



Every drop counts!

Clearwater Underground Water Conservation District

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Leland Gersbach, President

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Clearwater Staff Reports

July 10, 2024

1. Drought Status
2. Educational Outreach Update
3. Monitoring Wells
4. Rainfall/Drought Conditions
5. Well Registrations
6. Non-Exempt Monthly Well Production

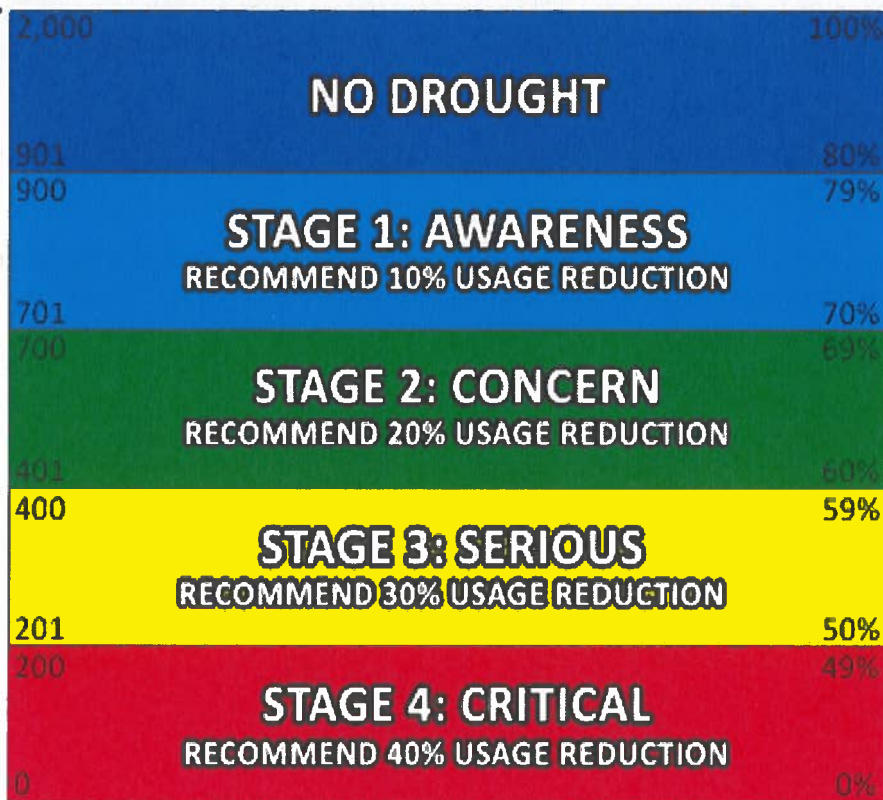
Edwards BFZ Aquifer—Drought Status Report

NO DROUGHT

2688.40 ac-ft
(month)
45.18 cfs

Salado Creek
Spring Discharge

As of 7/2/2024



40.173 PDI
121.74%

Precipitation Deficit
Index (PDI)

PDI is based on a 33"
normal yearly average
and is a 365 day running
total.

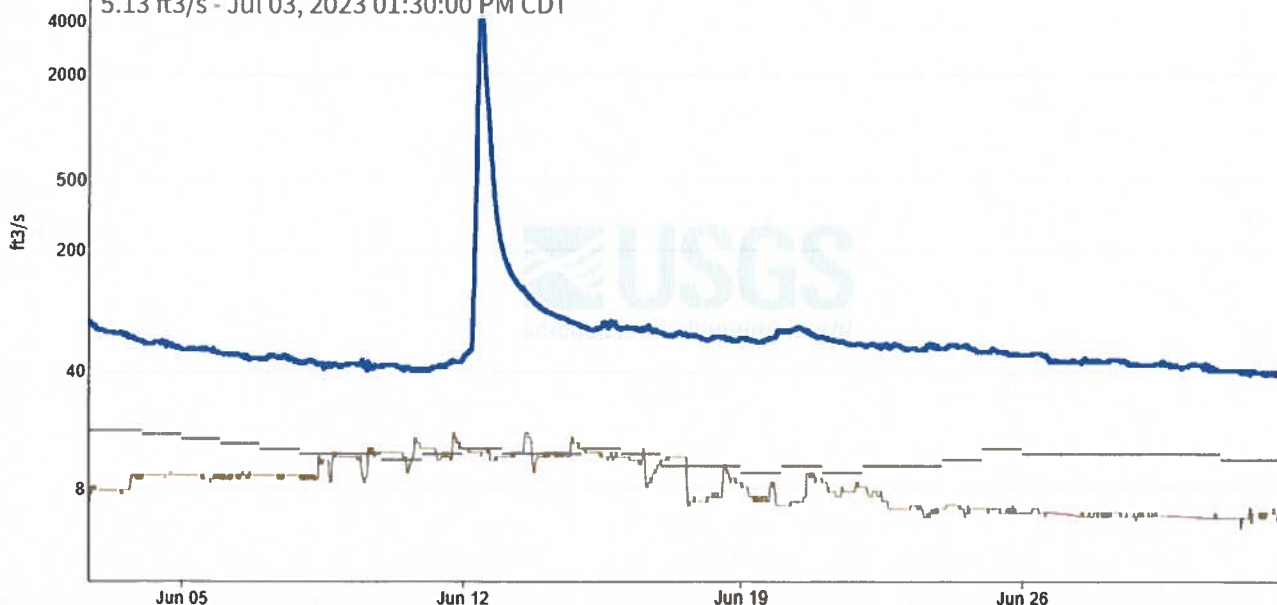
Salado Ck at Salado, TX - 08104300

June 2, 2024 - July 2, 2024

Discharge, cubic feet per second

38.1 ft³/s - Jul 02, 2024 01:30:00 PM CDT

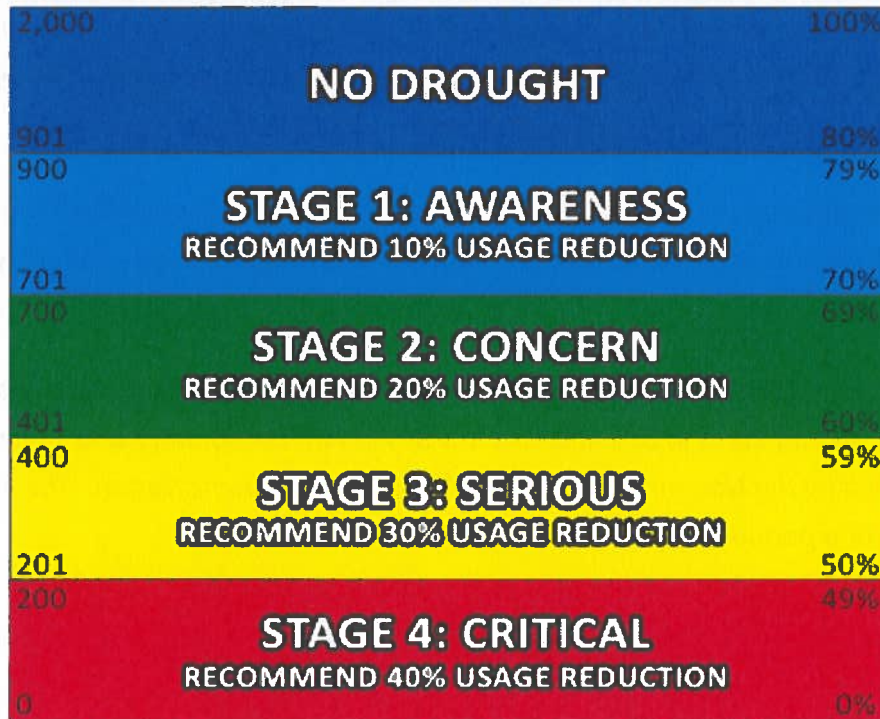
5.13 ft³/s - Jul 03, 2023 01:30:00 PM CDT



Trinity Aquifer—Drought Status Report

NO DROUGHT

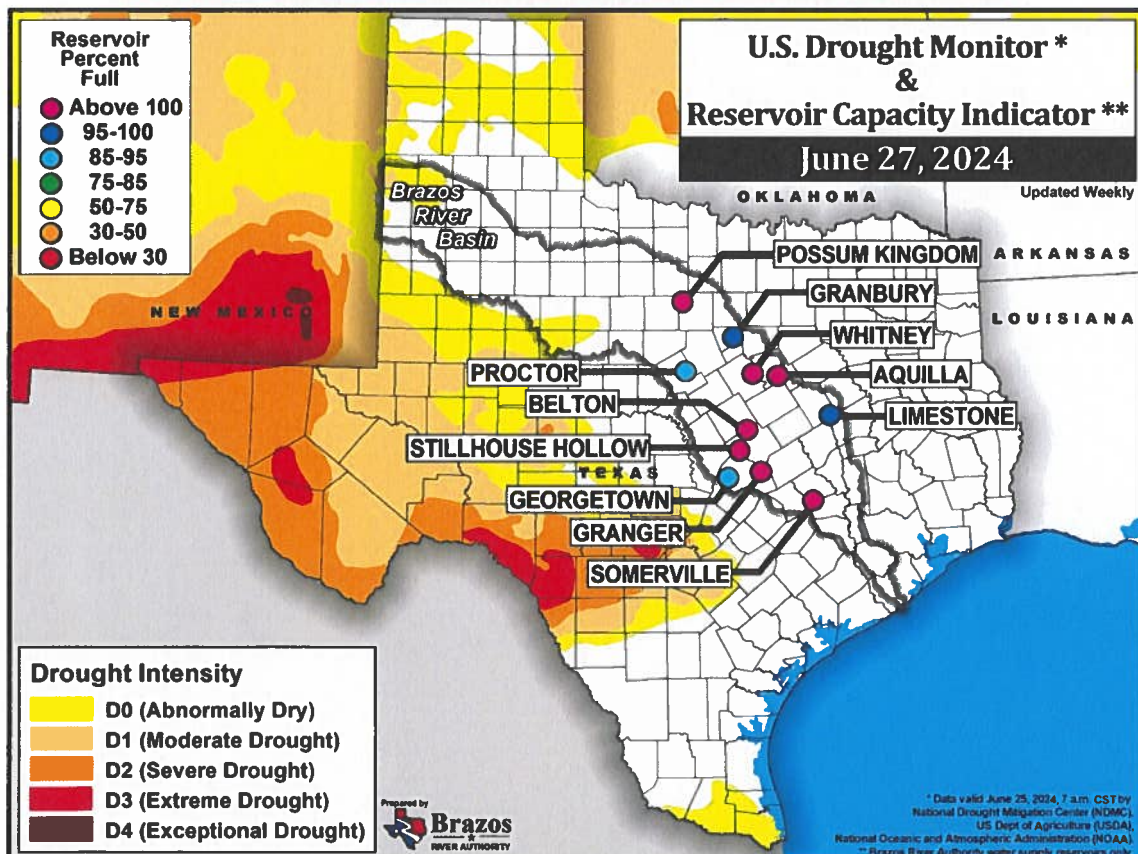
44.488 PDI
134.81%



Precipitation Deficit Index (PDI)

PDI is based on a 33" normal yearly average and is a 365 day running total.

AS OF 7/2/2024





Education Outreach Highlights 7/10/24

1. Goal: Improve our educational outreach efforts and expand our identified audiences (4th-5th grade, high school environmental sciences students, and the real estate sales community).

Goals and objectives in the Management Plan (A:3, A:4, B, F:1, F:2 pages 22-26).

- June 11 – Staff hosted the education trailer at the City of Harker Heights' Girls Outdoors Program. 20 in attendance.
- July 2 – Staff presented at the STEM Camp hosted by TAMU-CT. 17 in attendance.
- July 24 – Staff will present to the 4H2O Ambassadors on the Ag Water Tour.

2. Improve Communication and Reporting of Usage by well owners who are permitted (HEU or OP) by the district. Goals and objectives in the Management Plan (A:1, A:2, A:3, G:1, G:2, pages 22-23).

- Working with LRE Water to make enhancements to the Database Management platform.
- Most of our permitted users are entering their monthly water usage online now.

3. Increase the District Communication strategically by expanding the utilization of media sources. Goals and objectives in the Management Plan (A:1, A:2, A:3, G:1, G:2, pages 22-23).

- Continually adding more information to the website to make it a valuable resource to Bell County.
- Staff sends out a quarterly newsletter via MailChimp that contains pertinent information.

4. Improve Annual Reporting accuracy and timeliness per State-mandated Legislation and Management Plan. Goals and objectives in the Management Plan (A:1,2,3,4; B; C; D; E; F; g pages 22-26).

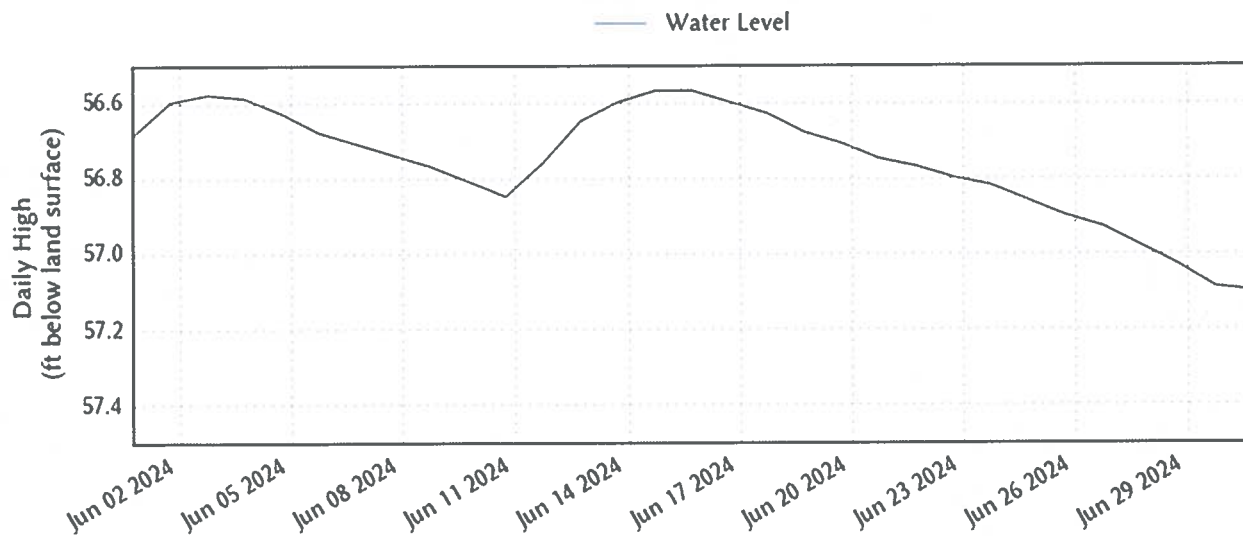
- Staff is planning the 23rd Annual Bell County Water Symposium to be held on November 13, 2024.

June 2024

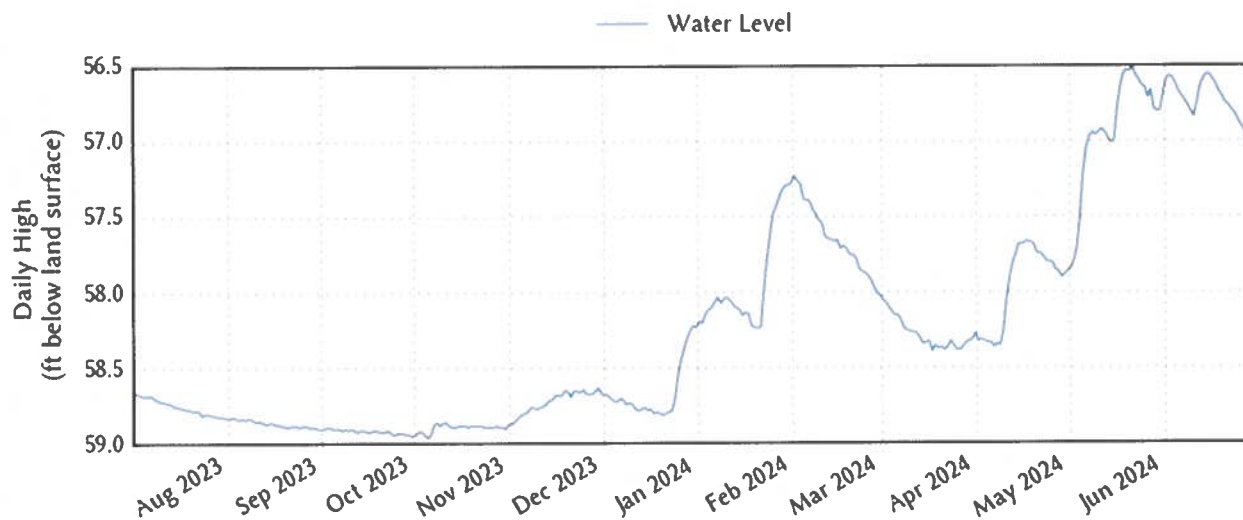
**Continuous Monitoring Well # 5803702
(Gault Site - Williamson County)
Edwards Aquifer**

Last 30 Days

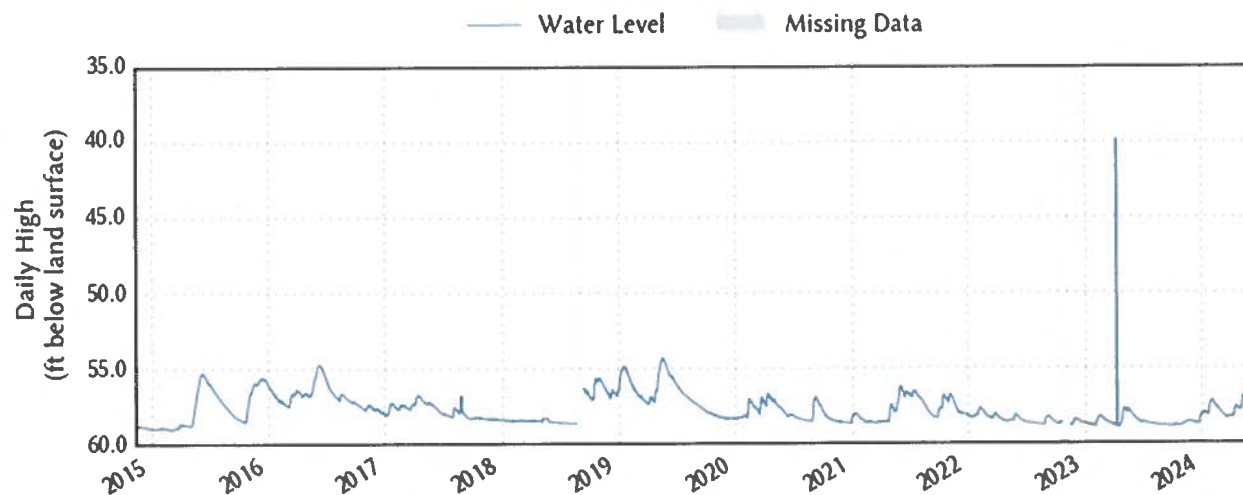
Total Depth: 110 ft



1 Year



Period Of Record

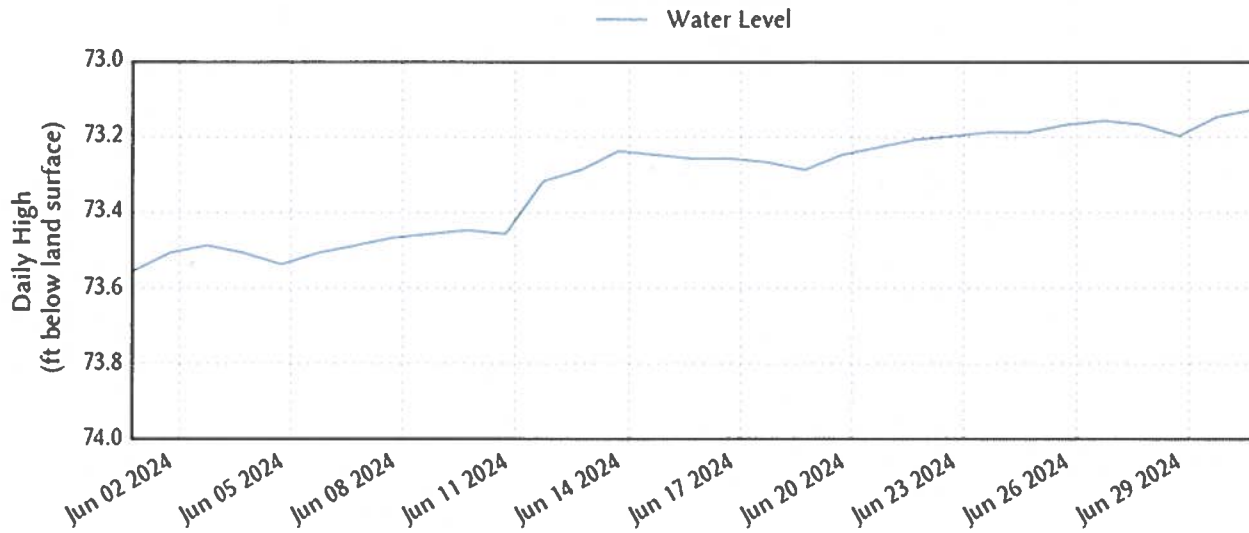


July 2024

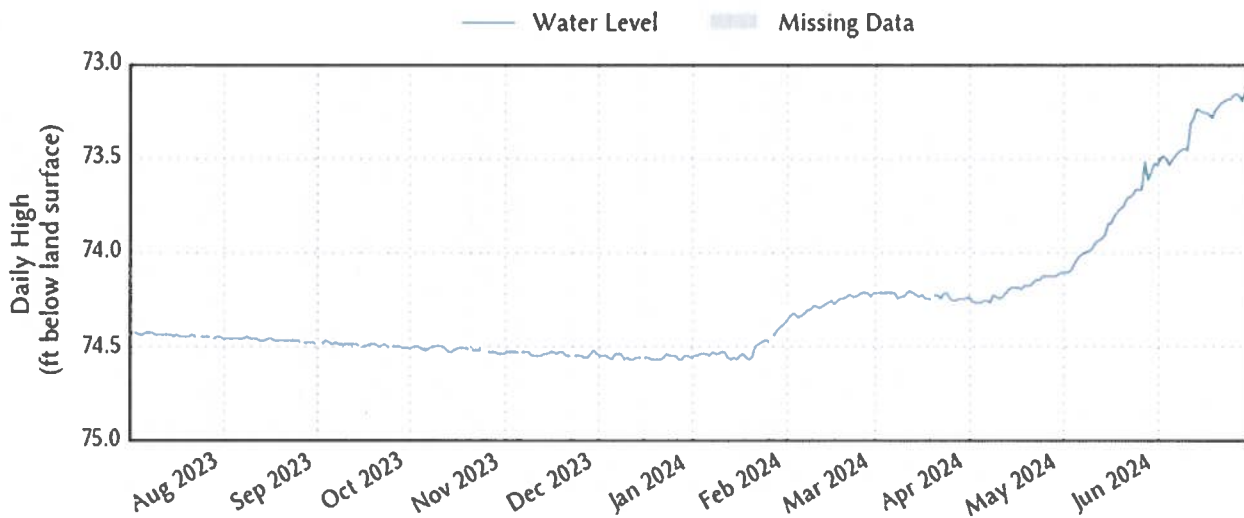
**Continuous Monitoring Well # 5804702
(FM 2843 - Patterson's Crossing - Salado Creek)
Edwards Aquifer**

Last 30 Days

Total Depth: 95 ft



1 Year



Period Of Record

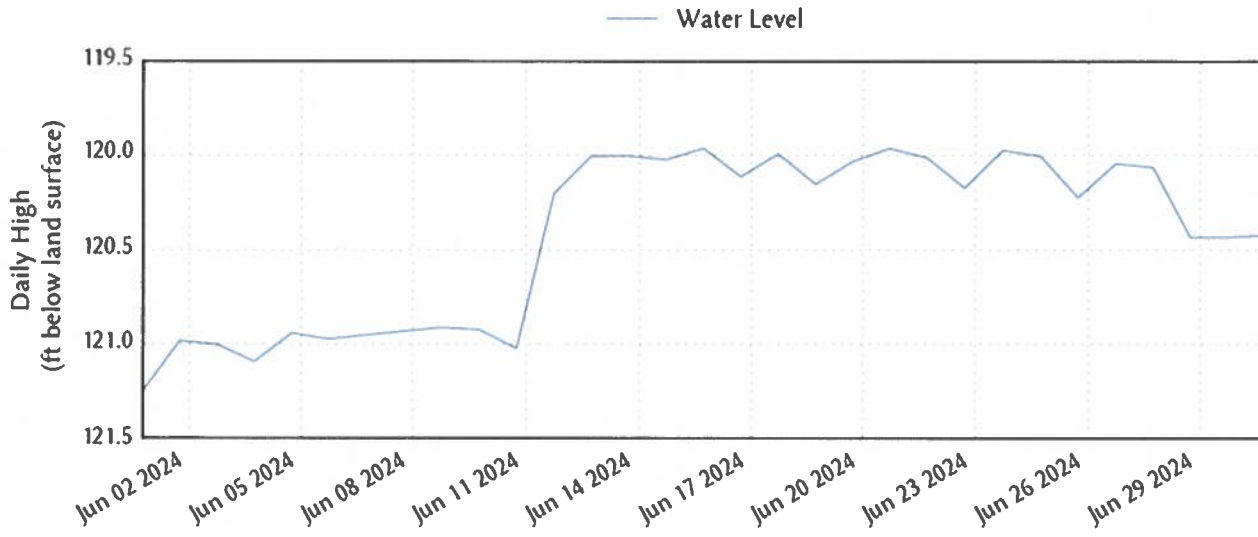


July 2024

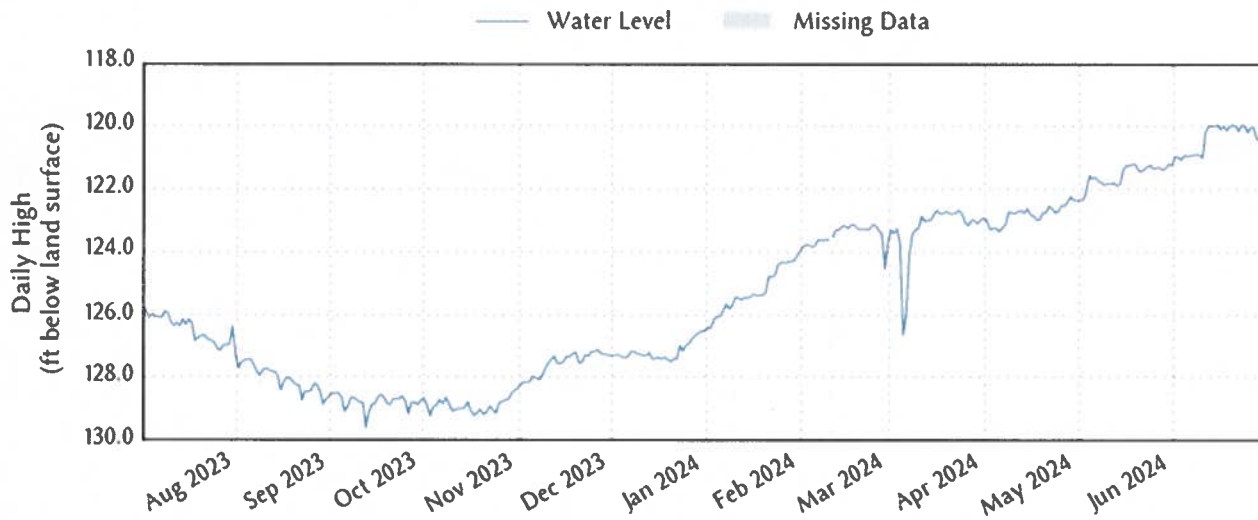
**Continuous Monitoring Well # 5804816
(IH-35 Rest Stop - West)
Edwards Aquifer**

Last 30 Days

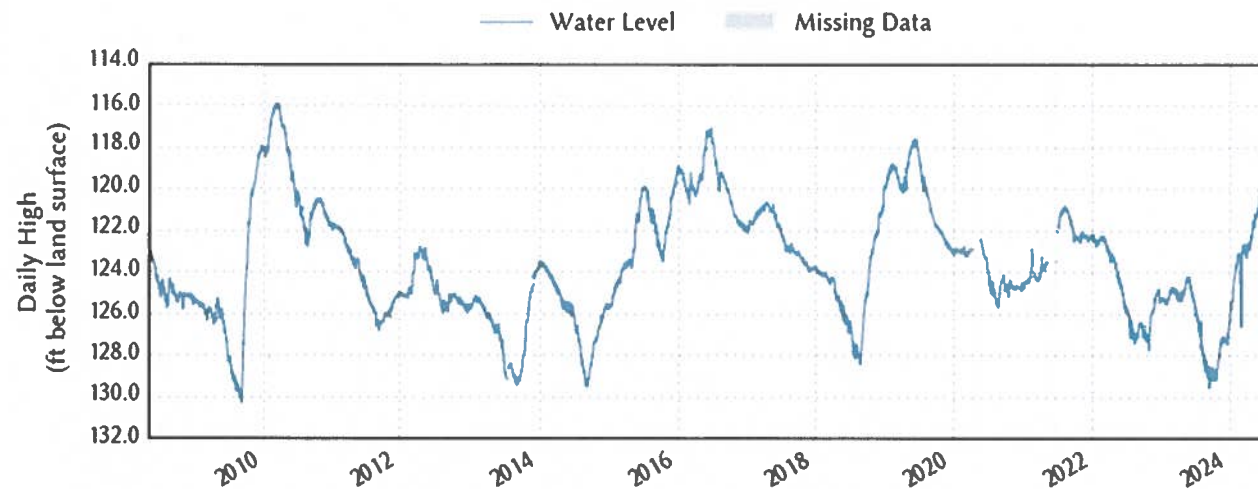
Total Depth: 170 ft



1 Year



Period Of Record

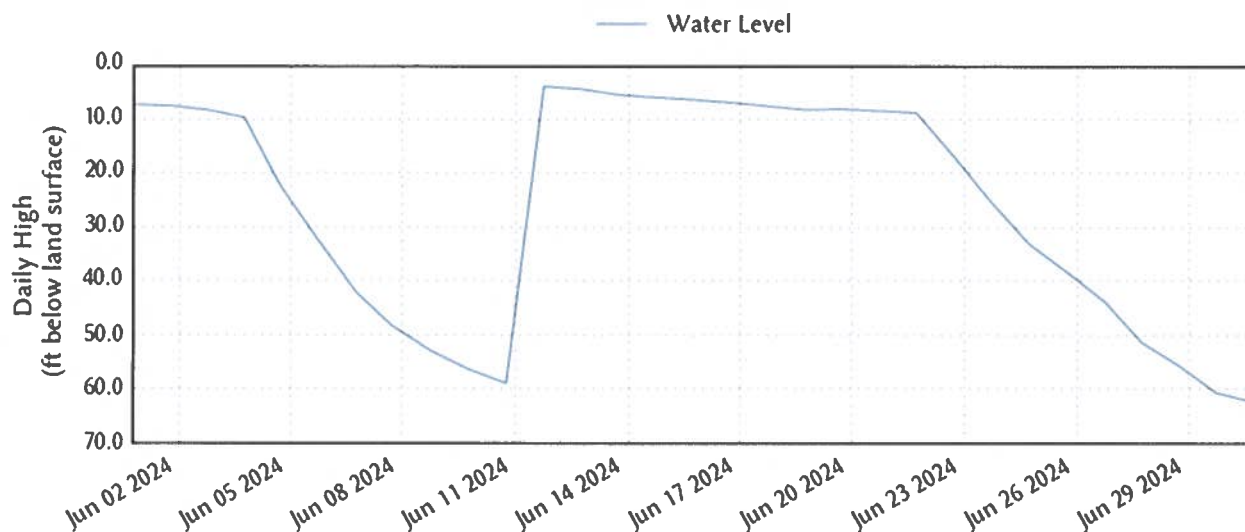


July 2024

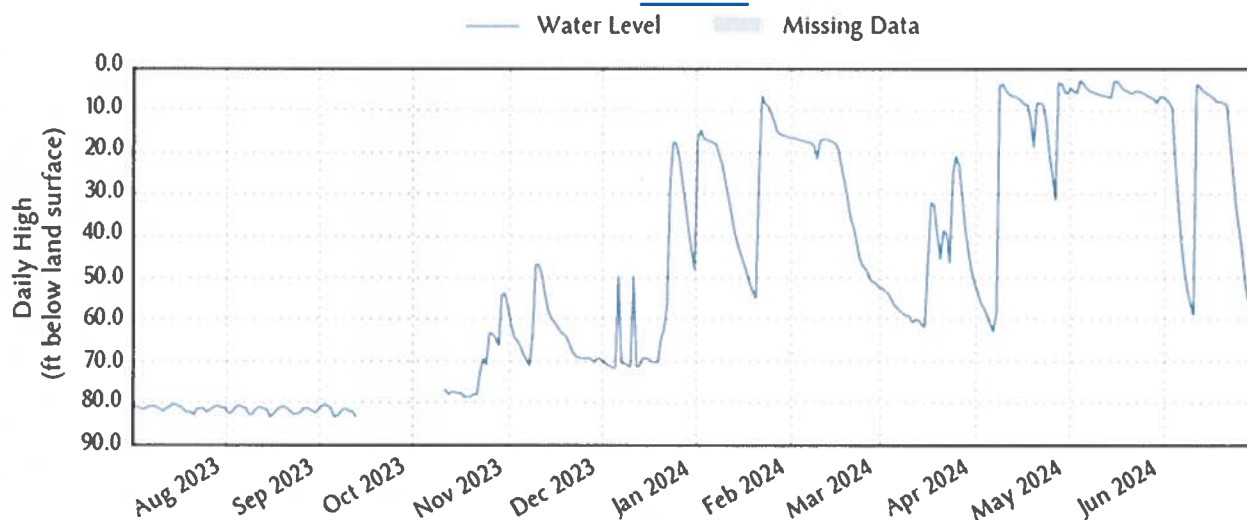
Continuous Monitoring Well # 5804628
(Salado Cemetery)
Edwards Aquifer

Last 30 Days

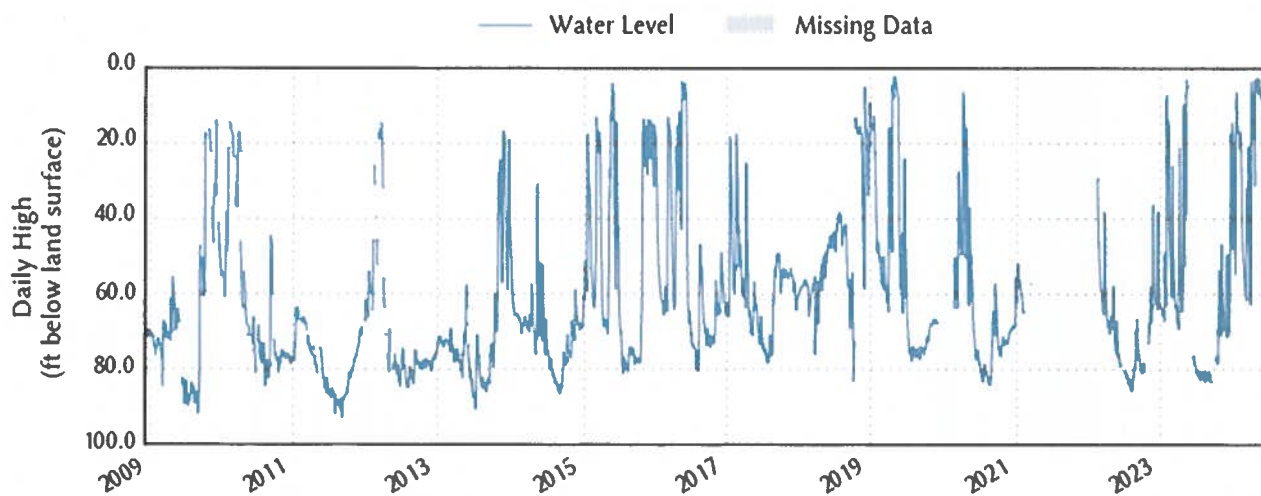
Total Depth: 129 ft



1 Year



Period Of Record

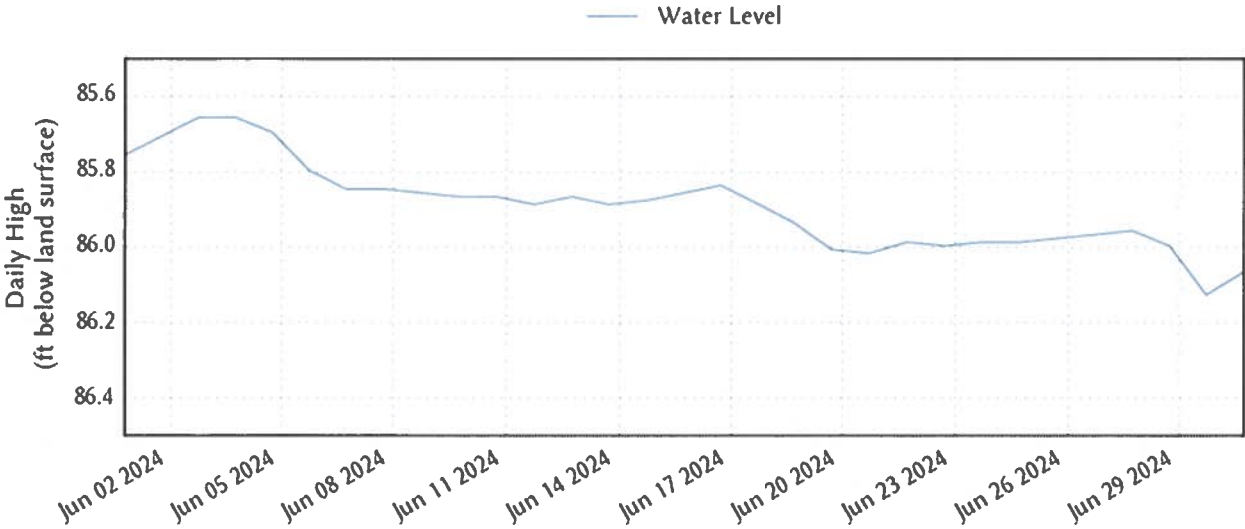


July 2024

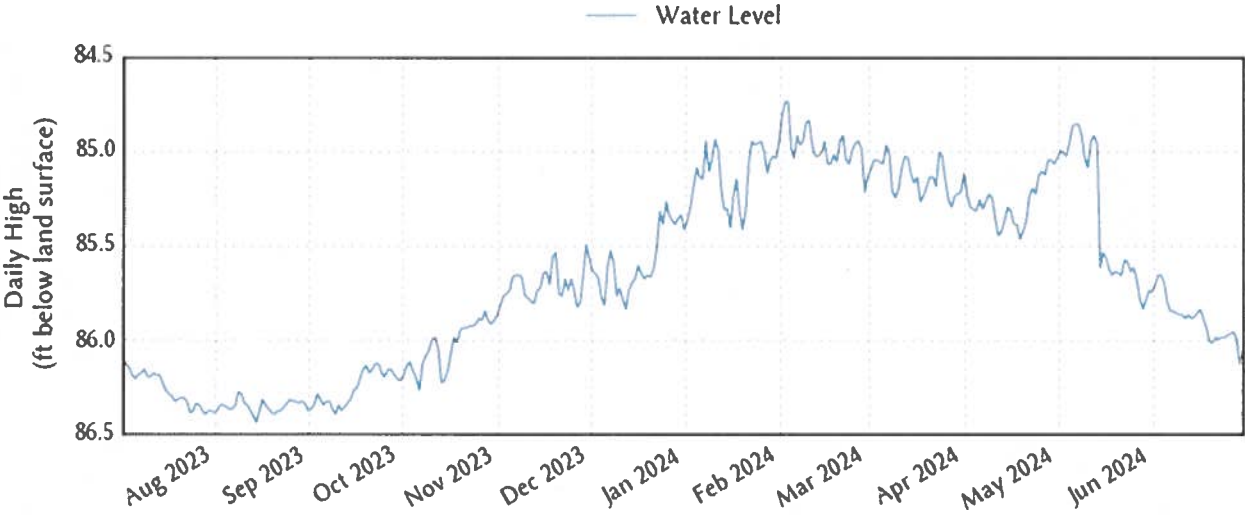
Continuous Monitoring Well # 4058201
(Central Texas College - Ranch Rd)
Upper Trinity Aquifer

Last 30 Days

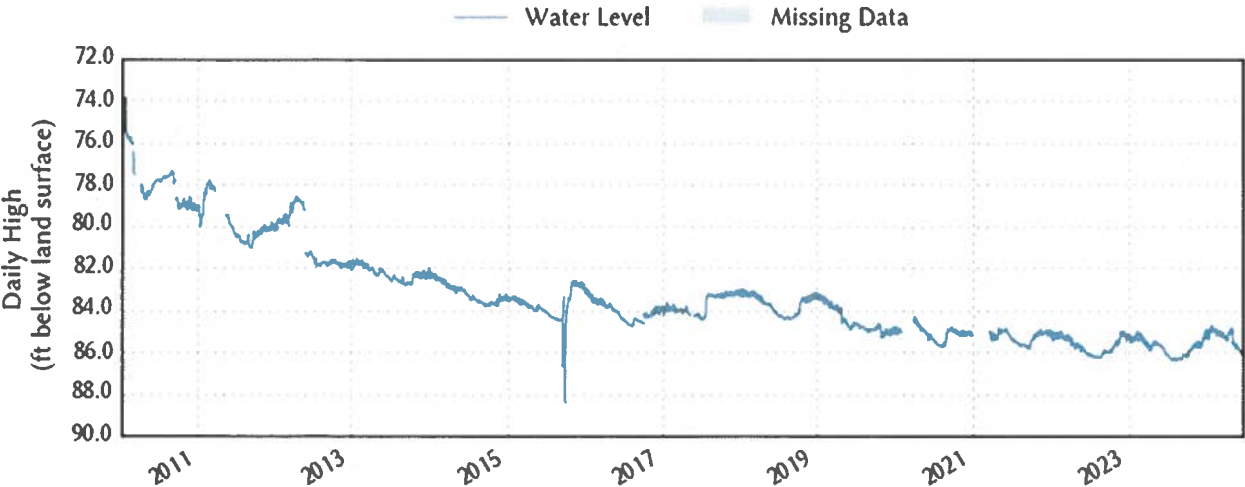
Total Depth: 435 ft



1 Year



Period Of Record



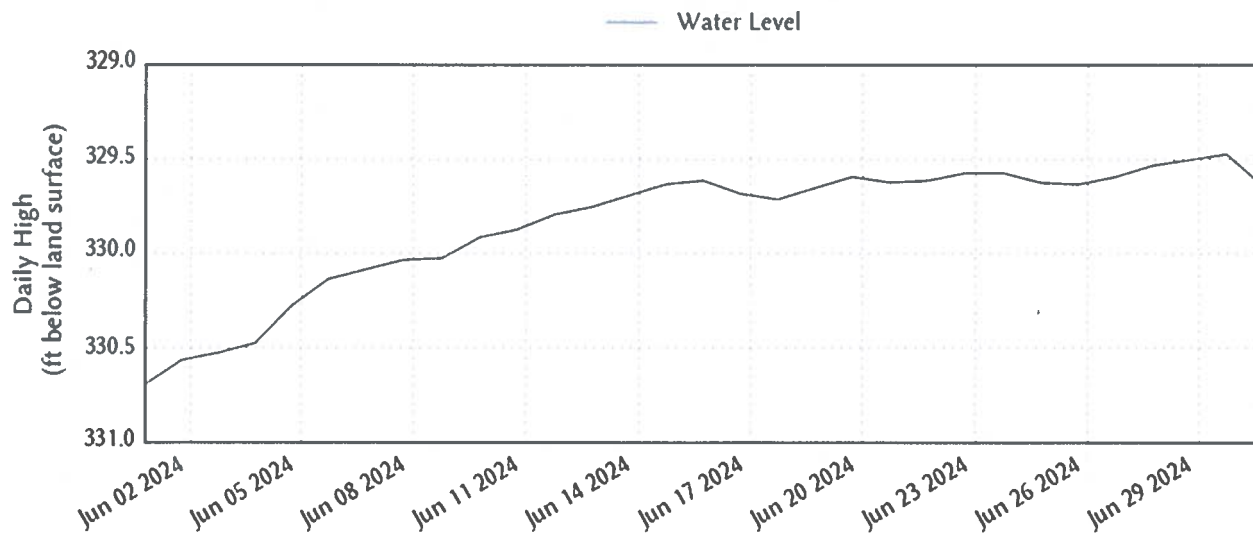
July 2024

Continuous Monitoring Well # 4057601

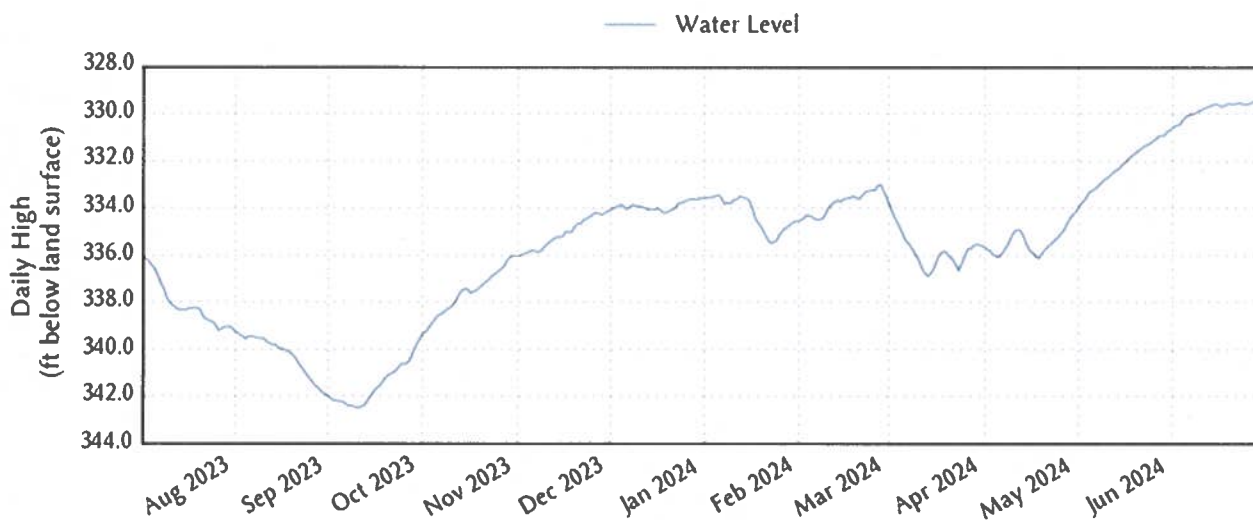
**(Copperas Cove)
Middle Trinity Aquifer**

Total Depth: 469ft

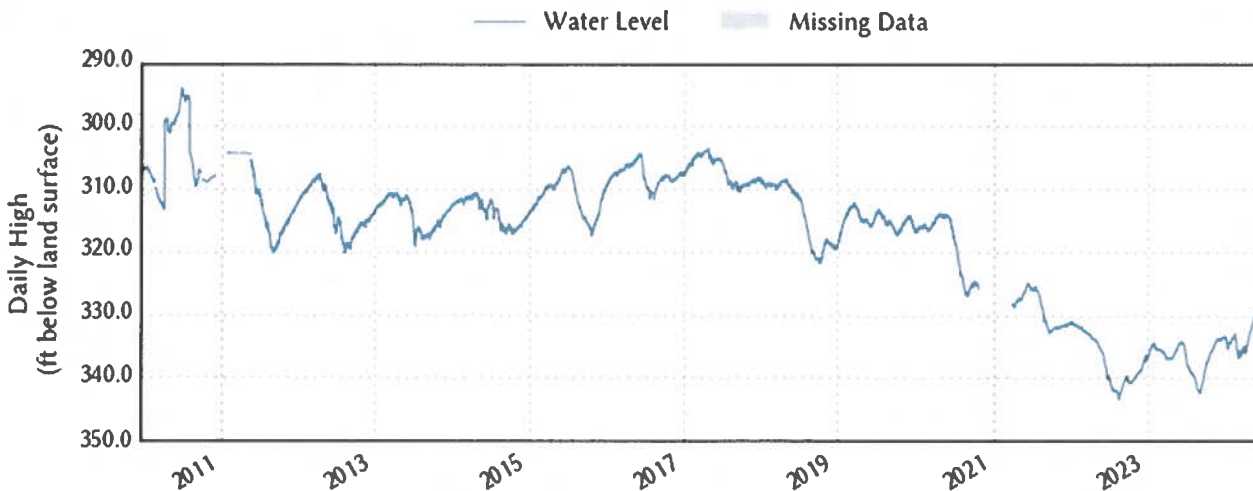
Last 30 Days



1 Year



Period Of Record

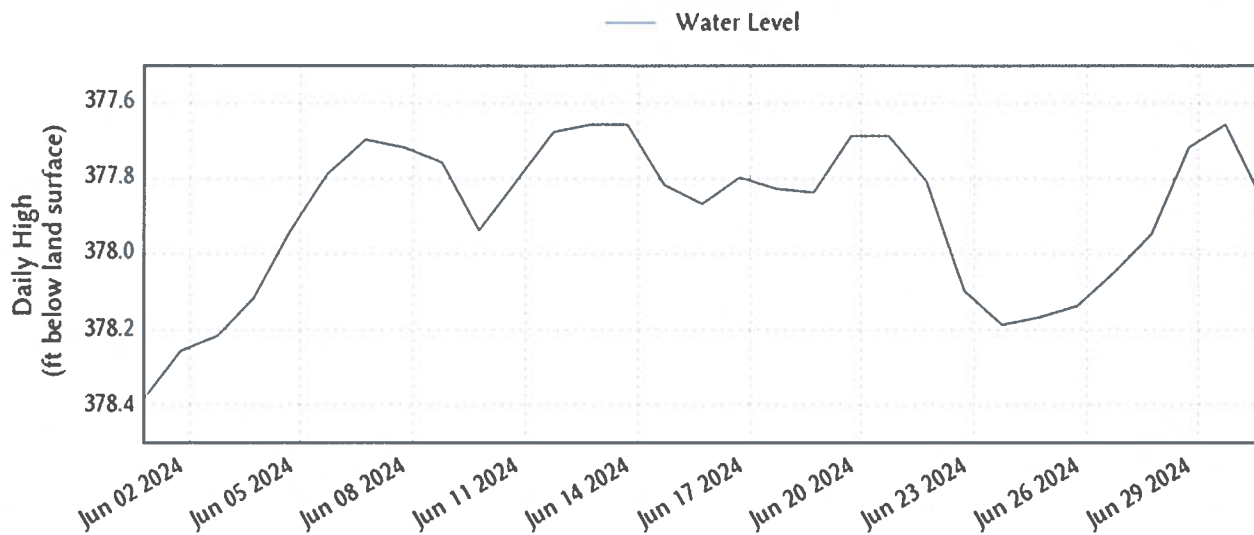


July 2024

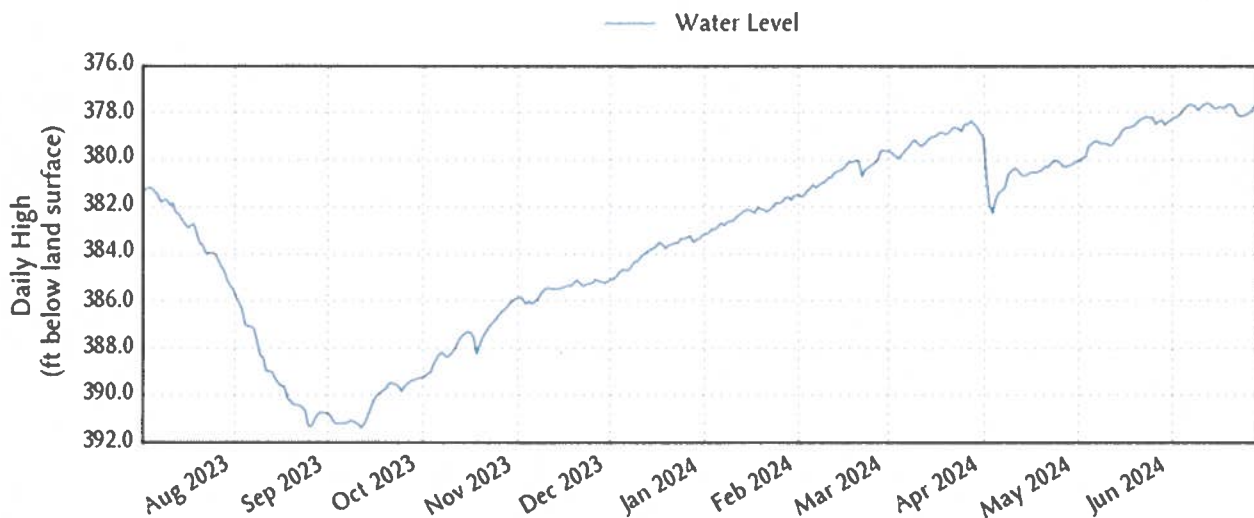
**Continuous Monitoring Well # 5802304
(Killeen - River Ridge Ranch Park Well #1)
Middle Trinity Aquifer**

Last 30 Days

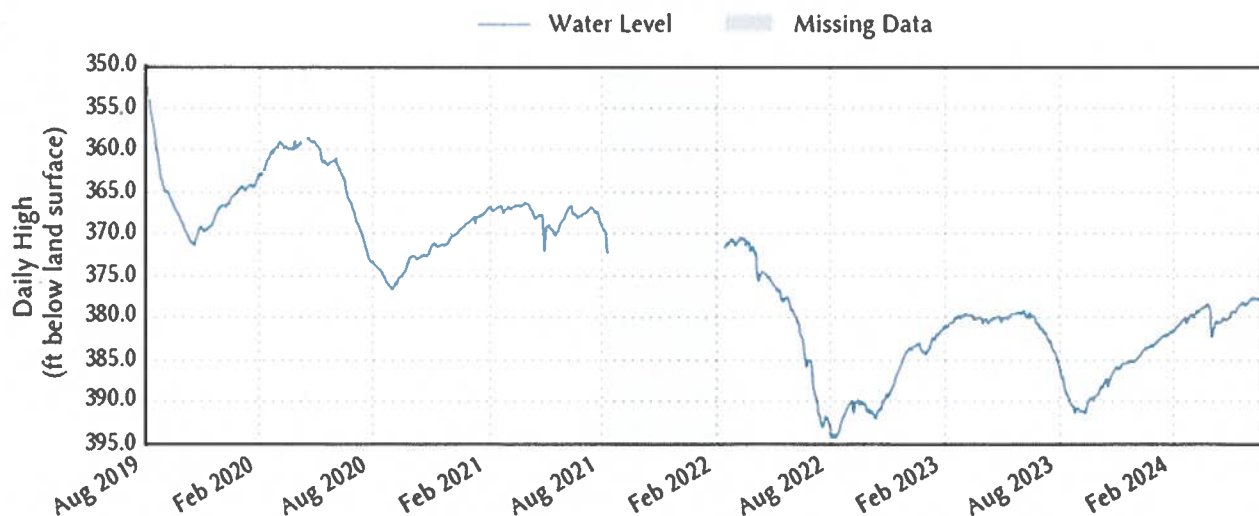
Total Depth: 467 ft



1 Year



Period Of Record

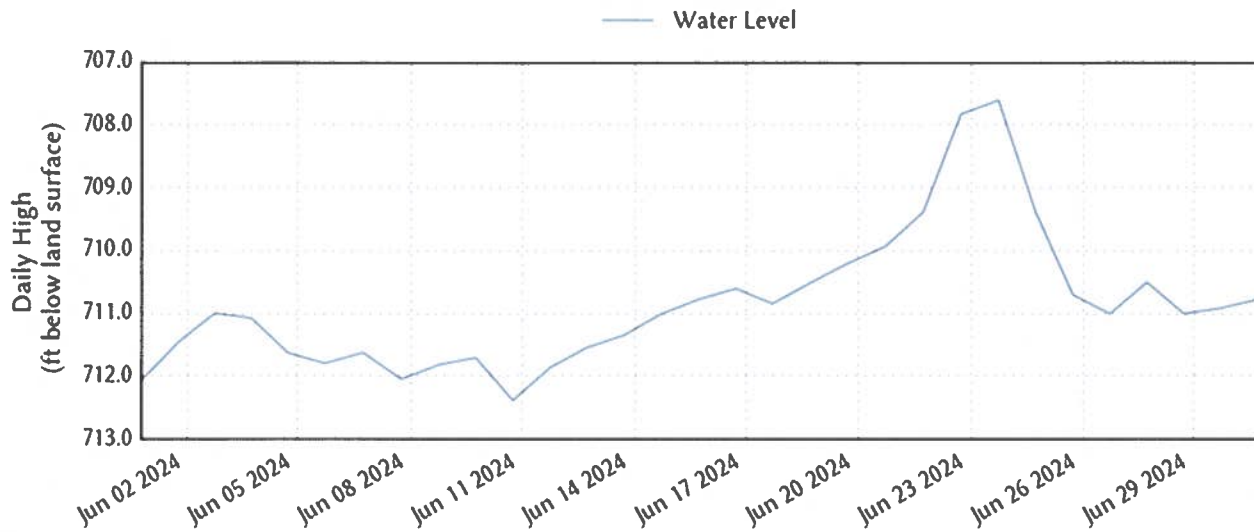


July 2024

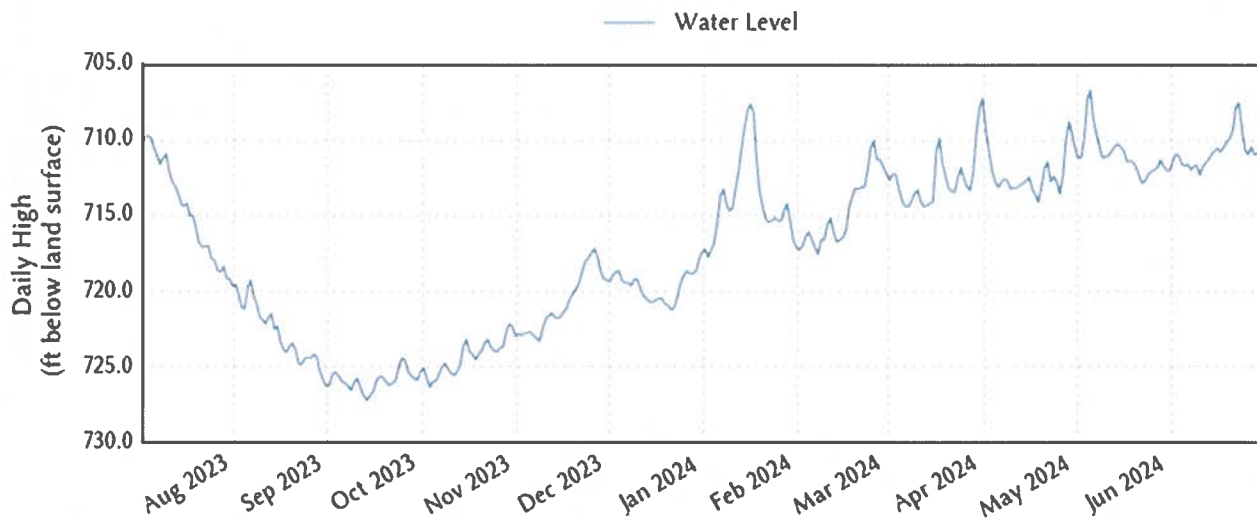
**Continuous Monitoring Well # 5803701
(Gault Site - Williamson County)
Middle Trinity Aquifer**

Last 30 Days

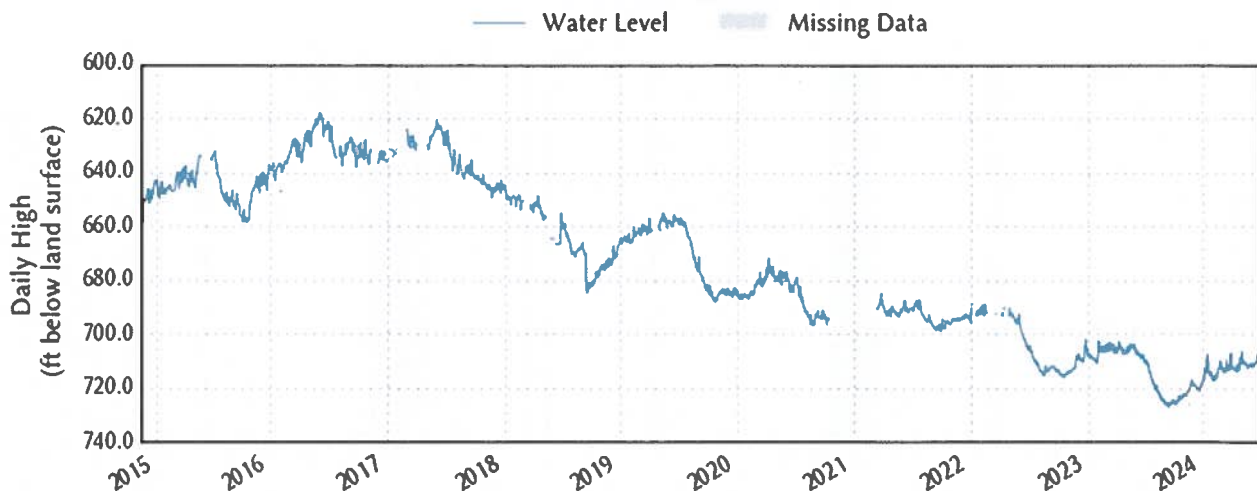
Total Depth: 880 ft



1 Year



Period Of Record

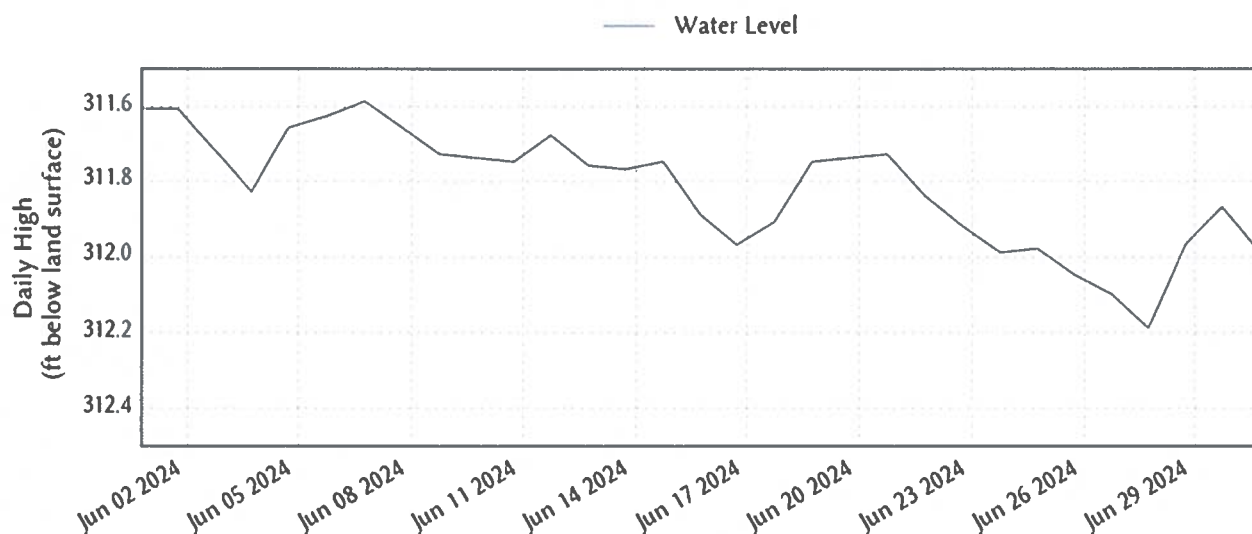


July 2024

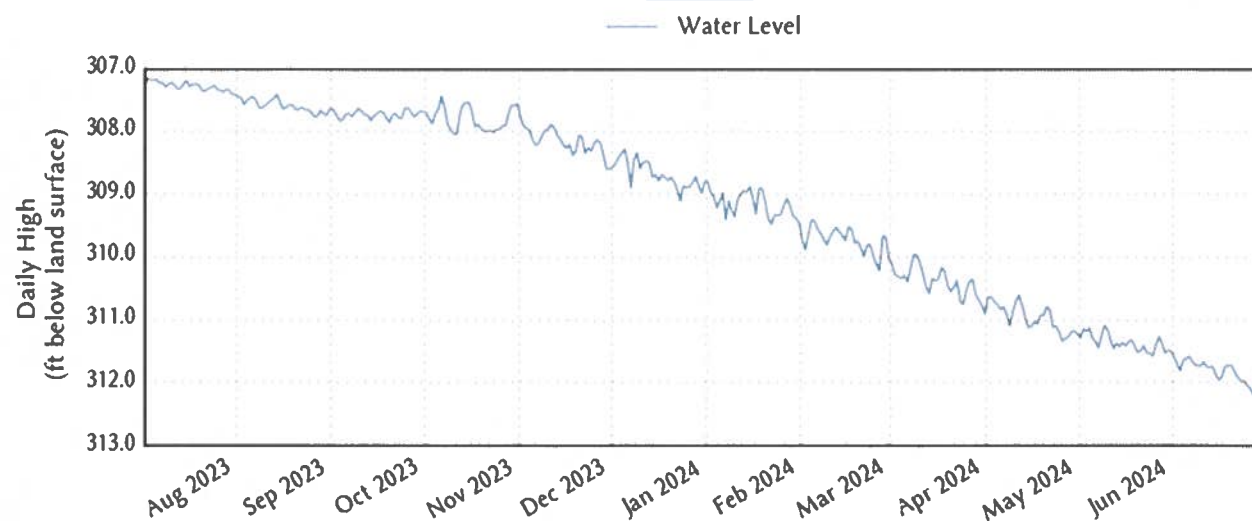
**Continuous Monitoring Well # 4057602
(Copperas Cove)
Lower Trinity Aquifer**

Last 30 Days

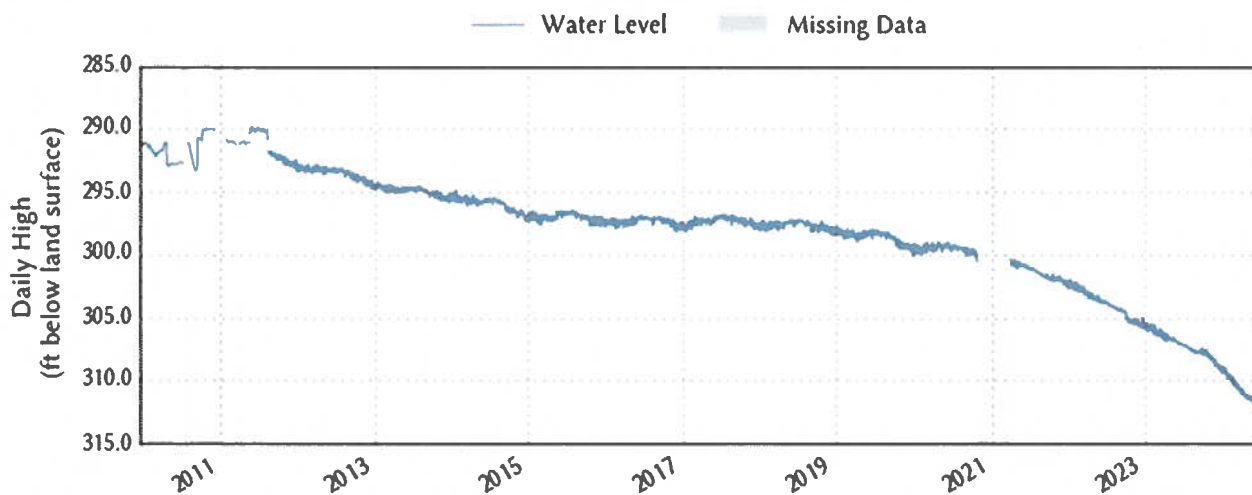
Total Depth: 629 ft



1 Year



Period Of Record

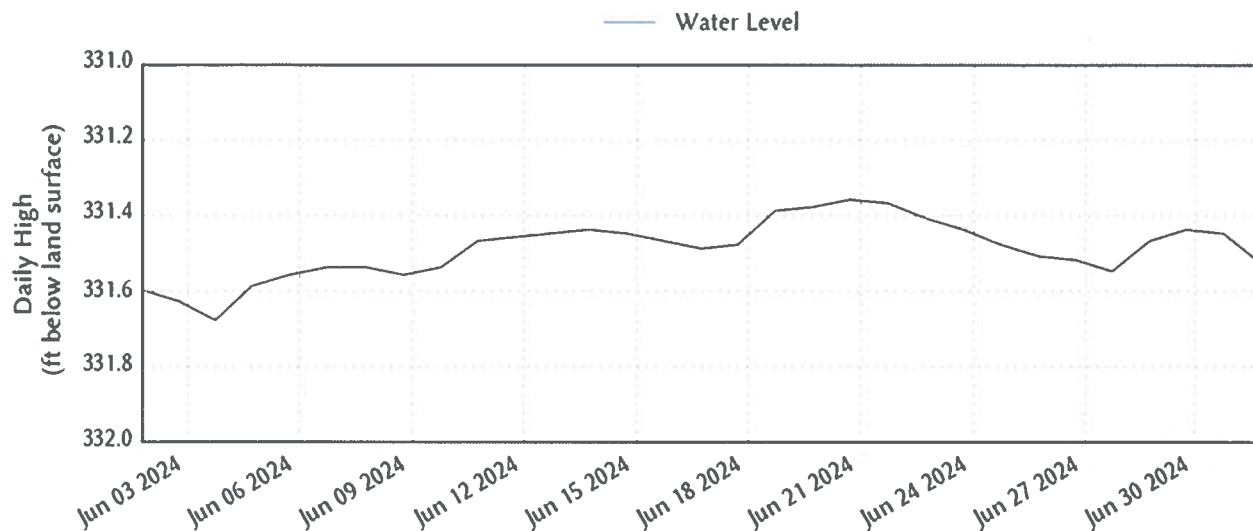


July 2024

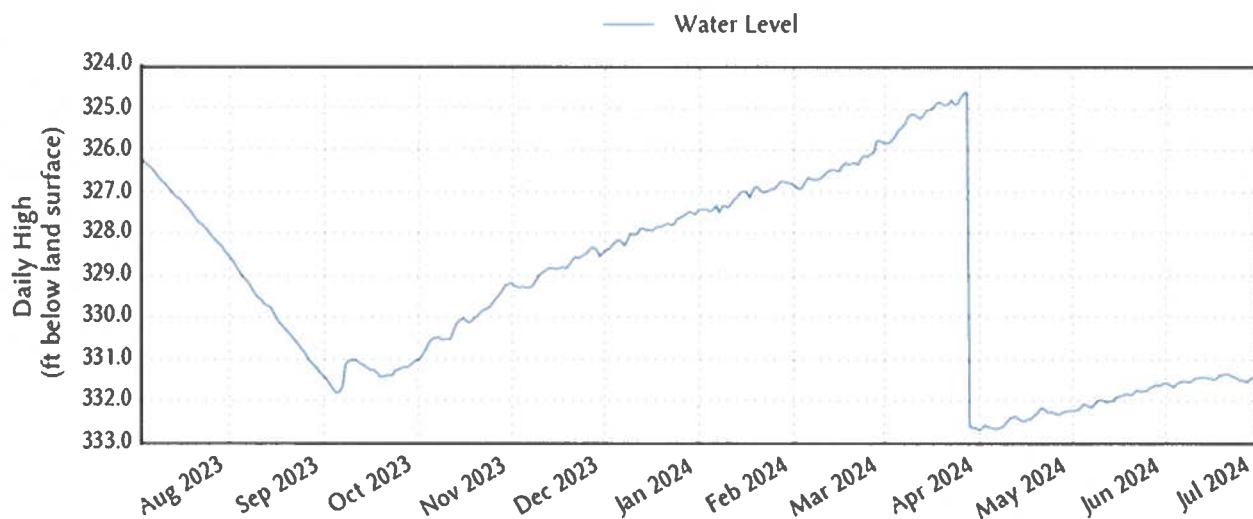
**Continuous Monitoring Well # 5802303
(Killeen - River Ridge Ranch Park Well #2)
Lower Trinity Aquifer**

Last 30 Days

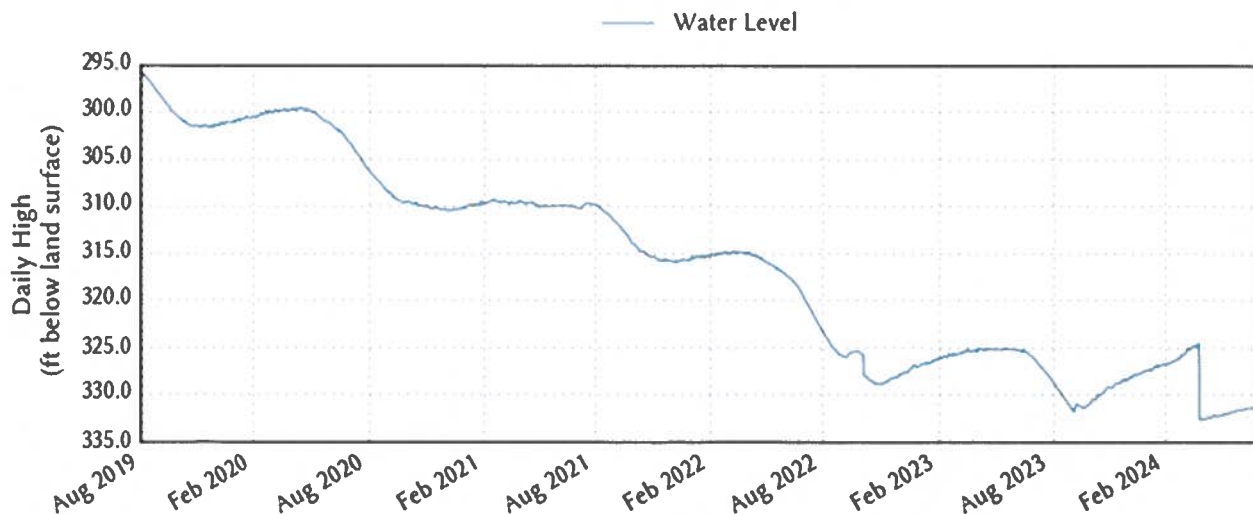
Total Depth: 637 ft



1 Year



Period Of Record

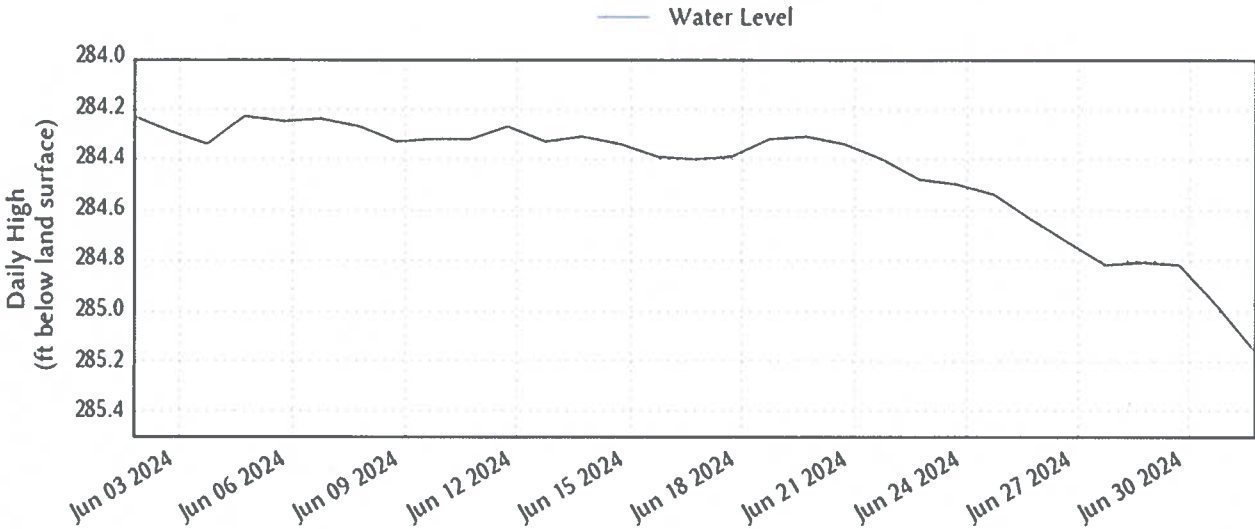


July 2024

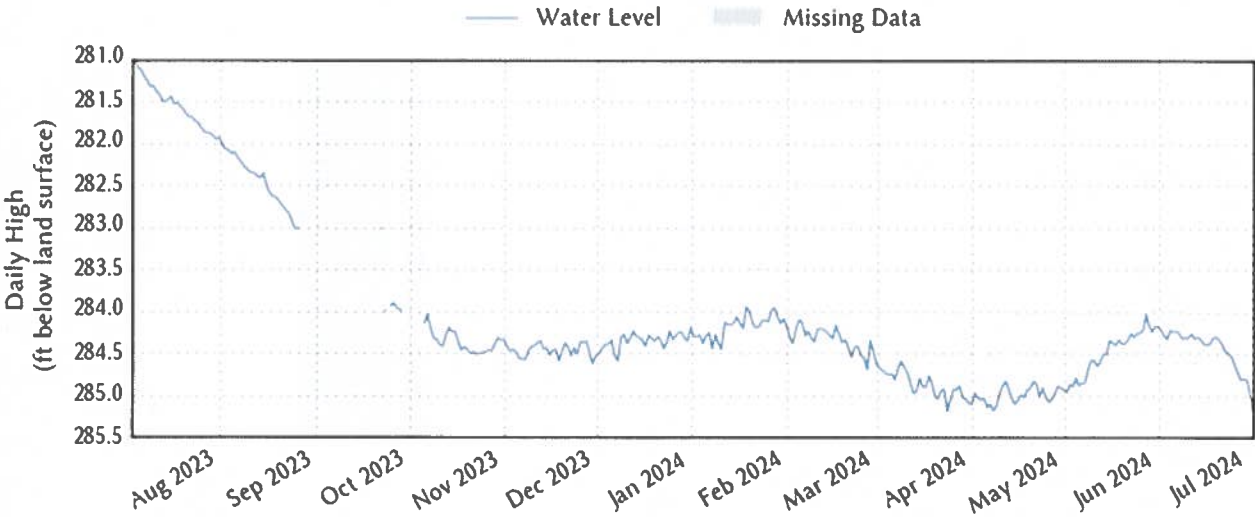
Continuous Monitoring Well # 4061509
(Temple - Pea Ridge Well)
Lower Trinity Aquifer

Last 30 Days

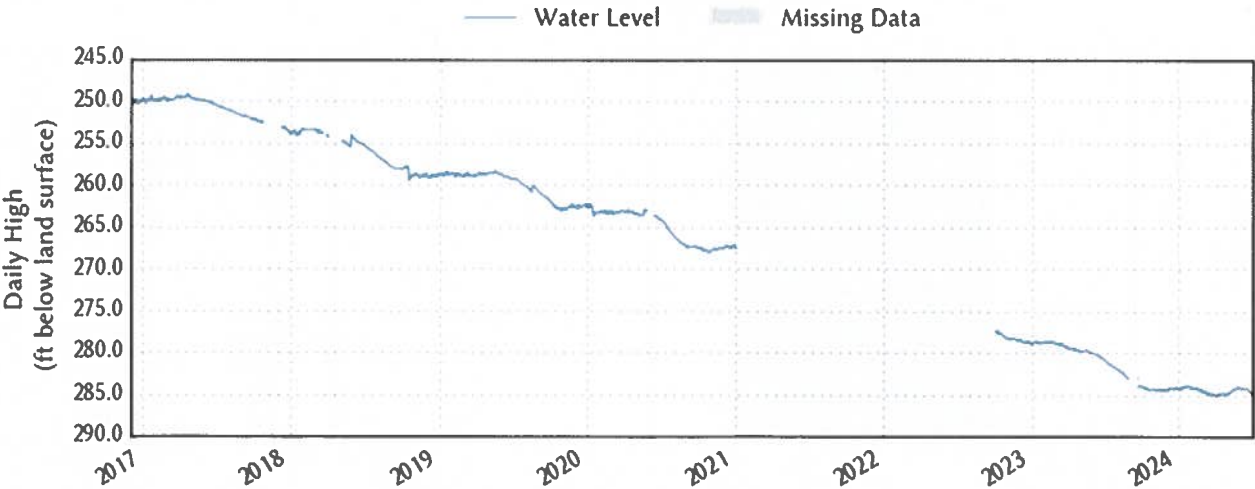
Total Depth: 1,261 ft



1 Year



Period Of Record

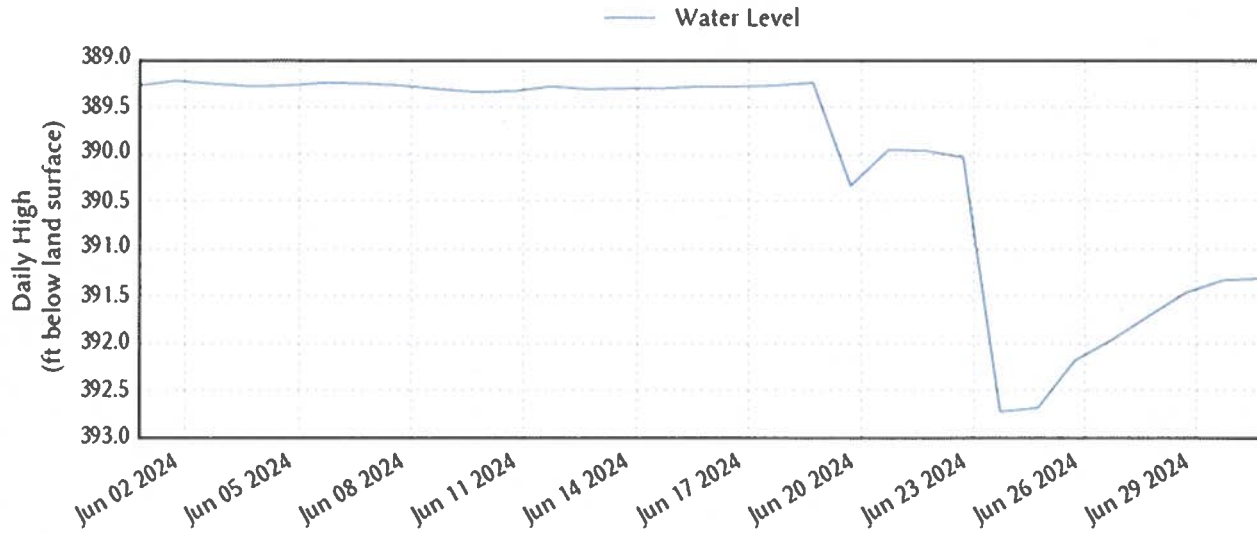


July 2024

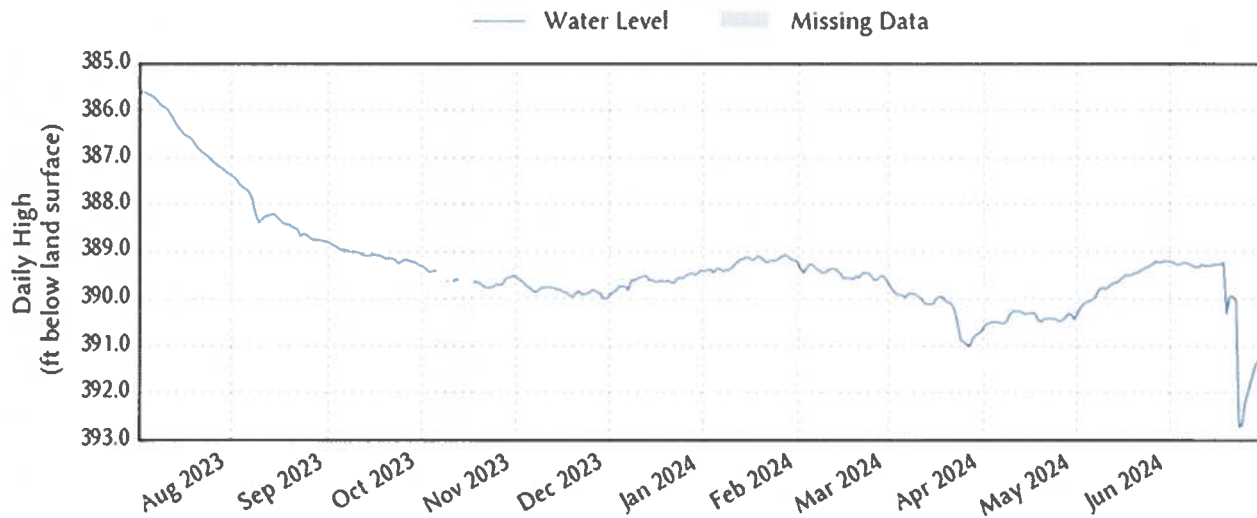
**Continuous Monitoring Well # 4062501
(Temple - Acres Well)
Lower Trinity Aquifer**

Last 30 Days

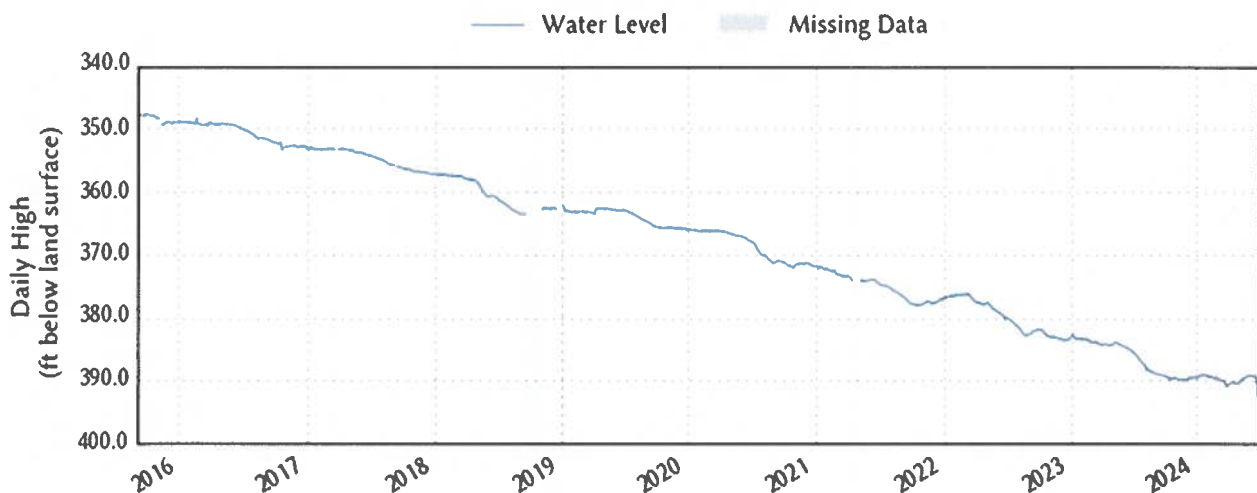
Total Depth: 2,236 ft



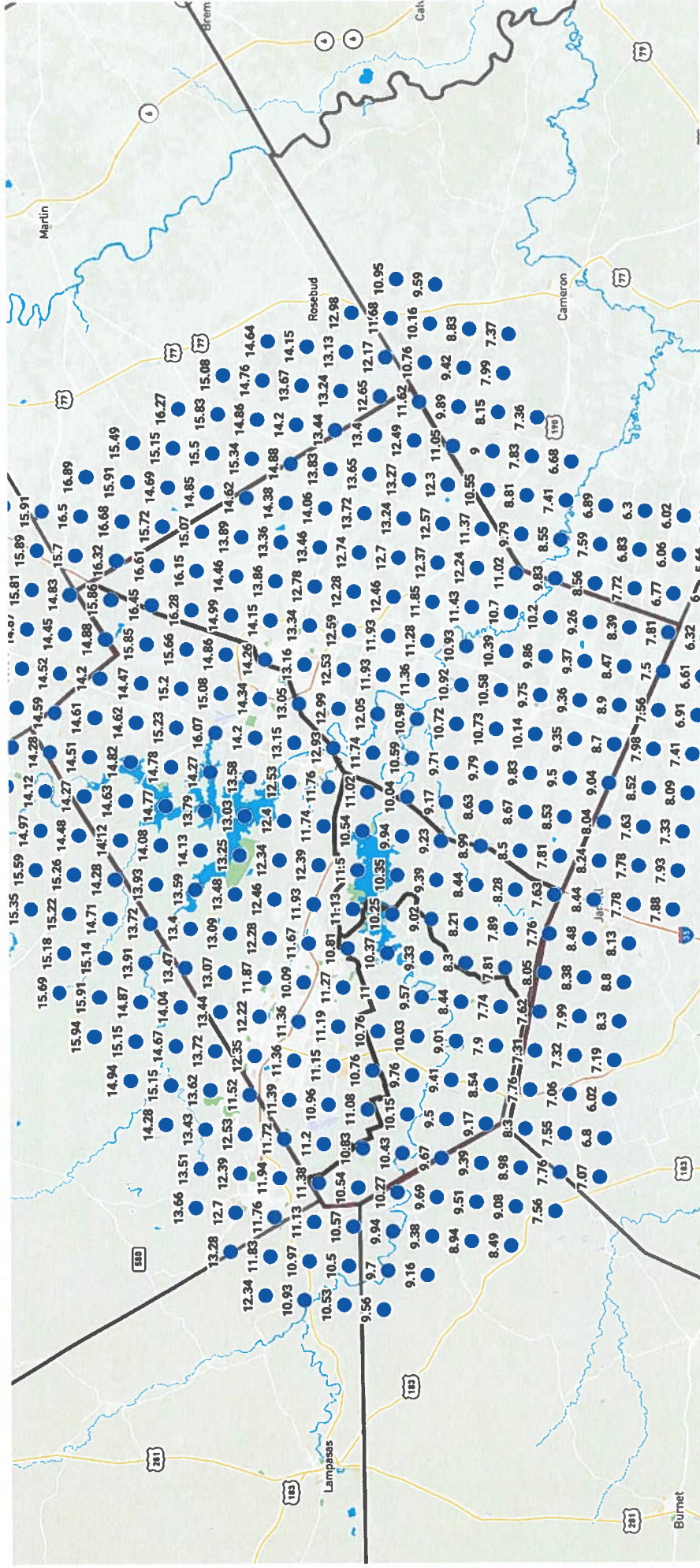
1 Year



Period Of Record



CUWCD Map NOAA 30 Day Rainfall Created: July 2nd 2024, 1:13pm



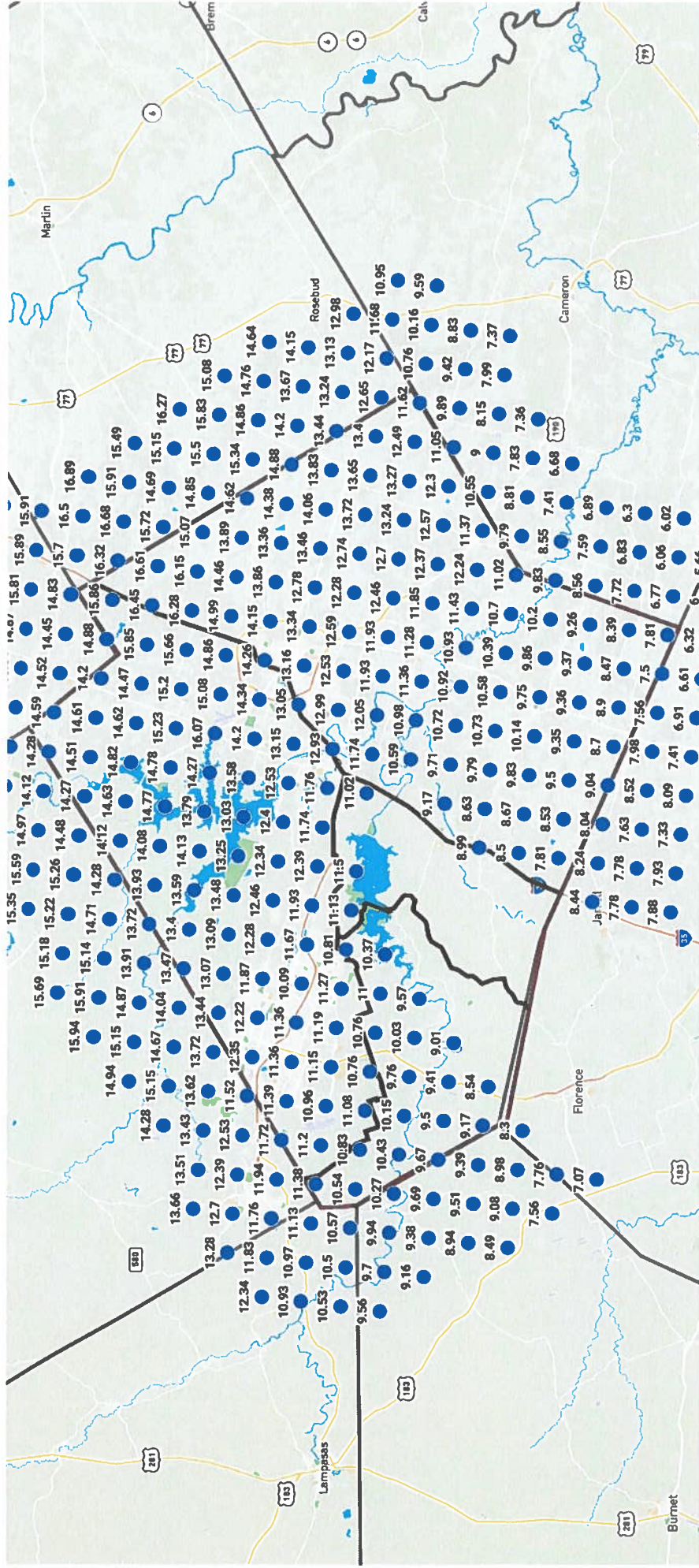




CUWCD Map

NOAA 30 Day Rainfall - Trinity

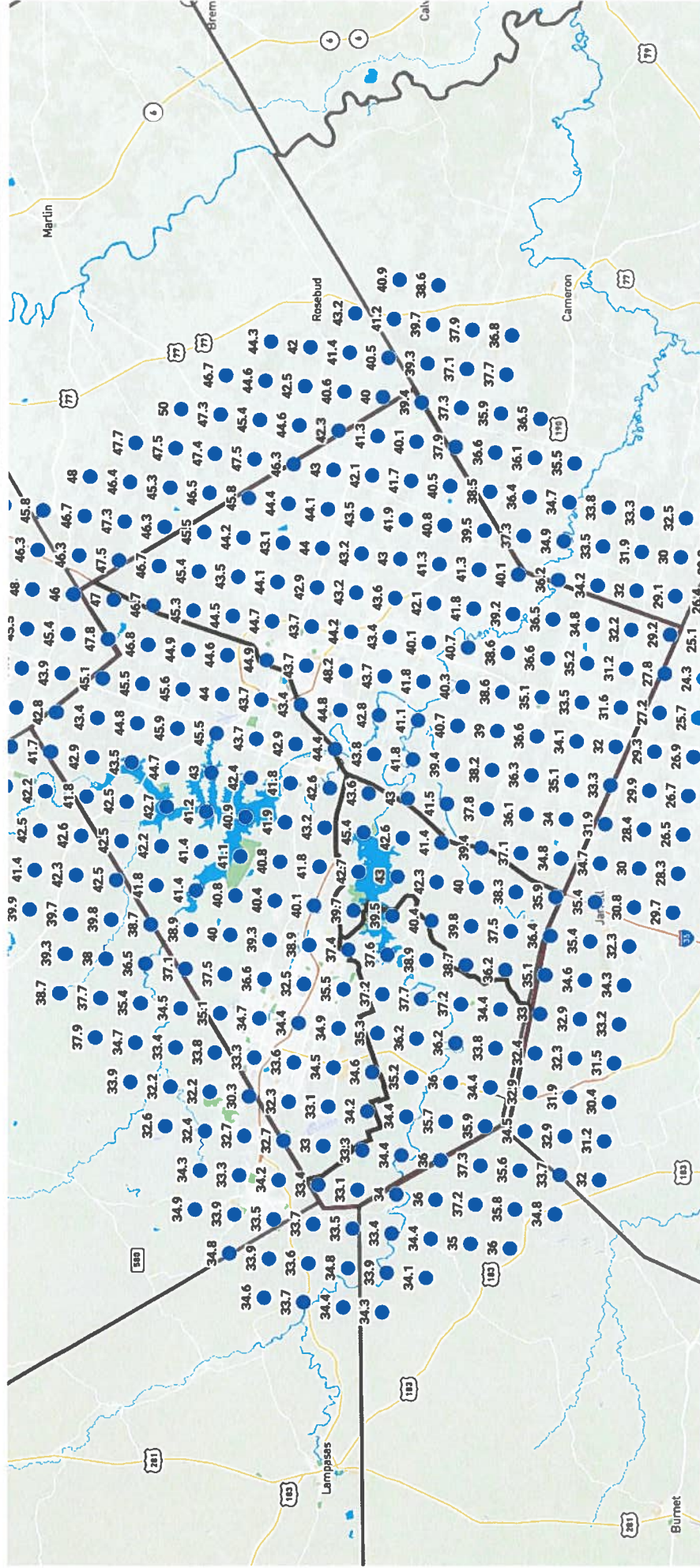
Created: July 2nd 2024, 1:13pm



CUWCD Map

NOAA 365 Day Rainfall

Created: July 2nd 2024, 1:14pm



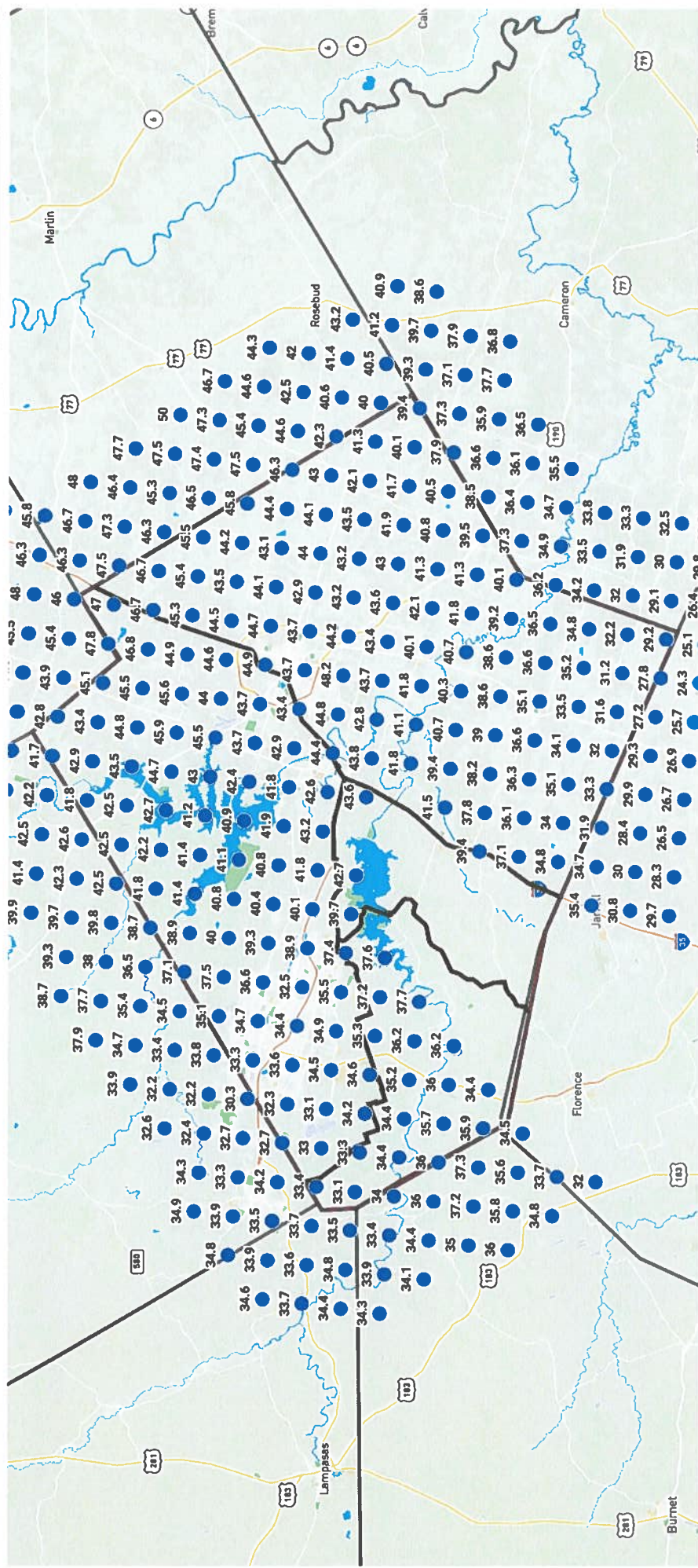
10 mi



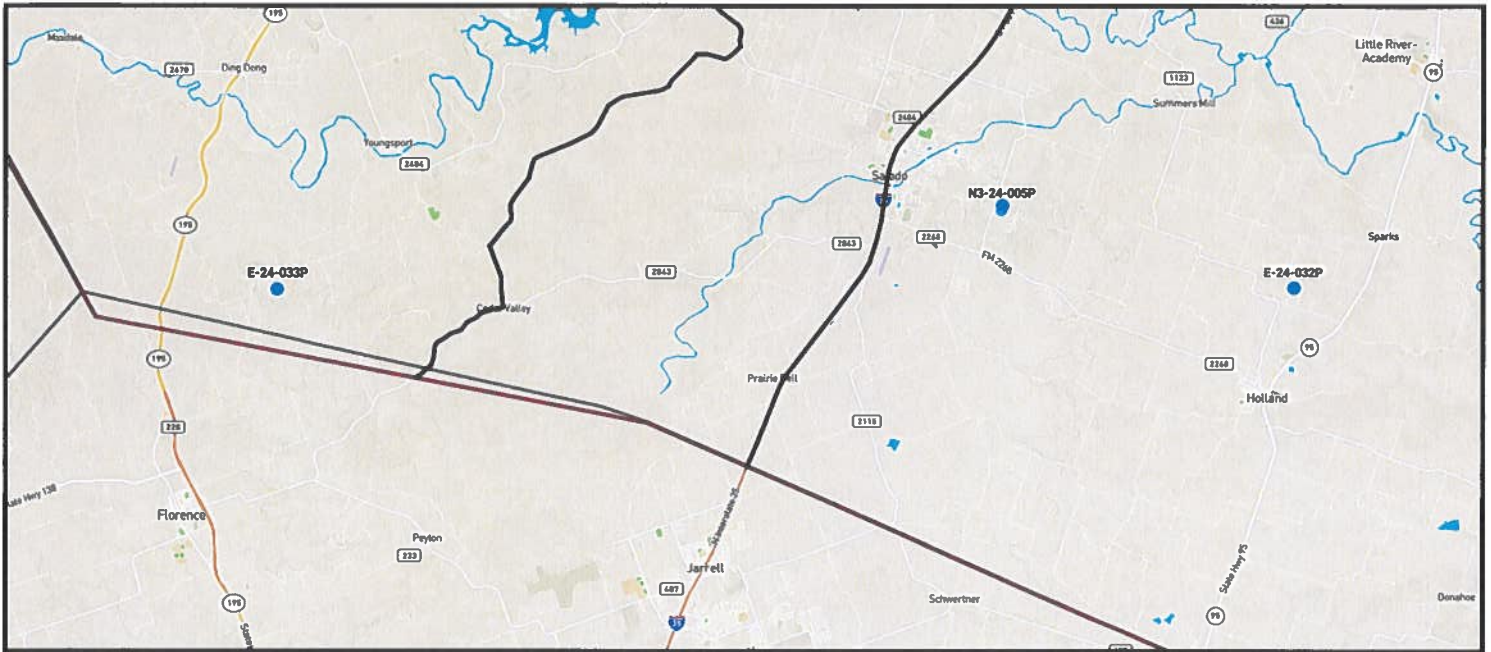
CUWCD Map

NOAA 365 Day Rainfall - Trinity

Created: July 2nd 2024, 1:14pm



Registered Wells - June 2024



<u>Well #</u>	<u>Owner</u>	<u>Address</u>	<u>City</u>	<u>Aquifer</u>	<u>Depth</u>	<u>Use</u>	<u>Status</u>
E-24-032P	Tepera	12165 Ponderosa Rd	Holland	Alluvial	60	Domestic	Proposed
E-24-033P	Horne	20801 Stillman Valley Rd	Florence	Low Trinity	880	Domestic	Proposed
N3-24-005P	Linnemann	3590 Royal St	Salado	Edw (BFZ)	450	Domestic	Proposed
N3-24-006P	Linnemann	3590 Royal St	Salado	Edw (BFZ)	450	Domestic	Proposed
N3-24-007P	Linnemann	3590 Royal St	Salado	Edw (BFZ)	450	Domestic	Proposed

Well Registration Totals - June 2024

Year	Exempt Wells		Non-Exempt Wells				Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Class 3	Water	Envr	
2002 - 2023	4494	1281	112	37	67	9	24	121	6145
2024 - Jan	0	7	0	0	0	0	0	0	7
Feb	2	4	0	0	0	2	0	0	8
Mar	3	3	1	0	0	0	0	0	7
April	1	6	0	0	0	0	0	0	7
May	1	4	0	0	0	1	0	0	6
June	0	2	0	0	0	3	0	0	5
July	0	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0	0
Oct	0	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0	0
Total 2024	7	26	1	0	0	6	0	0	40
Grand Totals	4501	1307	113	37	67	15	24	121	6185

Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells				Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Class 3	Water	Envr	
2002-Present	4501	1307	113	37	67	15	24	121	6185
**Never Drilled	N/A	-41	N/A	-5	-10	0	-1	0	-57
**Plugged	-322	-51	-18	-2	-2	0	-2	-60	-457
**Totals	4179	1215	95	30	55	15	21	61	5671

(**updated January 2024)