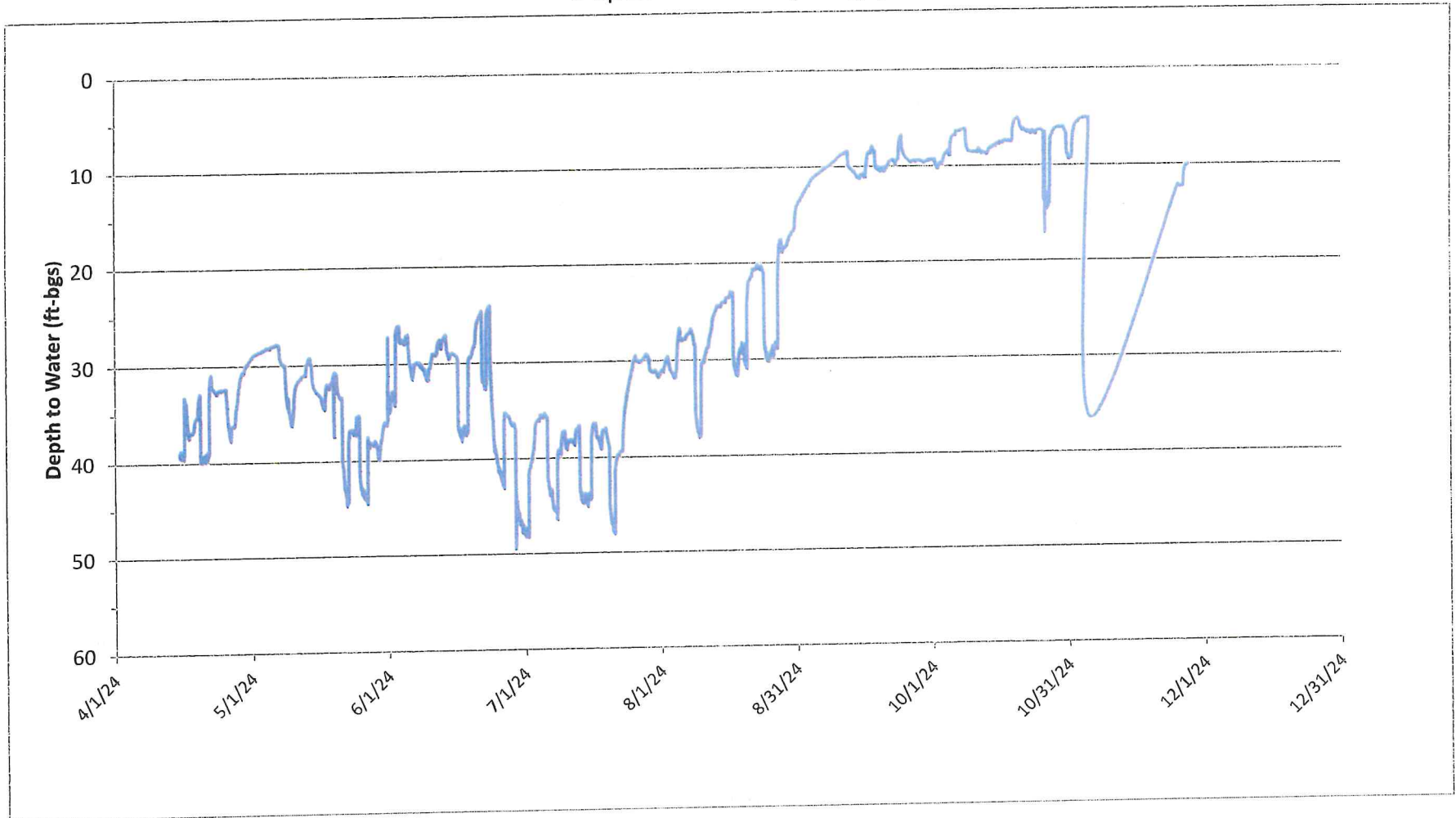
PRELIMINARY

12/9/2024

Permitted Well EH2B-01

TD = 700 ft, RP = 1198 ft-msl, Edwards Trinity

Depth to Water (ft-bgs)



PRELIMINARY

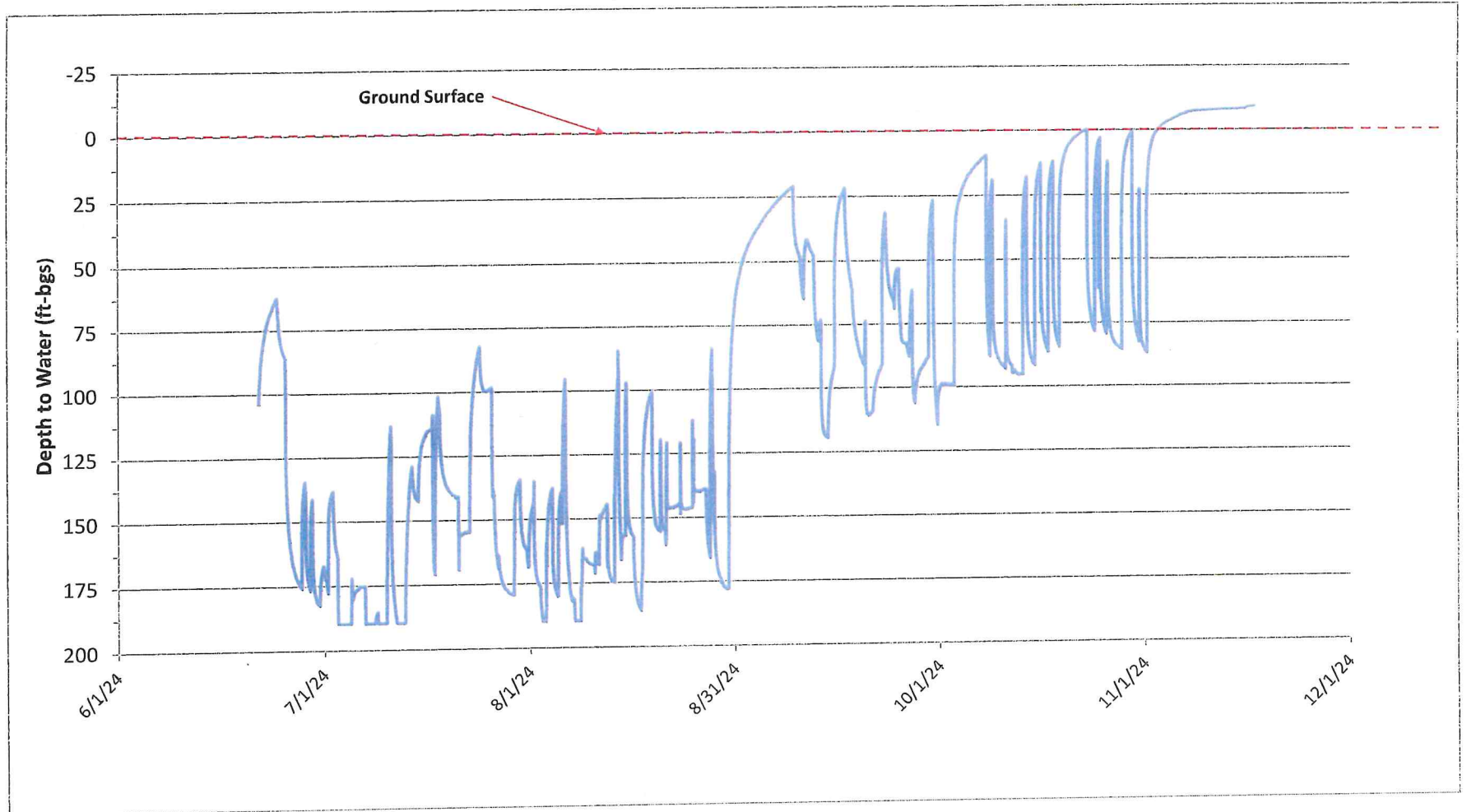
12/9/2024

Kinney County Groundwater Conservation District (Map #71)

Permitted Well EH03B-09

TD = 1800 ft, RP = 1061 ft-msl, Edwards Trinity - Sulfur, TWDB No. 7044809

Depth to Water (ft-bgs)



PRELIMINARY

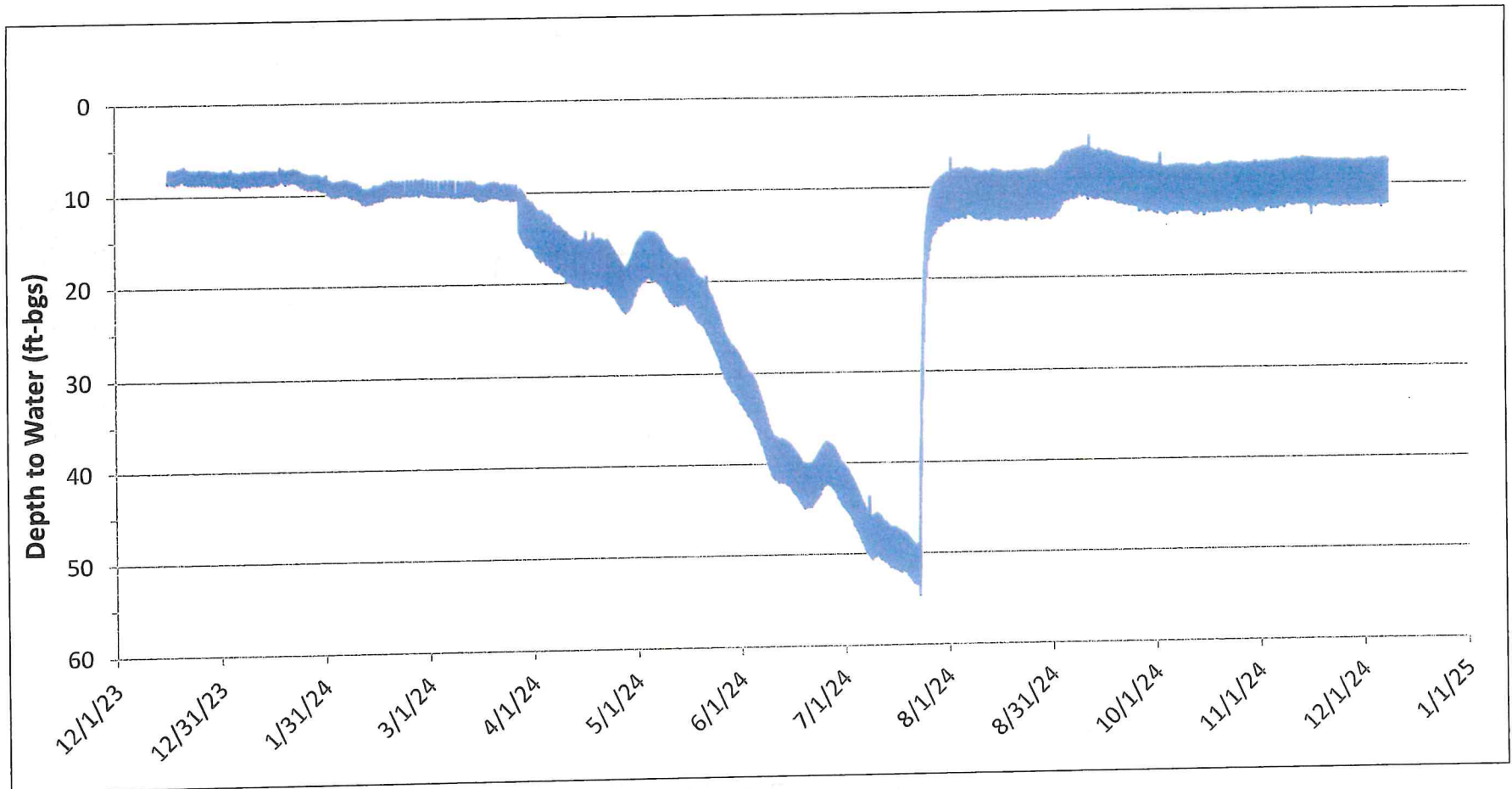
12/9/2024

Kinney County Groundwater Conservation District (Map # 78)

FCS Mud Well No. 2 (EH14-02)

TD = 980 ft, RP = 1114 ft-msl, Edwards, TWDB No. 7045501

Depth to Water (ft-bgs)



PRELIMINARY

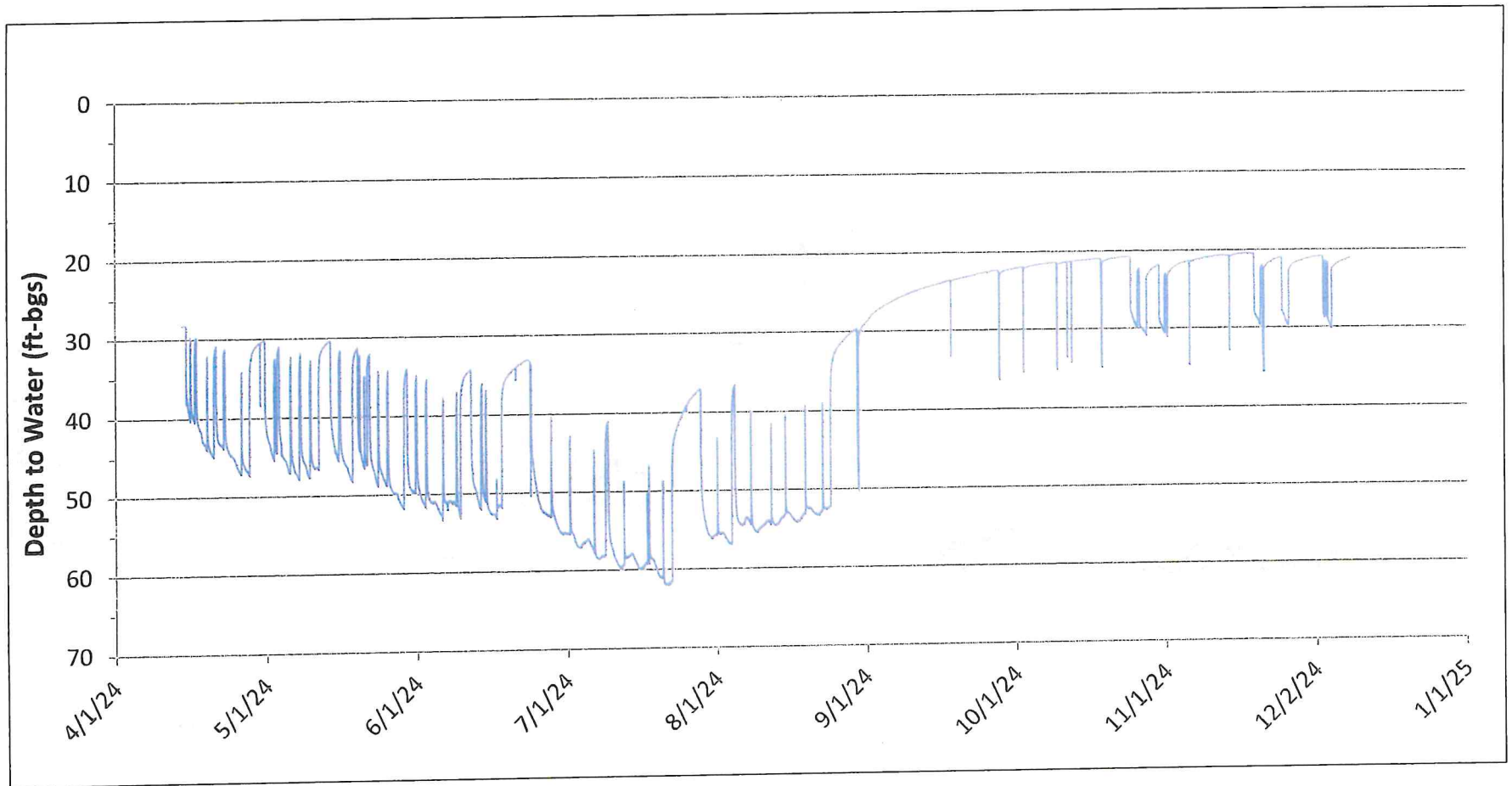
12/9/2024

Kinney County Groundwater Conservation District (Map #68)

Permitted Well EH20-02

TD ~ 350 ft, RP = 1201 ft-msl, Rate = 1800 gpm, Edwards, TWDB No. 7037804

Depth to Water (ft-bgs)



PRELIMINARY

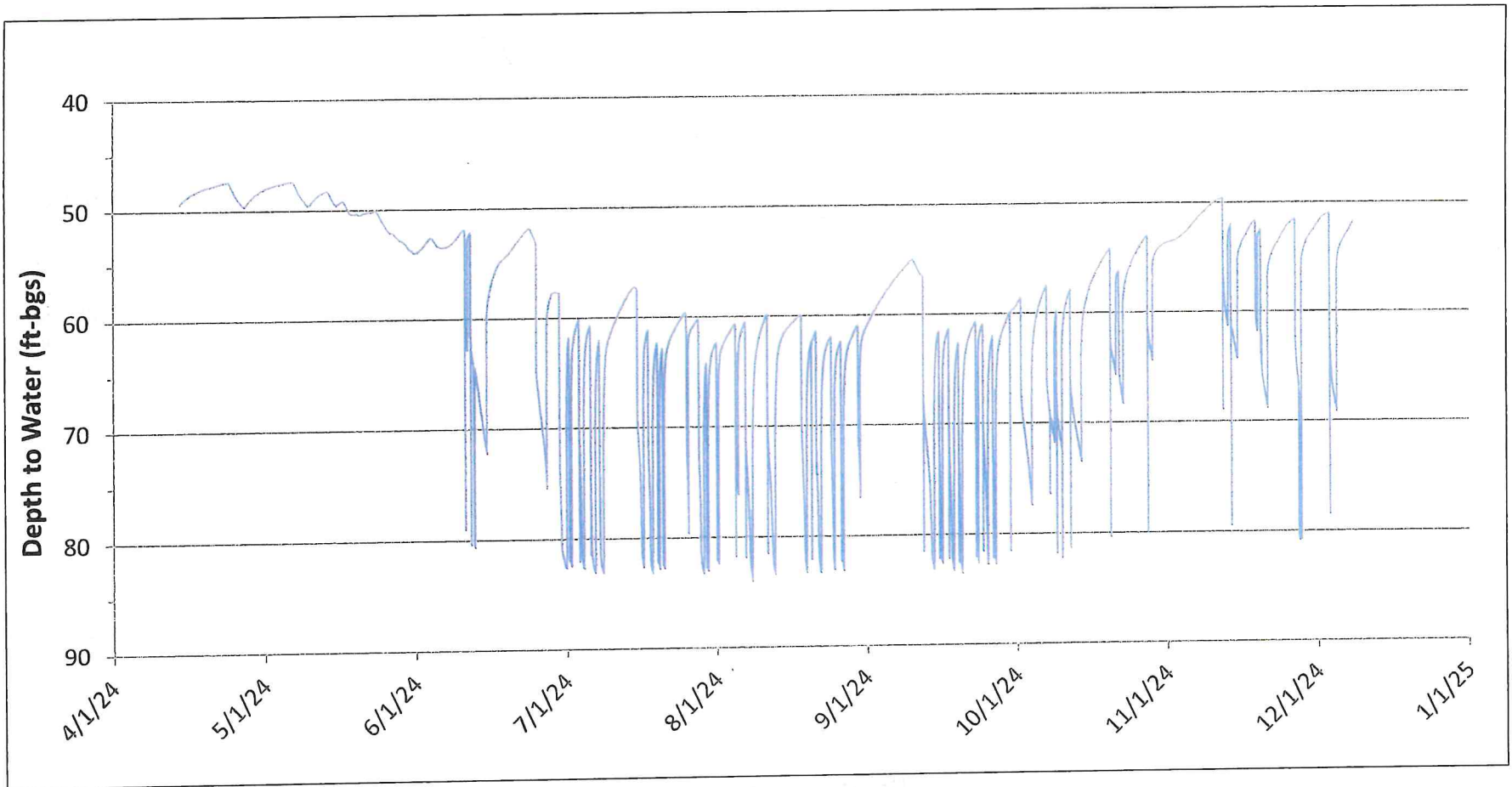
12/9/2024

Kinney County Groundwater Conservation District (Map #74)

Permitted Well EH38-03

TD ~ 250 ft, RP = 1097 ft-msl, Austin Chalk, TWDB No. 7045801

Depth to Water (ft-bgs)



PRELIMINARY

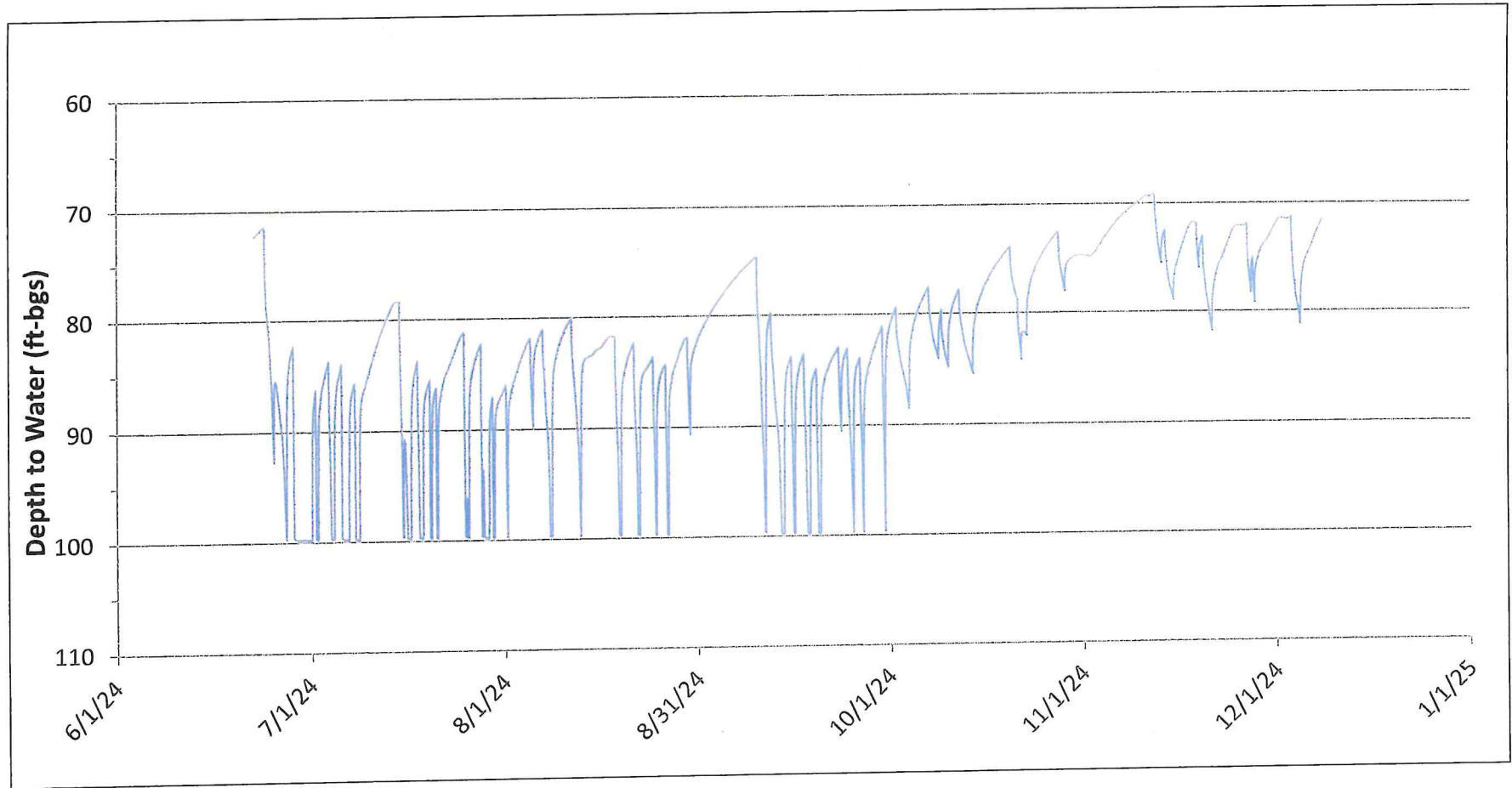
12/9/2024

Kinney County Groundwater Conservation District (Map #73)

Permitted Well EH38-04

TD ~ 250 ft, RP = 1100 ft-msl, Austin Chalk, TWDB No. TBD

Depth to Water (ft-bgs)



PRELIMINARY

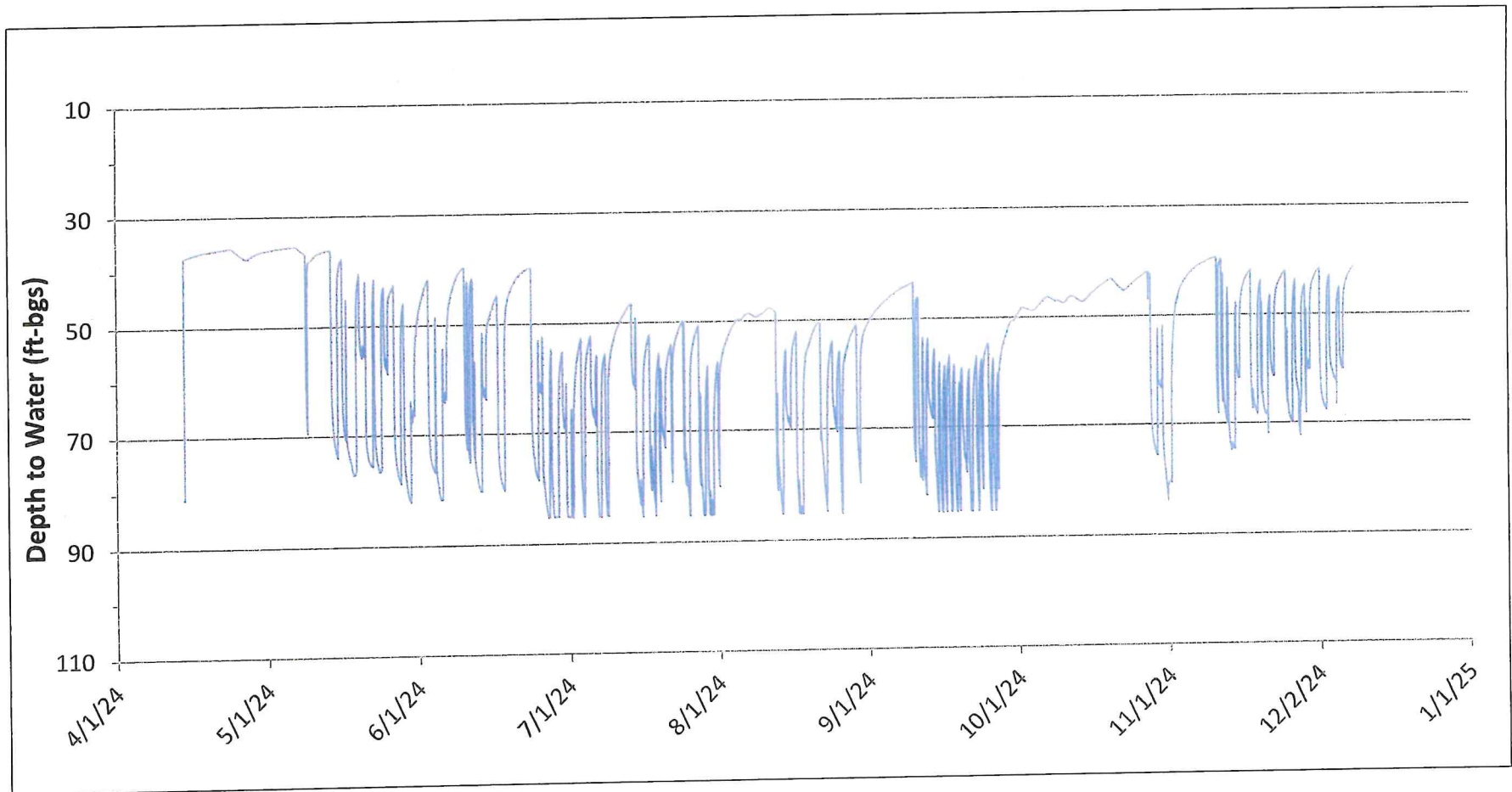
12/9/2024

Kinney County Groundwater Conservation District (Map #80)

Permitted Well EH38-06 (North DBL Well)

TD ~ 250 ft, RP = 1085 ft-msl, Austin Chalk

Depth to Water (ft-bgs)



PRELIMINARY

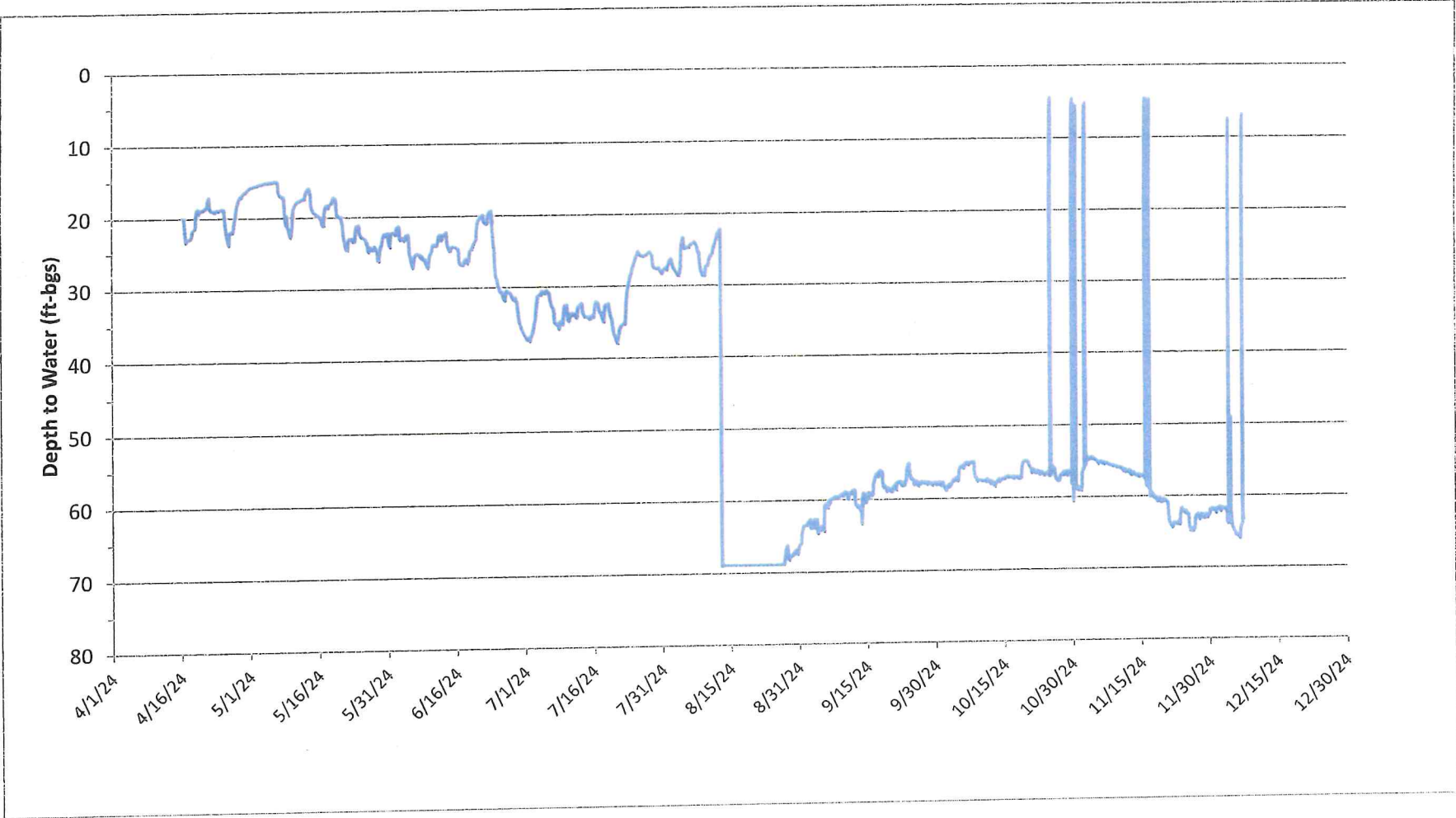
12/9/2024

Kinney County Groundwater Conservation District (Map # 72)

Elm Creek Basin Monitoring Well

TD > 400 ft, RP = 1185 ft-msl

Depth to Water (ft-bgs)



PRELIMINARY

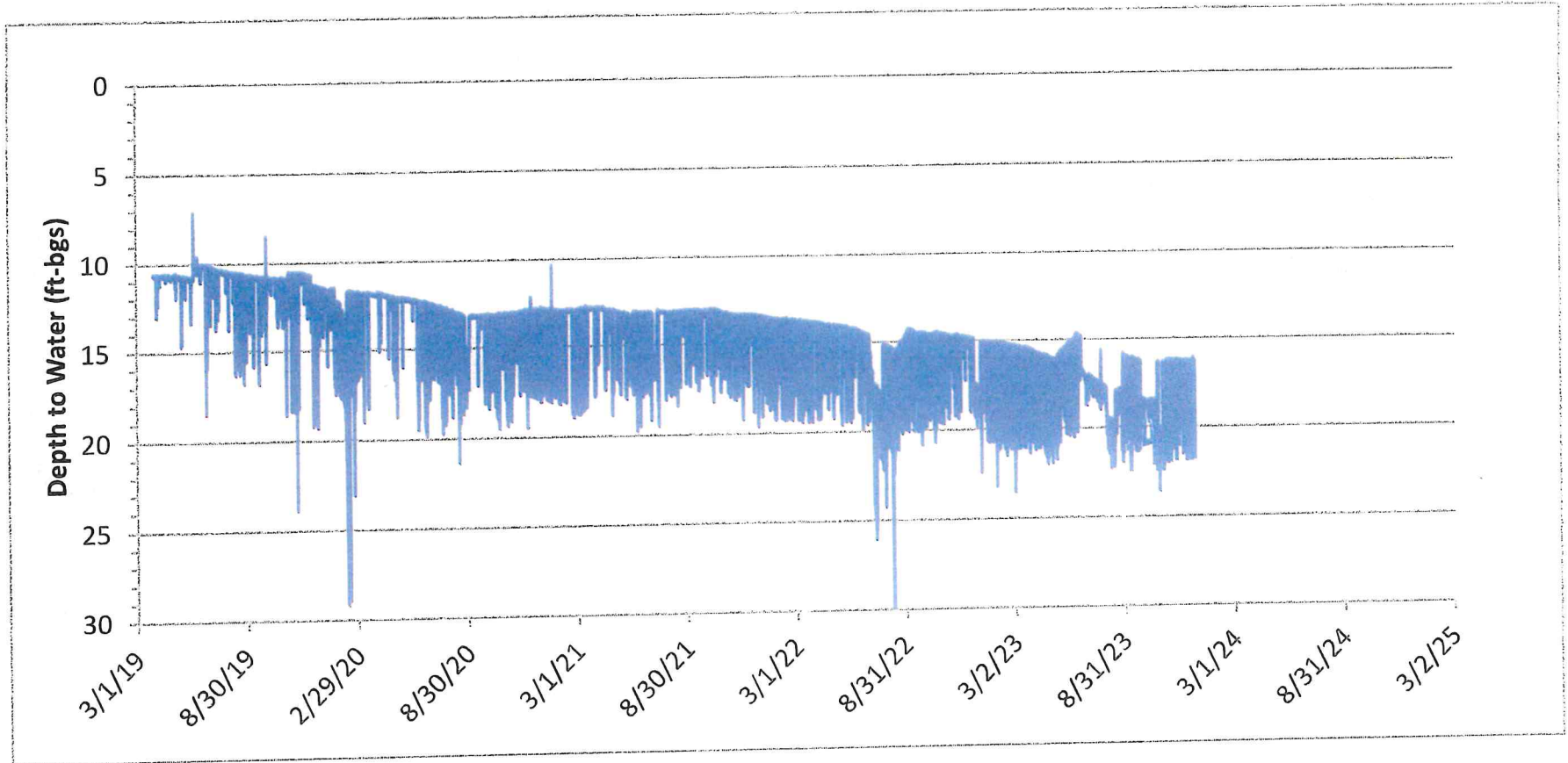
12/9/2024

Kinney County Groundwater Conservation District (Map #75)

La Fonda Monitoring Well

TD = 100 ft, RP = 995 ft-msl, Austin Chalk

Depth to Water (ft-bgs)



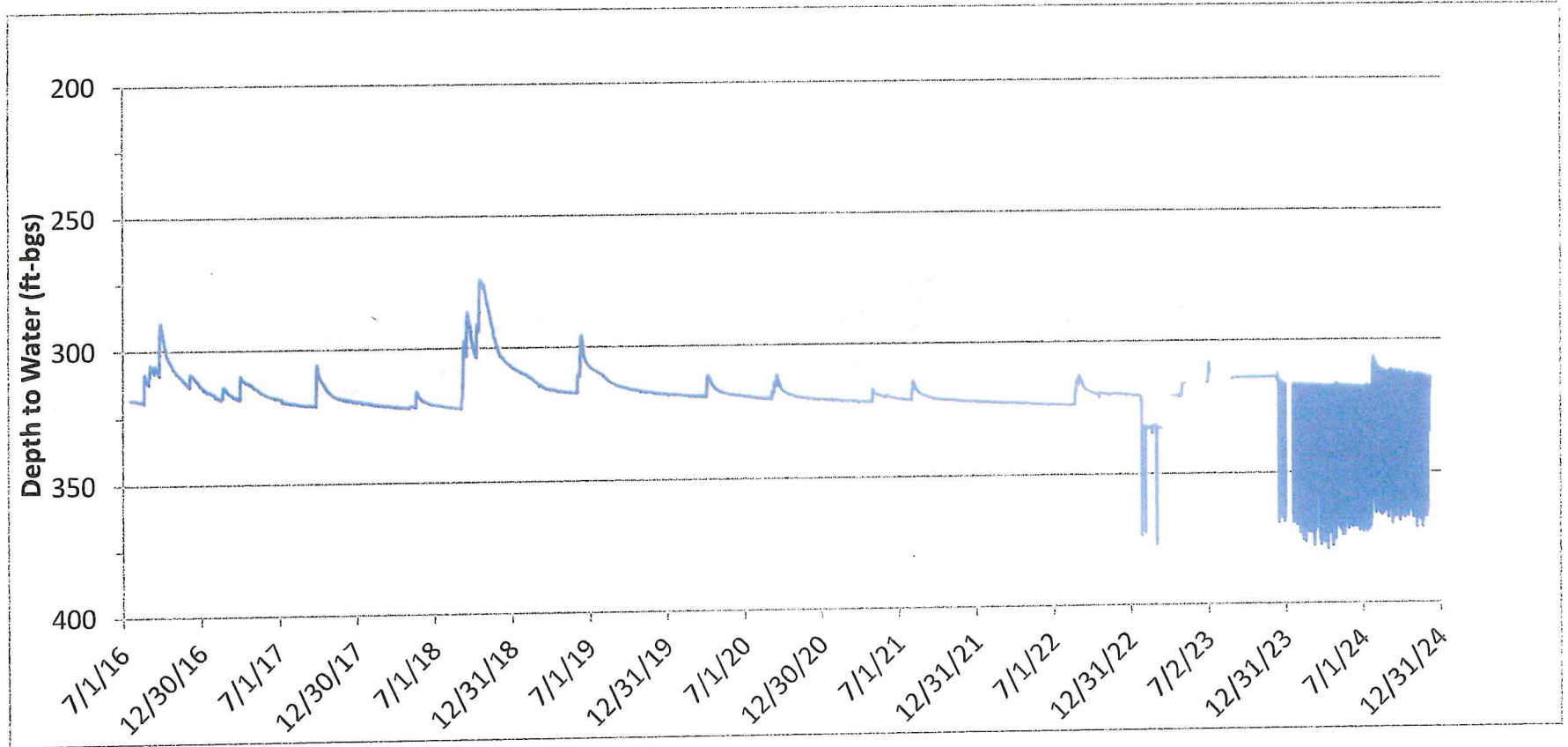
PRELIMINARY

12/9/2024

Kinney County Groundwater Conservation District (Map #45)

Well # 172

TD = 500 ft, RP = 1629 ft-msl, EBFZ(o),
Depth to Water (ft-bgs)



PRELIMINARY

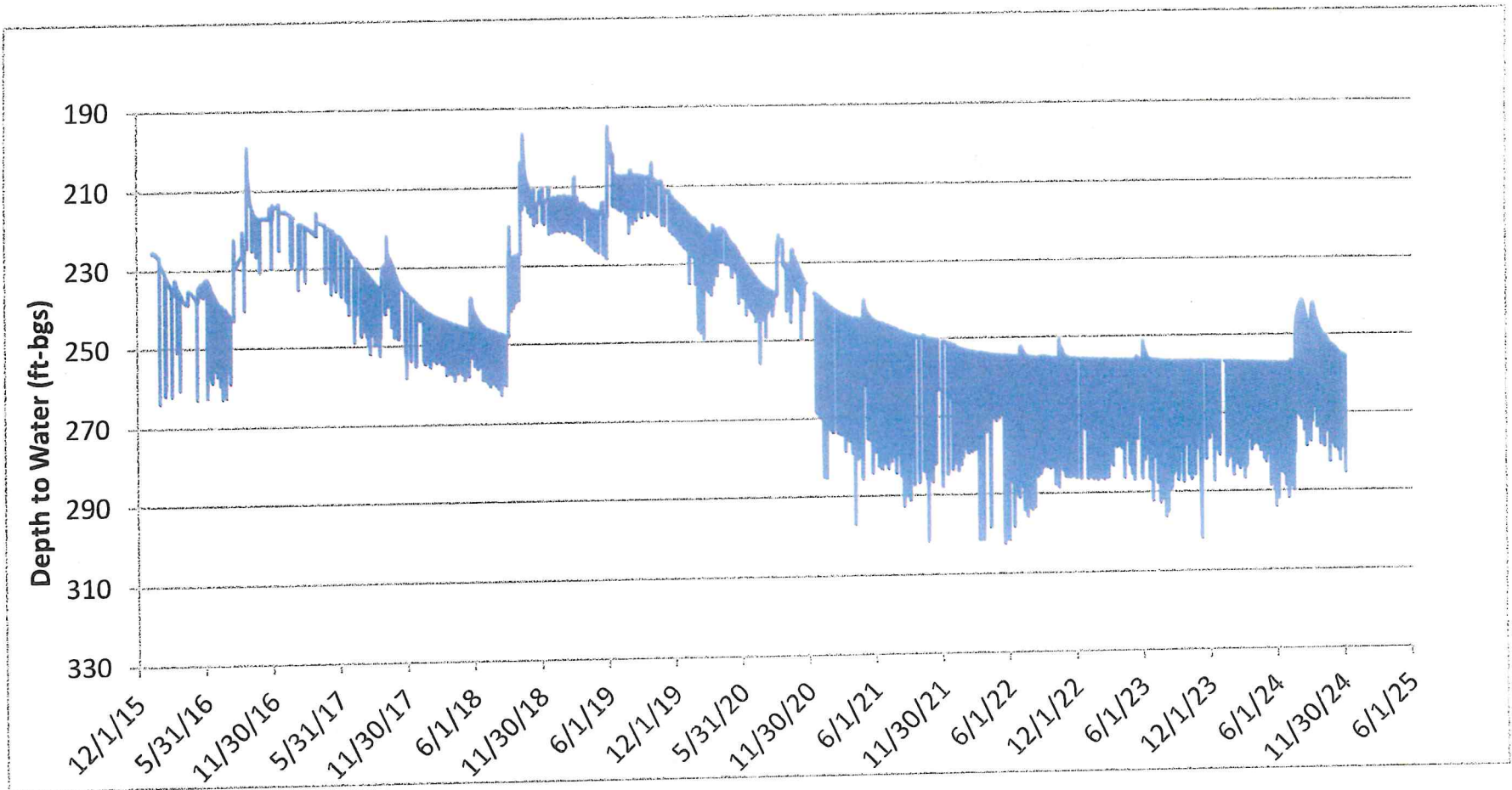
12/9/2024

Kinney County Groundwater Conservation District (Map #32)

Kickapoo Cavern State Park (Crownover)

TD = 502 ft, RP = 1634 ft-msl, TPO, TWDB No. 7029101

Depth to Water (ft-bgs)



PRELIMINARY

12/9/2024

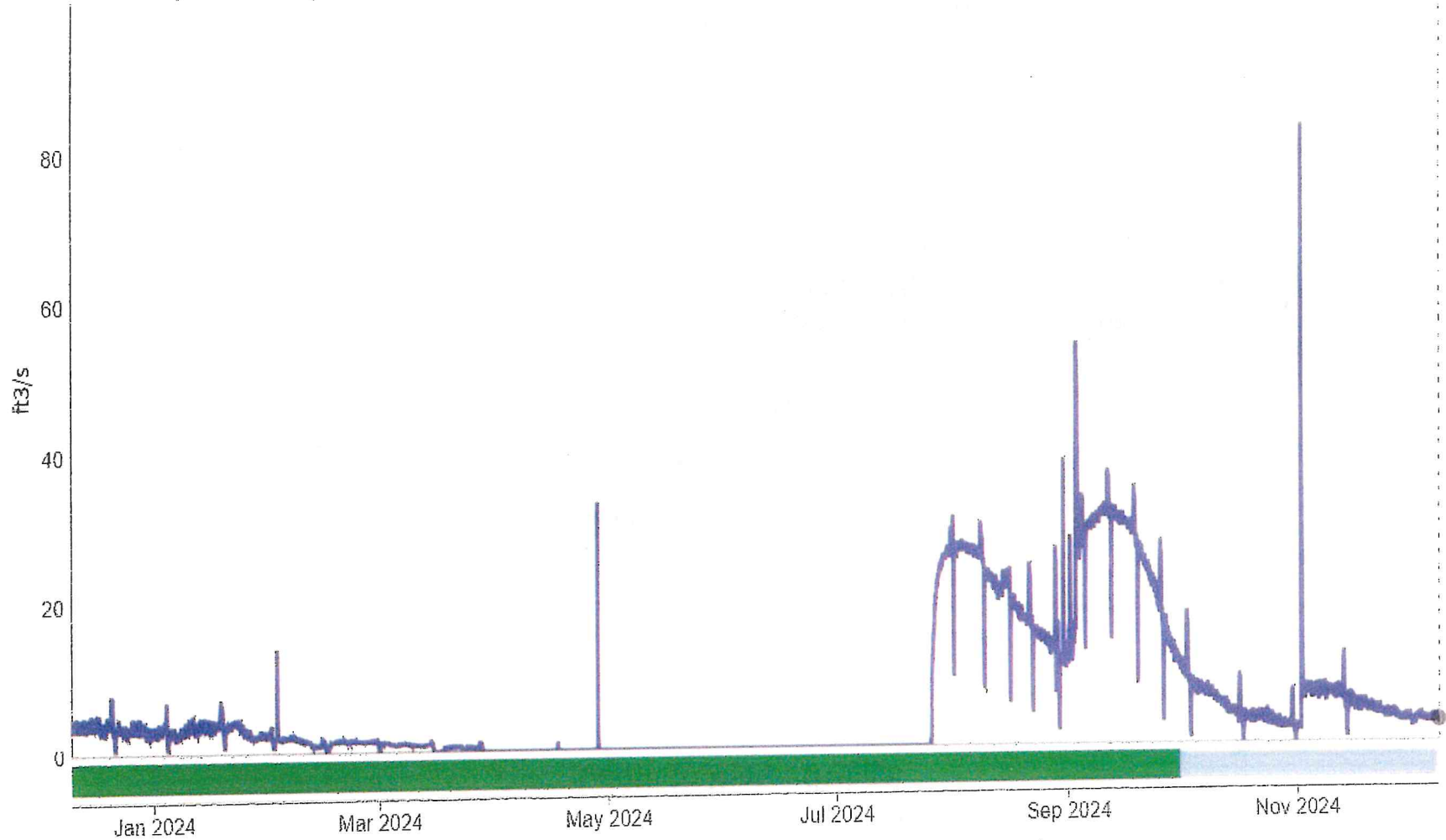
Kinney County Groundwater Conservation District (Map # 12)

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

December 10, 2023 - December 9, 2024

Discharge, cubic feet per second

2.94 ft³/s - Dec 09, 2024 04:15:00 AM CST

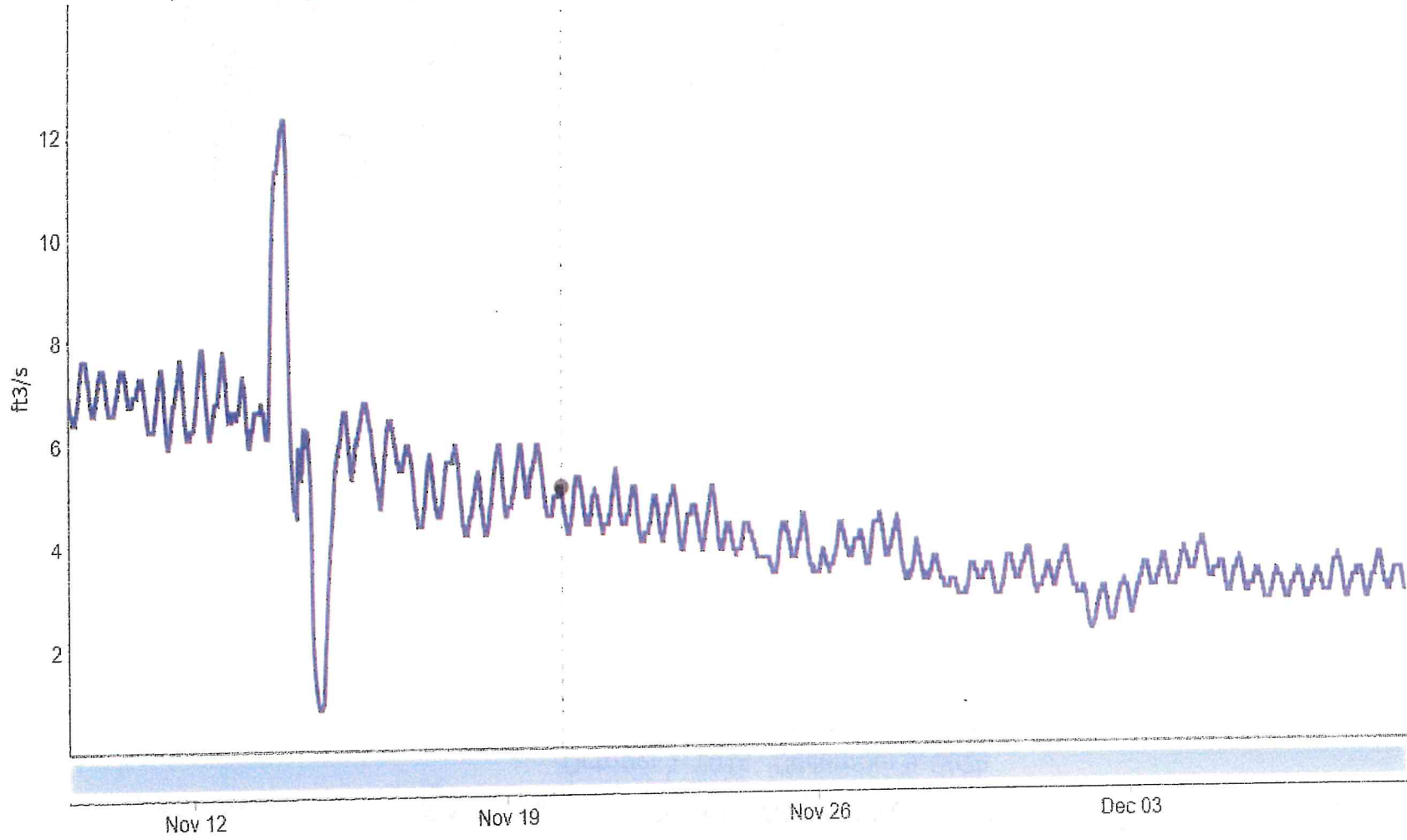


Las Moras Spgs Dws of pool at Brackettville, TX - 08456310

November 9, 2024 - December 9, 2024

Discharge, cubic feet per second

5.10 ft³/s - Nov 20, 2024 05:30:00 AM CST

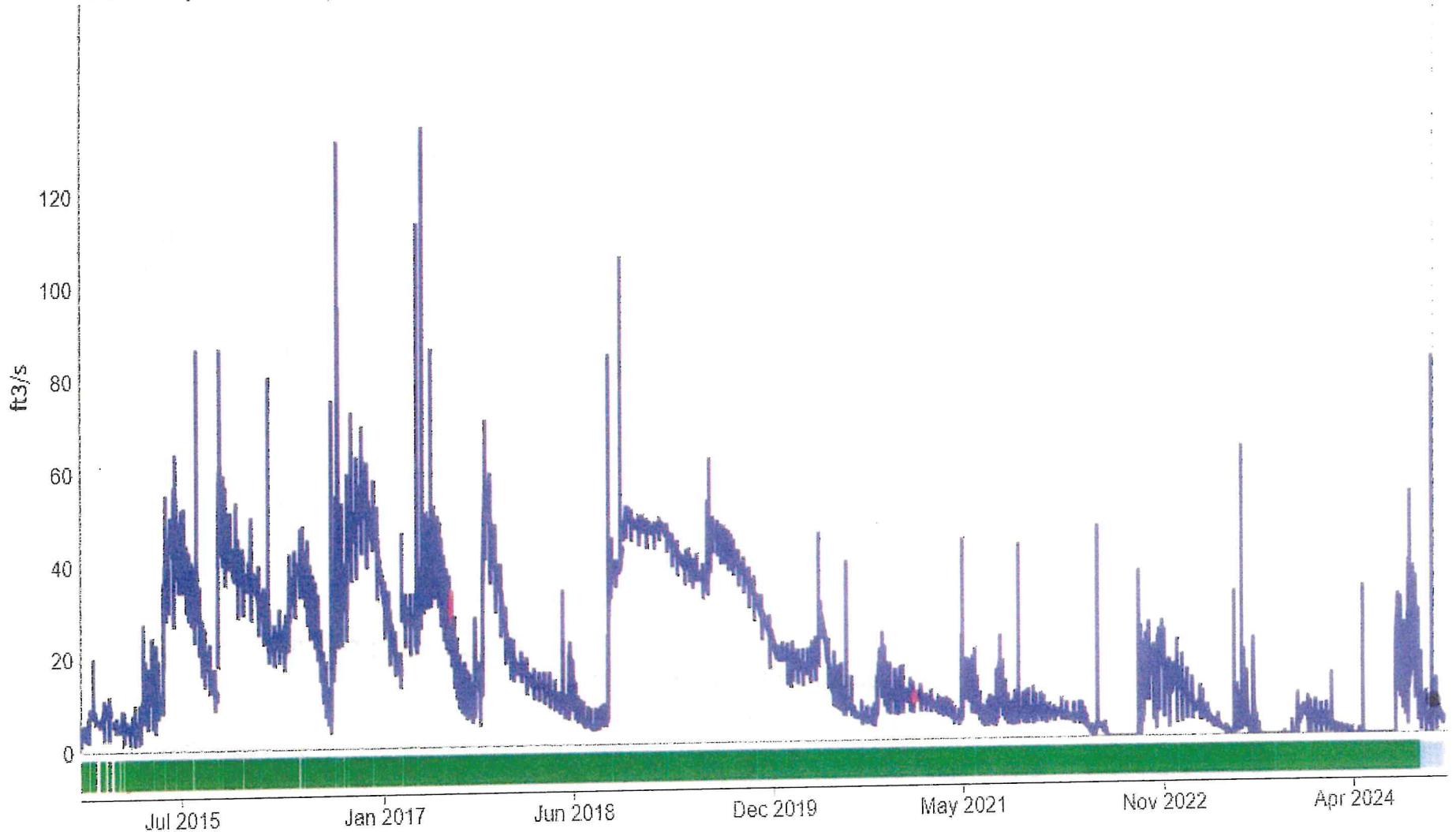


Las Moras Spgs Dws of pool at Brackettville, TX - 08456310

October 1, 2014 - December 9, 2024

Discharge, cubic feet per second

7.24 ft³/s - Nov 05, 2024 02:00:00 PM CST



EcoKai Environmental, Inc.

* Data Source - USGS

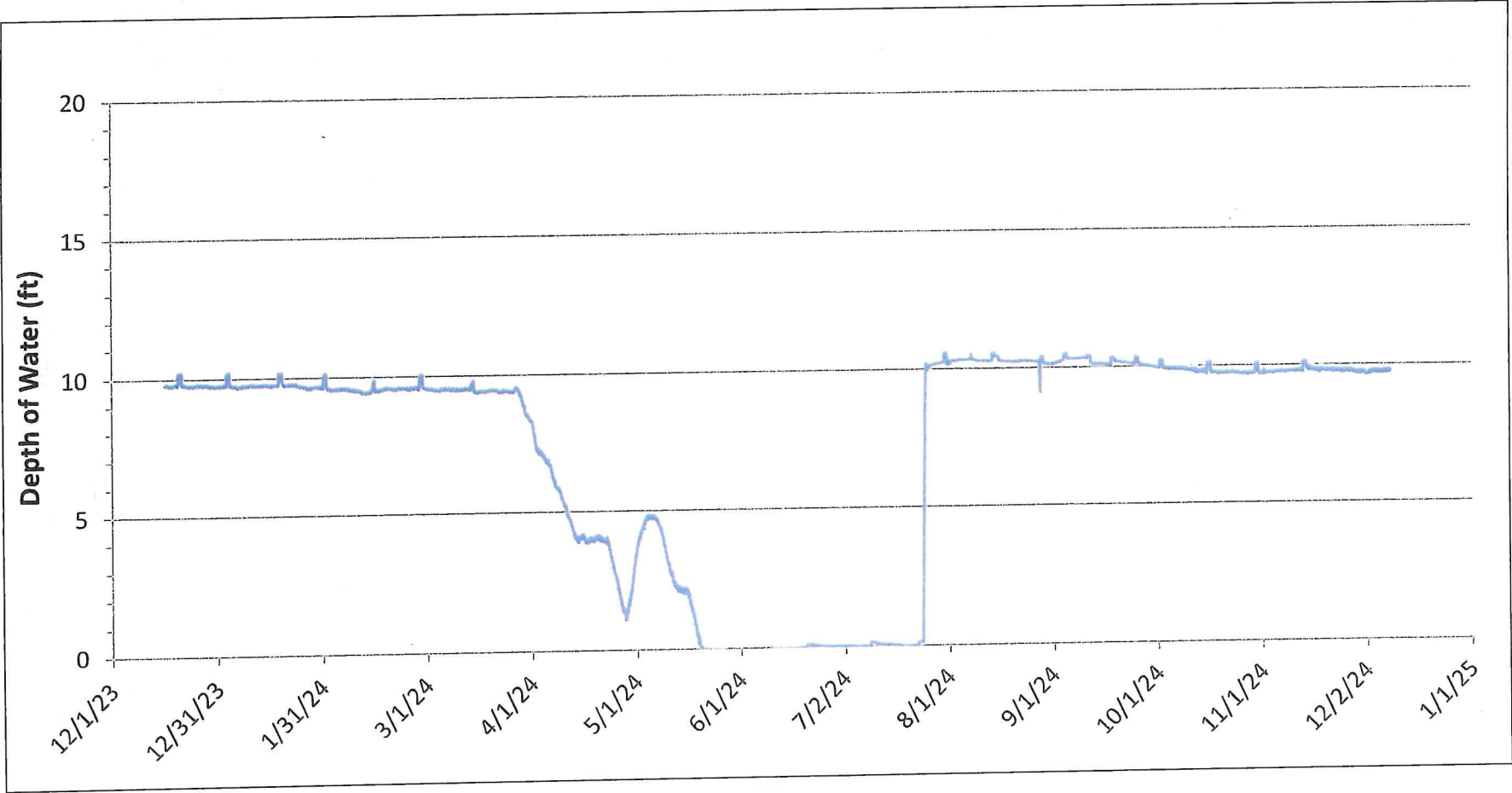
PRELIMINARY

12/9/2024

Kinney County Groundwater Conservation District

Las Moras Spring Basin

Depth of Water (ft)



PRELIMINARY

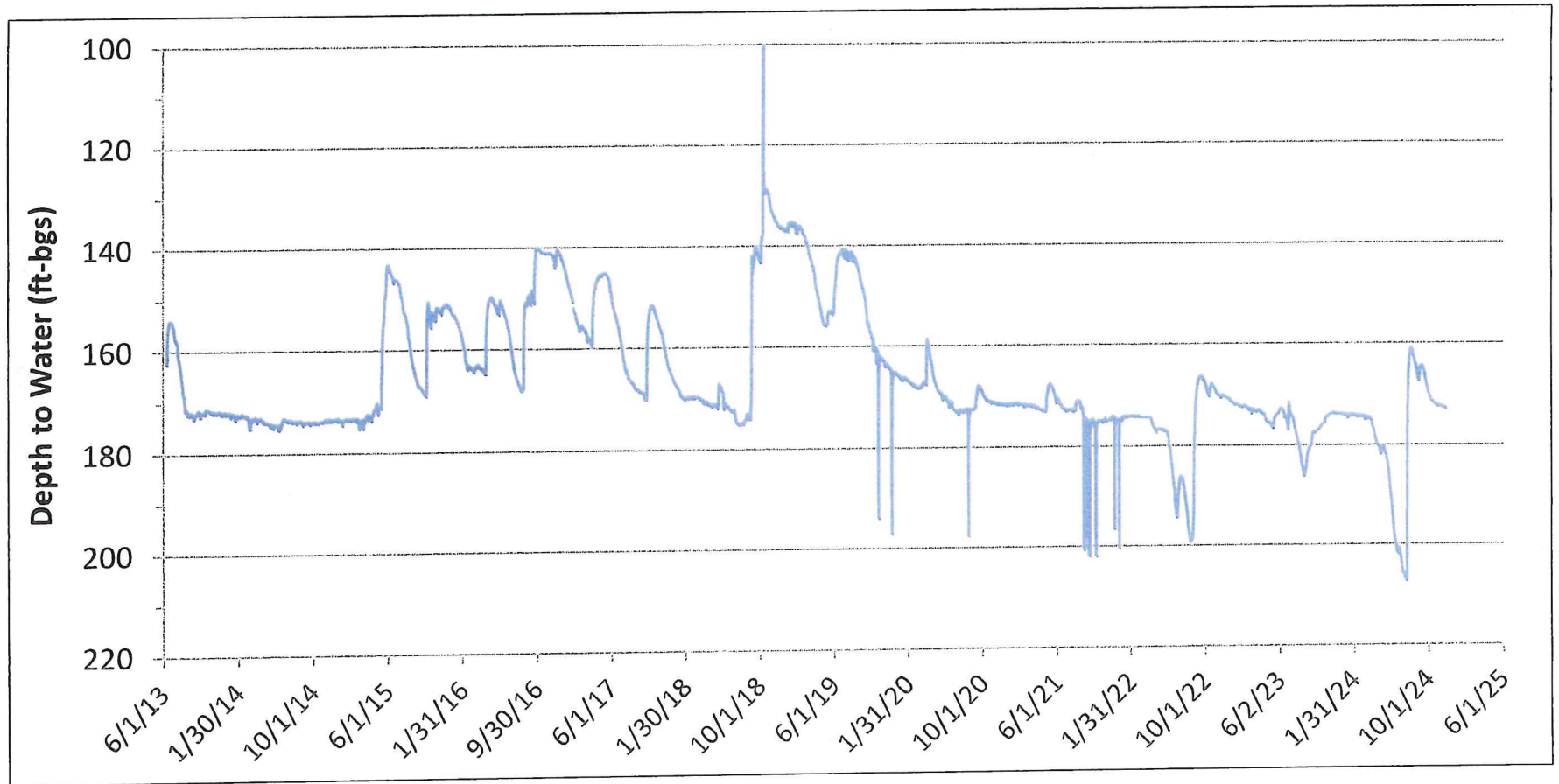
12/9/2024

Kinney County Groundwater Conservation District (Map #69)

Lindsey Monitoring Well

TD = 600 ft, RP = 1277 ft-msl, BFZ(s), TWDB No. 7046103

Depth to Water (ft-bgs)



PRELIMINARY

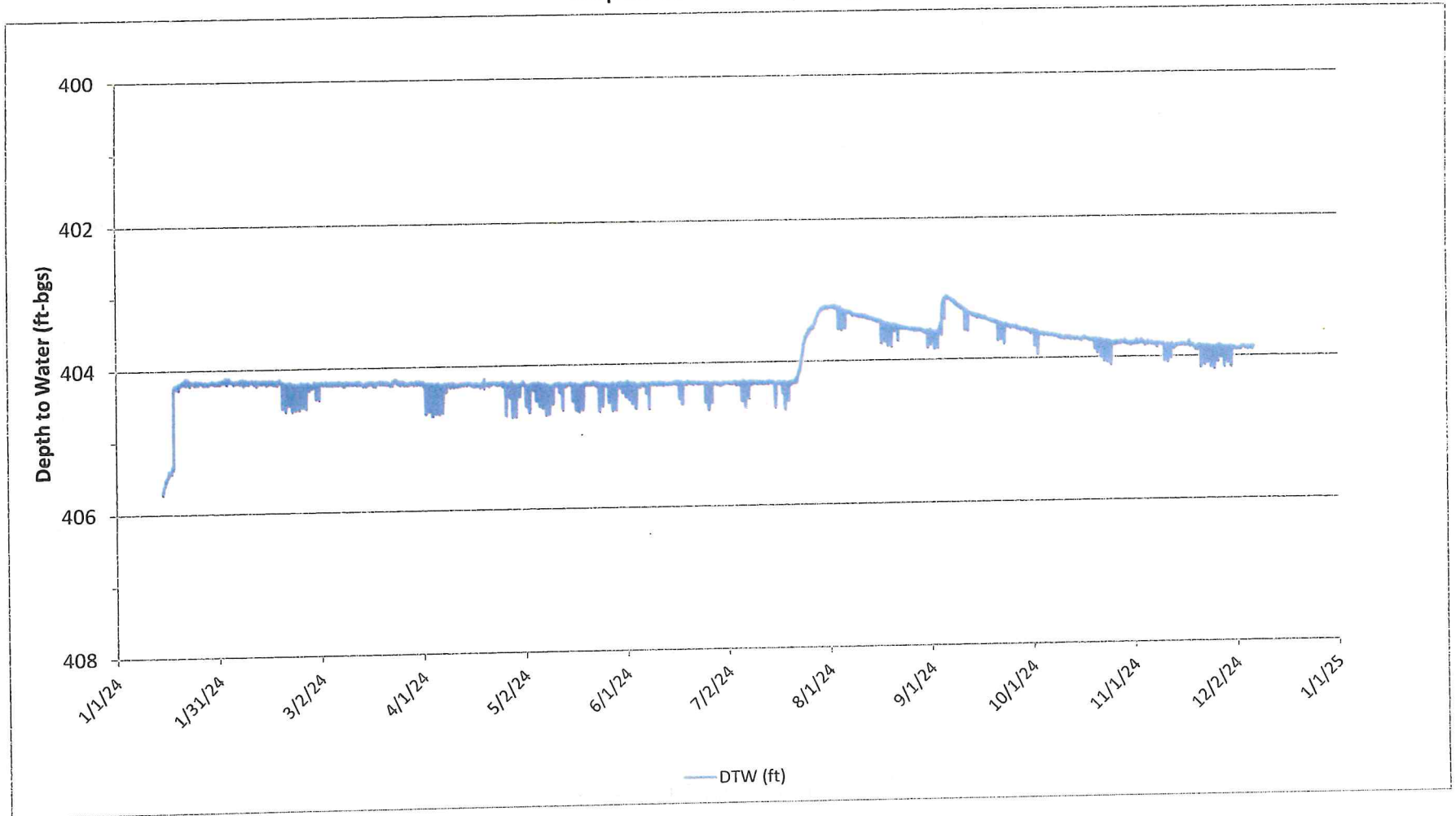
12/9/2024

Kinney County Groundwater Conservation District (Map # 2)

The Hill Well (Edwards Co.)

TD = >550 ft, RP = 2104 ft msl

Depth to Water (ft-bgs)



PRELIMINARY

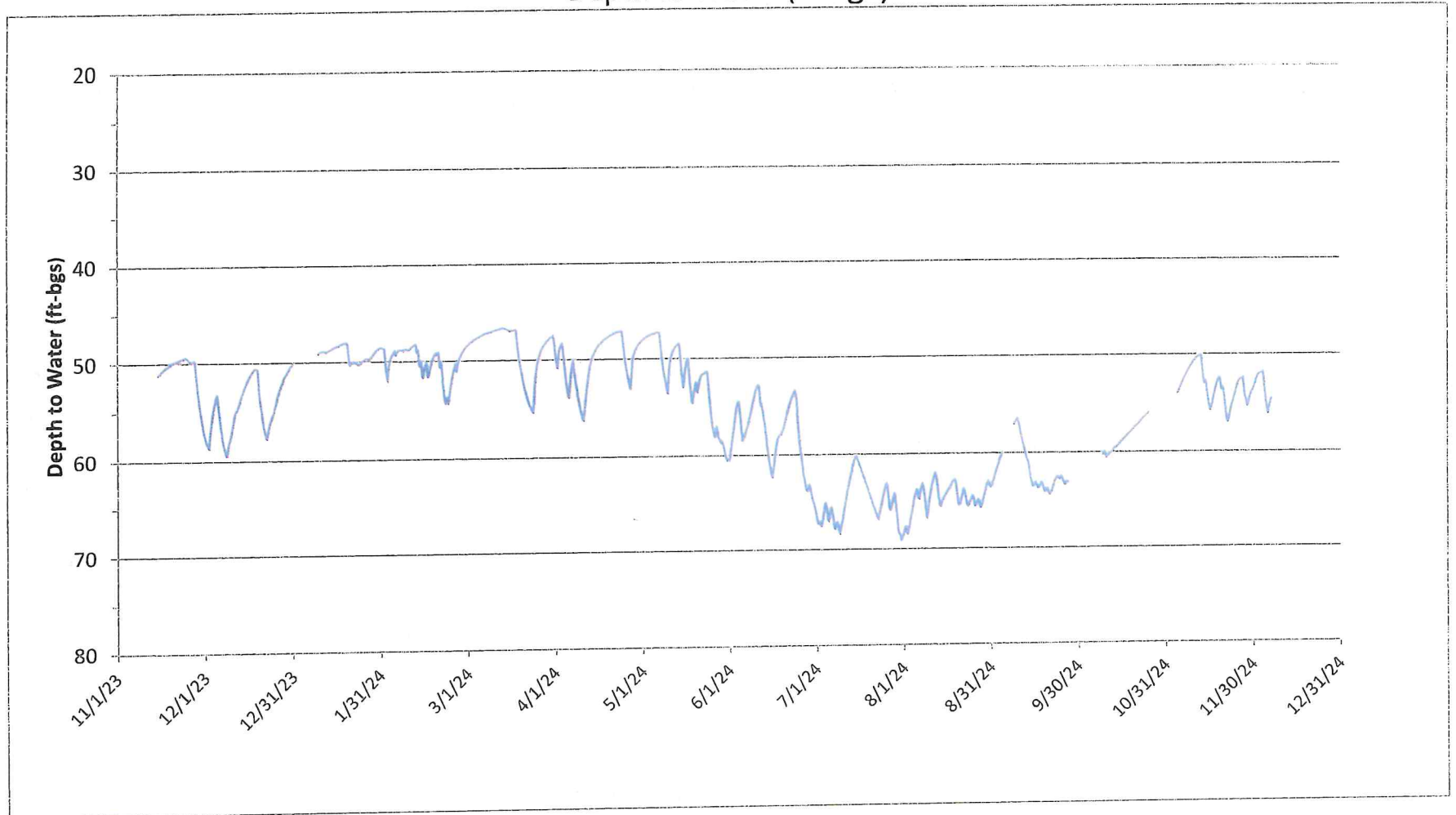
12/9/2024

Kinney County Groundwater Conservation District (Map # 59)

Maverick LC - Monitoring Well #1

TD < 250 ft, RP = 1099 ft msl, Austin Chalk

Depth to Water (ft-bgs)



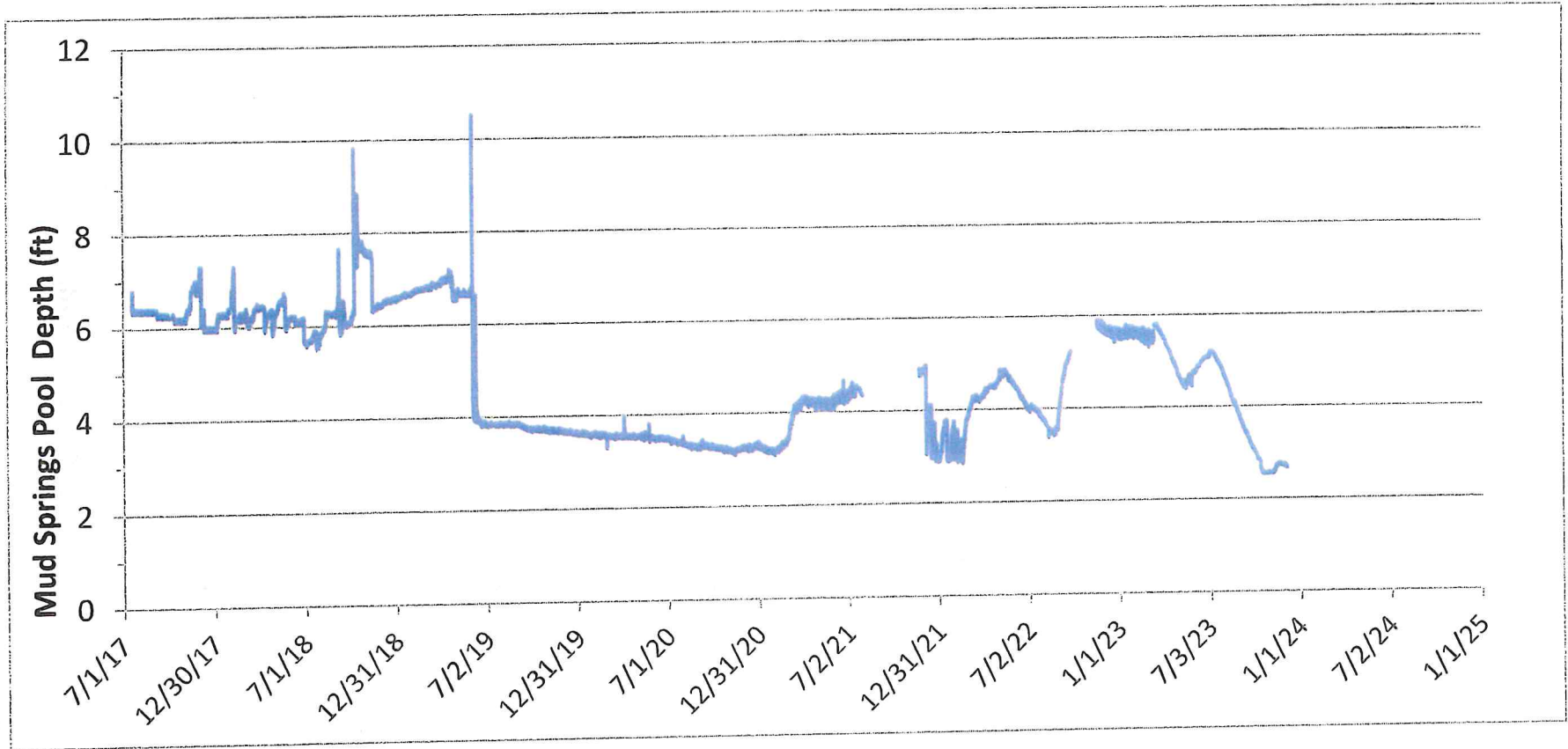
PRELIMINARY

12/9/2024

Kinney County Groundwater Conservation District

Mud Springs Headwaters

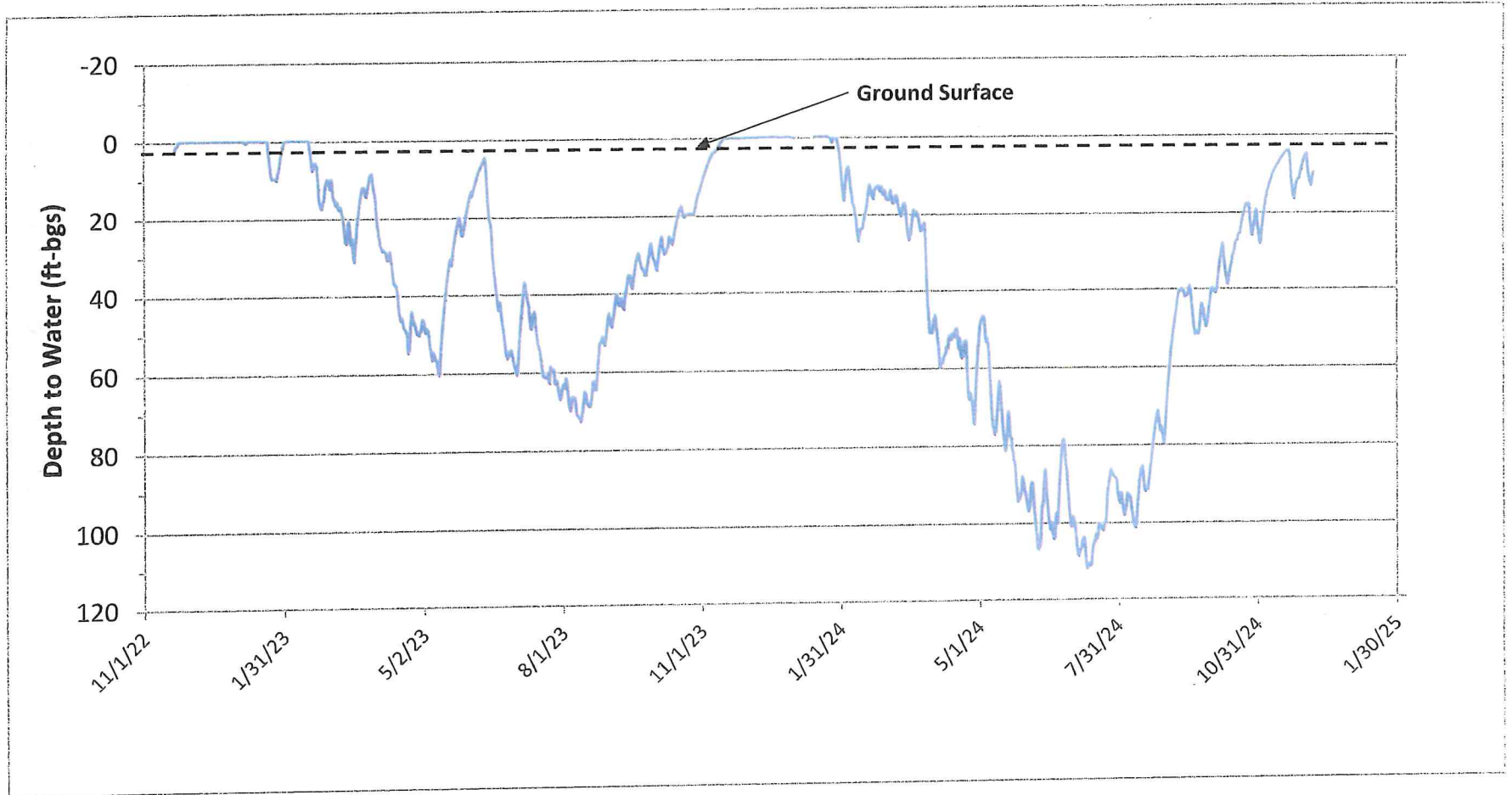
Stage (ft)



Ole Stinky

TD ~1500 ft , RP = 1064 ft-msl, TPS

Depth to Water (ft-bgs)



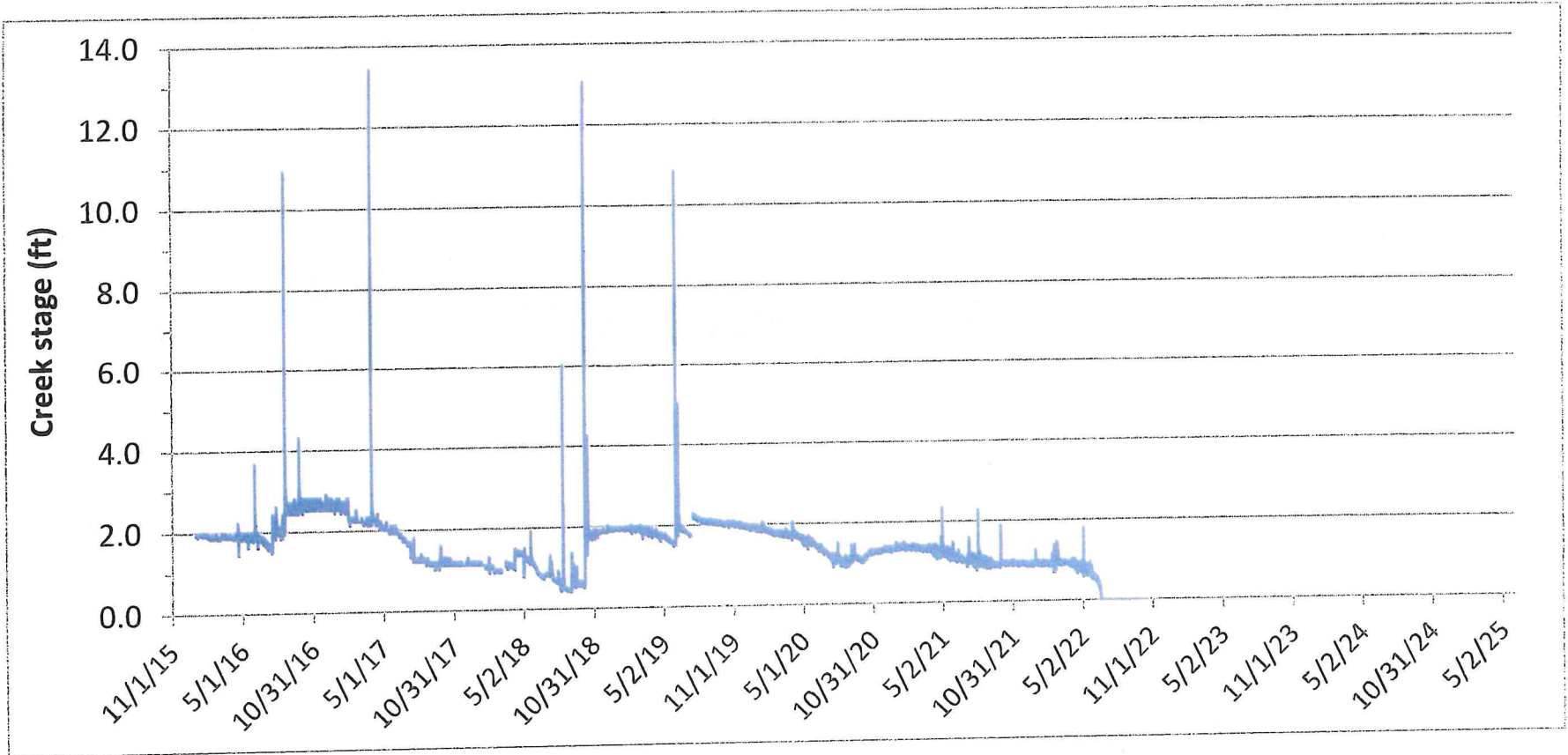
PRELIMINARY

12/9/2024

Kinney County Groundwater Conservation District (Map #57)

Pinto Creek @ HWY 90

Creek Stage (ft)



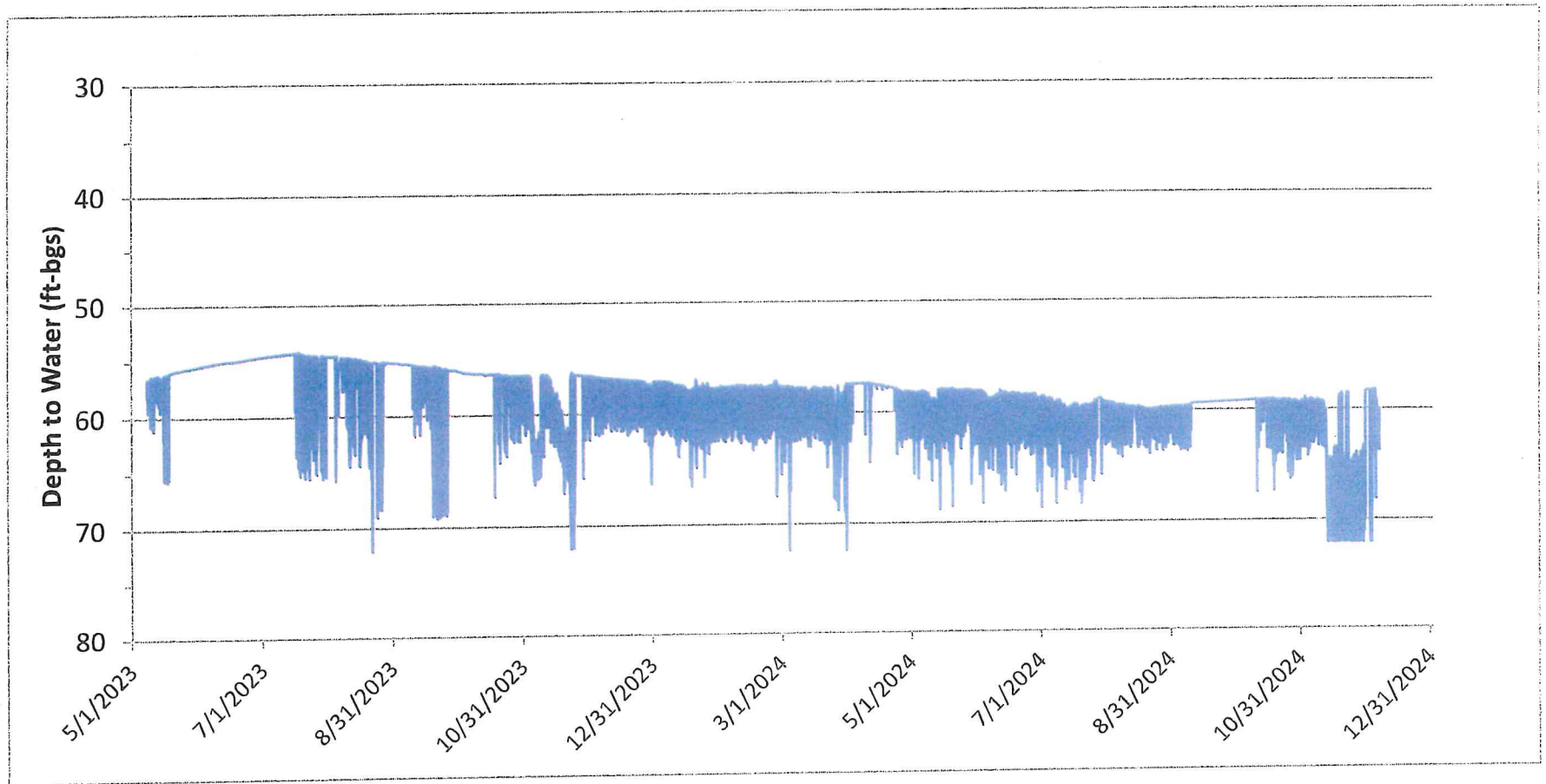
PRELIMINARY

12/9/2024

Kinney County Groundwater Conservation District (Map #13)

RS Old House Well

TD = 70ft, RP = 1075 ft-msl, Austin Chalk
Depth to Water (ft-bgs)



PRELIMINARY

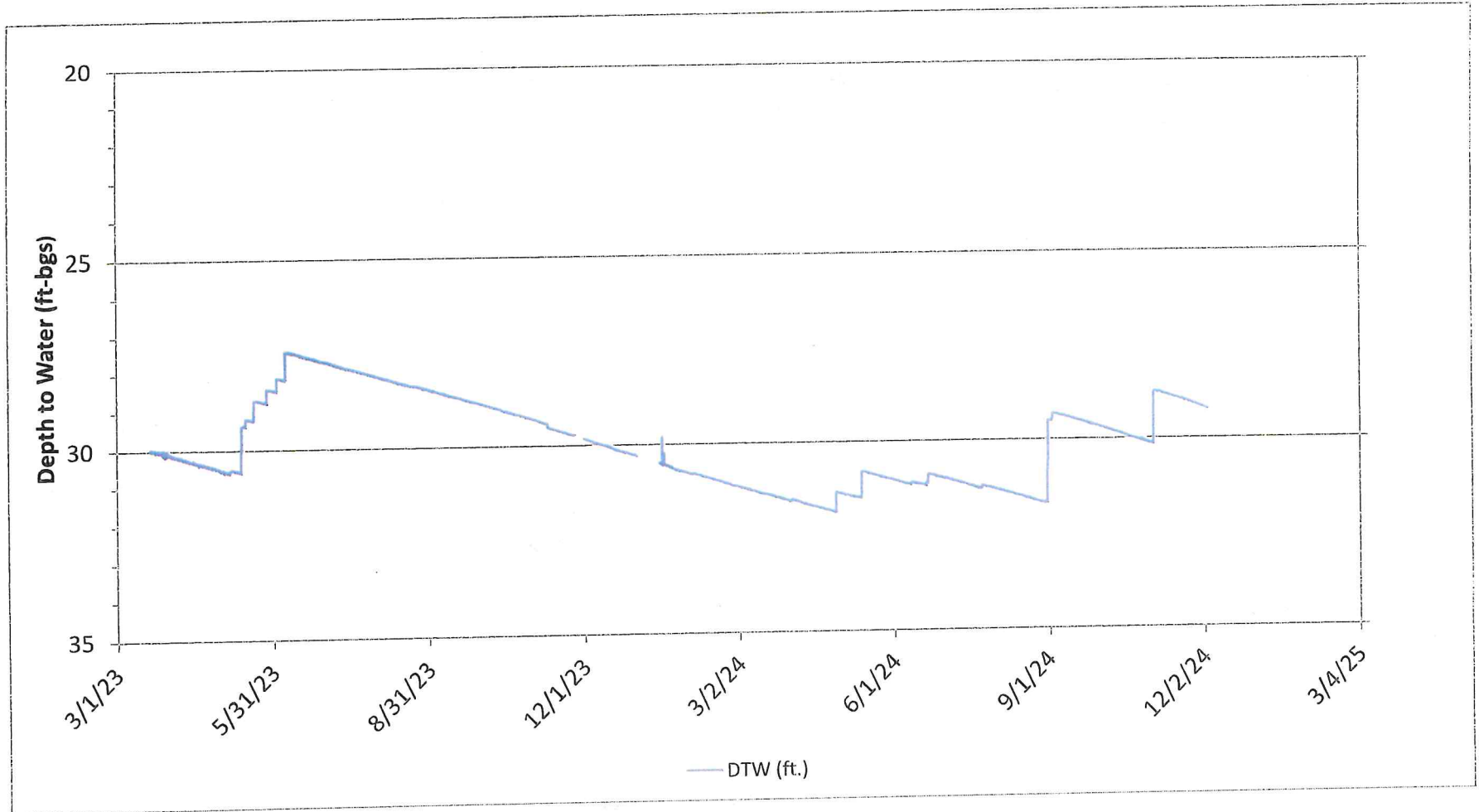
12/9/2024

Kinney County Groundwater Conservation District (Map #63)

RS Open Well

TD = 1760, RP = 1064 ft-msl, TPS, TWDB No. 7044804

Depth to Water (ft-bgs)



PRELIMINARY

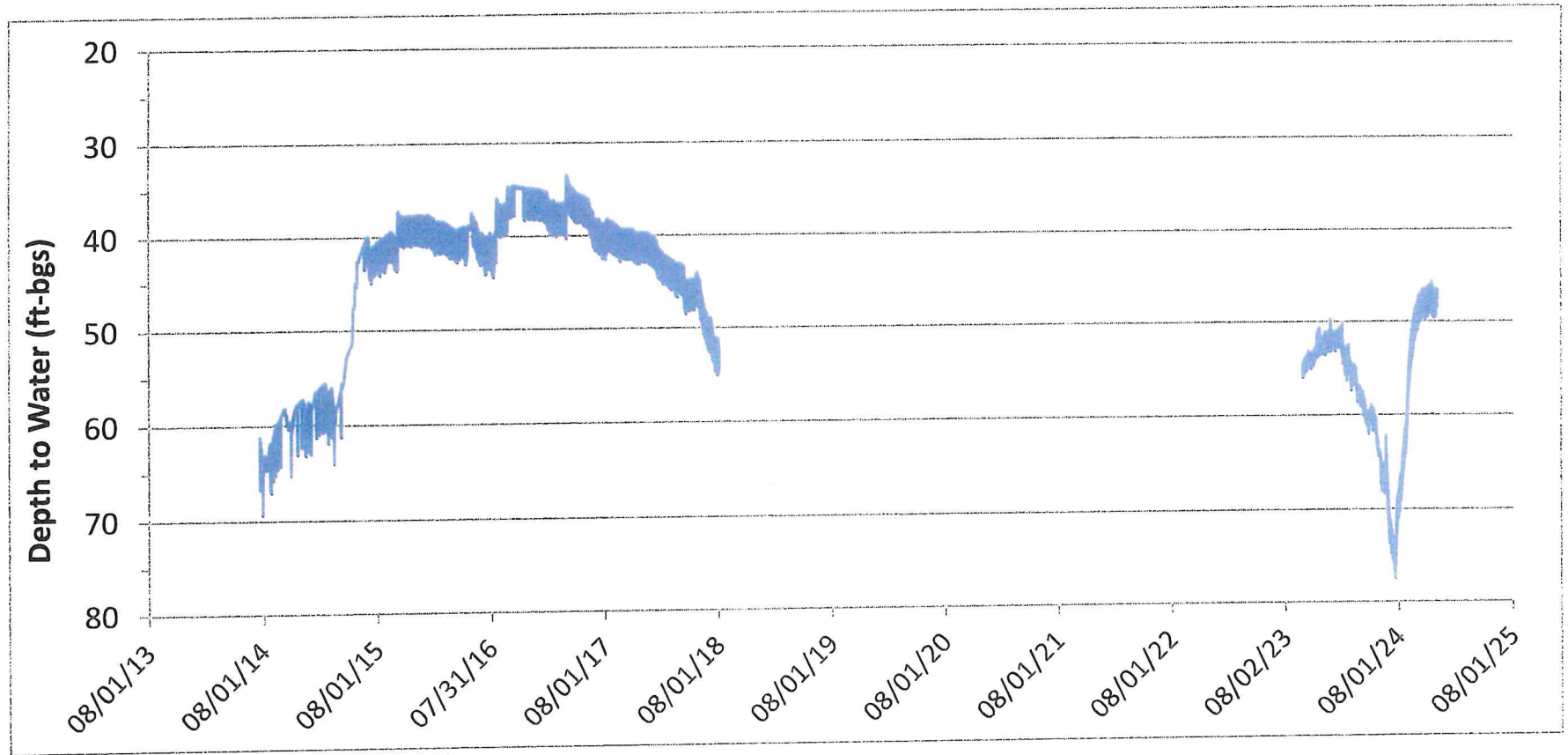
12/9/2024

Kinney County Groundwater Conservation District (Map #58)

So. Pinto Windmill #1

TD = 98 ft, RP = 1232 ft-msl, TPS, TWDB No. 7037810

Depth to Water (ft-bgs)



PRELIMINARY

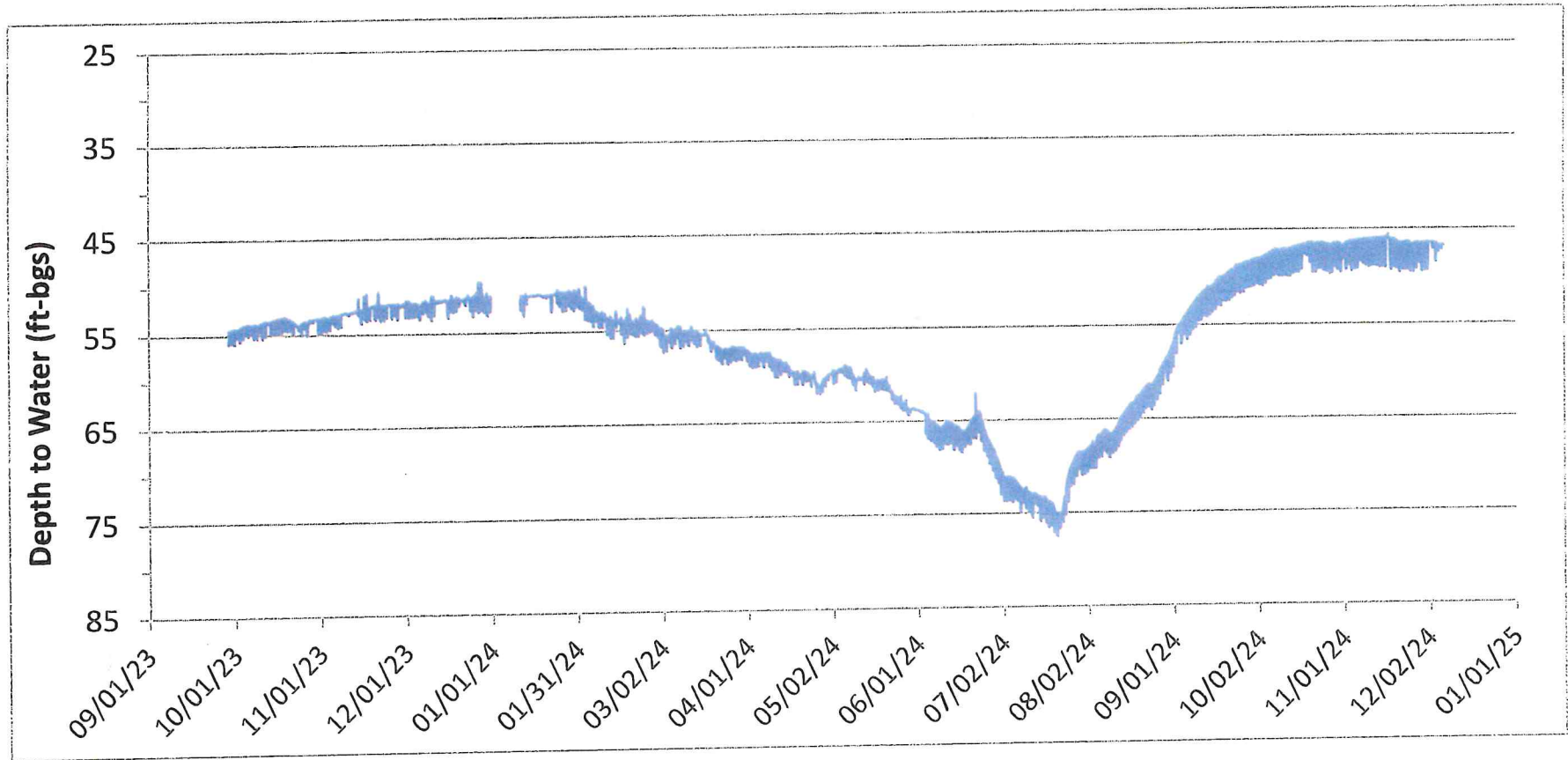
12/9/2024

Kinney County Groundwater Conservation District (Map #7)

So. Pinto Windmill #1

TD = 98 ft, RP = 1232 ft-msl, TPS, TWDB No. 7037810

Depth to Water (ft-bgs)



PRELIMINARY

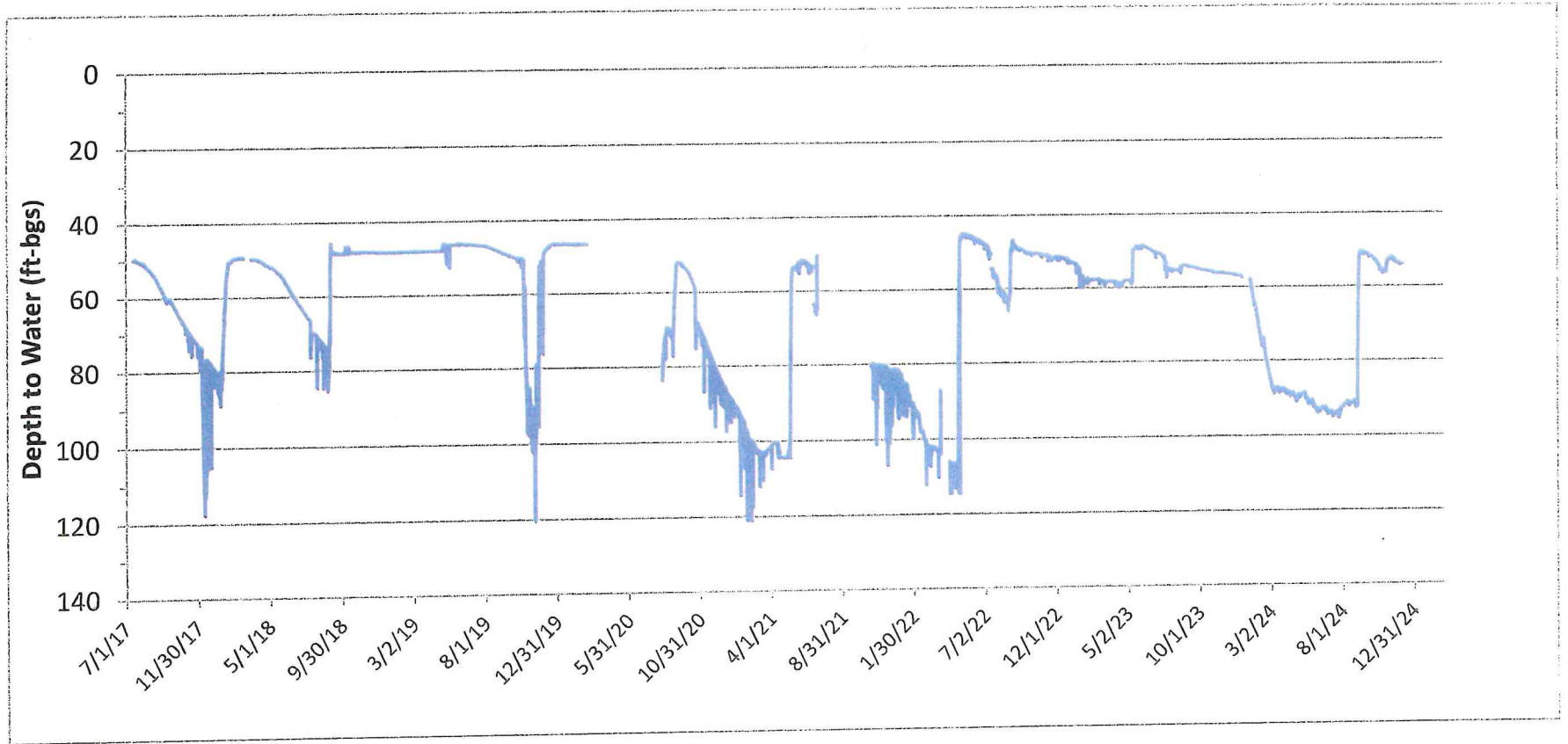
12/9/2024

Kinney County Groundwater Conservation District (Map # 7)

Toft Ranch - Rail Road Well

TD = 150 ft, RP = 1021 ft-msl, Austin Chalk

Depth to Water (ft-bgs)



PRELIMINARY

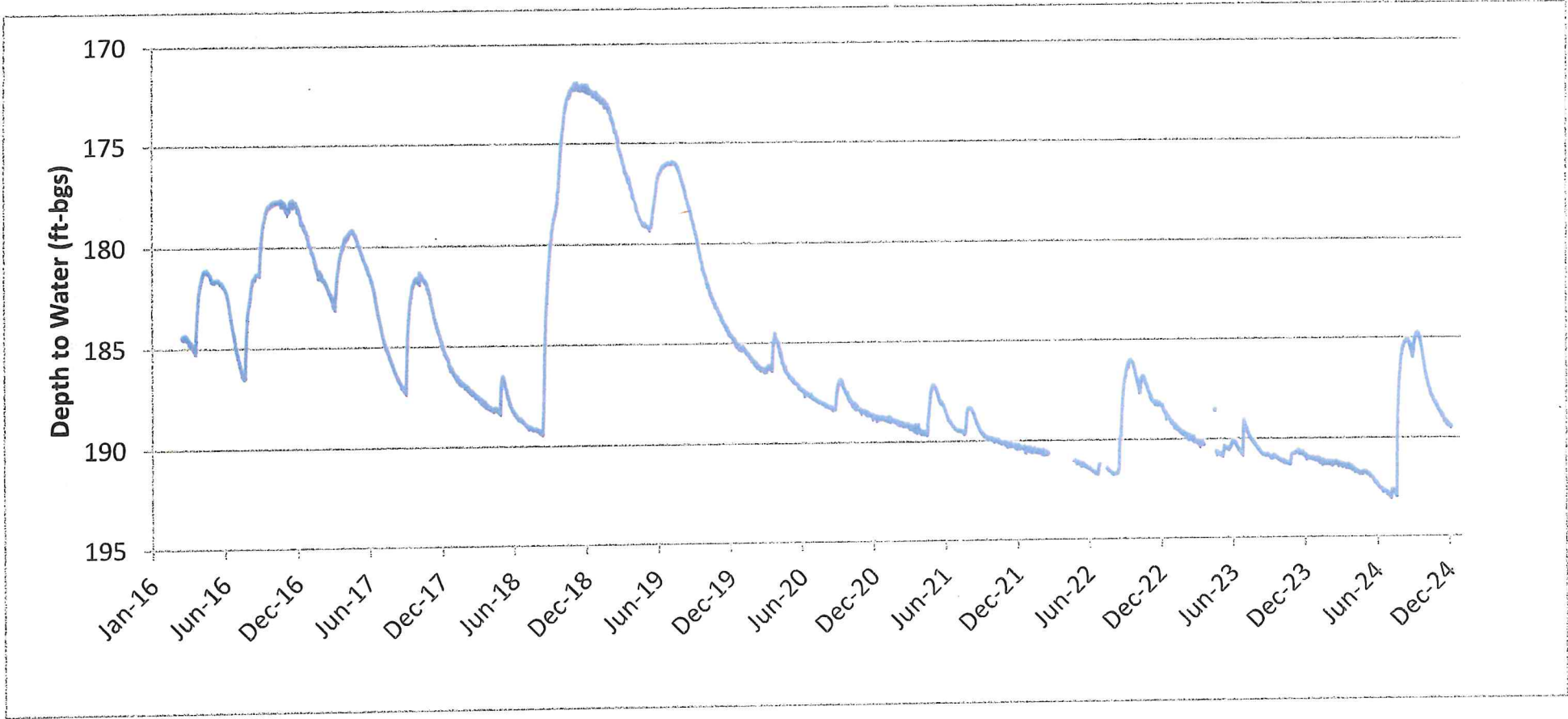
12/9/2024

Kinney County Groundwater Conservation District (Map #37)

Tularosa Well

TD = 775 ft, RP = 1382 ft-msl, Edwards BFZ, TWDB No. 7038902

Depth to Water (ft-bgs)*

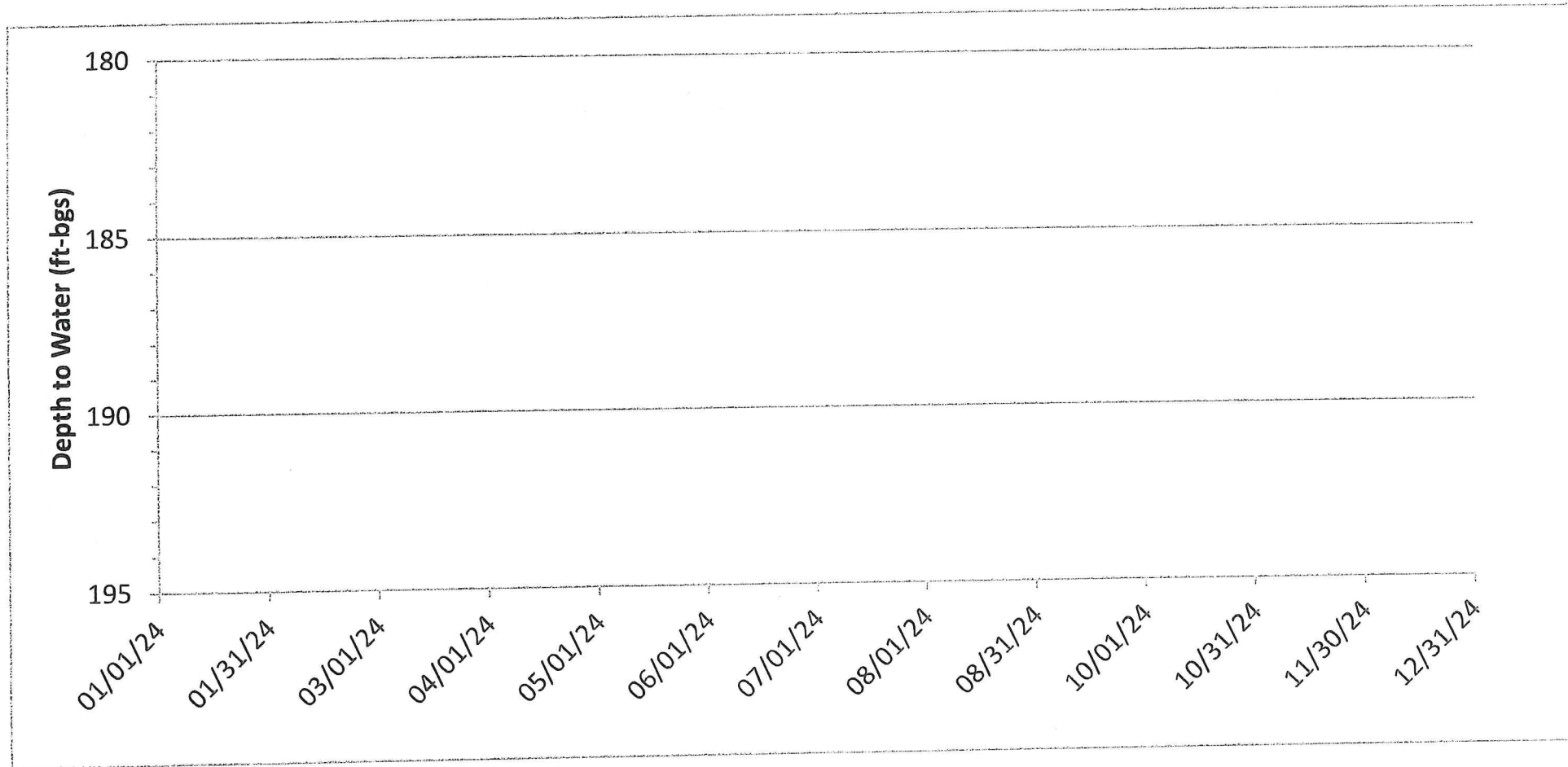


Tularosa Well

TD = 775 ft, RP = 1382 ft-msl, Edwards BFZ, TWDB No. 7038902

Depth to Water (ft-bgs)*

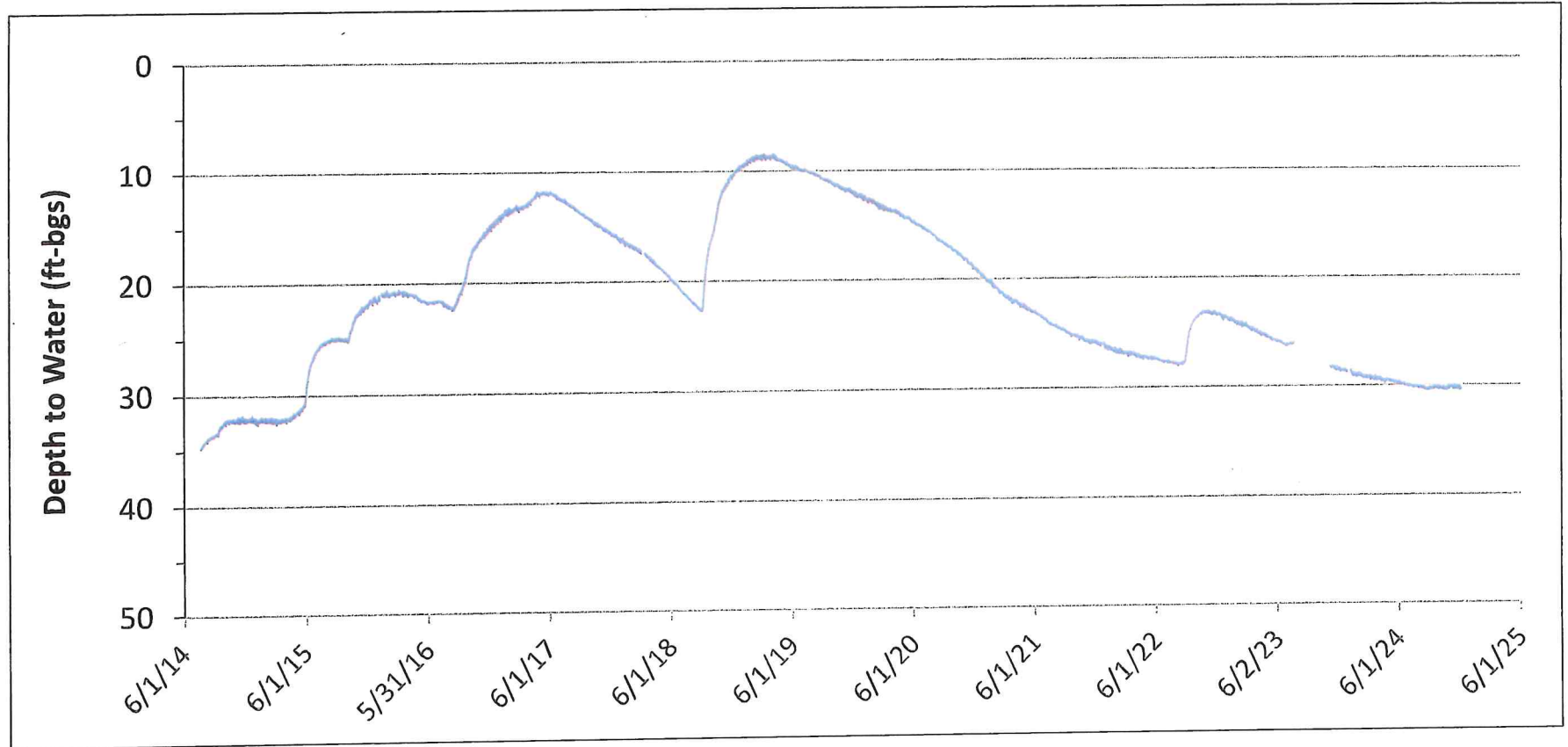
Year to Date



TXDOT East Elm 2

TD = 376 ft, RP = 1086 ft-msl, BFZ(s), TWDB No. 7046802

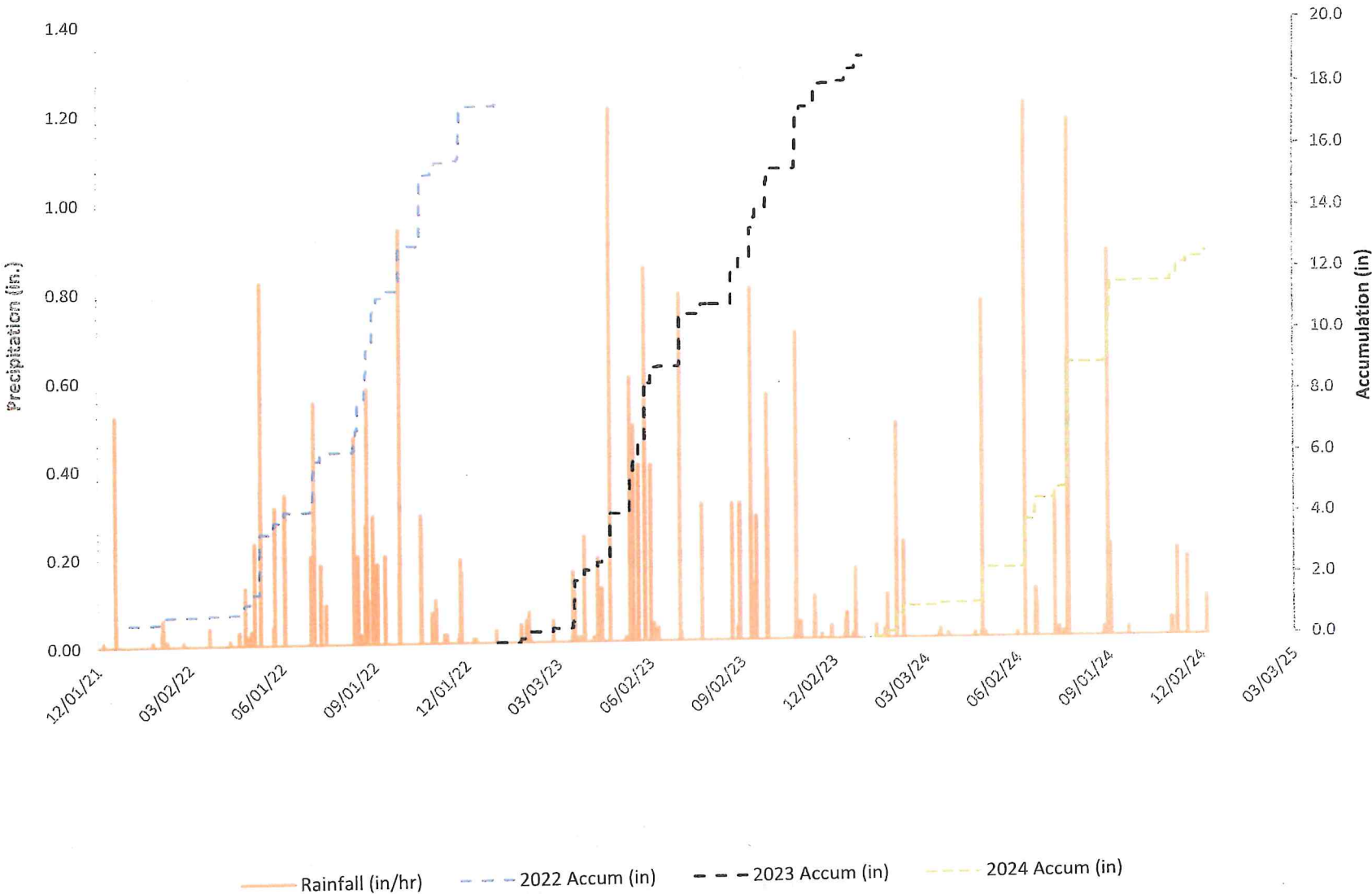
Depth to Water (ft-bgs)



Kickapoo Rain Gauge No. 1

Measured Rainfall (inches)

Reported Hourly



PRELIMINARY

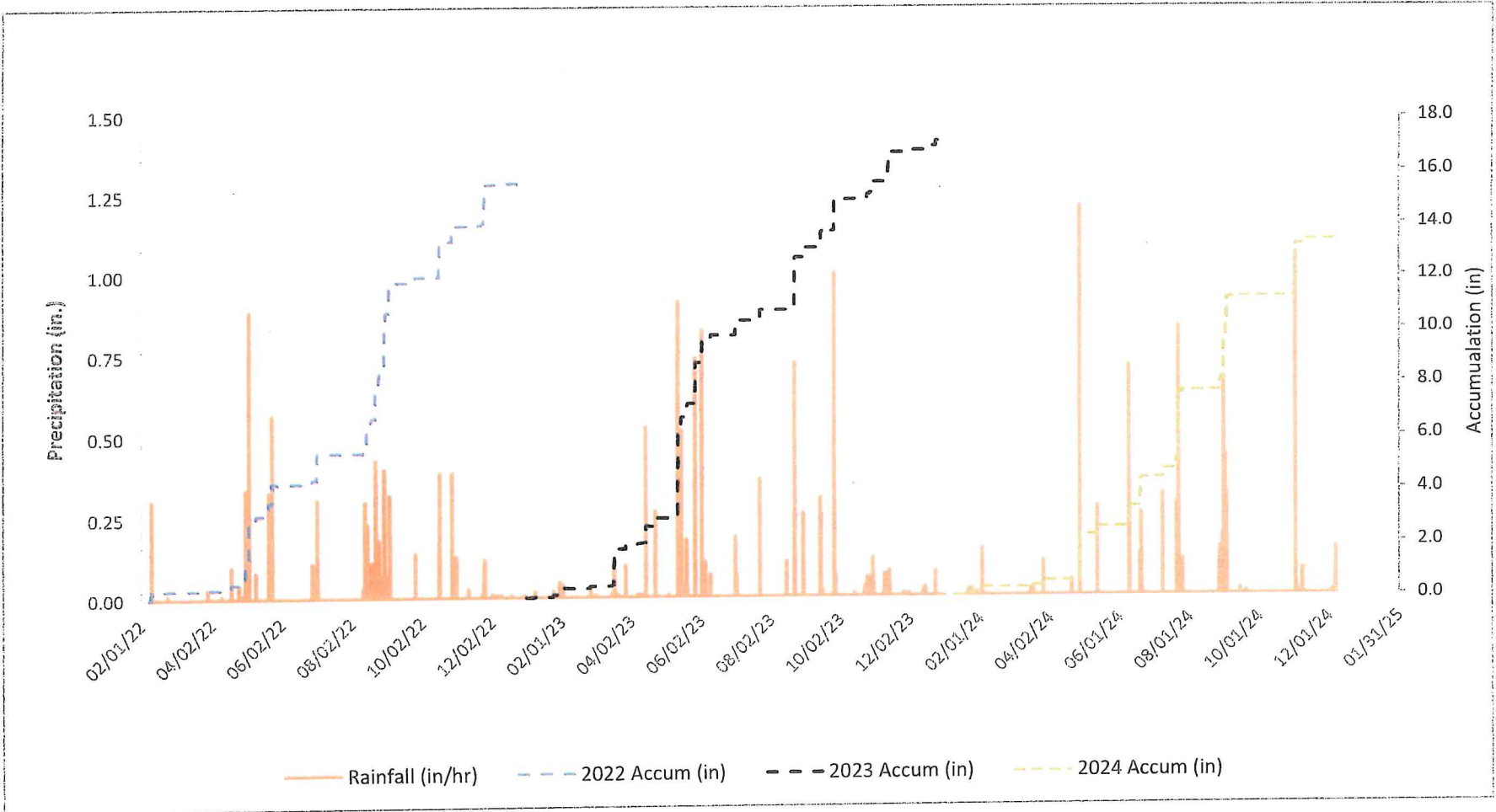
12/9/2024

Kinney County Groundwater Conservation District (Map # R-1)

Dooley Rain Gauge No. 2

Measured Rainfall (inches)

Reported Hourly



PRELIMINARY

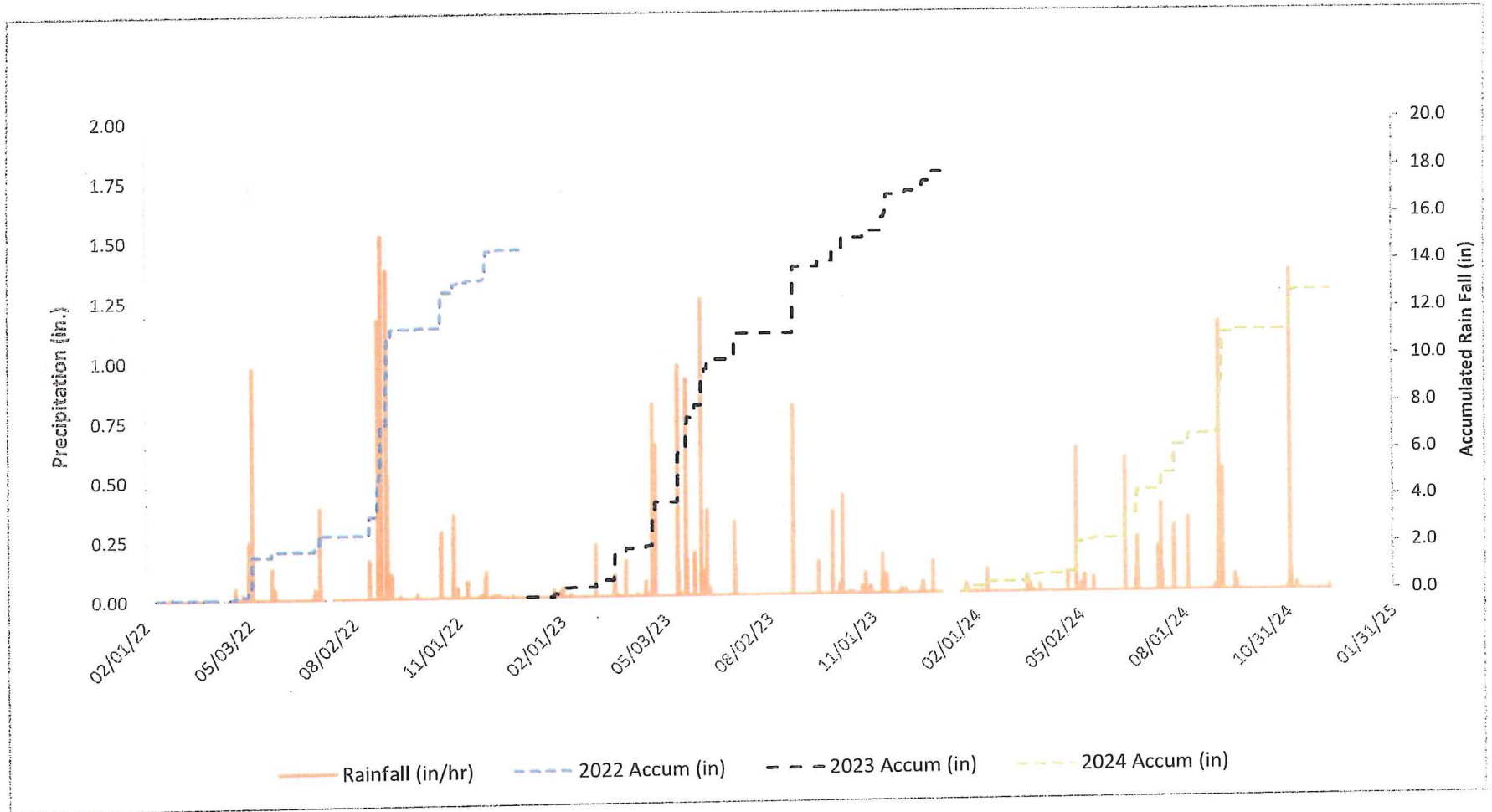
12/9/2024

Kinney County Groundwater Conservation District (Map # R-2)

Toft Ranch Rain Gauge No. 4

Measured Rainfall (inches)

Reported Hourly



PRELIMINARY

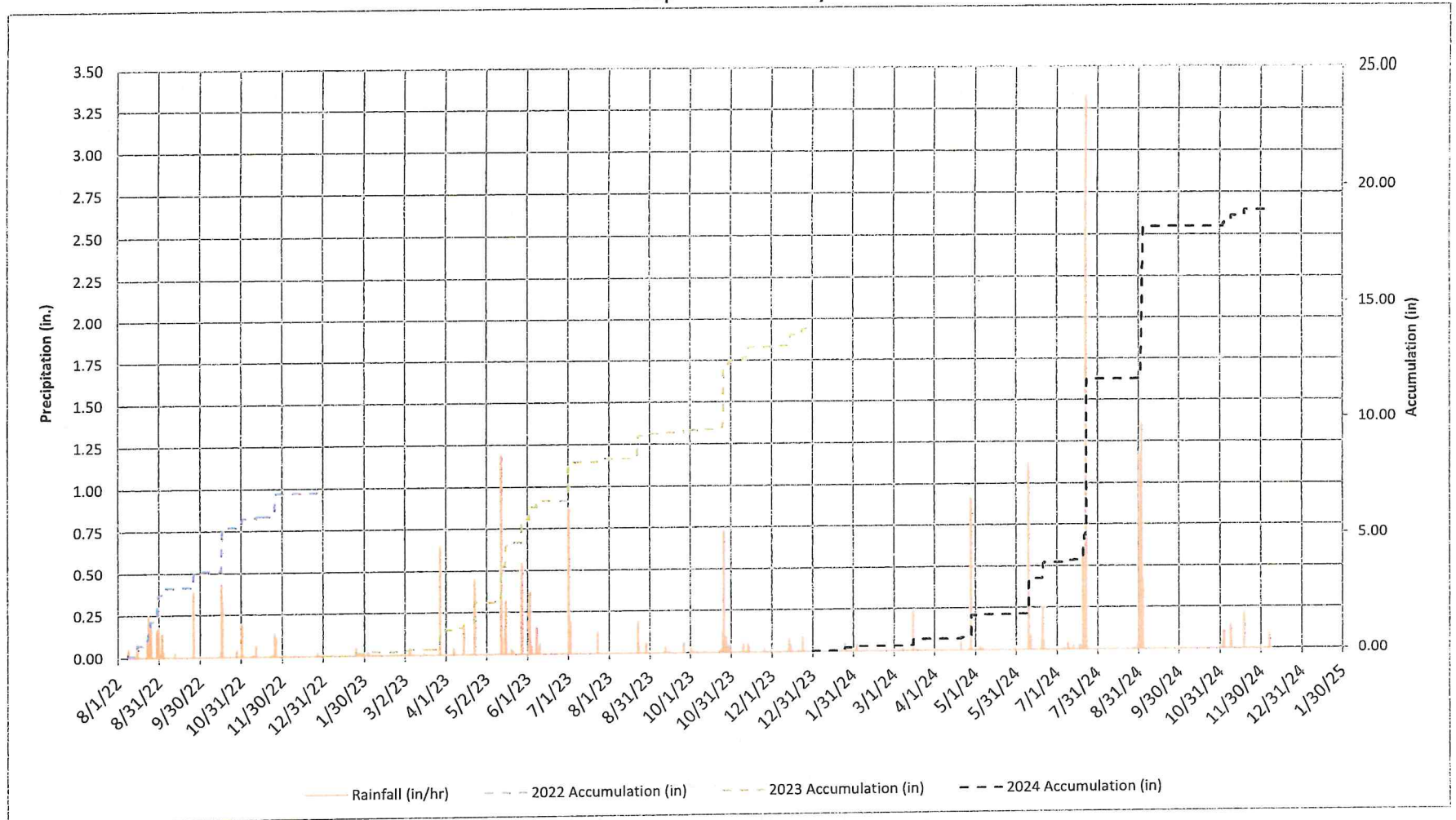
12/9/2024

Kinney County Groundwater Conservation District (Map # R-4)

Rain Gauge No. 5 (Val Verde Co.)

Measured Rainfall (inches)

Reported Hourly



PRELIMINARY

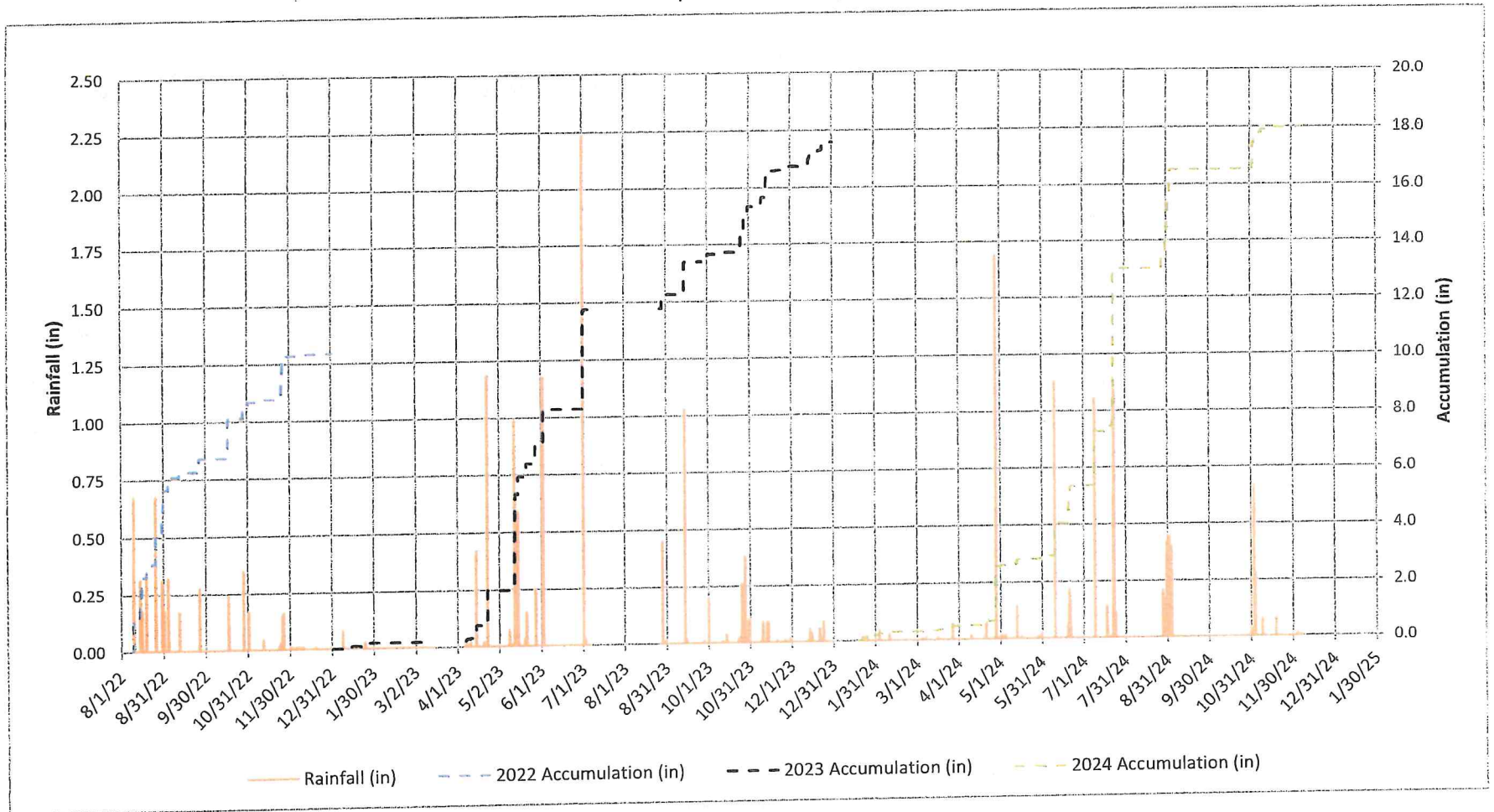
12/9/2024

Kinney County Groundwater Conservation District (Map R-5)

#172 Rain Guage No. 6

Measured Rainfall (inches)

Reported Hourly



PRELIMINARY

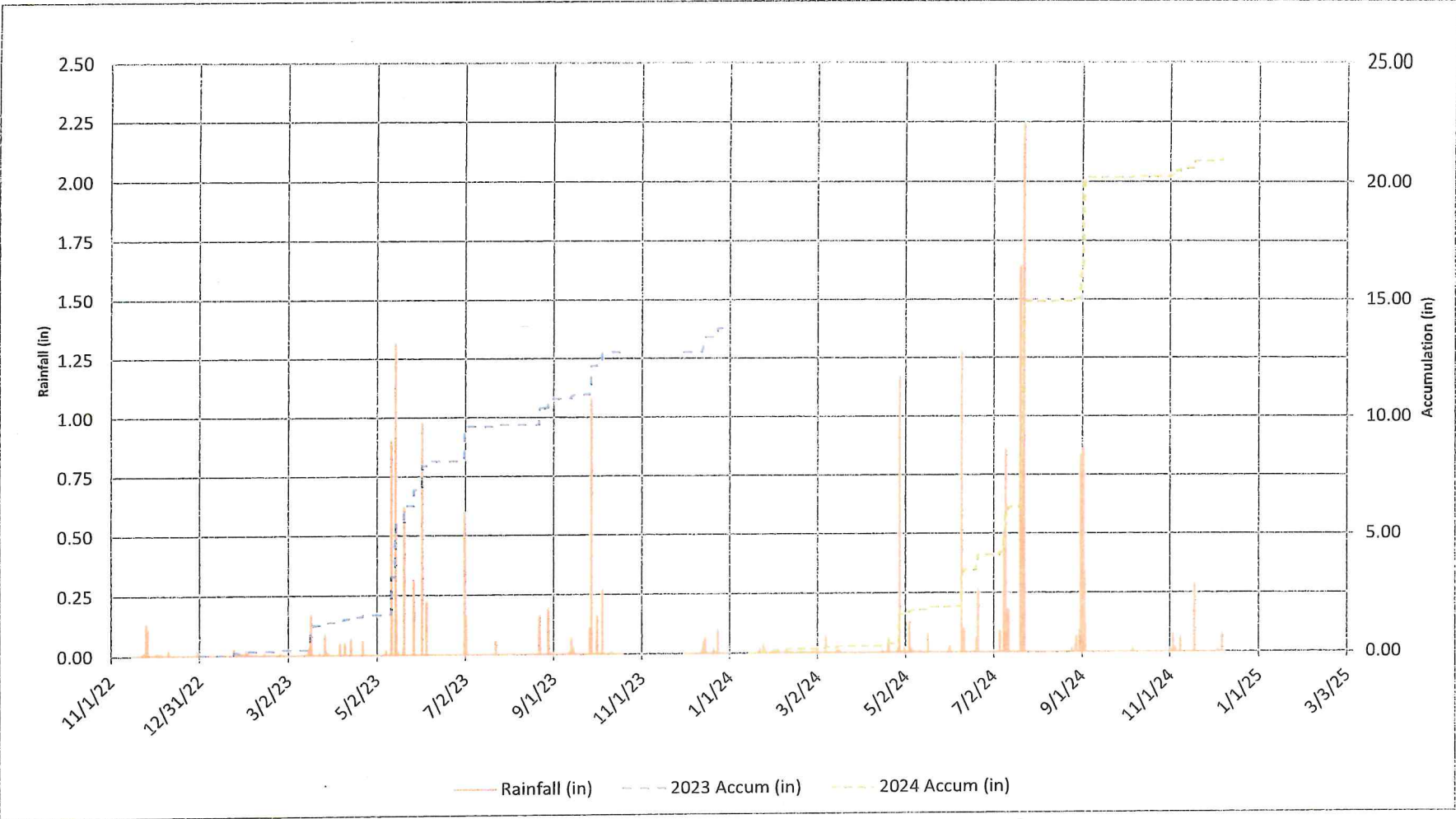
12/9/2024

Kinney County Groundwater Conservation District (Map #R-6)

Rain Gauge No. 7 (Edwards Co.)

Measured Rainfall (inches)

Reported Hourly



PRELIMINARY

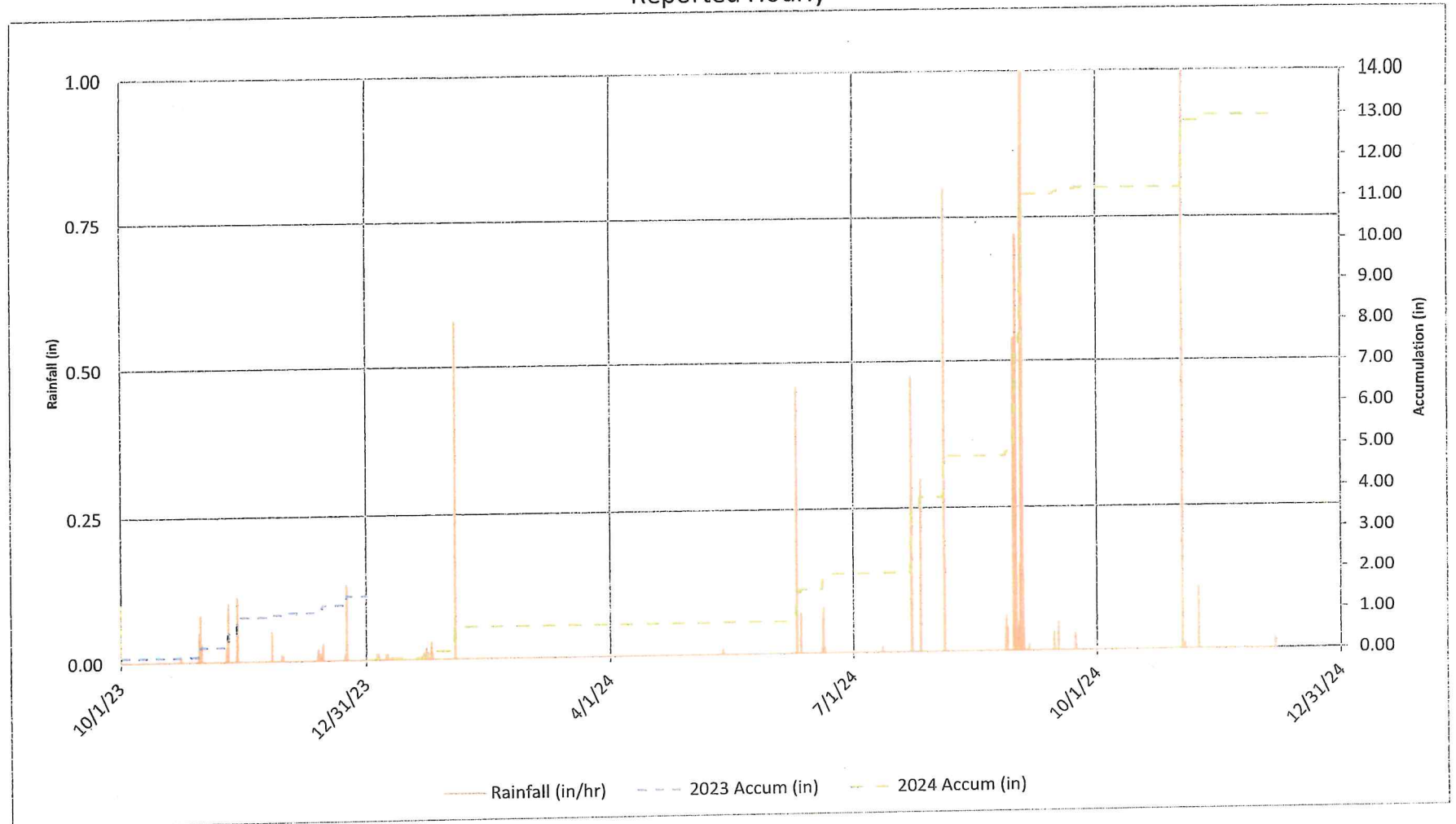
12/9/2024

Kinney County Groundwater Conservation District (Map R-7)

Pinto Creek Rain Gauge No. 8

Measured Rainfall (inches)

Reported Hourly



PRELIMINARY

12/9/2024

Kinney County Groundwater Conservation District (Map R-8)