

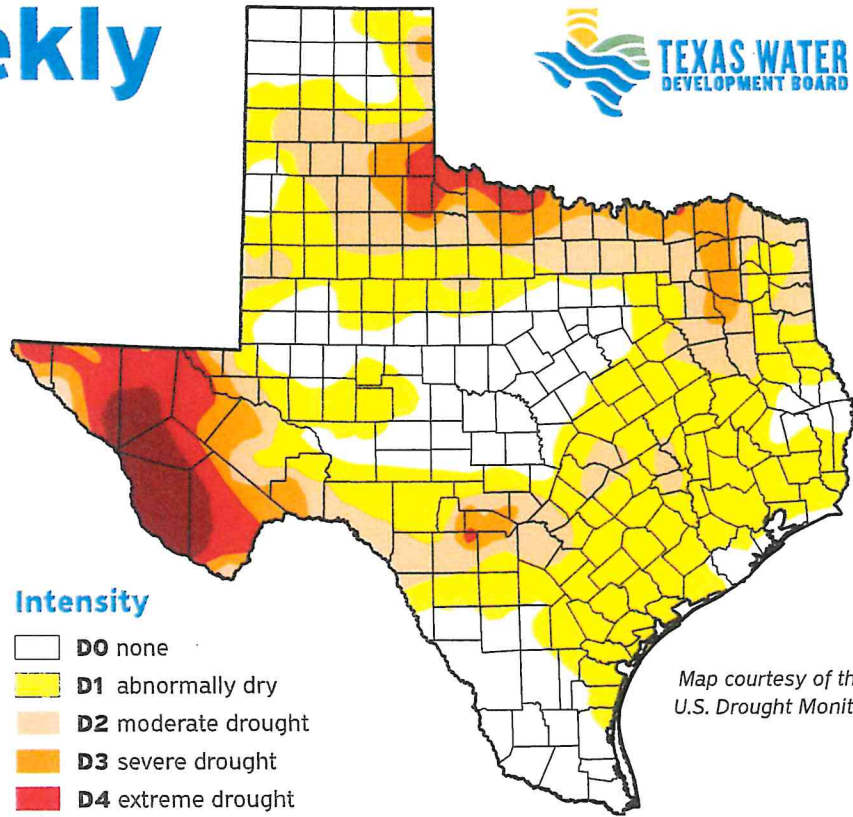
Water Weekly

For the week of 10/07/24



Water conditions

The latest drought map for conditions as of October 1 shows a small increase in drought. More ominously, the area of the state considered abnormally dry (and susceptible to drought in the next few weeks) jumped from 30 percent last week to 40 percent this week.



Map courtesy of the U.S. Drought Monitor

Drought conditions

- 34%** now
- 33%** a week ago
- 26%** three months ago
- 80%** a year ago

Intensity

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

Presidio County

Presidio County in West Texas has been experiencing exceptional drought periodically since the summer of 2020. Drought conditions abated somewhat during the summers of 2021 and 2023, but exceptional drought returned during the summer of 2024 and expanded to cover the entire county in the last week.

Presidio County (TX) percent area in U.S. Drought Monitor categories

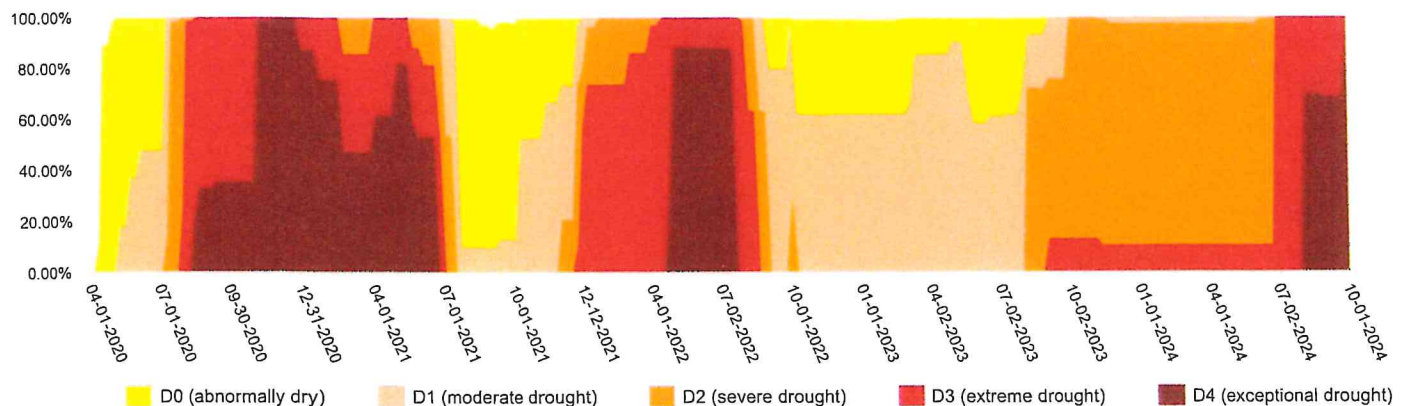


Chart courtesy of the U.S. Drought Monitor

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



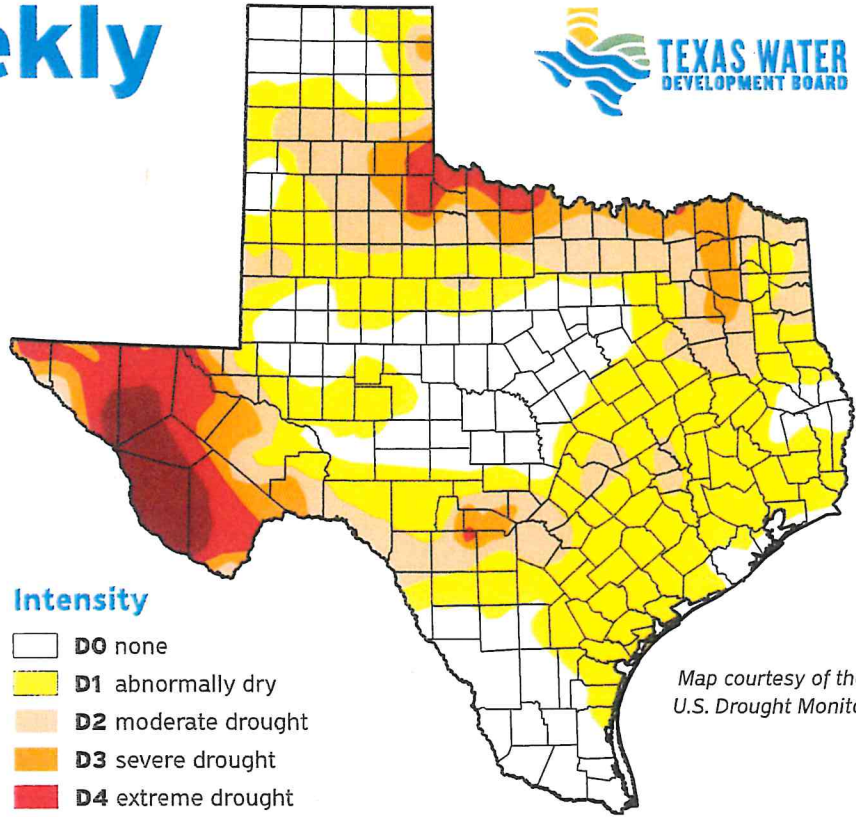
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Presidio County (TX) percent area in U.S. Drought Monitor categories

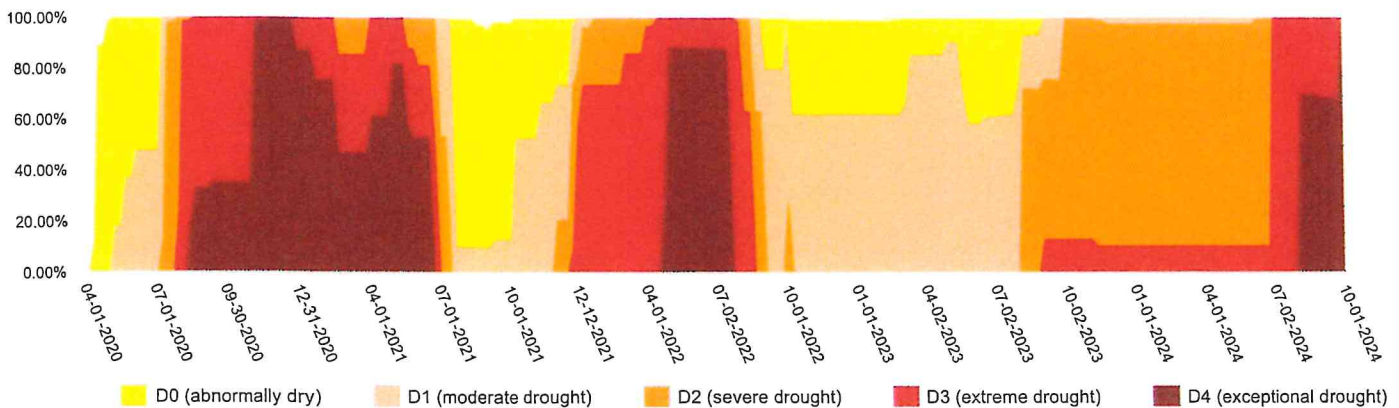


Chart courtesy of the U.S. Drought Monitor

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Kinney County Groundwater

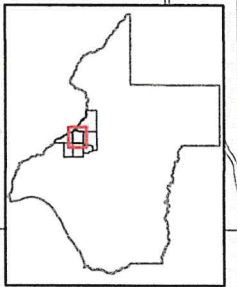
Conservation District - Monitoring Network

Automated Water Monitoring Network Data Package

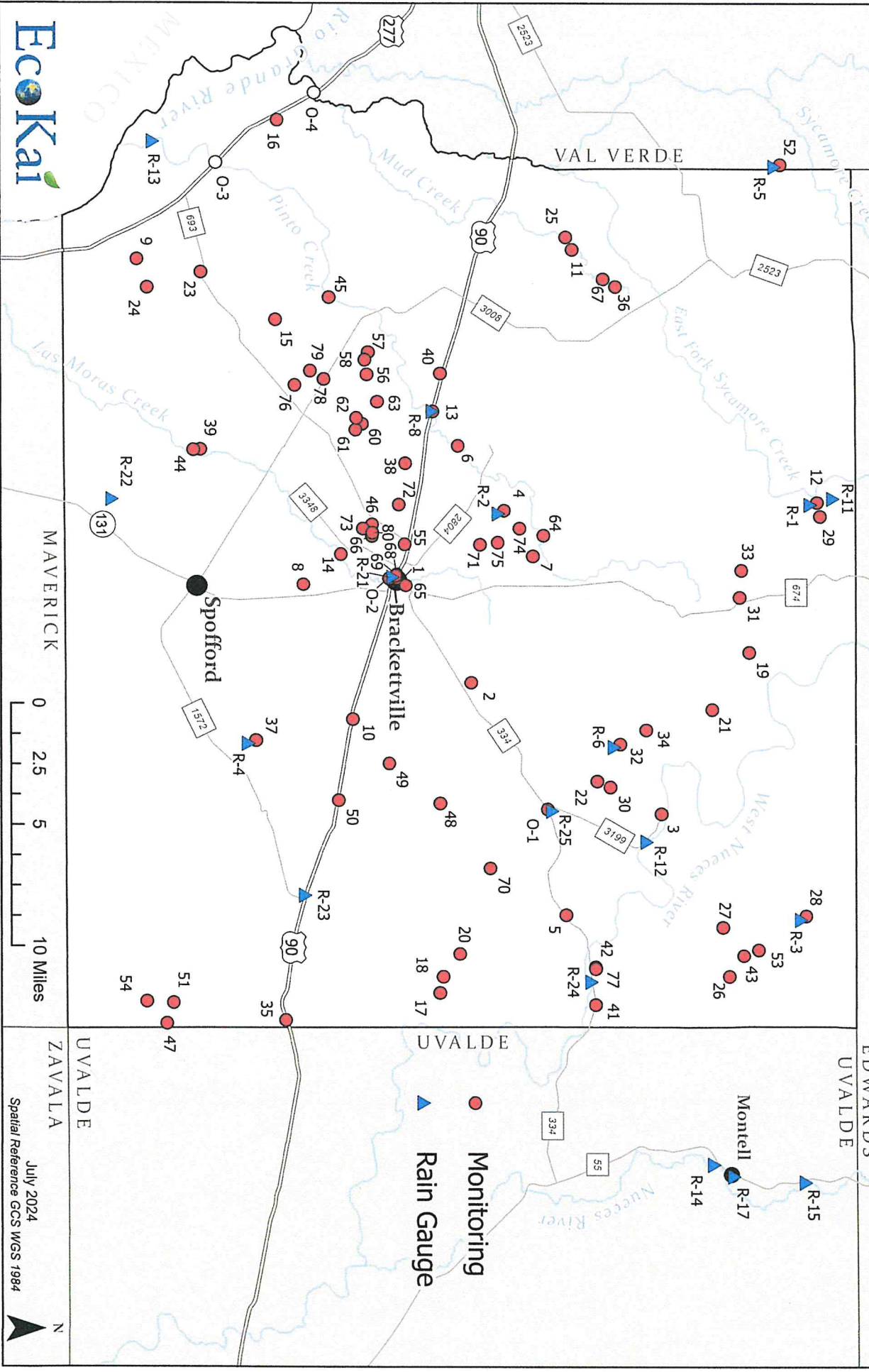
for

**Board of Directors Meeting
October 9, 2024
6:00 pm**

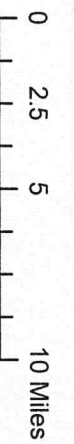
Prepared by
EcoKai Environmental, Inc
October 5, 2024



Kinney County Groundwater Conservation District Monitoring Network



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



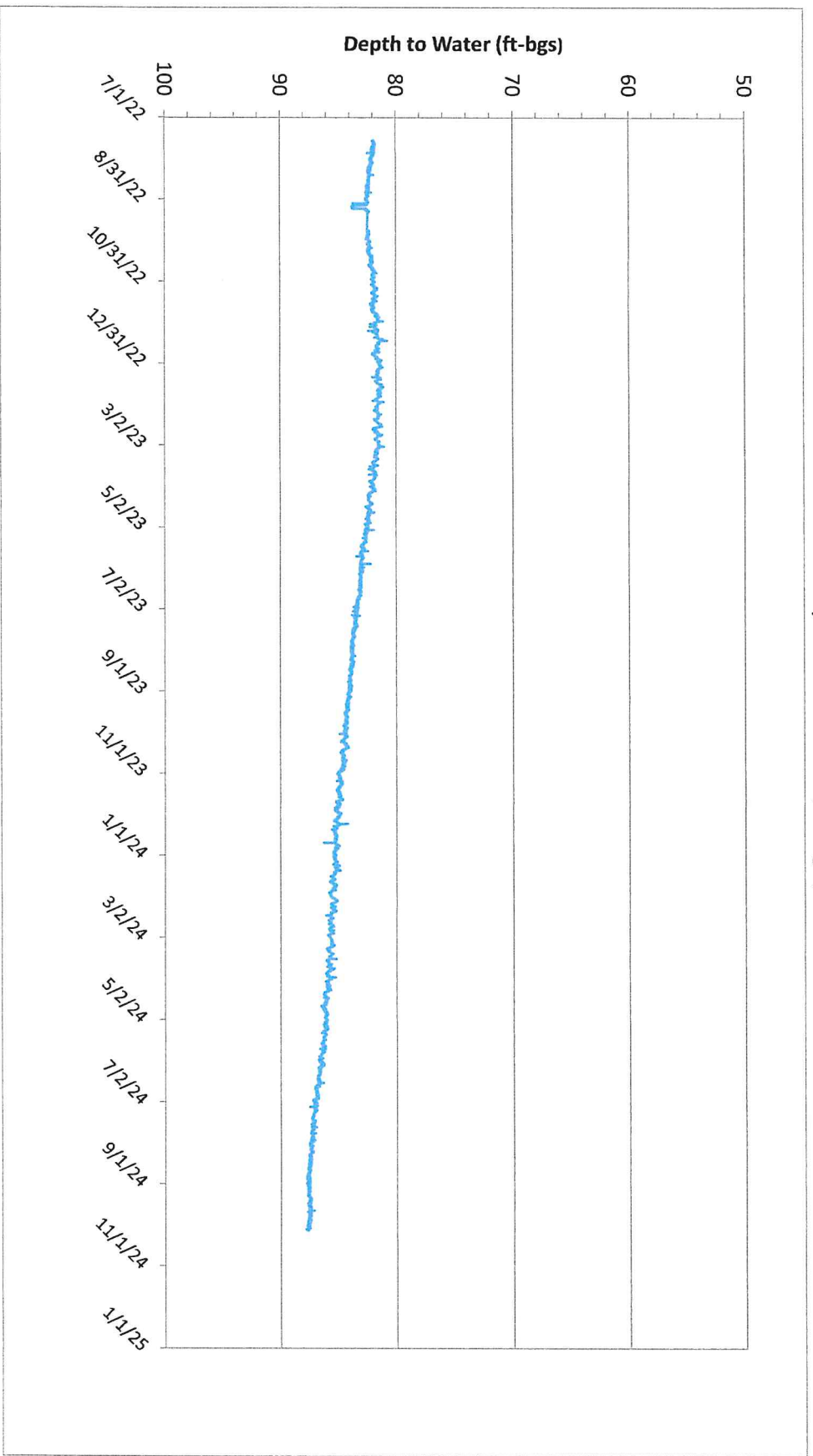
July 2024
Spatial Reference GCS WGS 1984



HWY Solar Well

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

Depth to Water (ft-bgs)

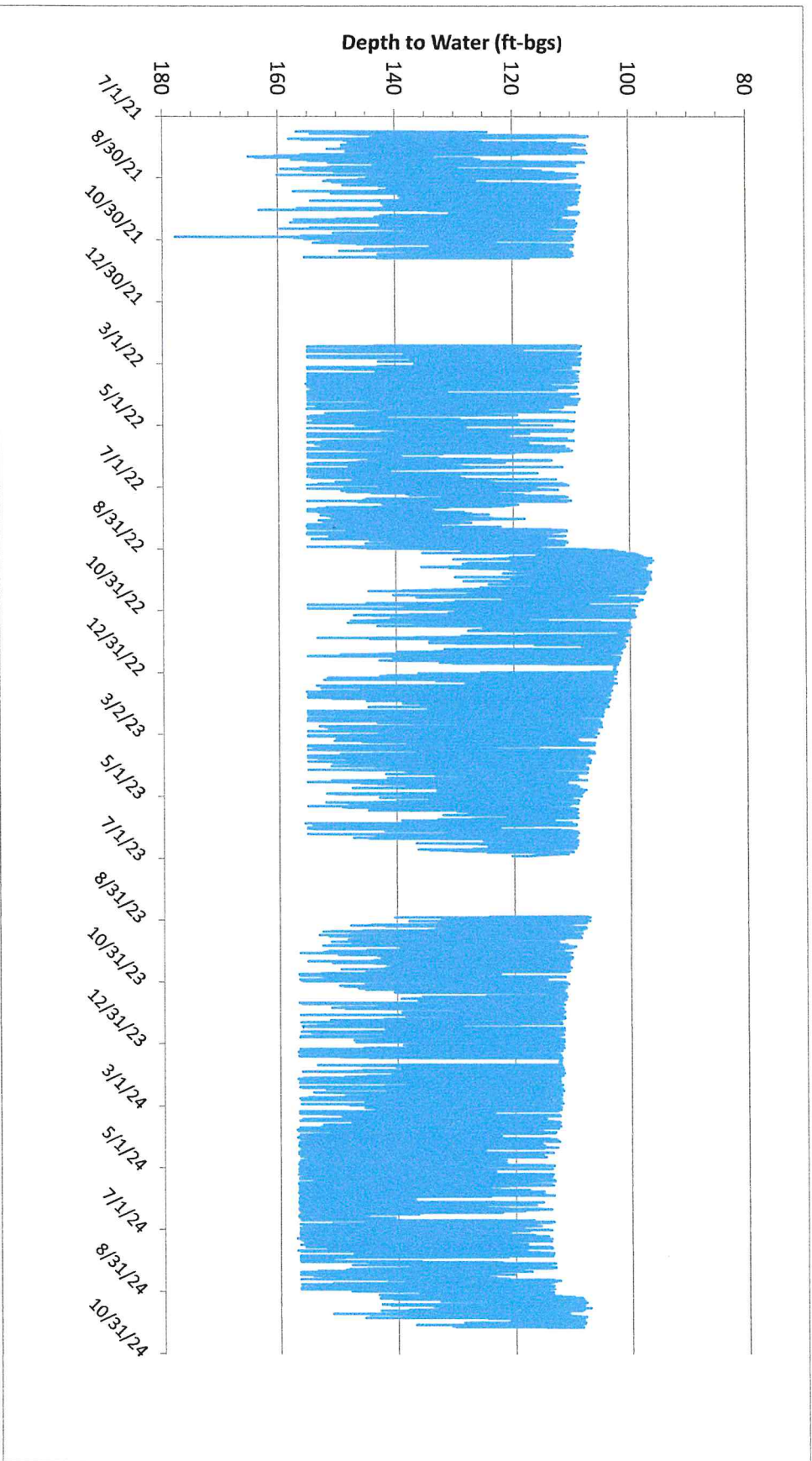


PRELIMINARY

North Mill Well

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

Depth to Water (ft-bgs)

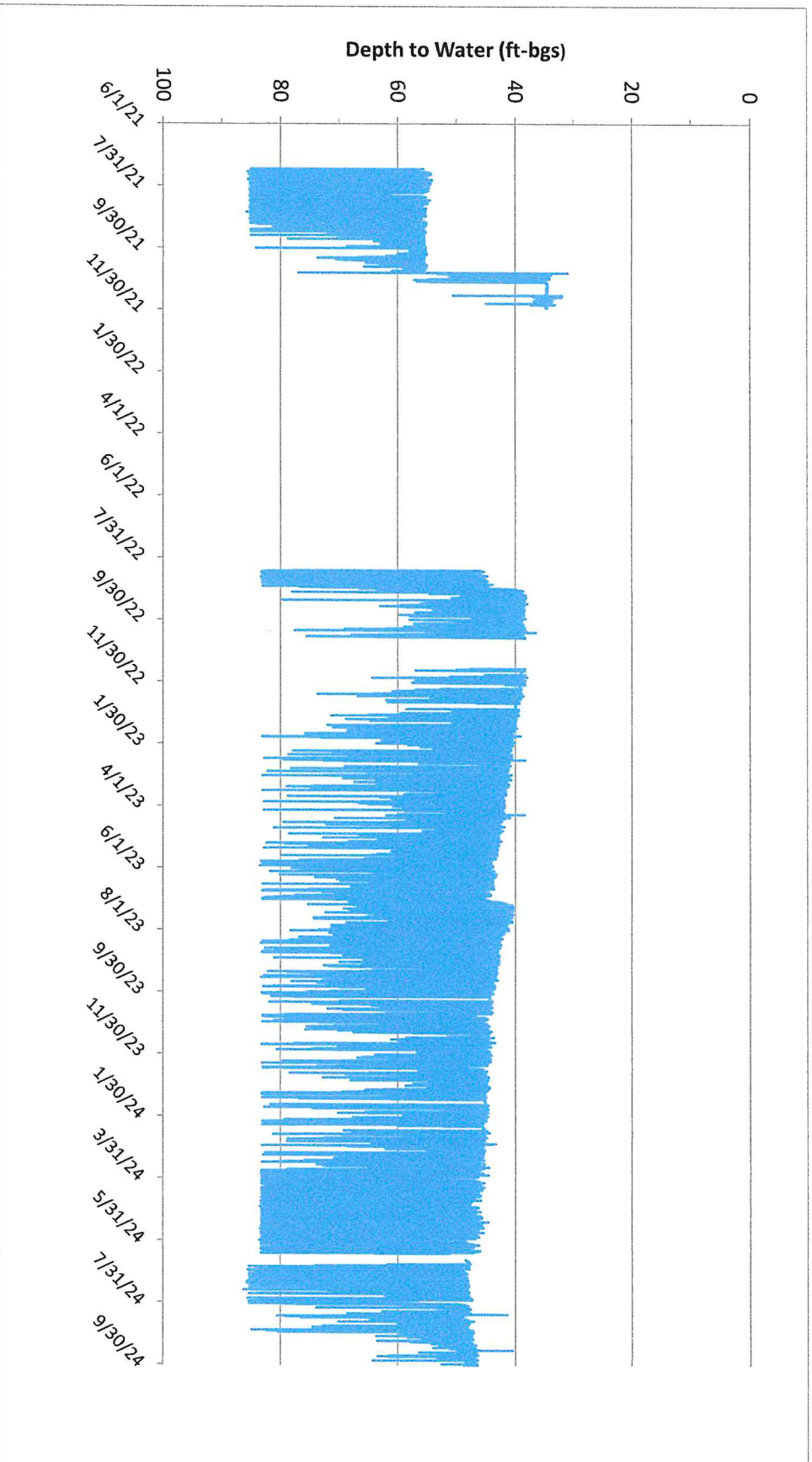


PRELIMINARY

3 - D Cattle Co. Shearing Barn

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

Depth to Water (ft-bgs)

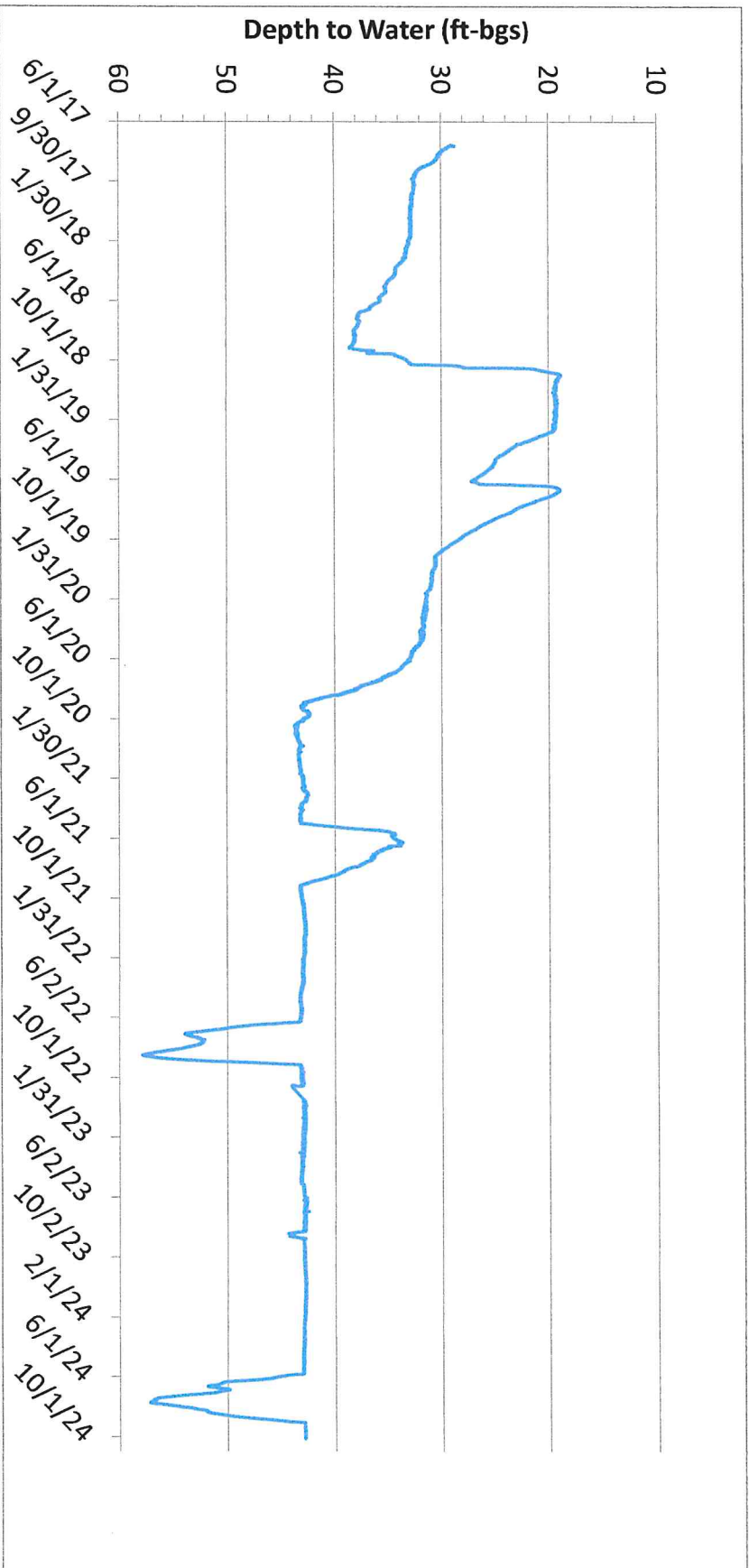


PRELIMINARY

Bader - Irrigation

TD ~ 300 ft, RP = 1108 ft-msl

Depth to Water (ft-bgs)

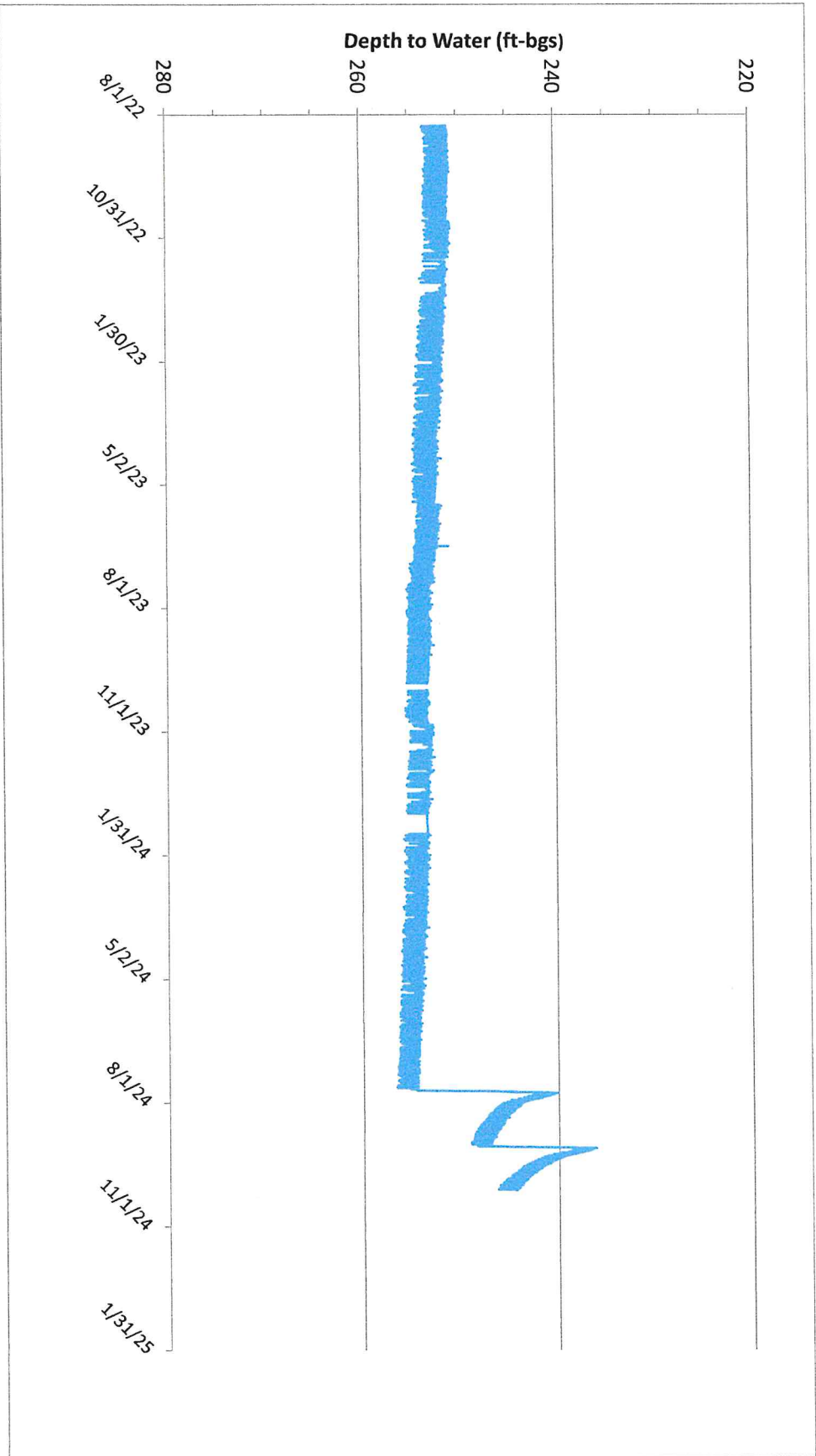


PRELIMINARY

House Pasture Well (Val Verde Co.)

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

Depth to Water (ft-bgs)

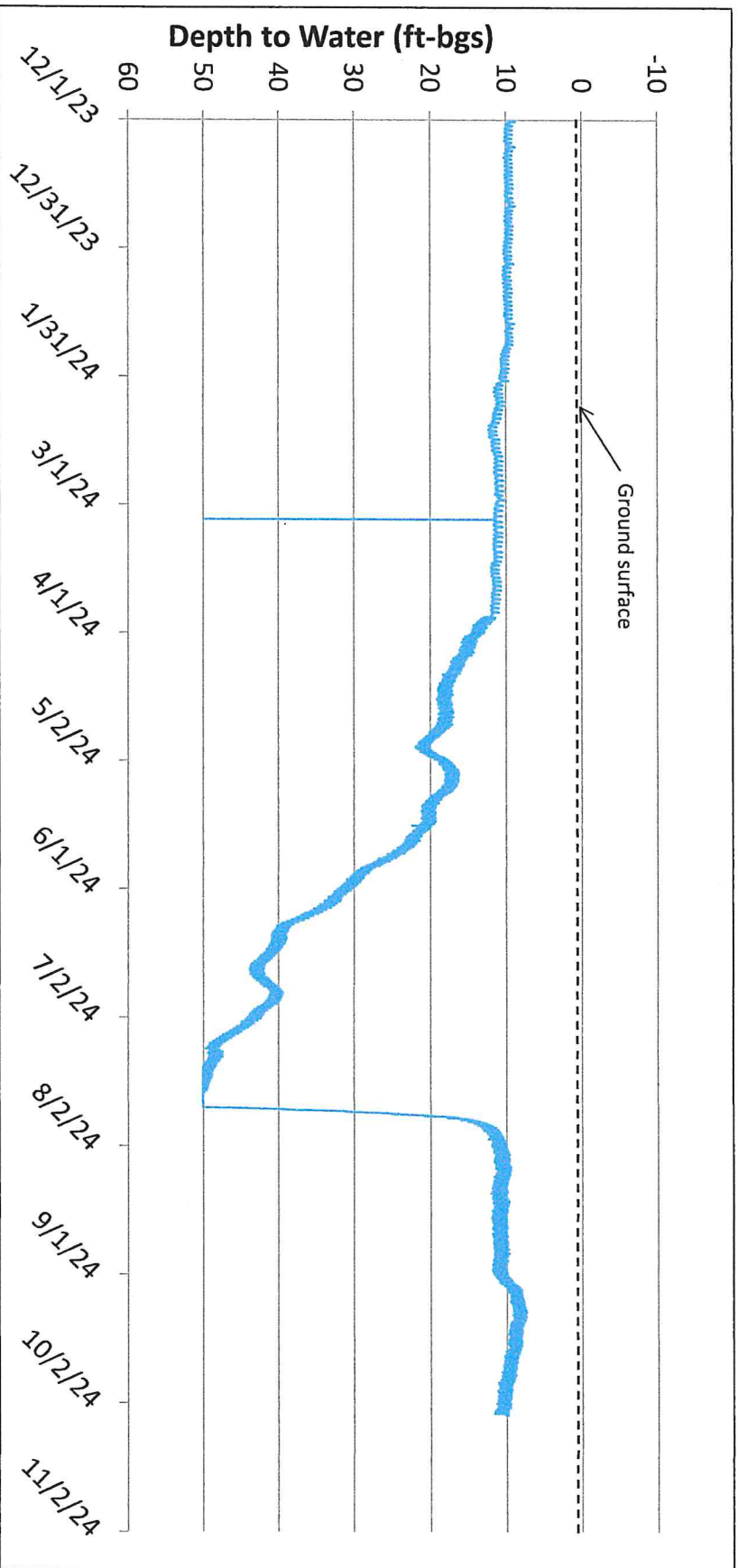


PRELIMINARY

City Well No. 1

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

Depth to Water (ft-bgs)



PRELIMINARY

City Well No. 2

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

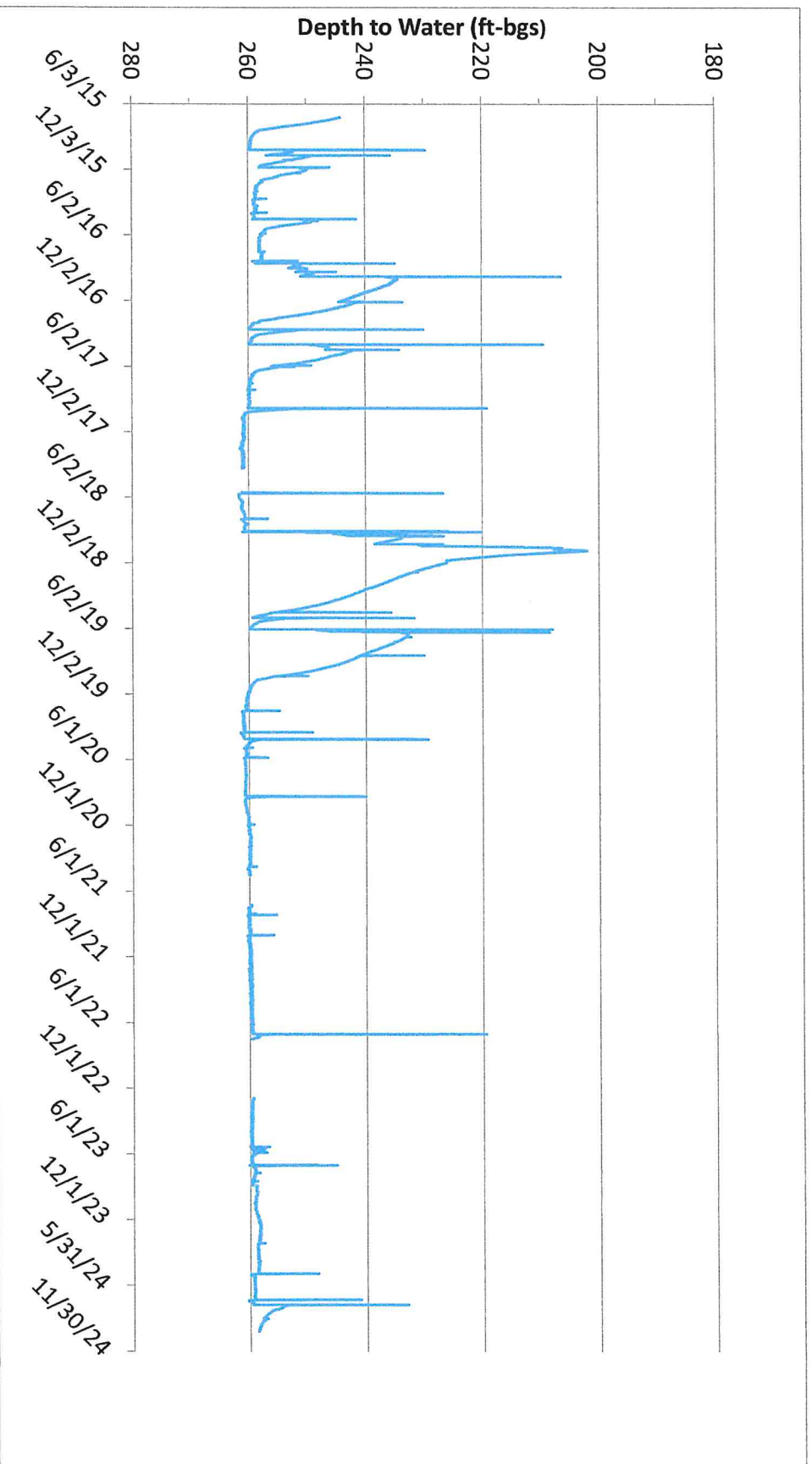
Depth to Water (ft-bgs)



Big Mill Well

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

Depth to Water (ft-bgs)

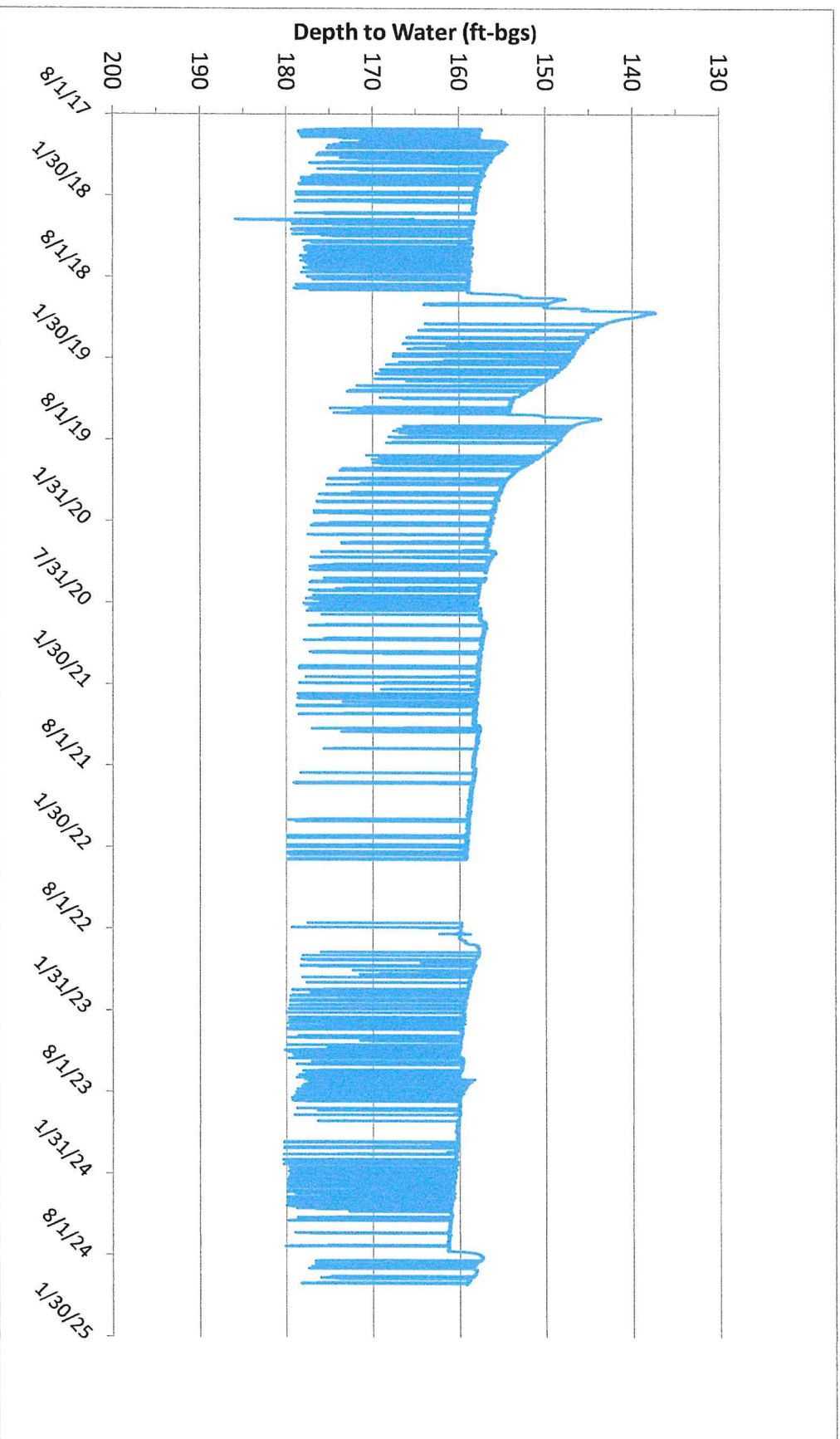


PRELIMINARY

Davis Ranch - Red/Solar Mill

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

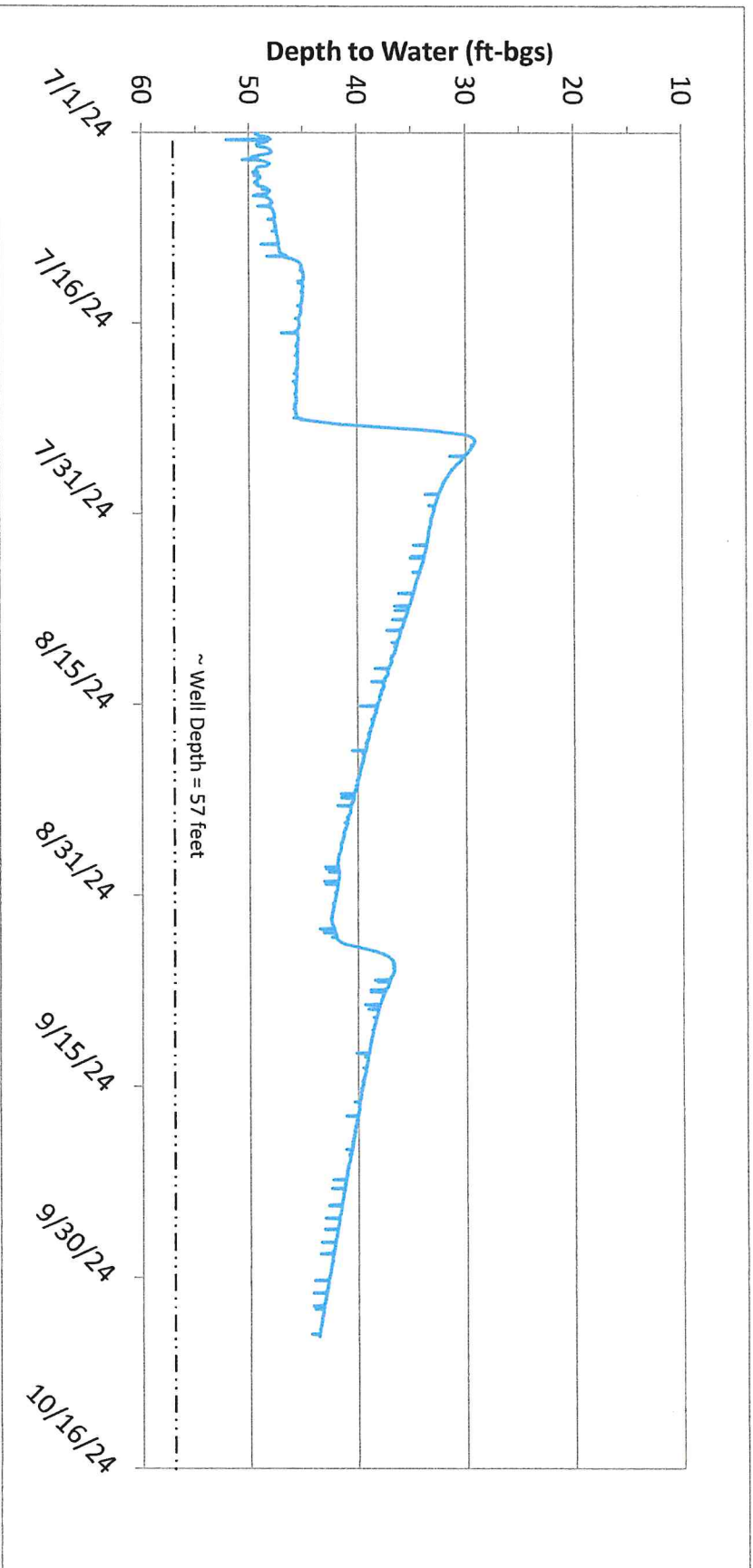
Depth to Water (ft-bgs)



D.G House Well

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

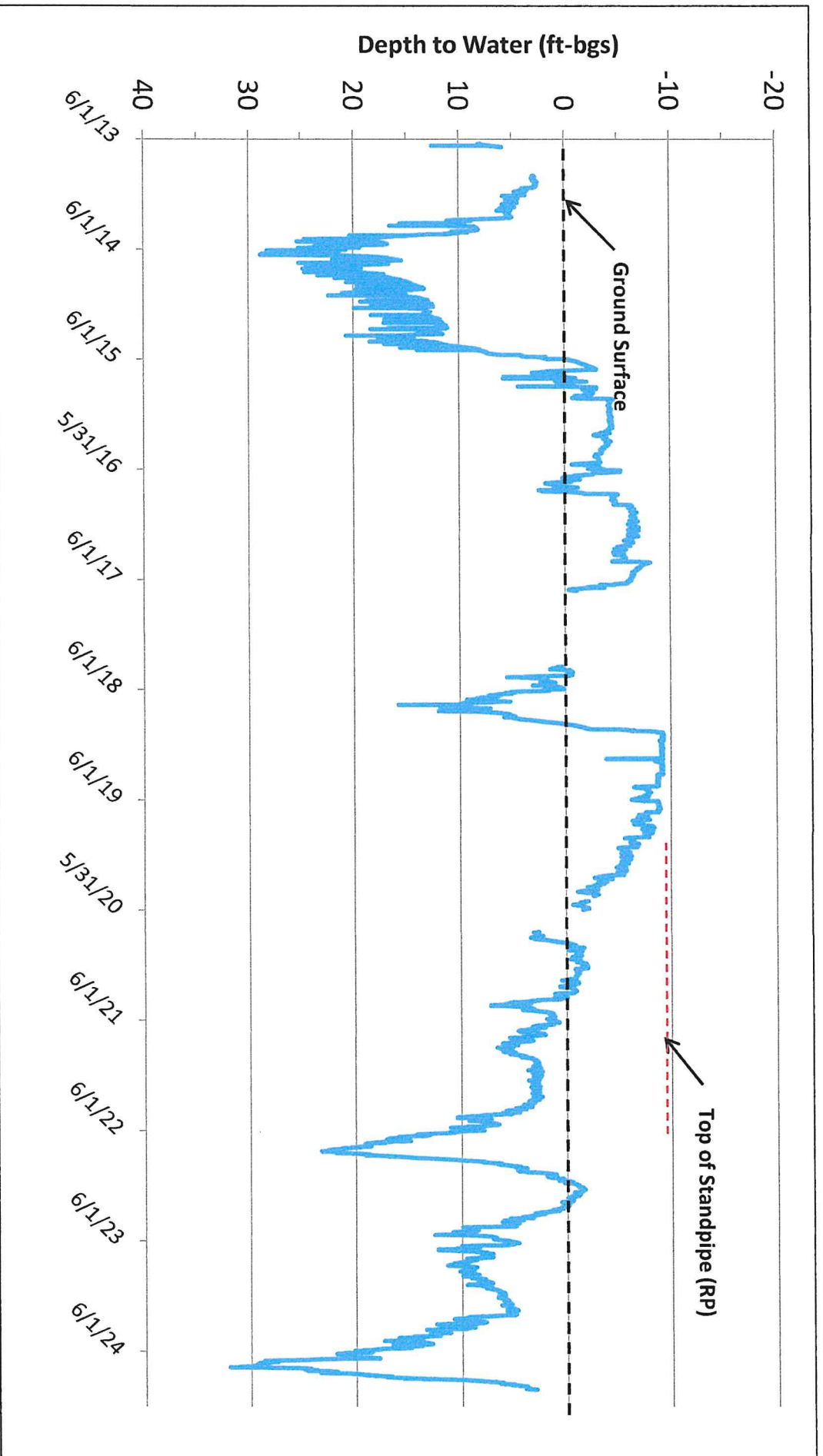
Depth to Water (ft-bgs)



PRELIMINARY

Dooley Well

TD = 1112 ft, RP = 1183 ft-msl, TWDB No. 7037704
Depth to Water (ft- bgs)

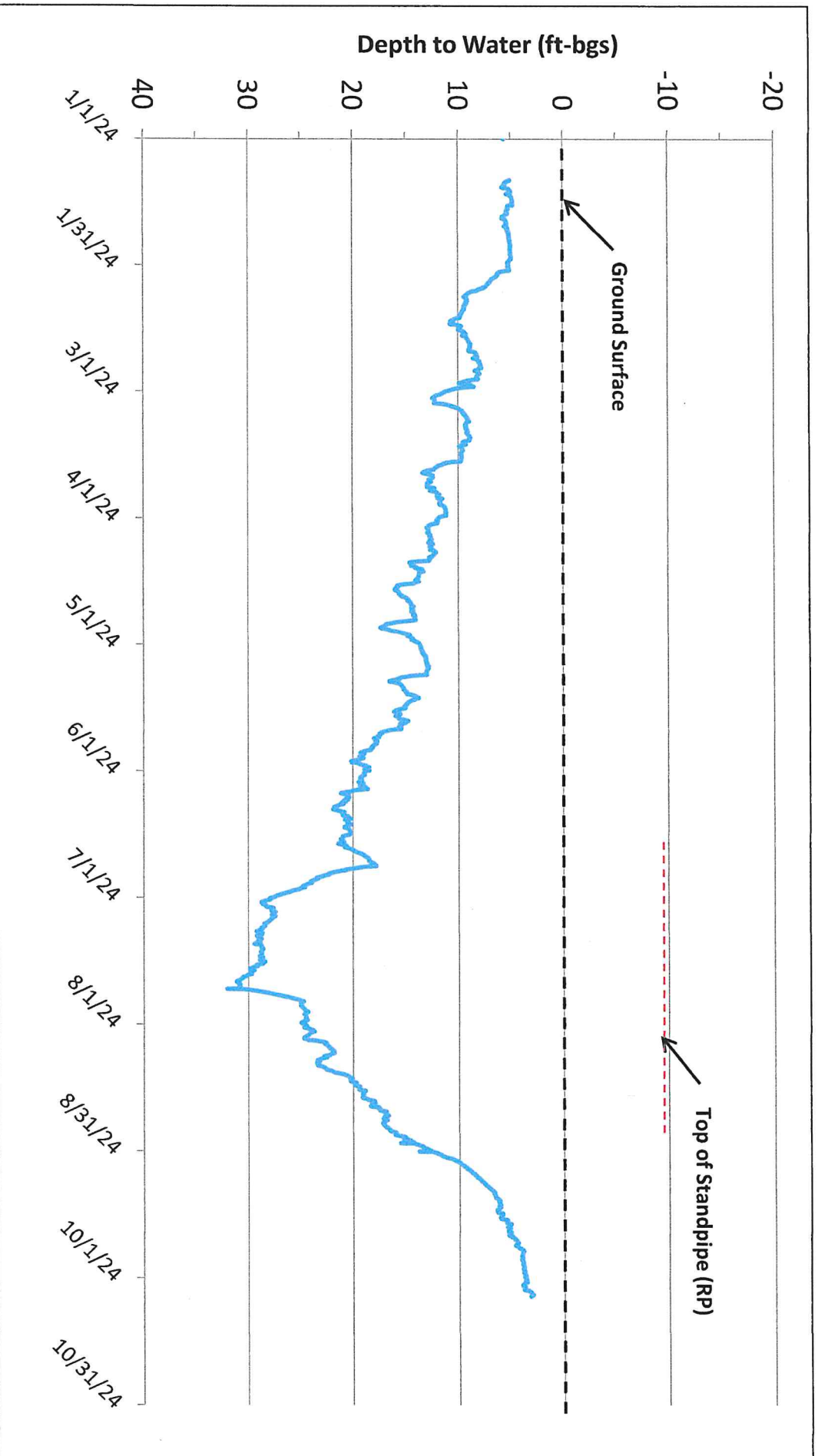


Doolley Well

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

Depth to Water (ft- bgs)

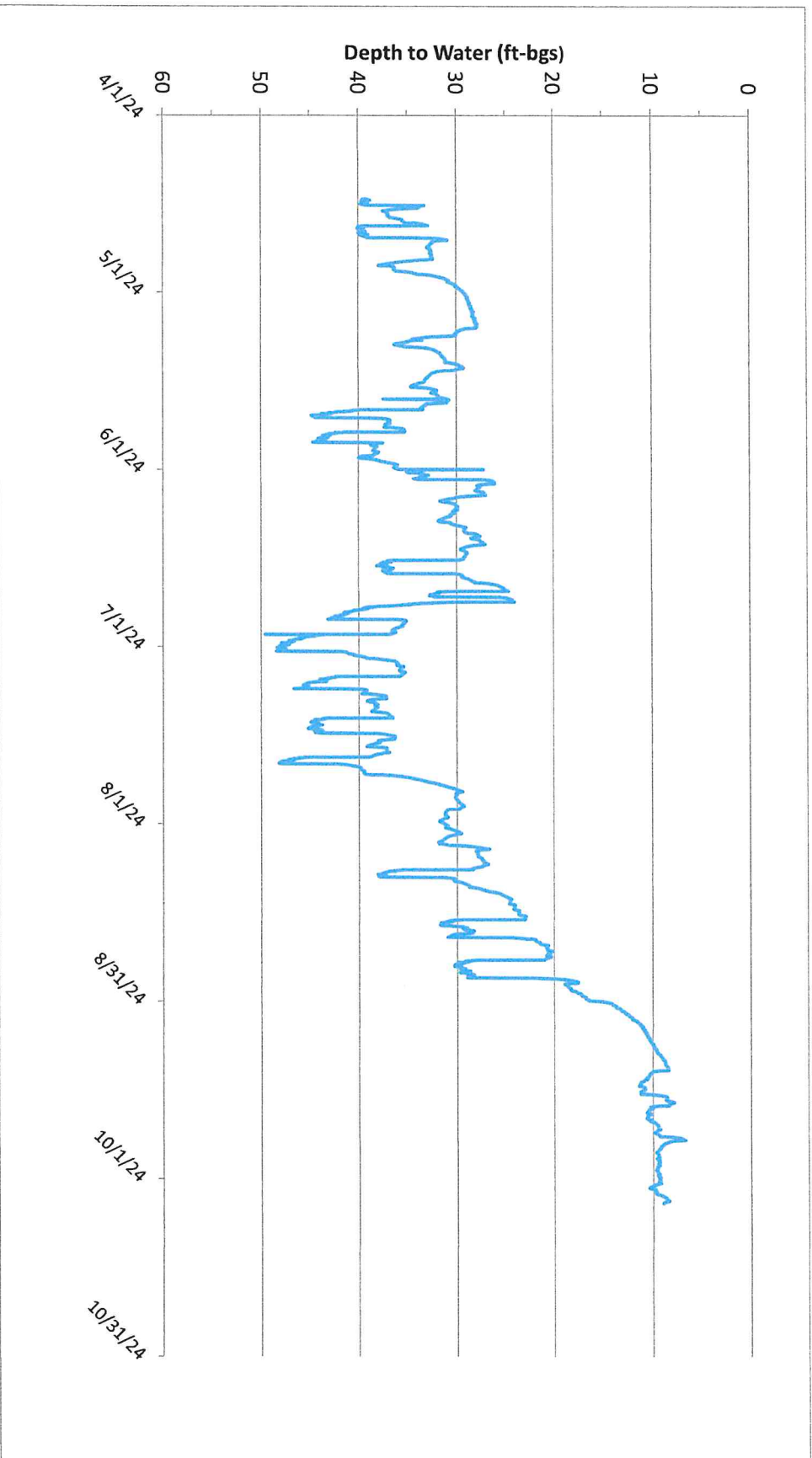
Year to Date



Permitted Well EH2B-01

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

Depth to Water (ft-bgs)

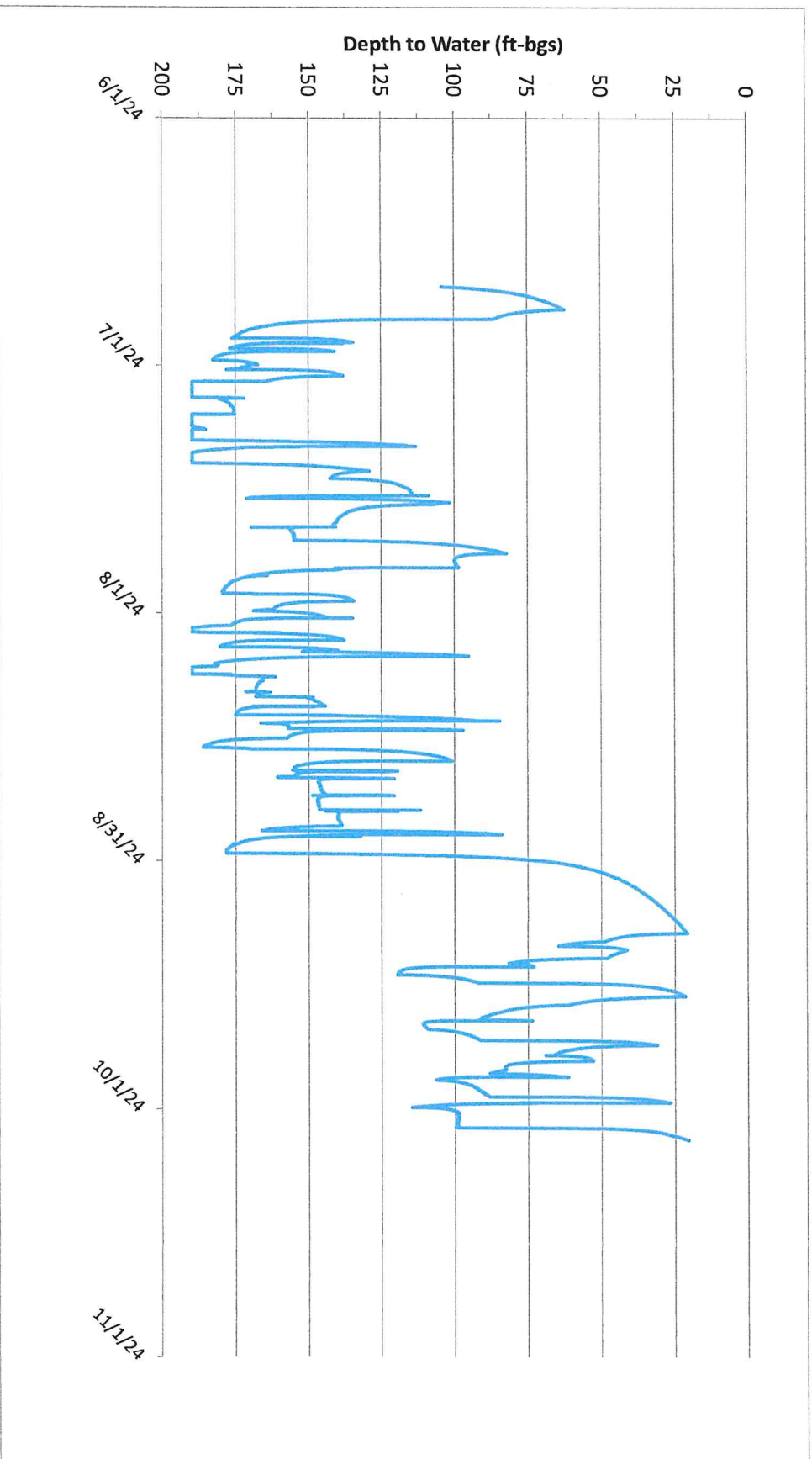


PRELIMINARY

Permitted Well EH03B-09

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

Depth to Water (ft-bgs)

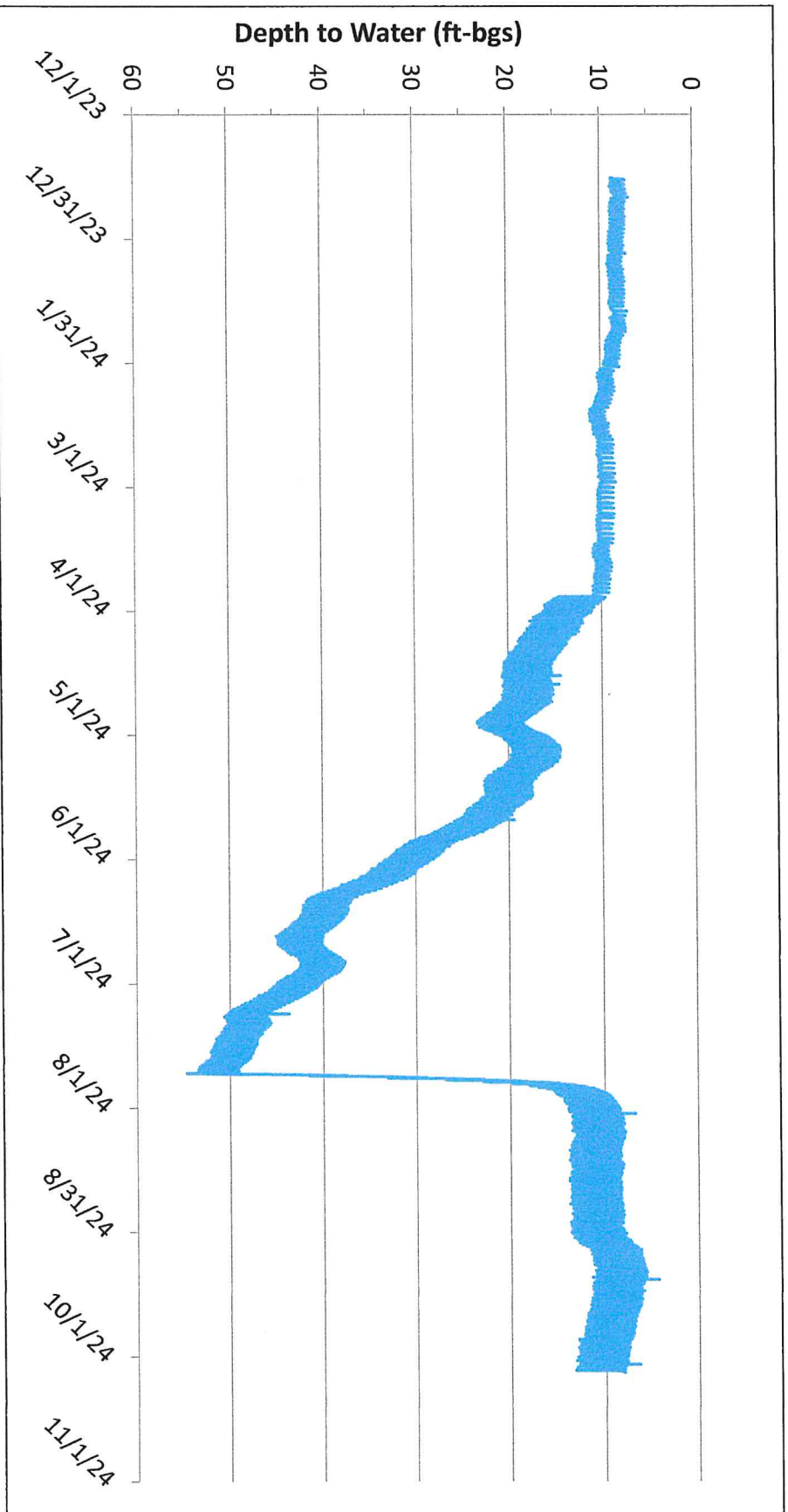


PRELIMINARY

FCS Mud Well No. 2 (EH14-02)

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

Depth to Water (ft-bgs)

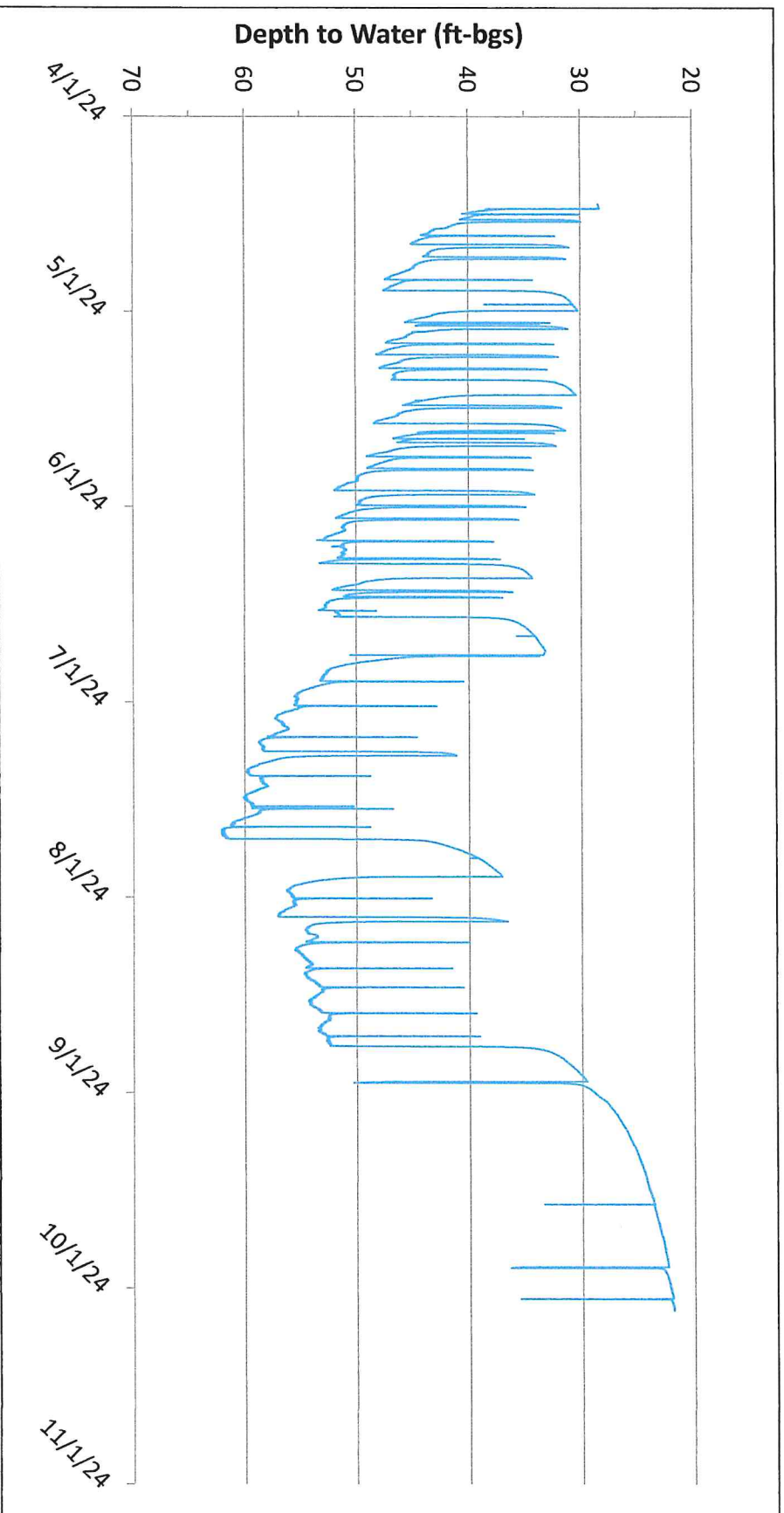


PRELIMINARY

Permitted Well EH20-02

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

Depth to Water (ft-bgs)

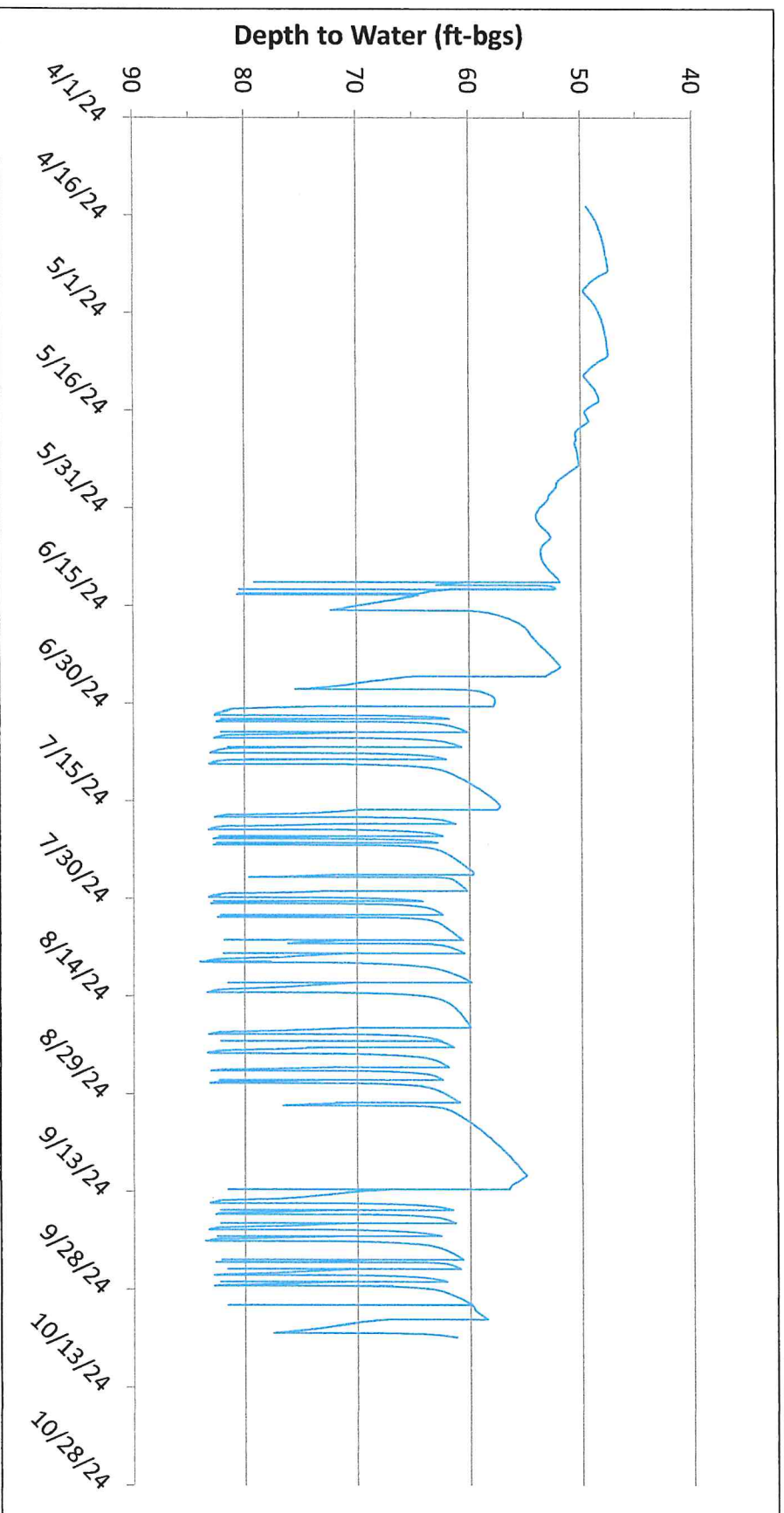


PRELIMINARY

Permitted Well EH38-03

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

Depth to Water (ft-bgs)

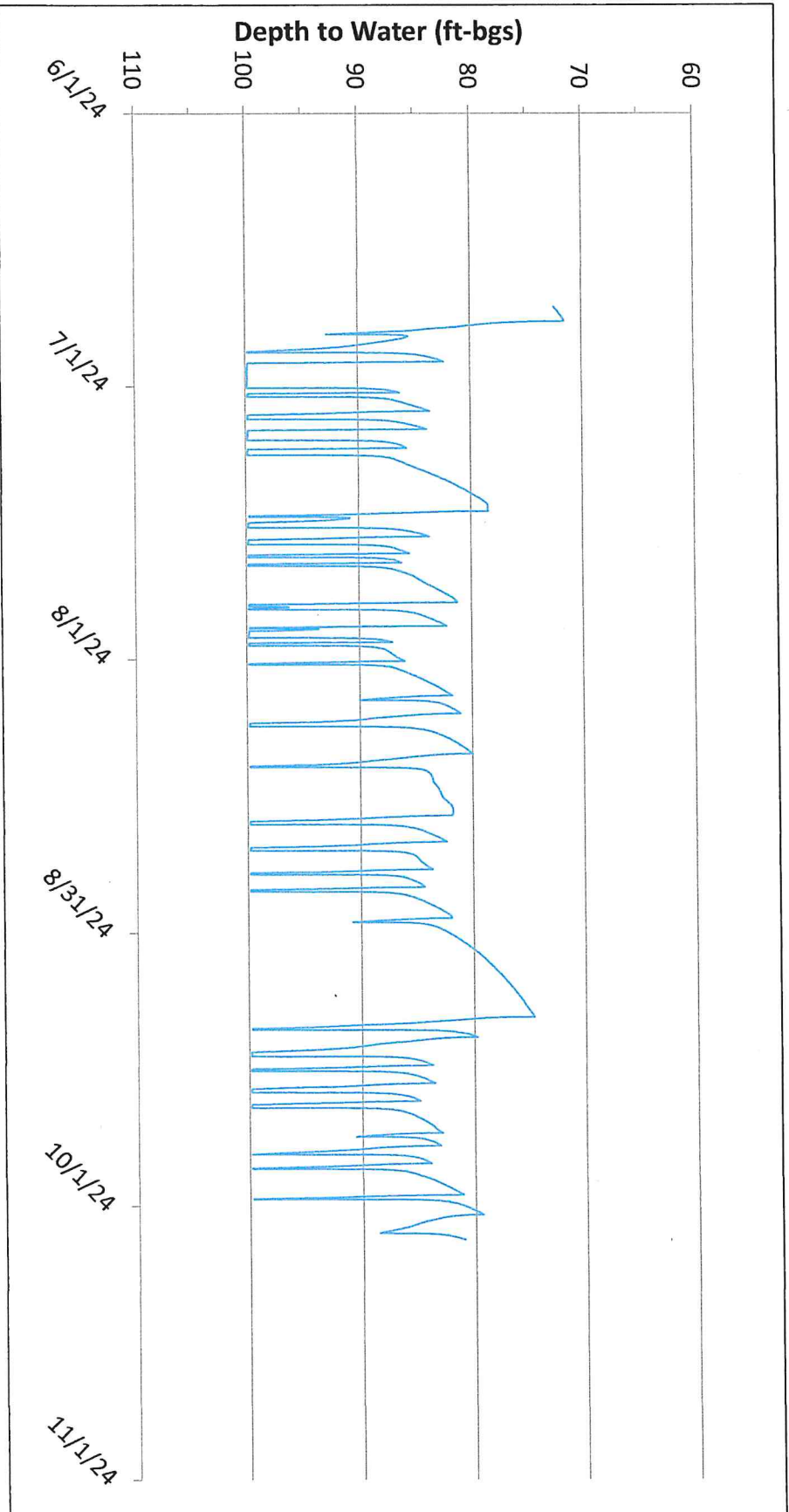


PRELIMINARY

Permitted Well EH38-04

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

Depth to Water (ft-bgs)

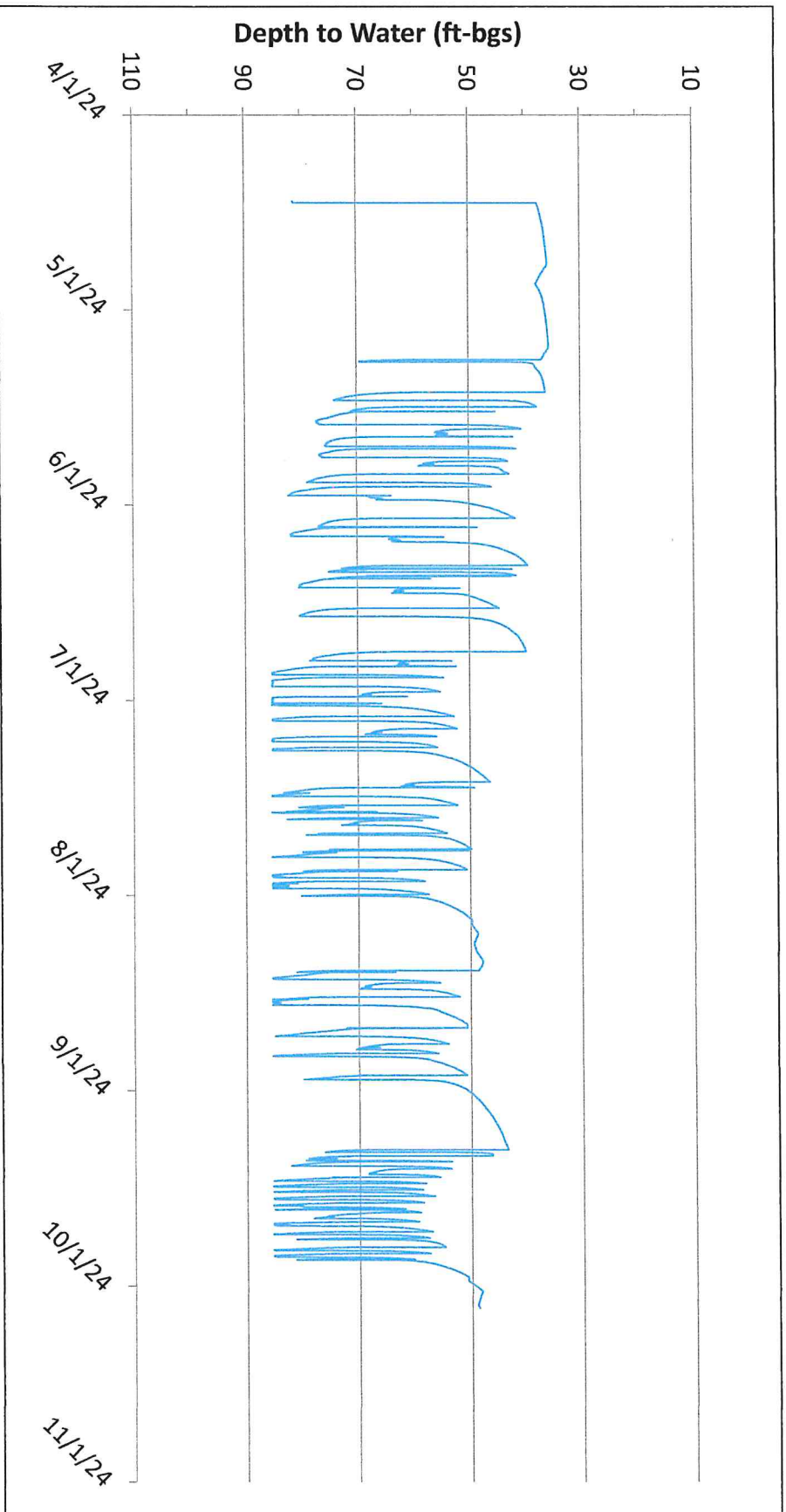


PRELIMINARY

Permitted Well EH38-06 (North DBL Well)

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

Depth to Water (ft-bgs)

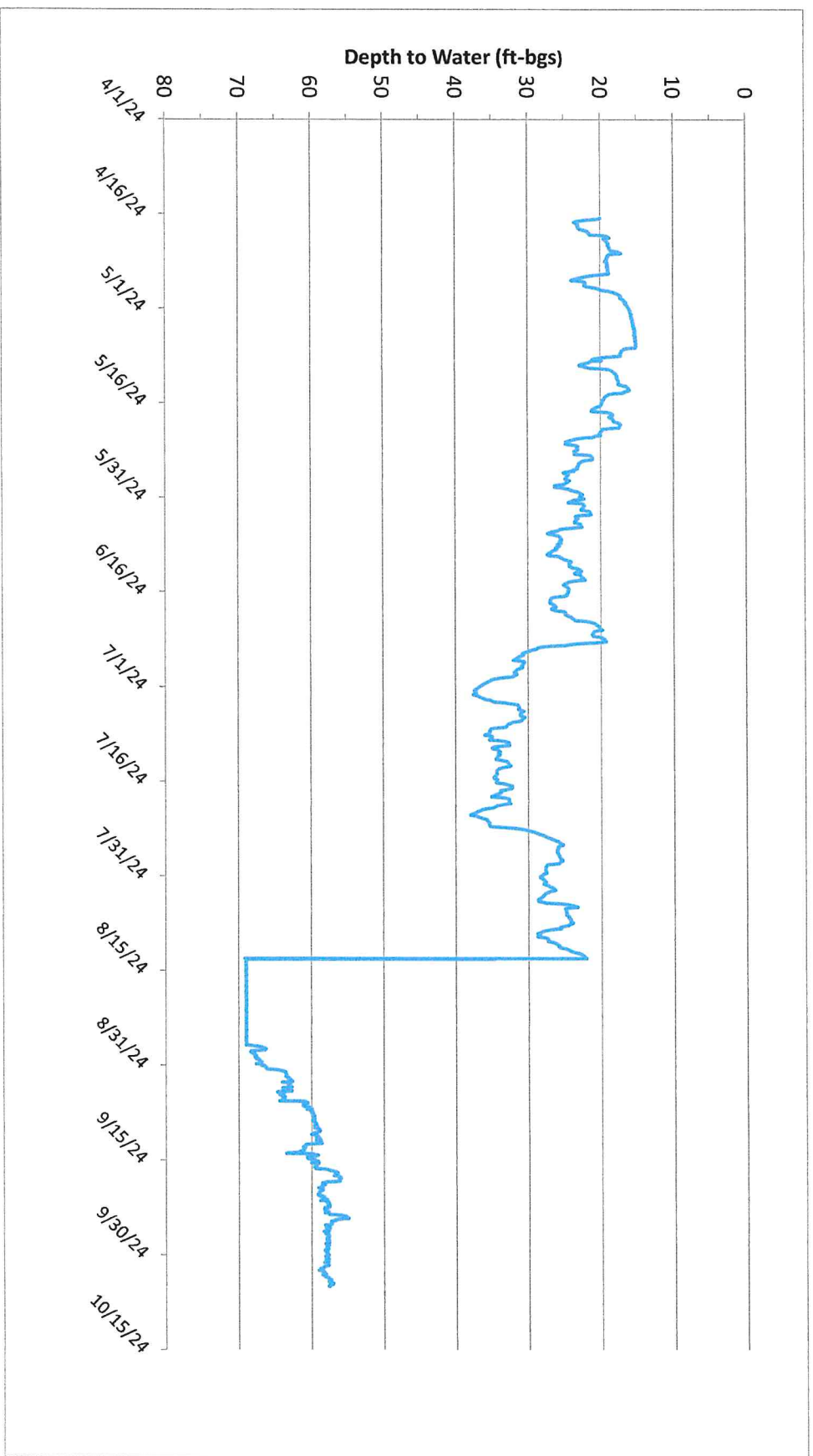


PRELIMINARY

Elm Creek Basin Monitoring Well

TD > 400 ft, RP = 1185 ft-msl

Depth to Water (ft-bgs)

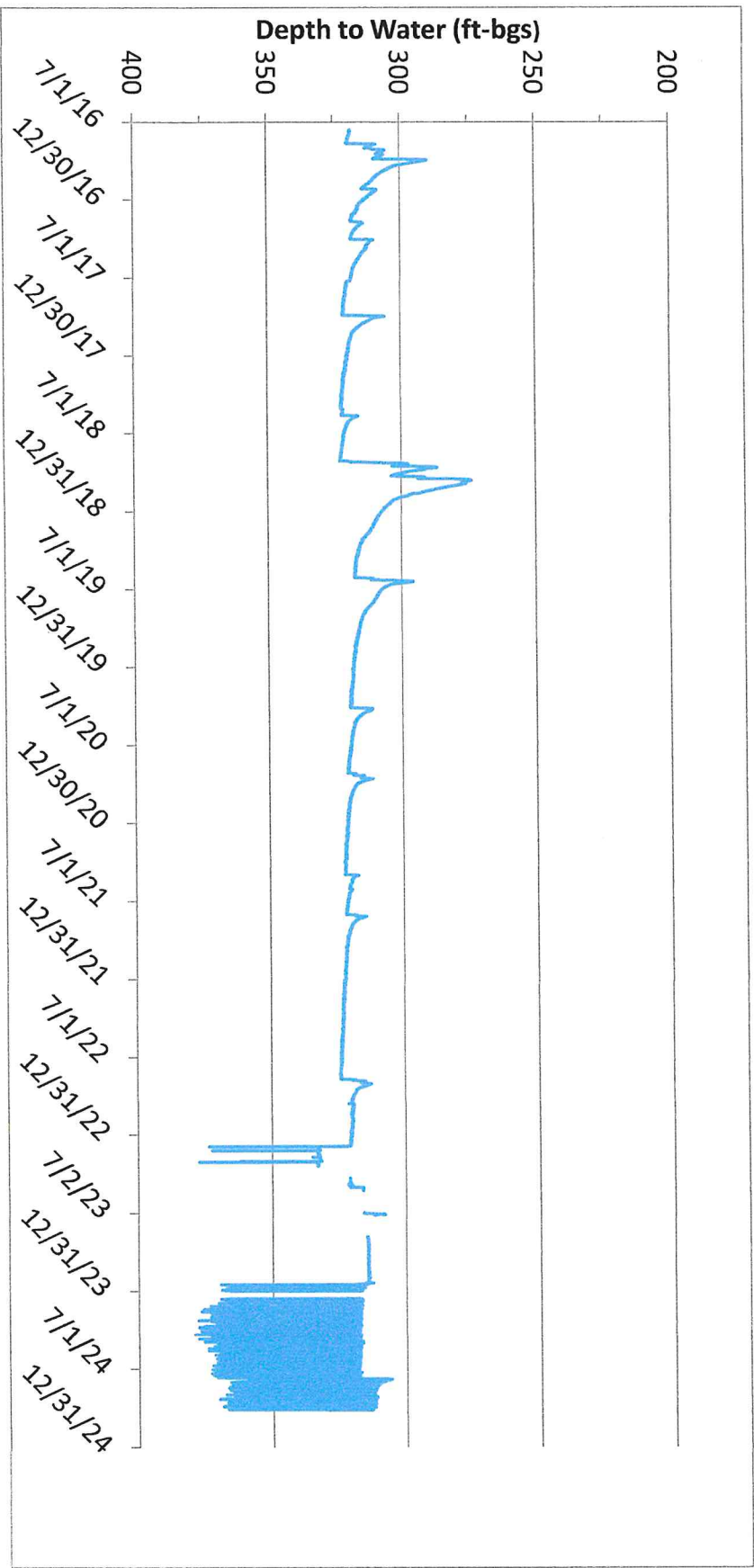


PRELIMINARY

Well # 172

TD = 500 ft, RP = 1629 ft-msl, EBFZ(o),

Depth to Water (ft-bgs)

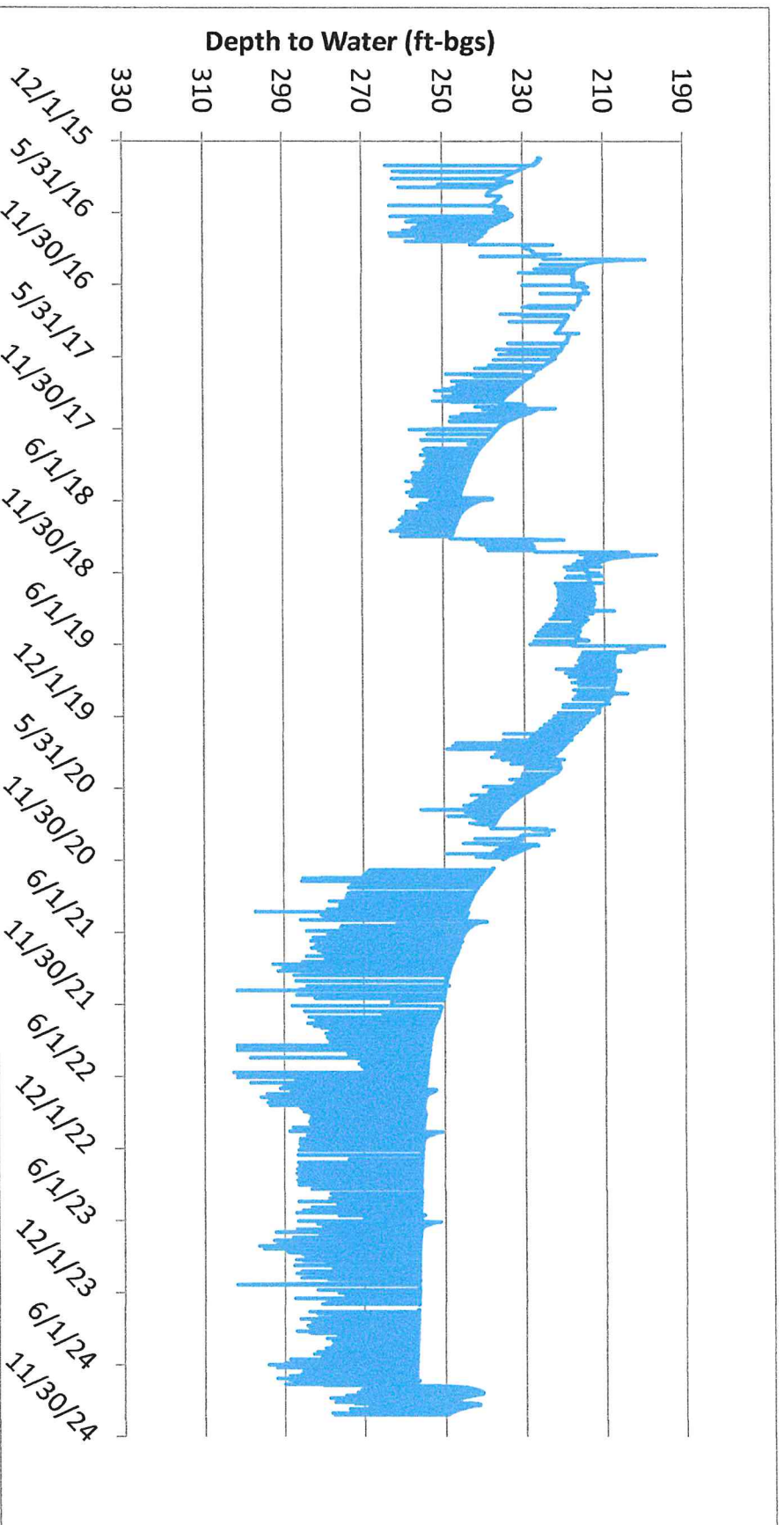


PRELIMINARY

Kickapoo Cavern State Park (Crownover)

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

Depth to Water (ft-bgs)

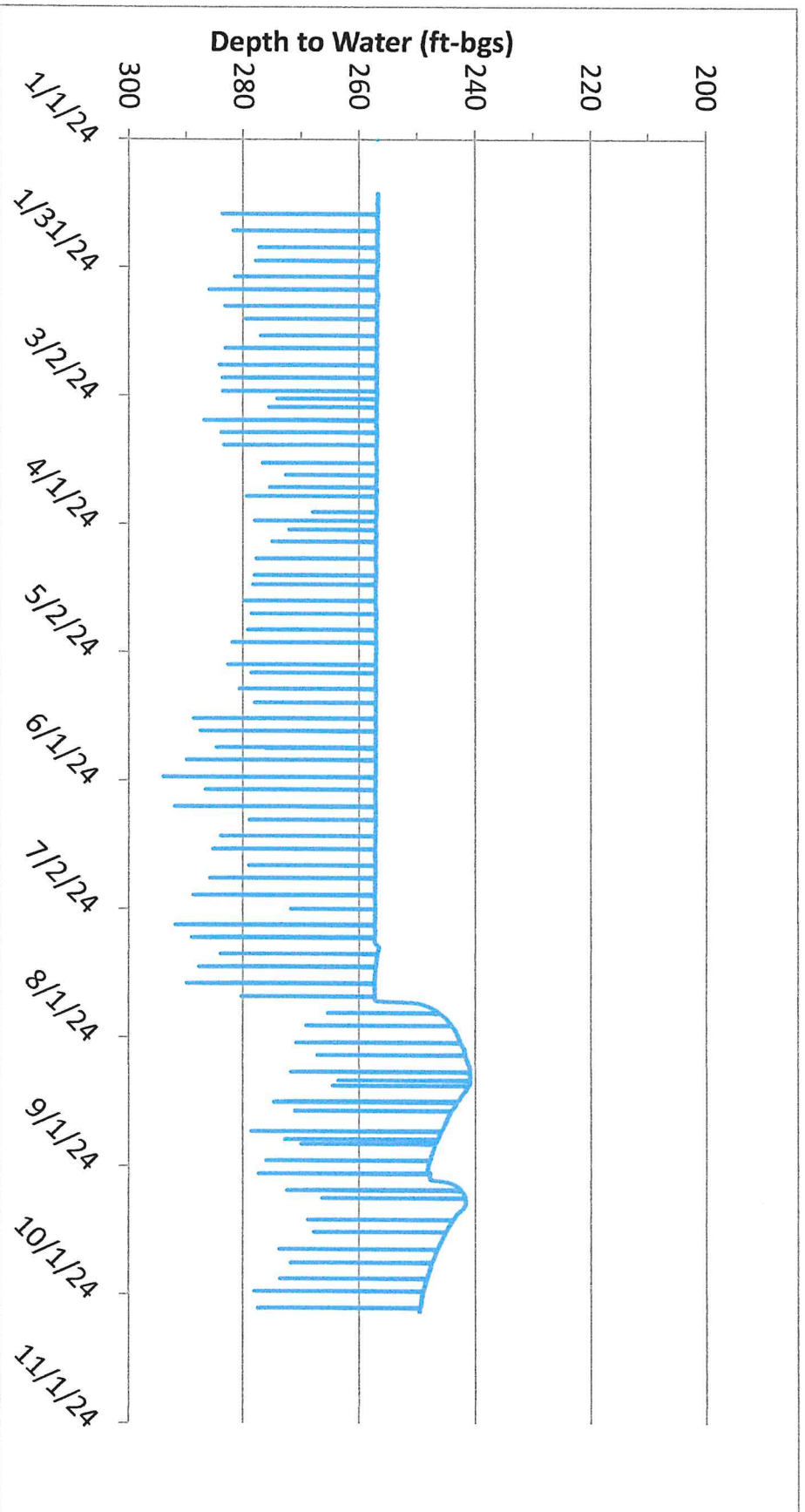


PRELIMINARY

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

Depth to Water (ft-bgs)

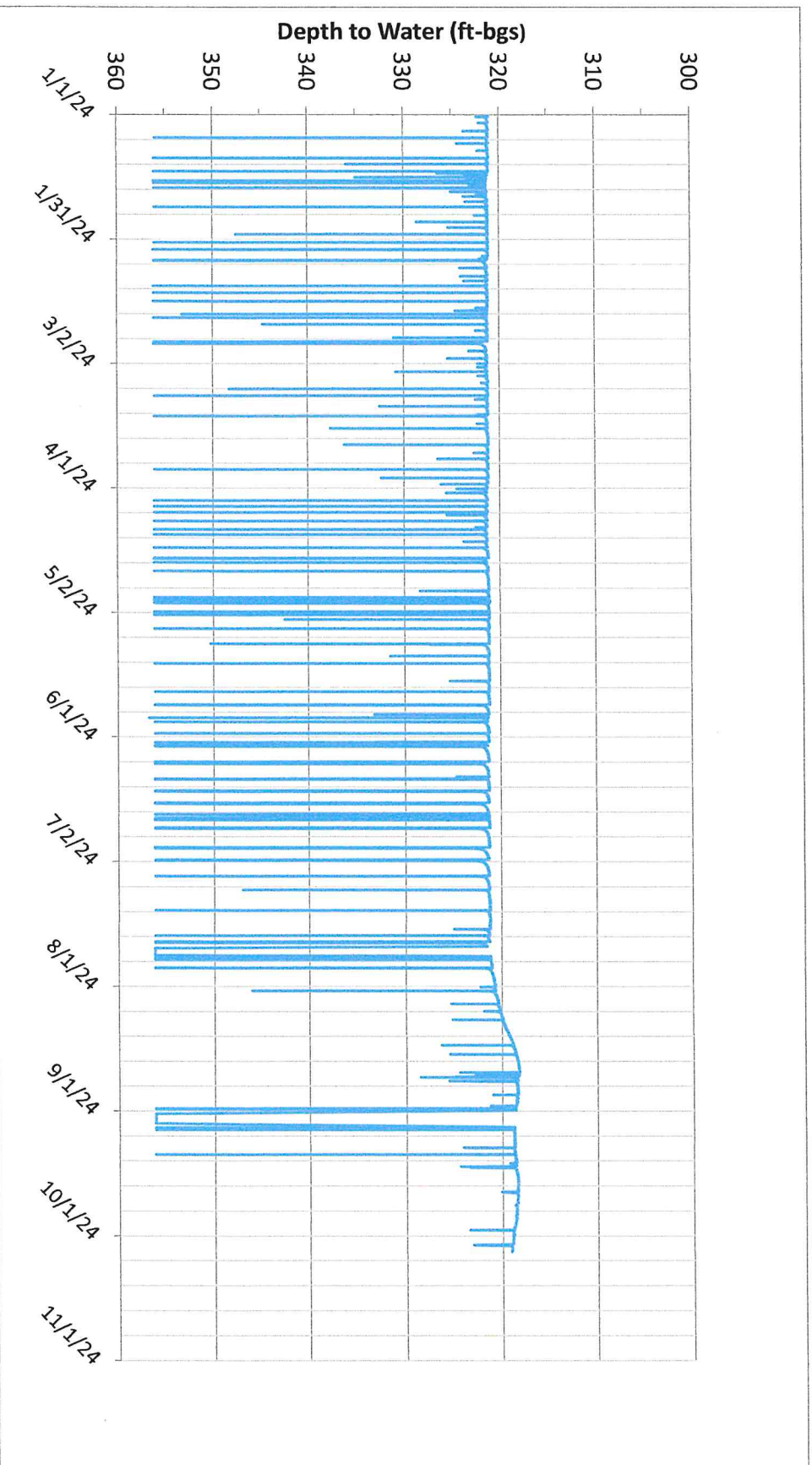


PRELIMINARY

Kickapoo Cavern State Park (Main Supply)

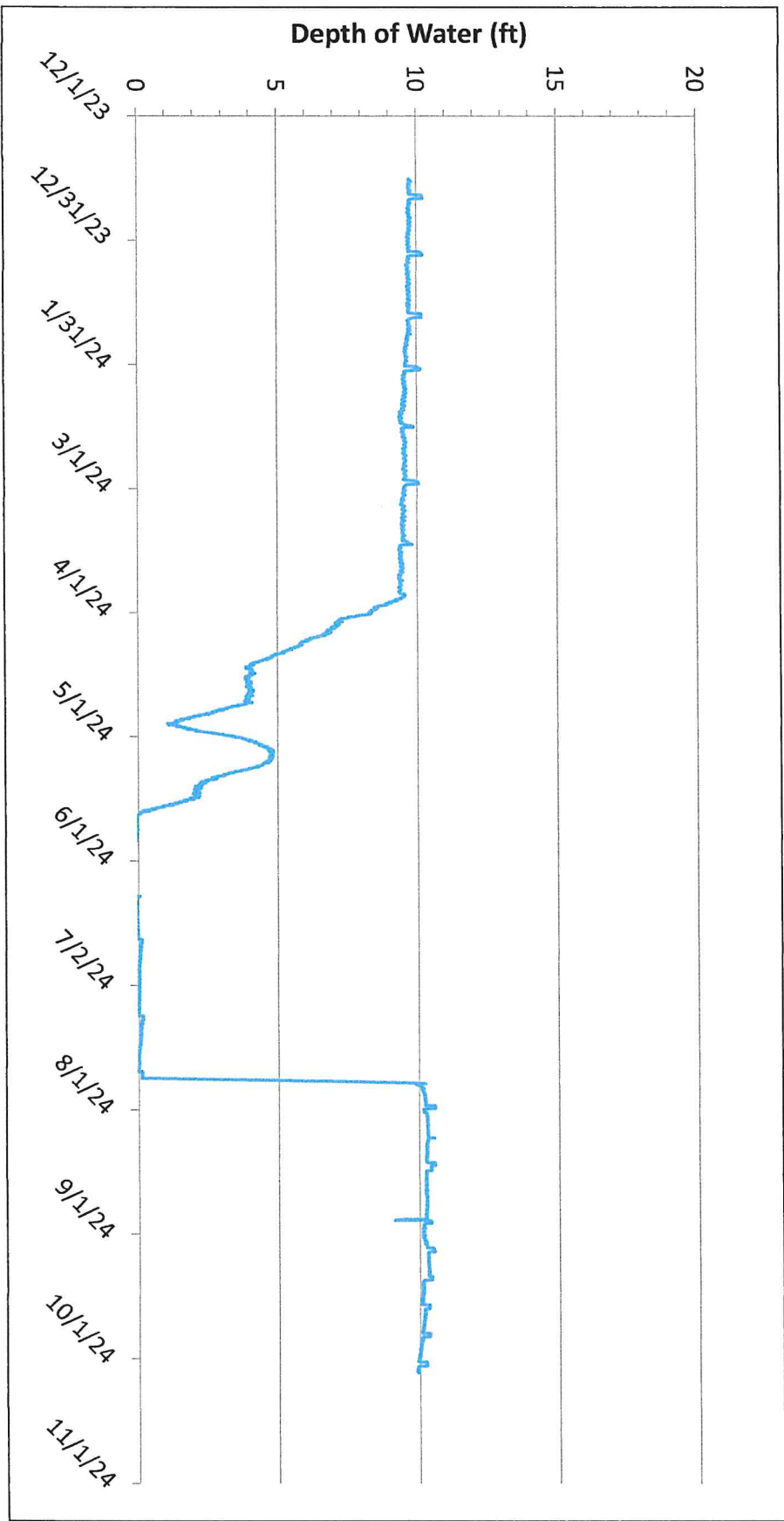
TD = 360 ft, RP = 1718 ft-msl, TPO, TWDB No. 7029102

Depth to Water (ft-bgs)



Las Moras Spring

Depth of Water (ft)



PRELIMINARY

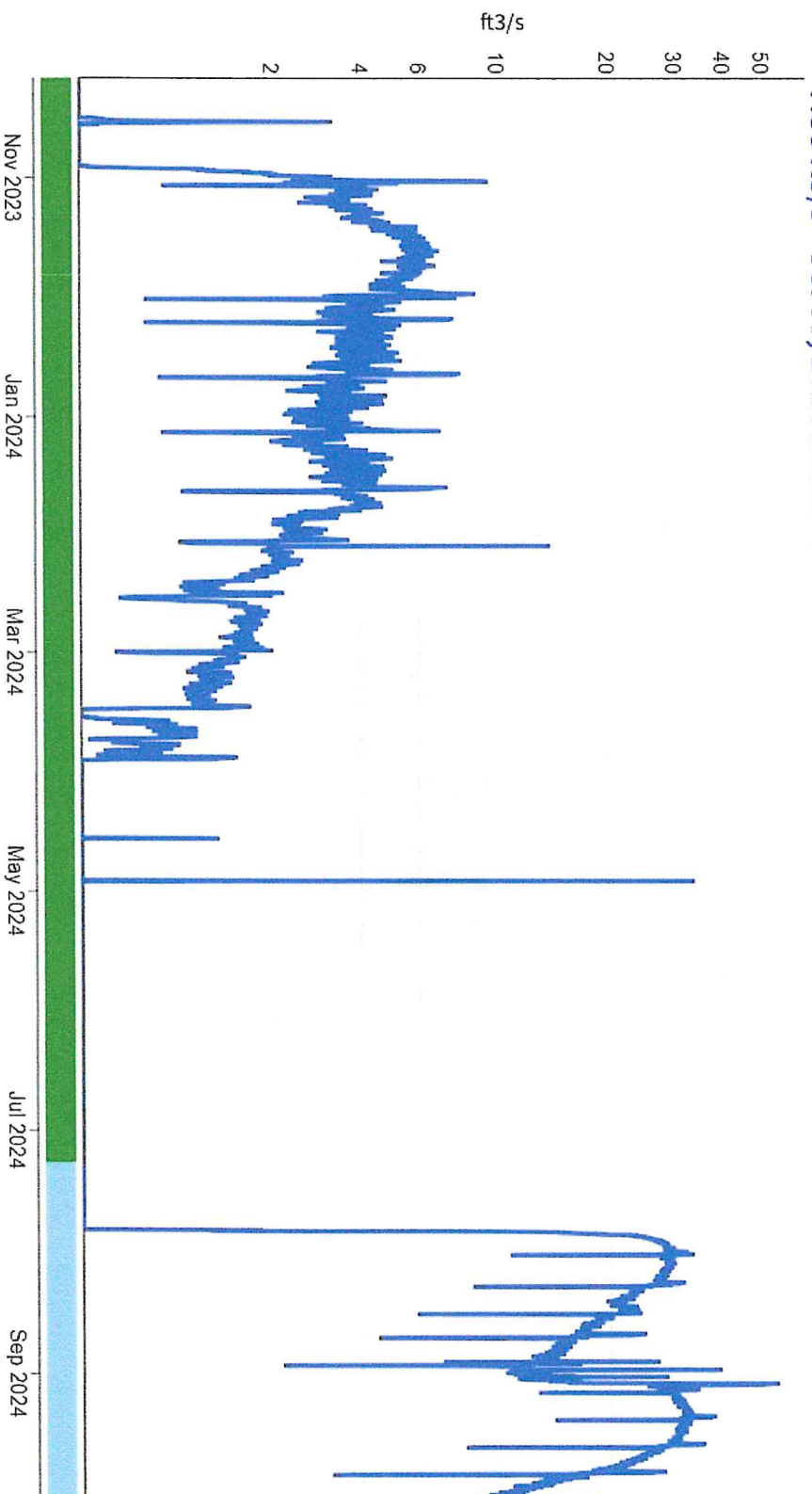
Las Moras Spgs Dws of pool at Brackettville, TX

- 08456310

October 6, 2023 - October 5, 2024

Discharge, cubic feet per second

7.86 ft³/s - Oct 05, 2024 11:15:00 AM CDT



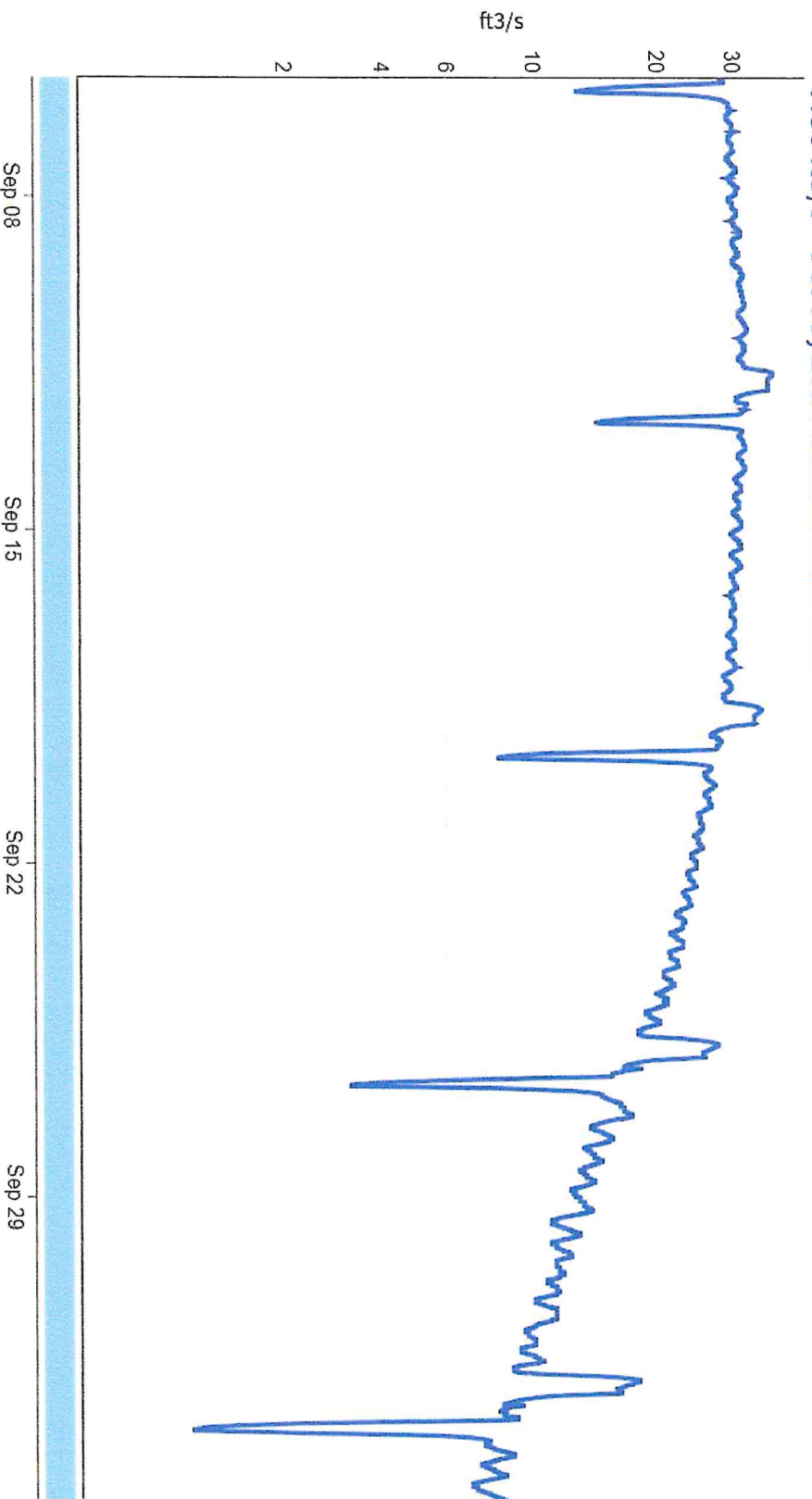
Las Moras Spgs Dws of pool at Brackettville, TX

- 08456310

September 5, 2024 - October 5, 2024

Discharge, cubic feet per second

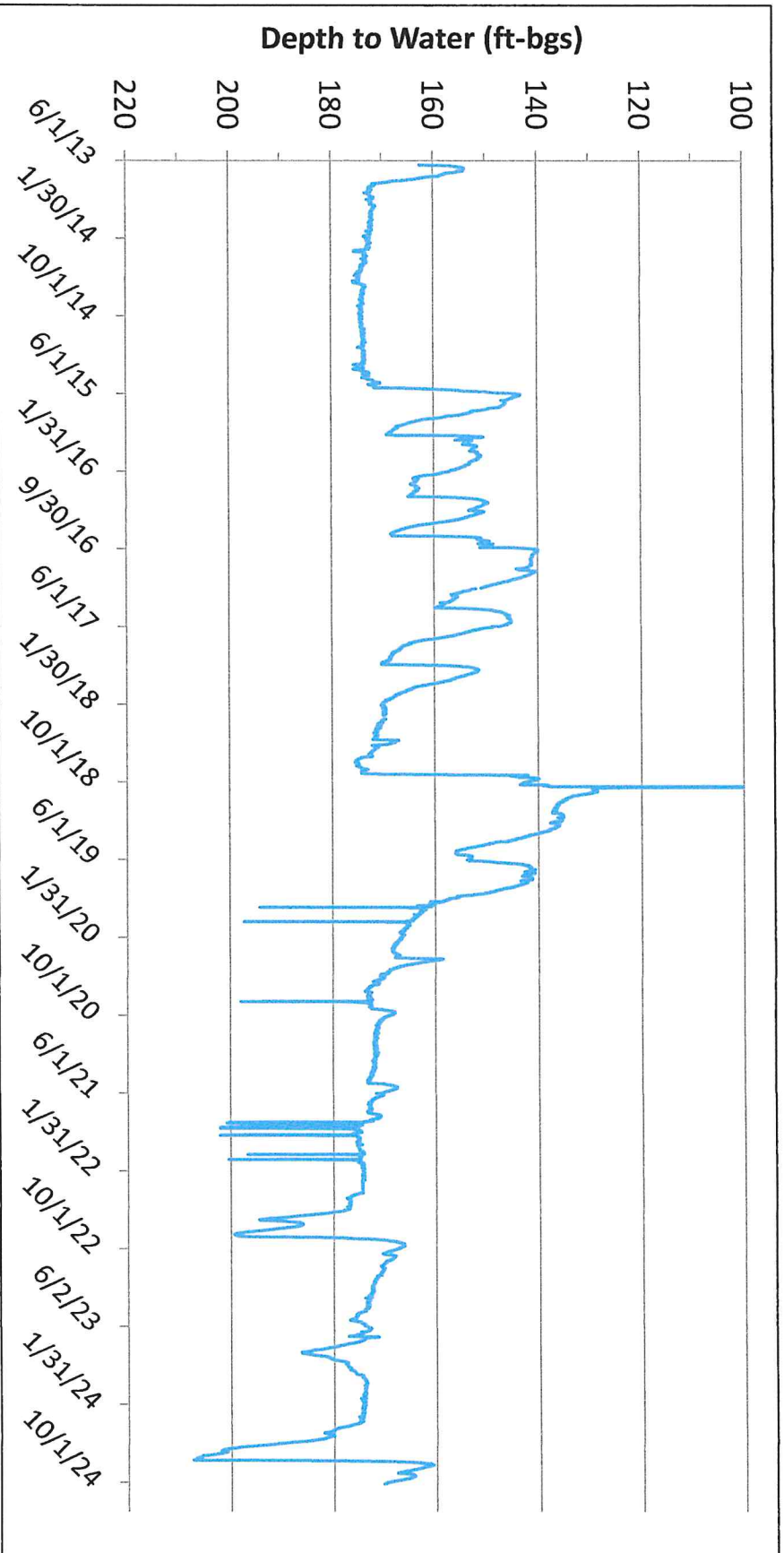
7.86 ft³/s - Oct 05, 2024 11:15:00 AM CDT



Lindsey Monitoring Well

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

Depth to Water (ft-bgs)

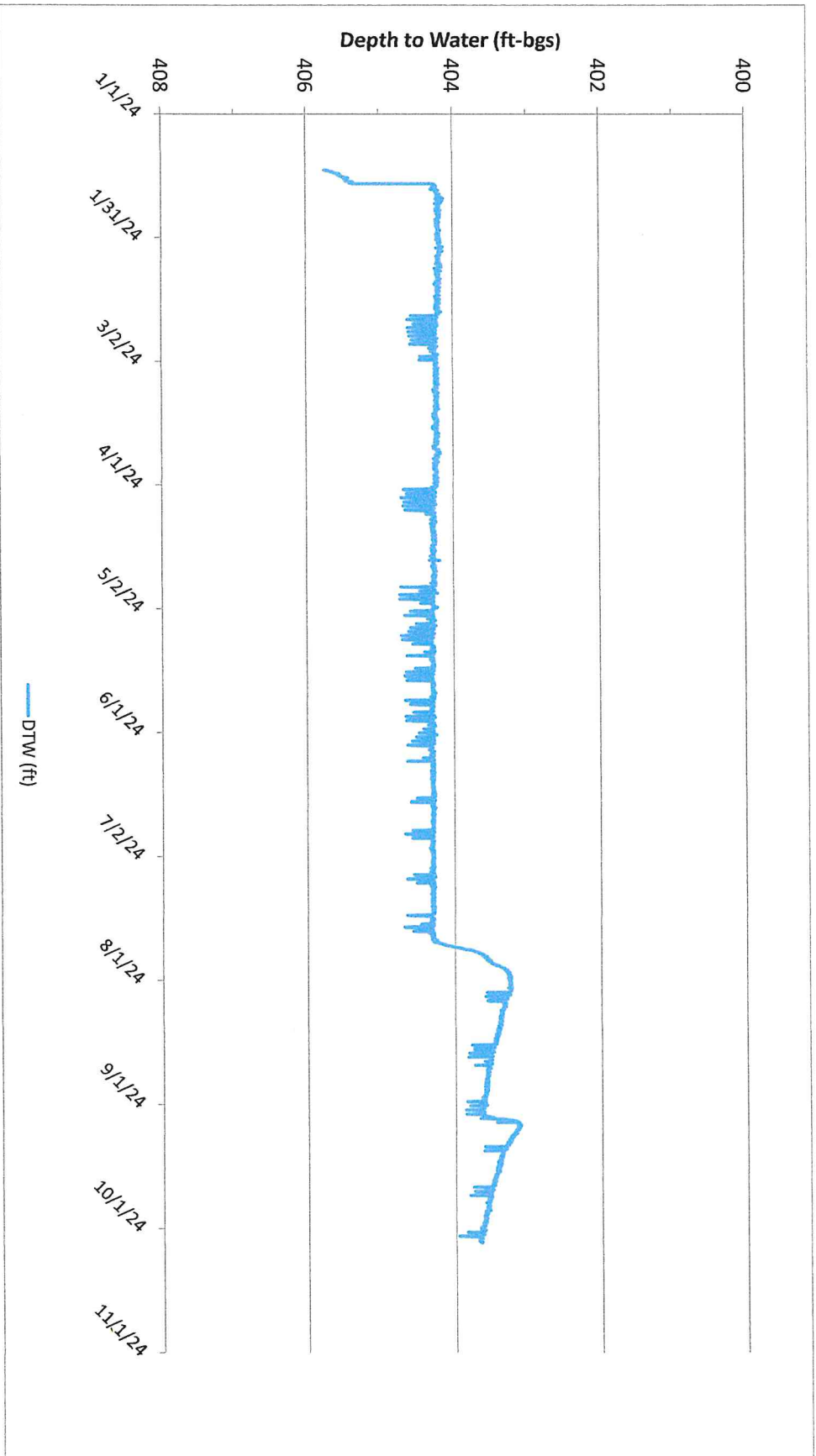


PRELIMINARY

The Hill Well (Edwards Co.)

TD = >550 ft, RP = 2104 ft msl

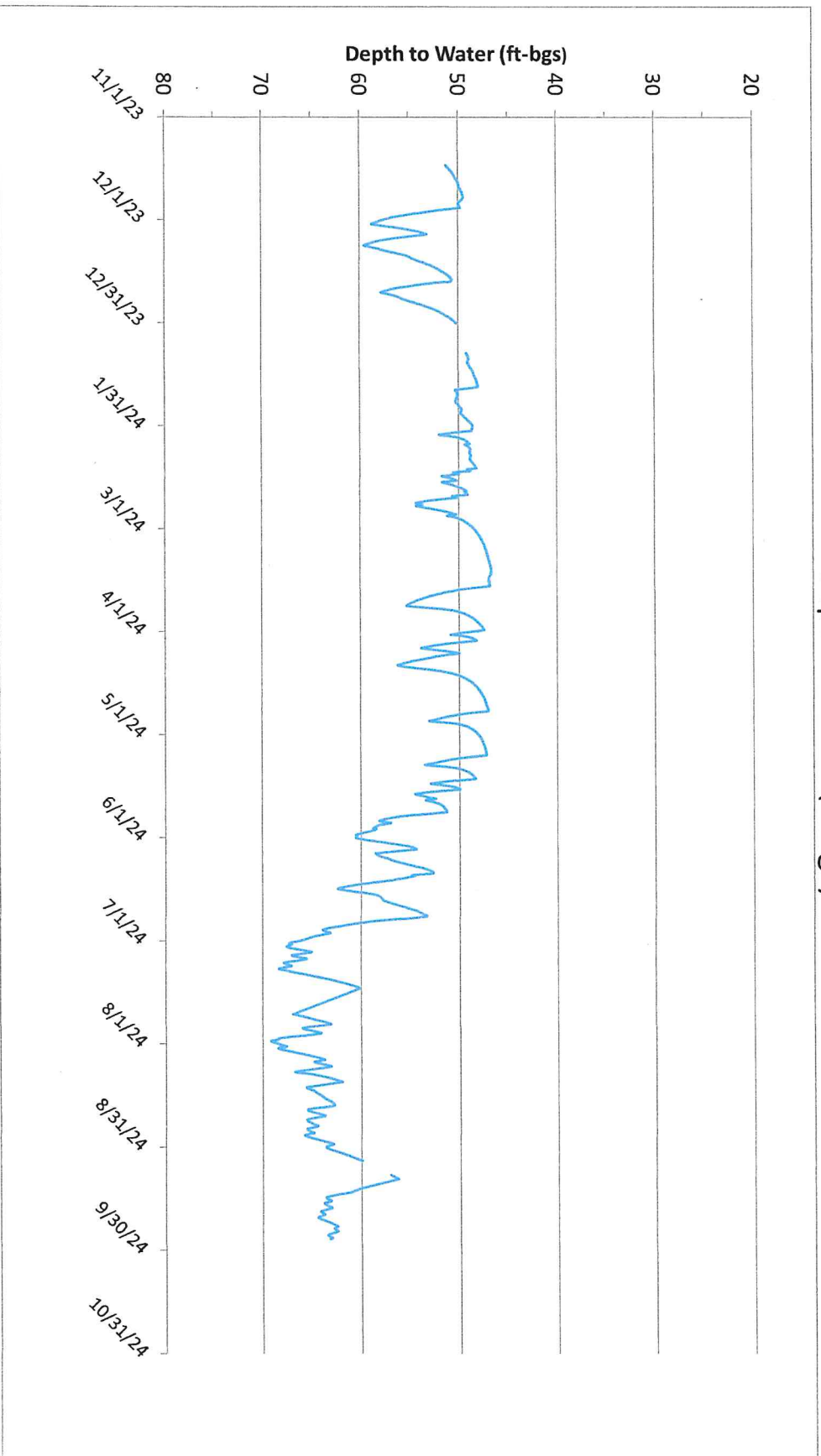
Depth to Water (ft-bgs)



Maverick LC - Monitoring Well #1

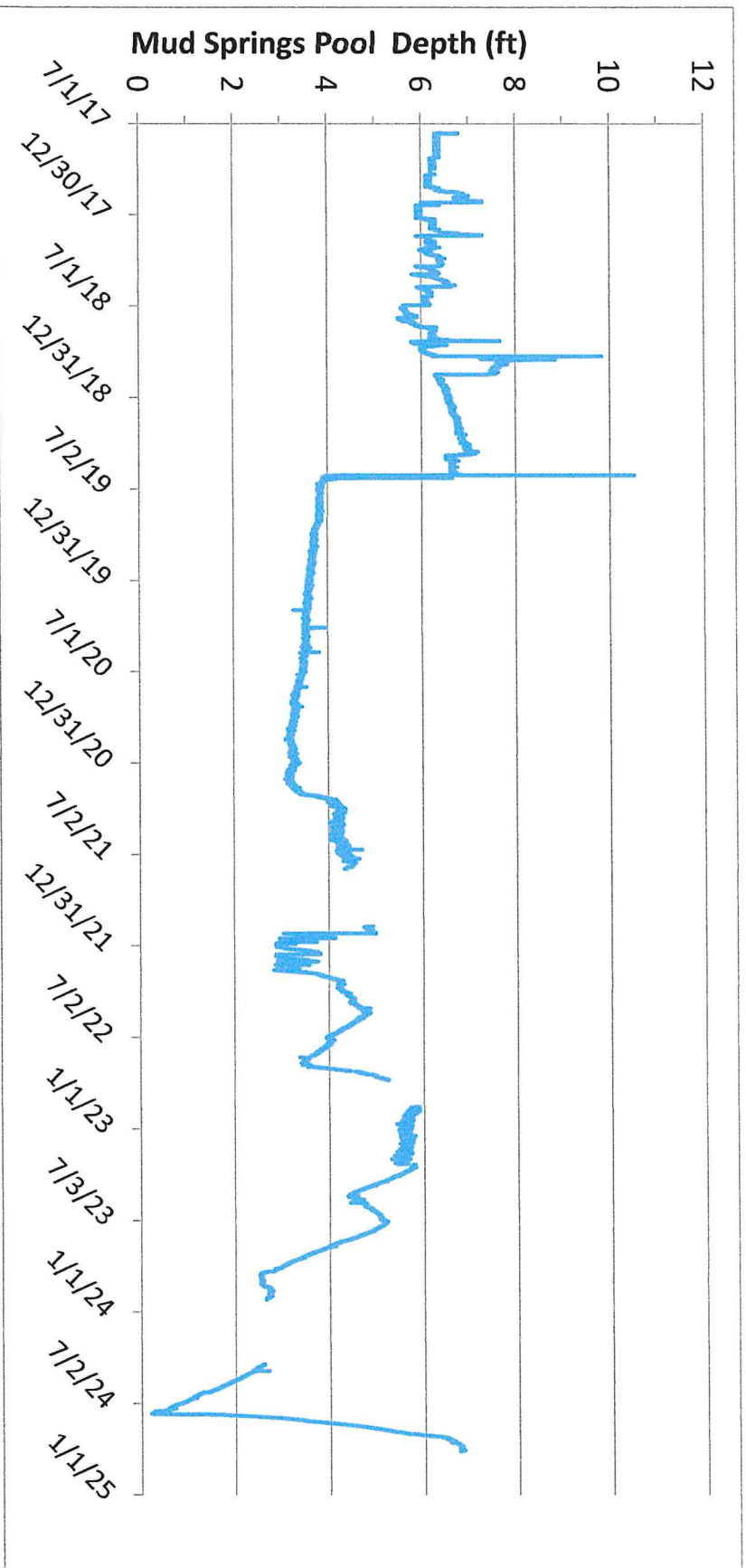
TD < 250 ft, RP = 1099 ft msl, Austin Chalk

Depth to Water (ft-bgs)



Mud Springs Headwaters

Stage (ft)

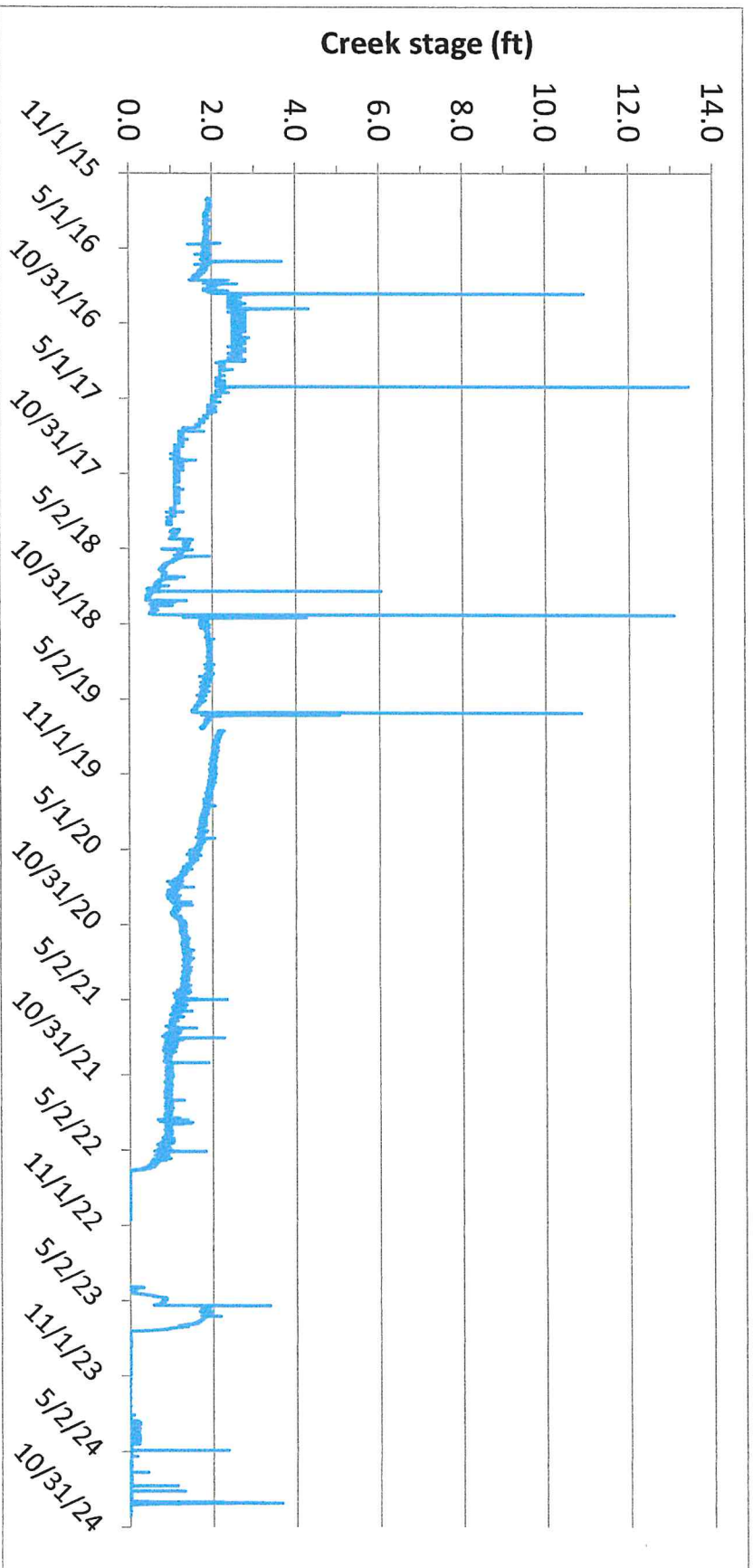


PRELIMINARY

10/5/2024

Pinto Creek @ HWY 90

Creek Stage (ft)

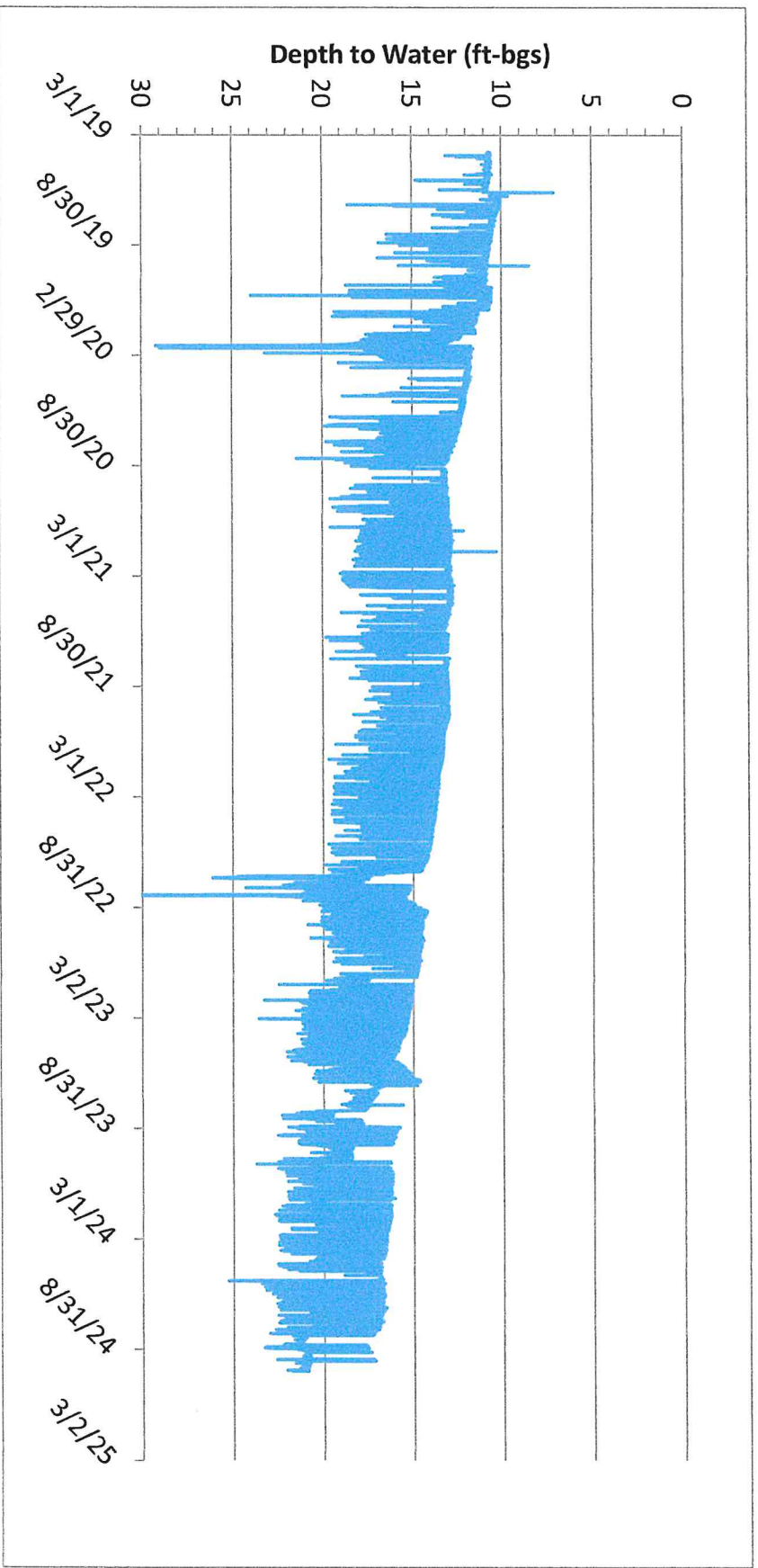


PRELIMINARY

La Fonda Monitoring Well

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

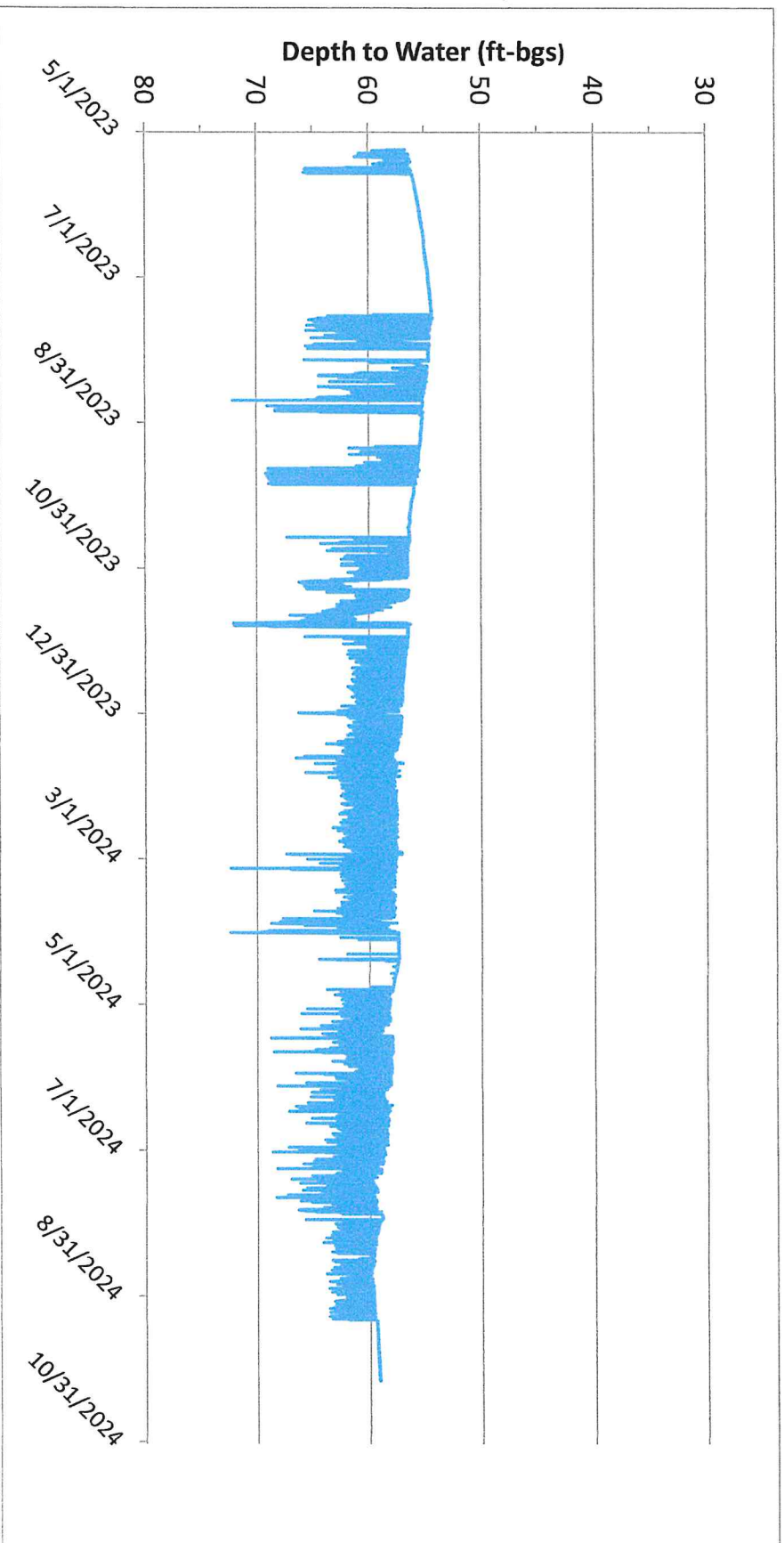
Depth to Water (ft-bgs)



RS Old House Well

TD = 70ft, RP = 1075 ft-msl, Austin Chalk

Depth to Water (ft-bgs)

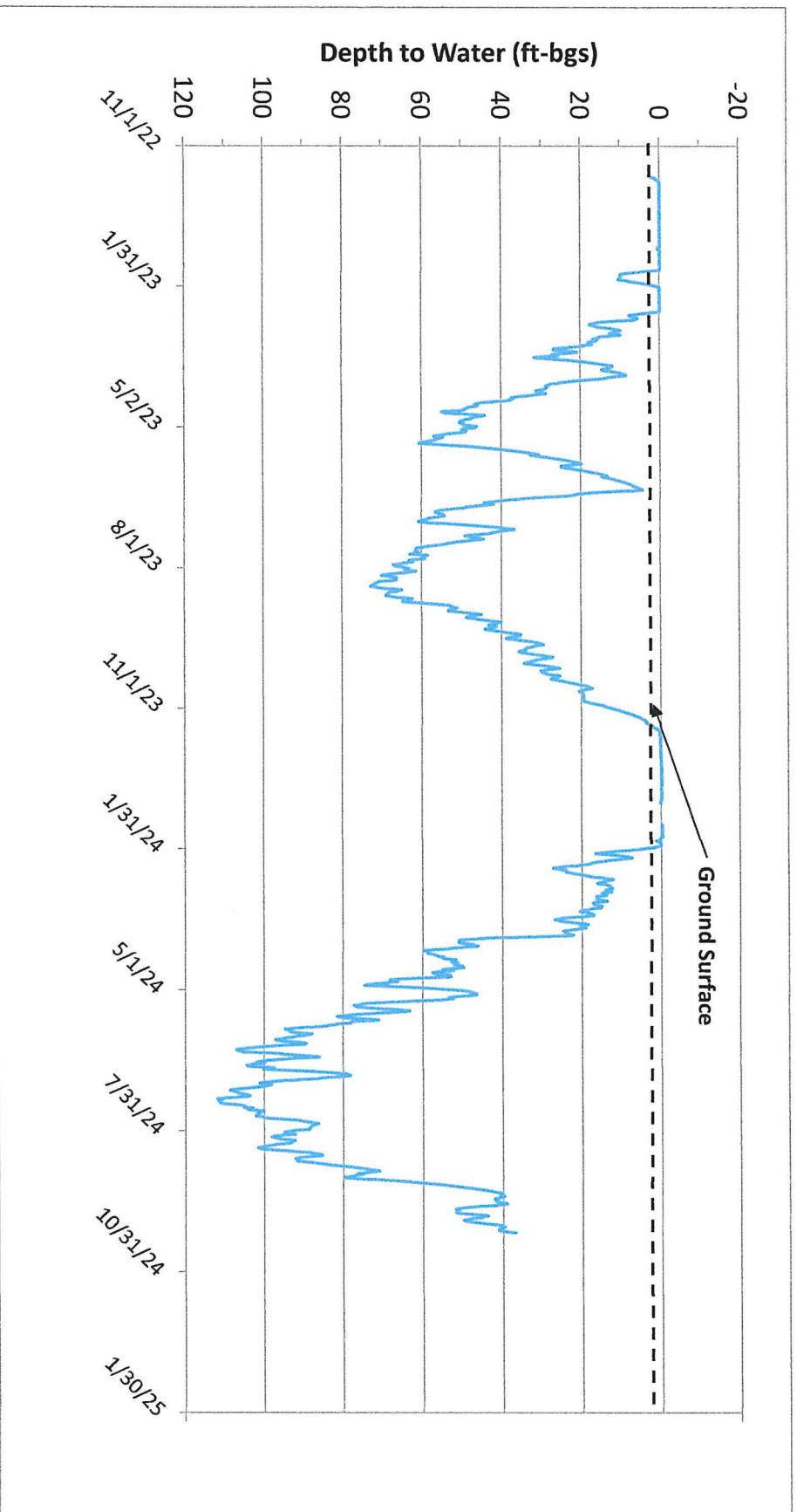


PRELIMINARY

Ole Stinky

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

Depth to Water (ft-bgs)

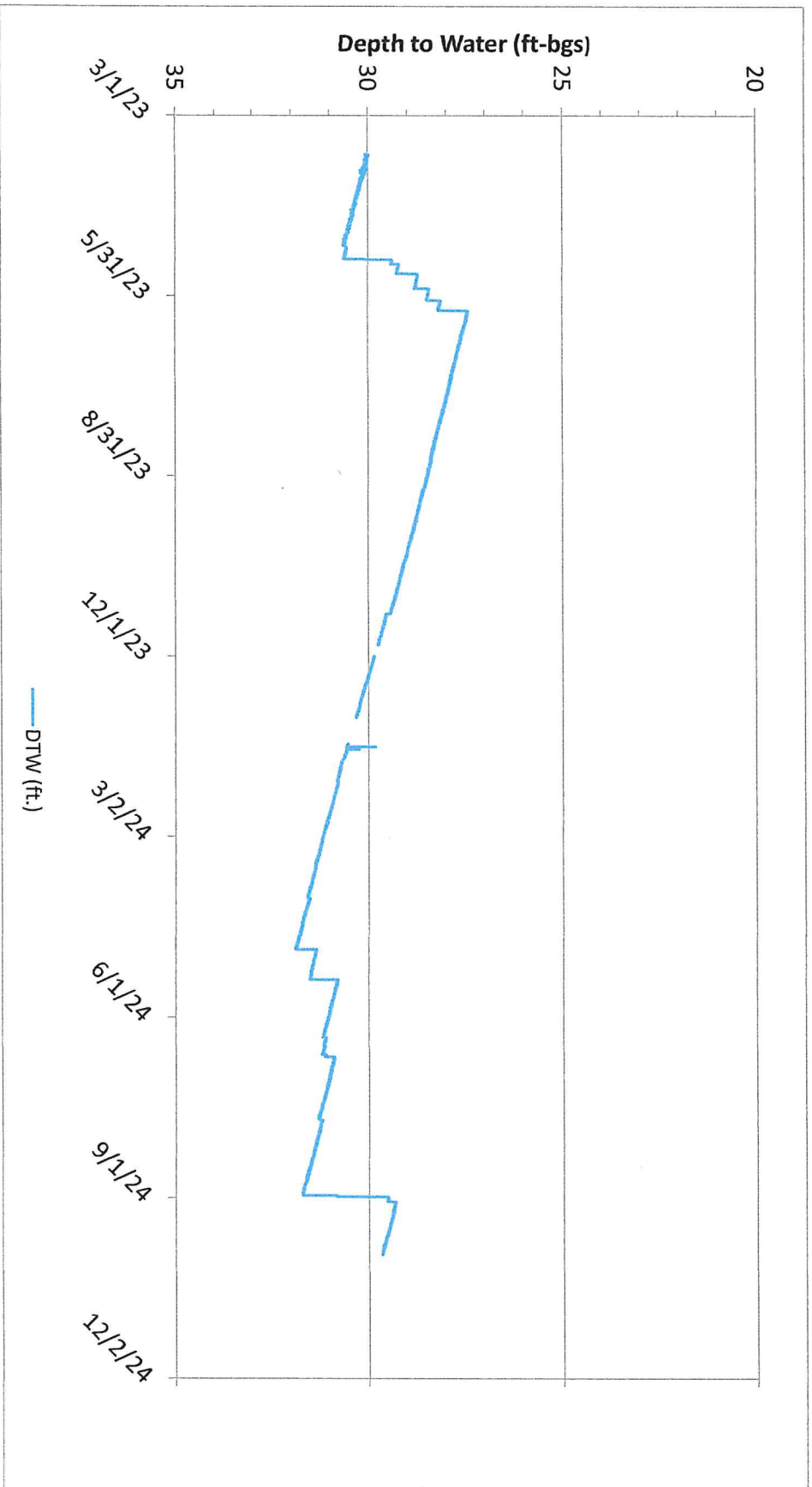


PRELIMINARY

RS Open Well

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

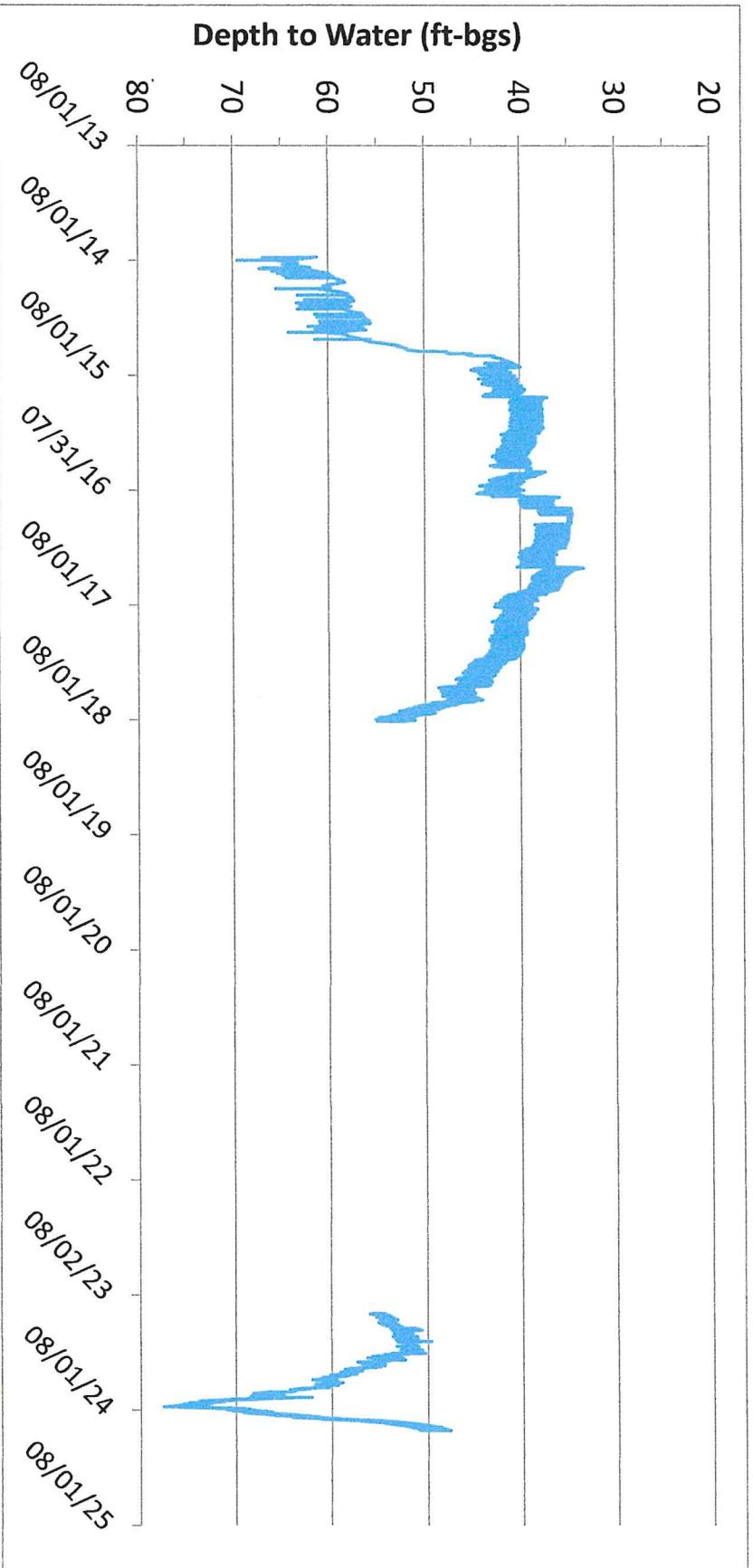
Depth to Water (ft-bgs)



So. Pinto Windmill #1

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

Depth to Water (ft-bgs)

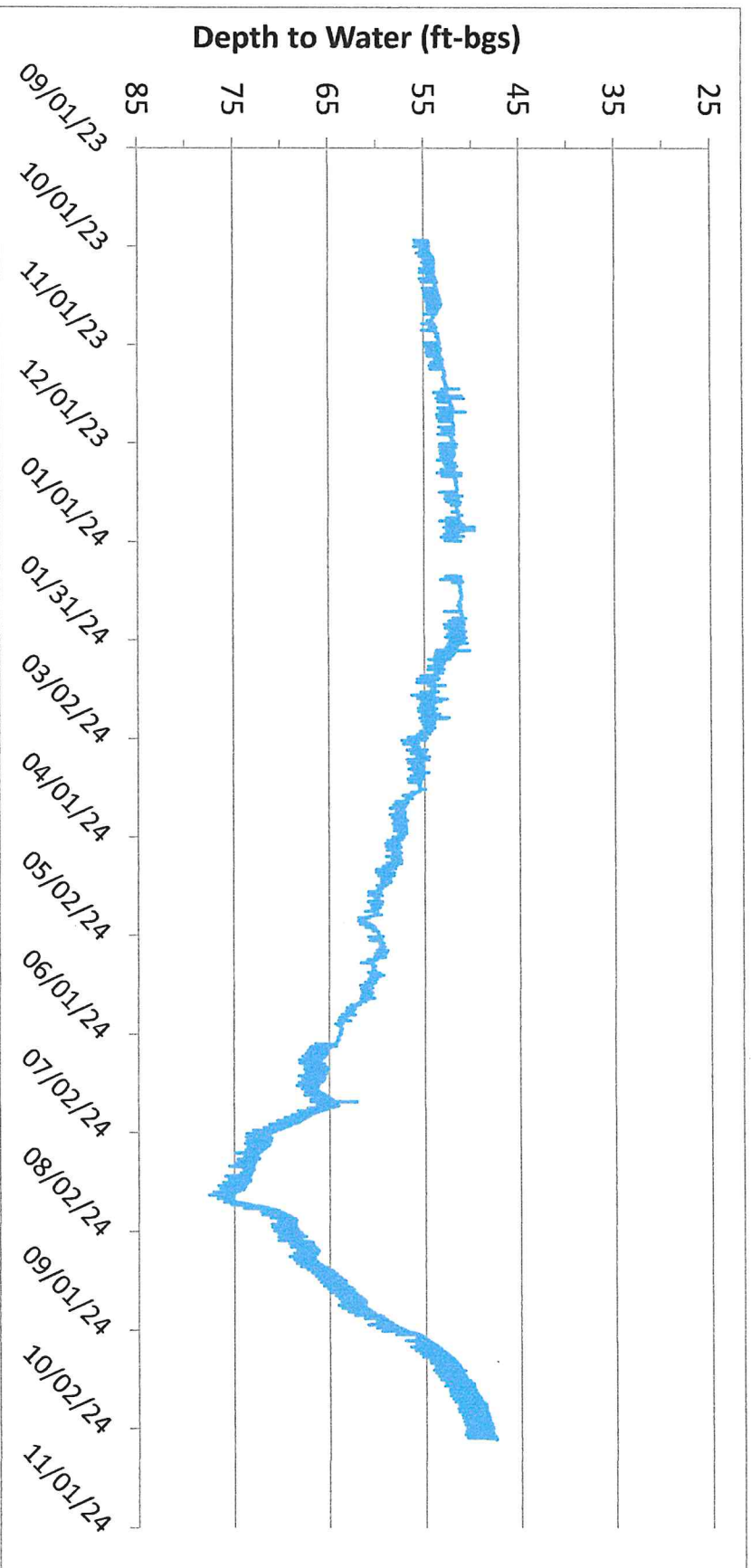


PRELIMINARY

So. Pinto Windmill #1

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

Depth to Water (ft-bgs)

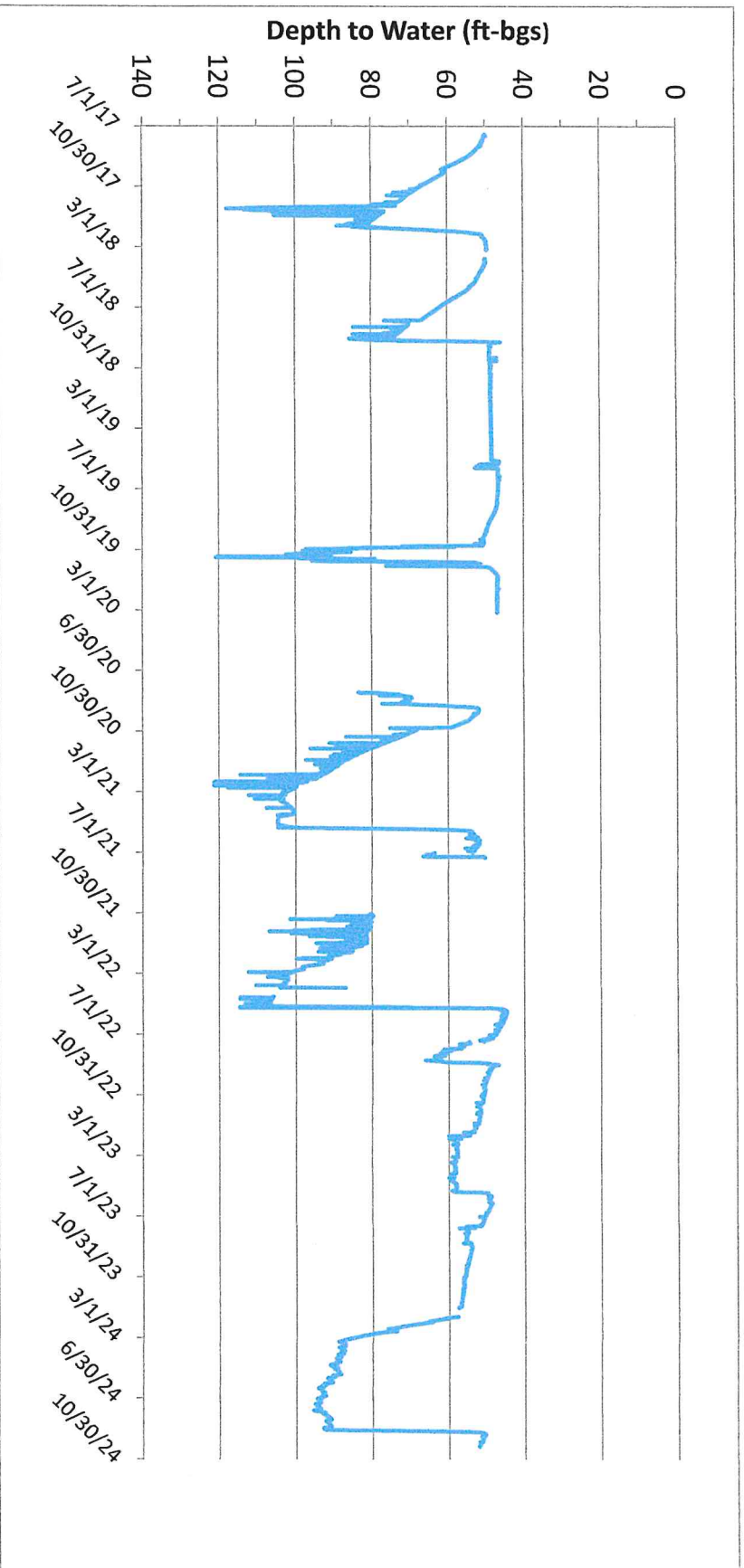


PRELIMINARY

Toft Ranch - Rail Road Well

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

Depth to Water (ft-bgs)

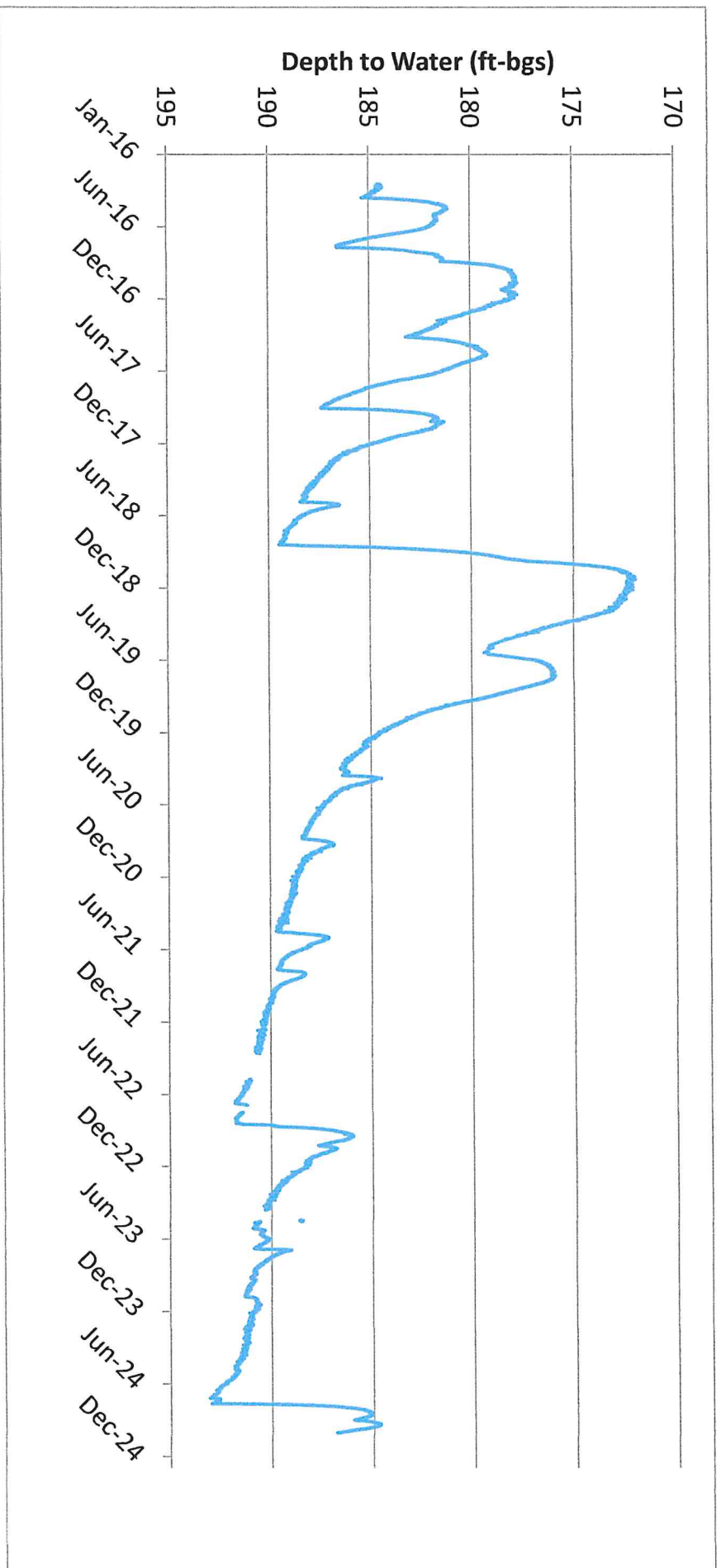


PRELIMINARY

Tularosa Well

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

Depth to Water (ft-bgs)*

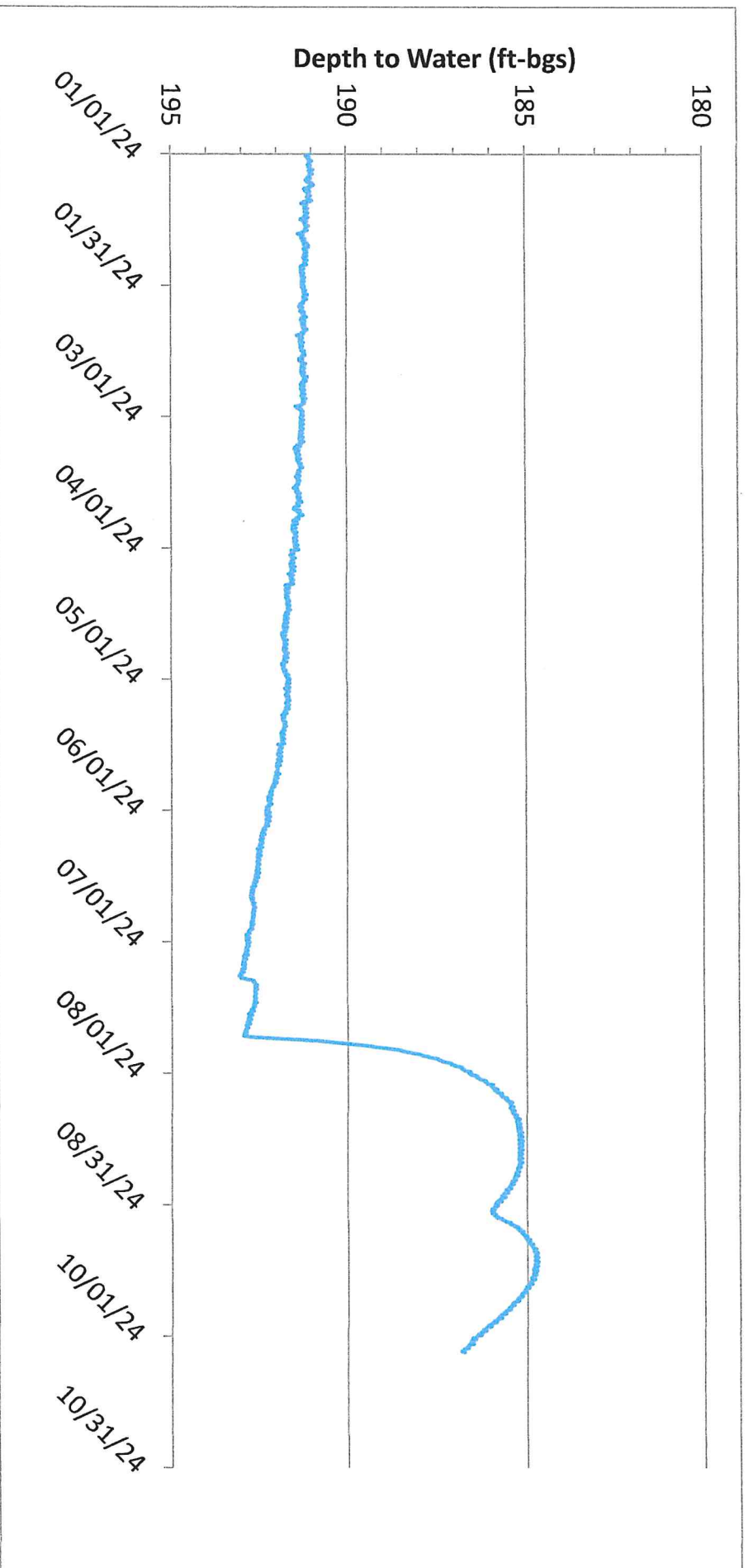


Tularosa Well

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

Depth to Water (ft-bgs)*

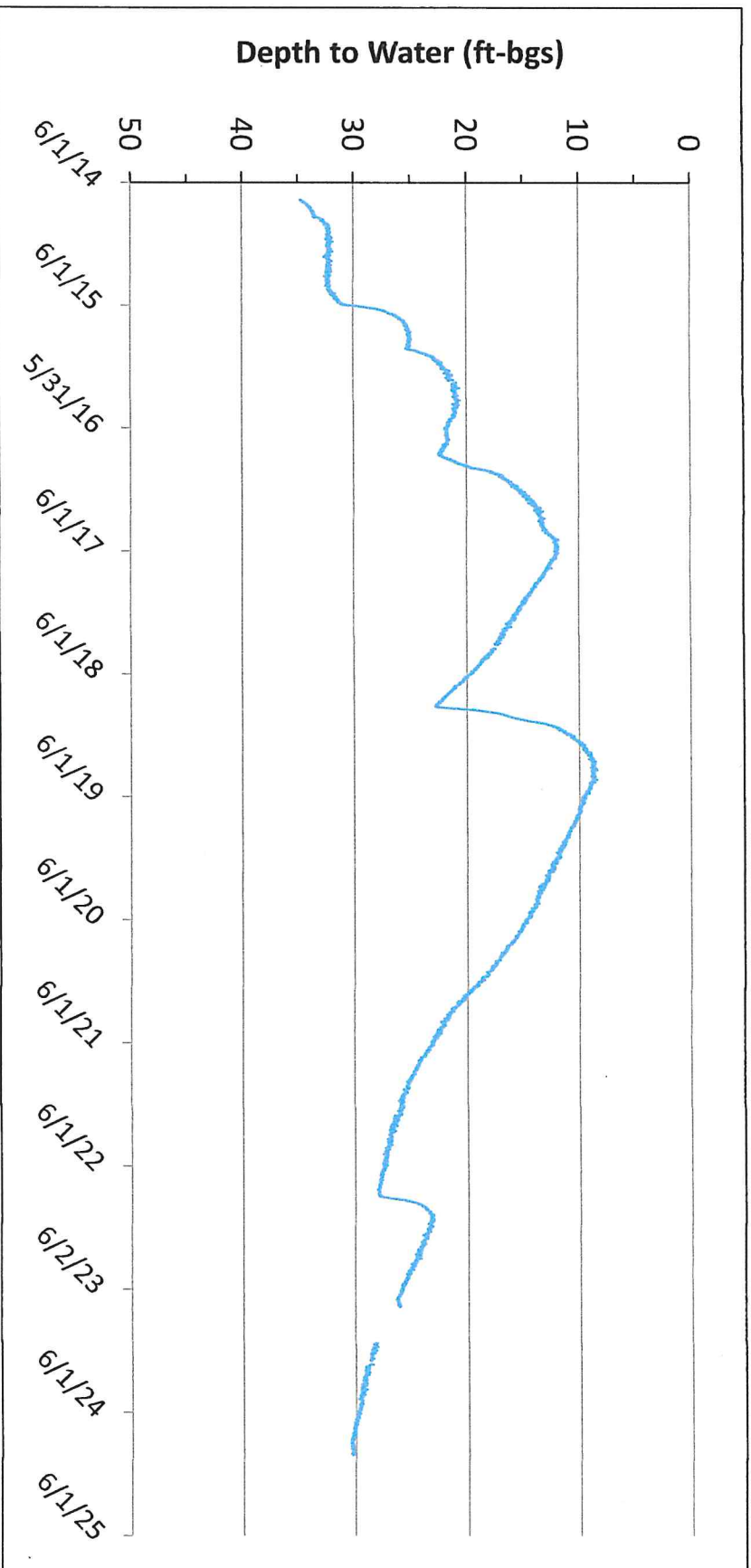
Year to Date



TXDOT East Elm 2

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

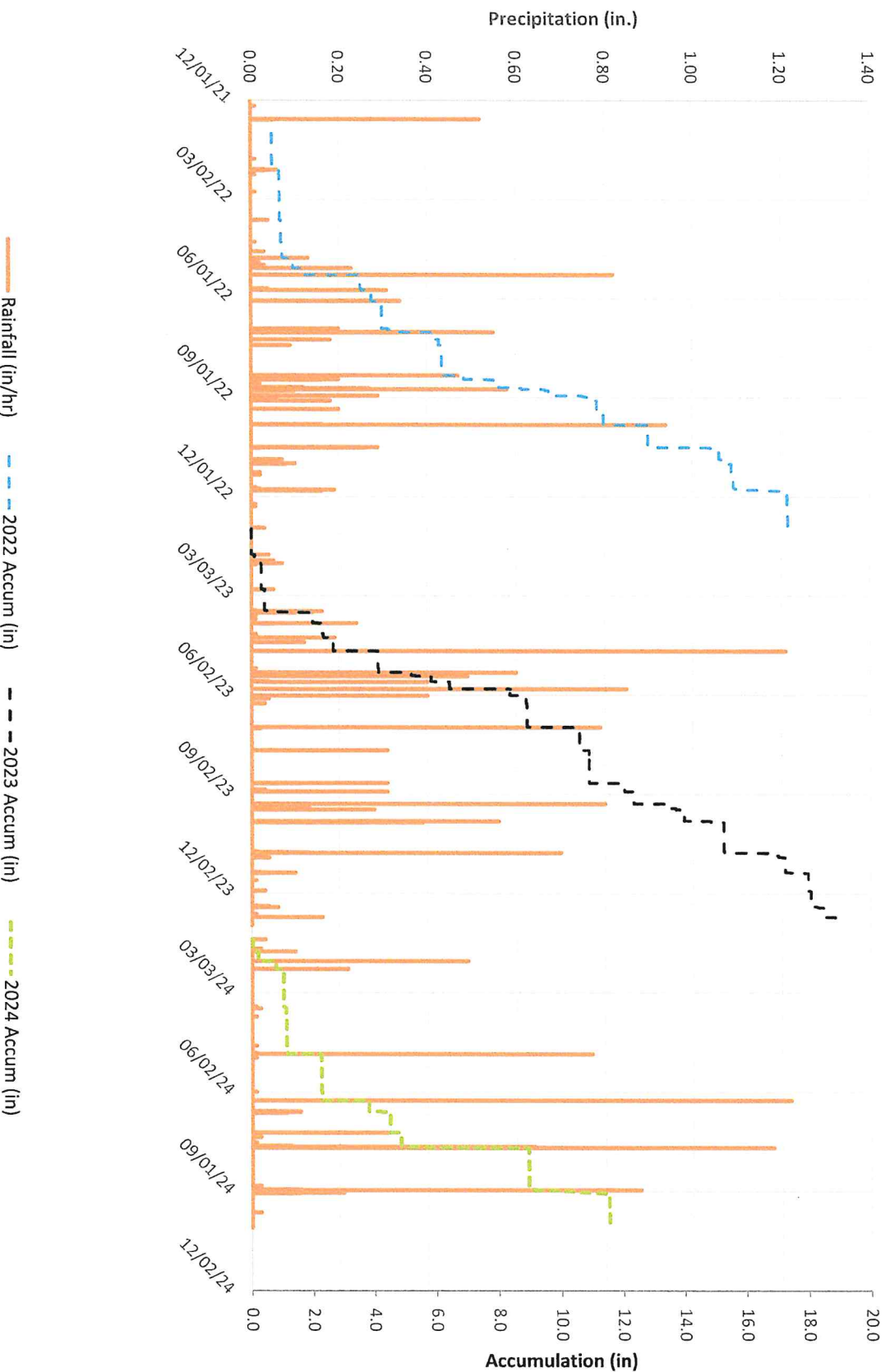
Depth to Water (ft-bgs)



Kickapoo Rain Gauge No. 1

Measured Rainfall (inches)

Reported Hourly

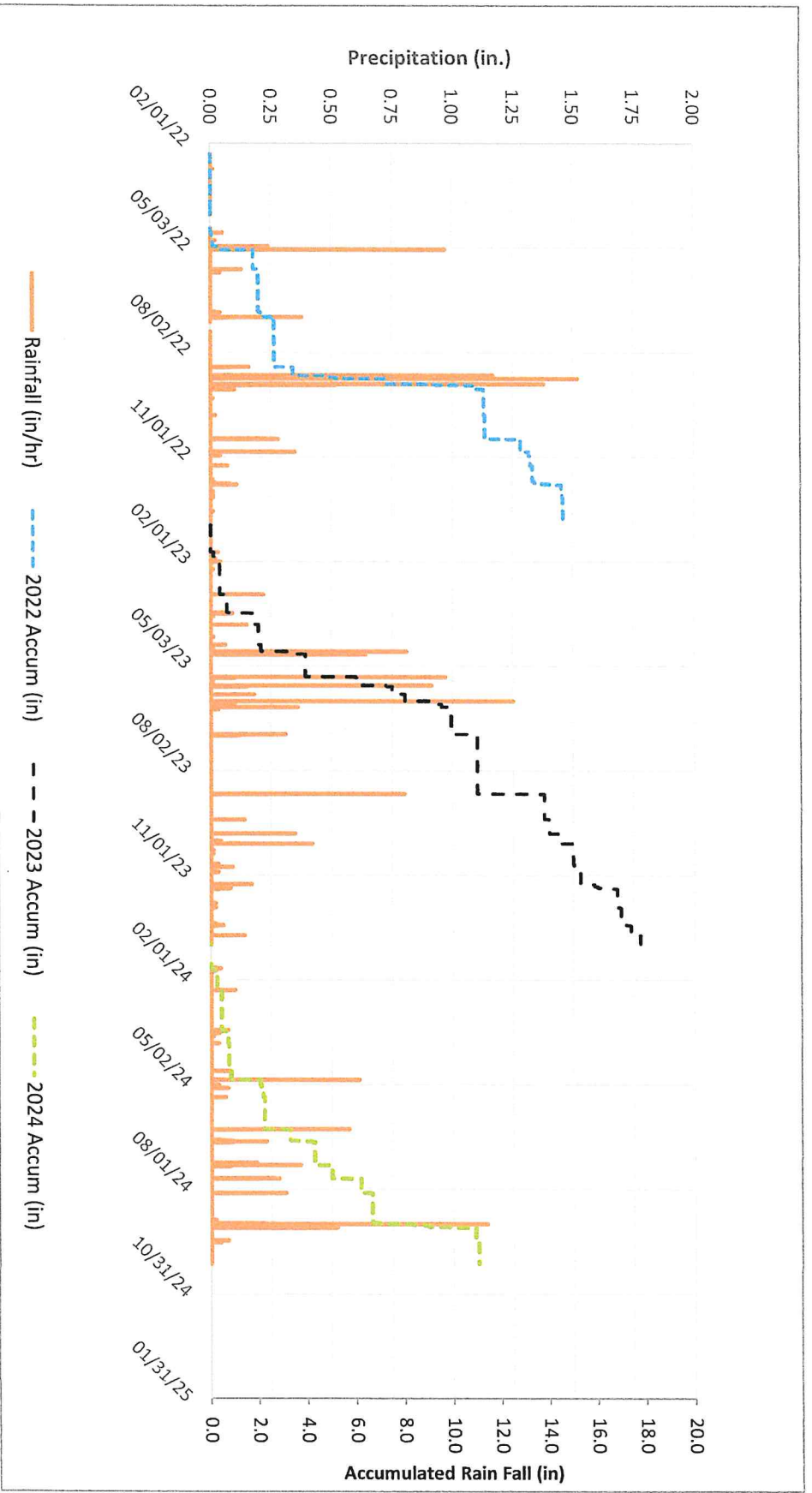


PRELIMINARY

Toft Ranch Rain Gauge No. 4

Measured Rainfall (inches)

Reported Hourly

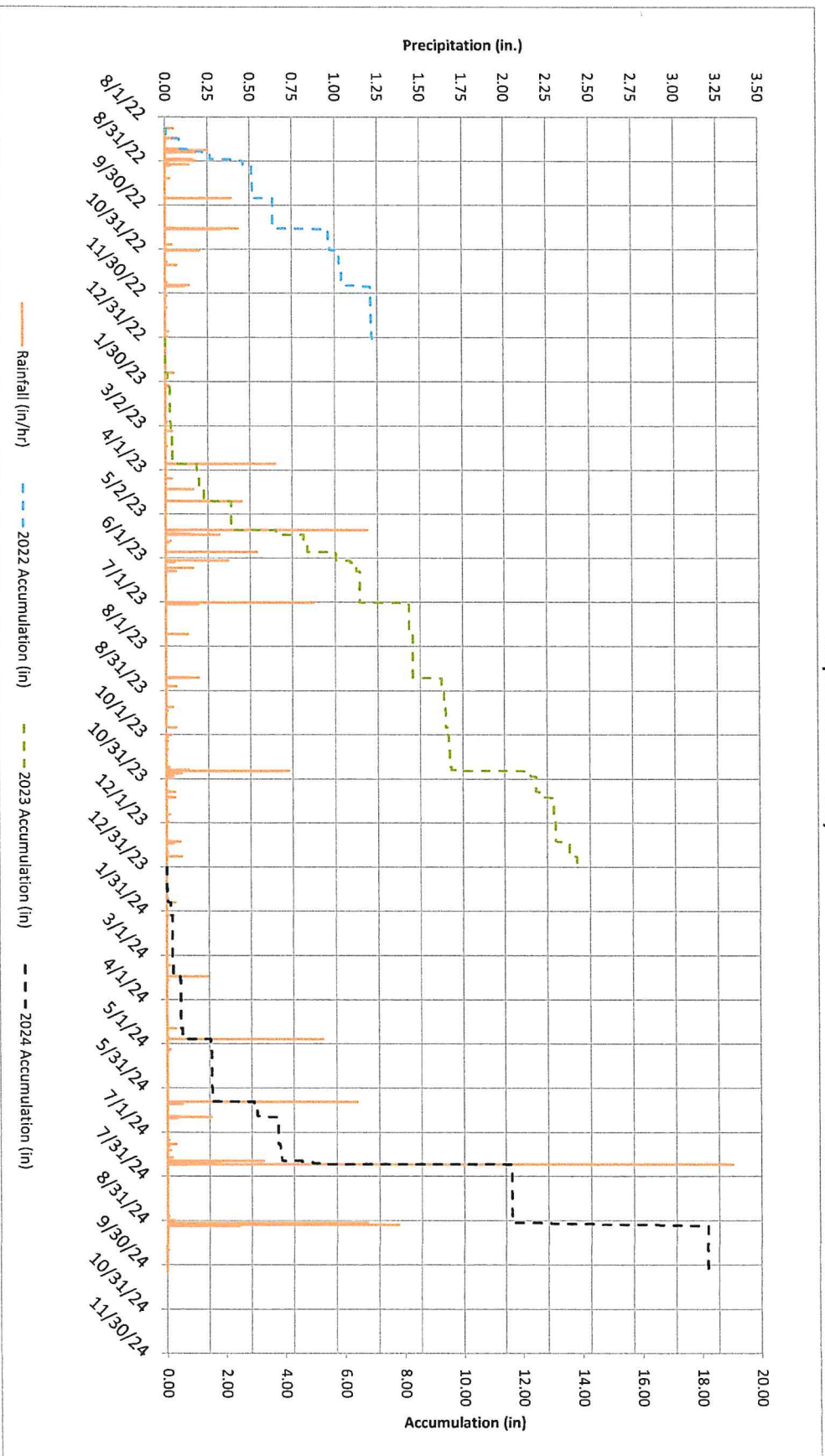


PRELIMINARY

Rain Gauge No. 5 (Val Verde Co.)

Measured Rainfall (inches)

Reported Hourly

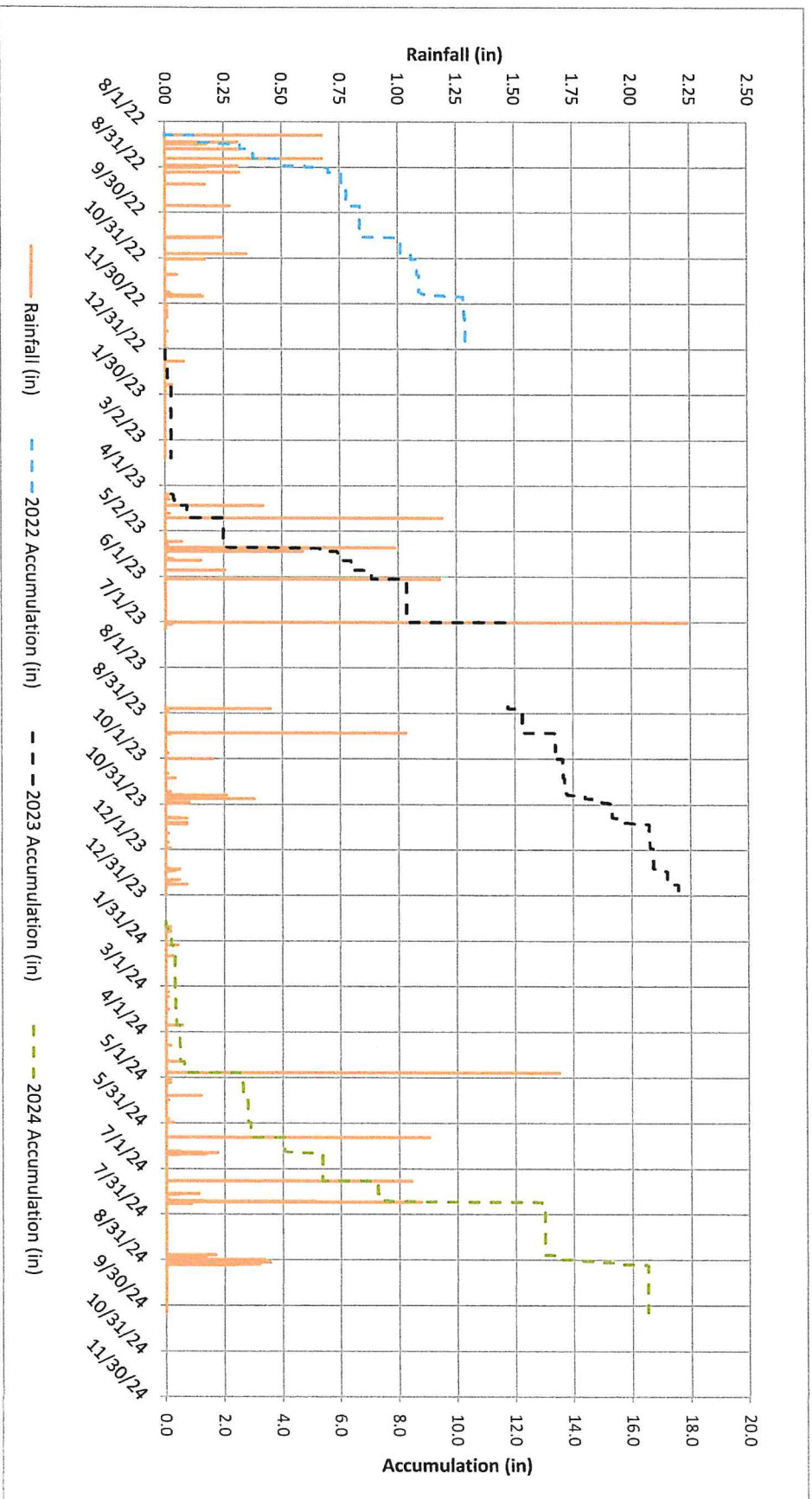


PRELIMINARY

#172 Rain Guage No. 6

Measured Rainfall (inches)

Reported Hourly

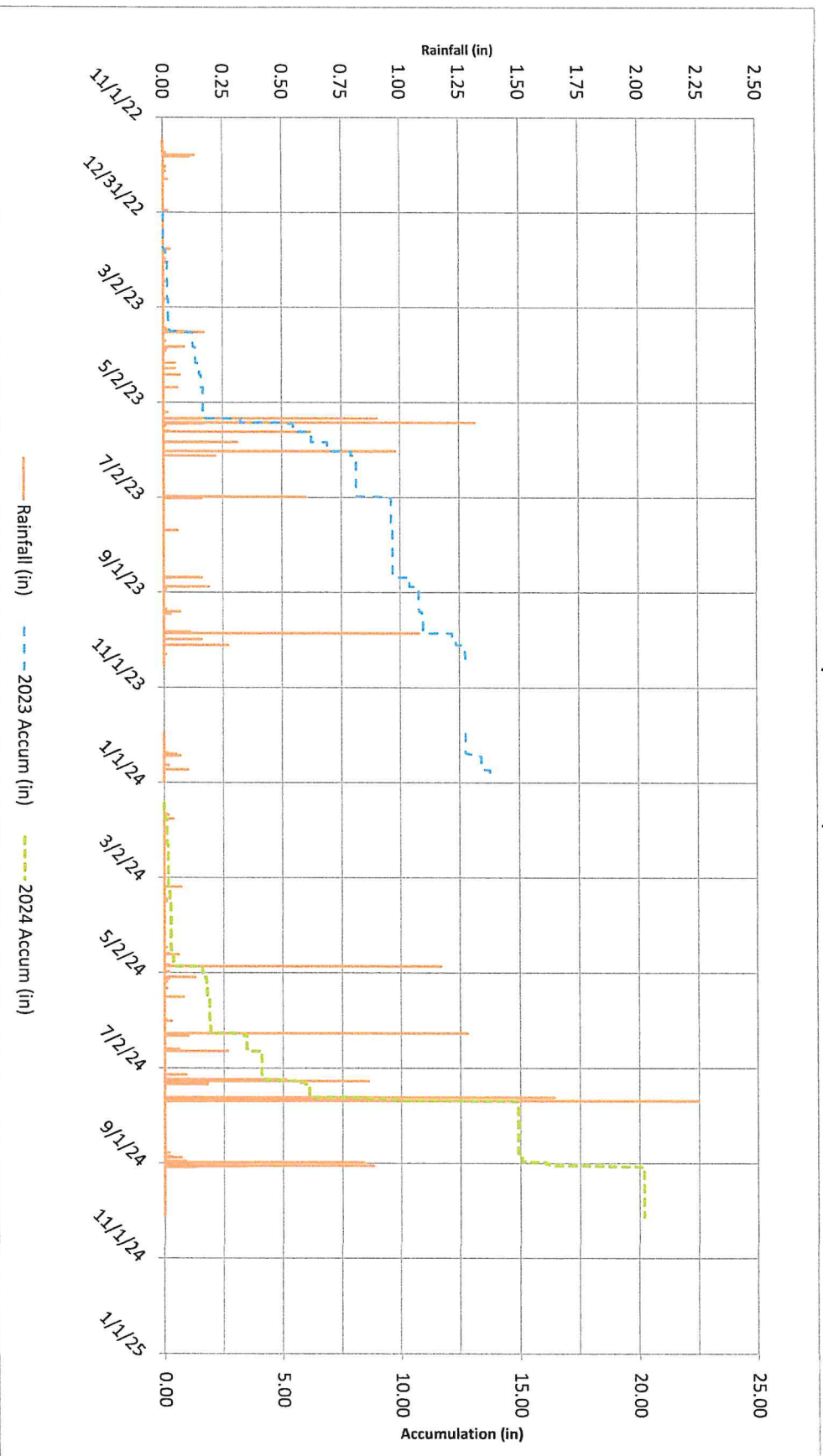


PRELIMINARY

Rain Gauge No. 7 (Edwards Co.)

Measured Rainfall (inches)

Reported Hourly



PRELIMINARY

Pinto Creek Rain Gauge No. 8

Measured Rainfall (inches)

Reported Hourly

