



## *Clearwater Underground Water Conservation District*

*P.O. Box 1989, Belton, Texas 76513*

*Phone: 254/933-0120 Fax: 254/933-8396*

*www.cuwcd.org*

*Leland Gersbach, President*

*Gary Young*

*Jody Williams*

*Scott Brooks*

*Jim Brown*

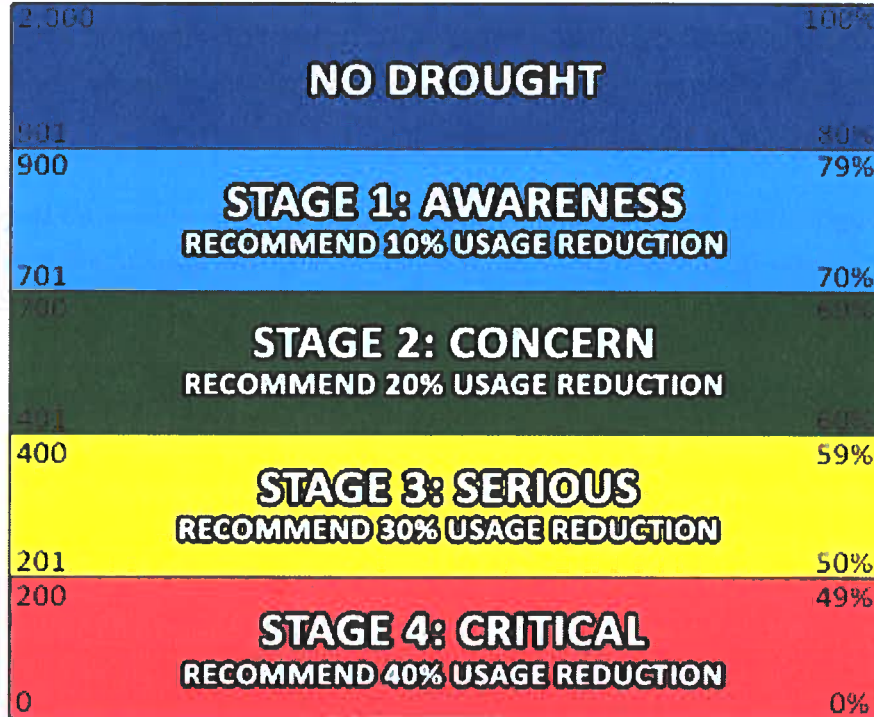
### Clearwater Staff Reports

April 12, 2023

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

# Trinity Aquifer—Drought Status Report

## STAGE 1: CONCERN

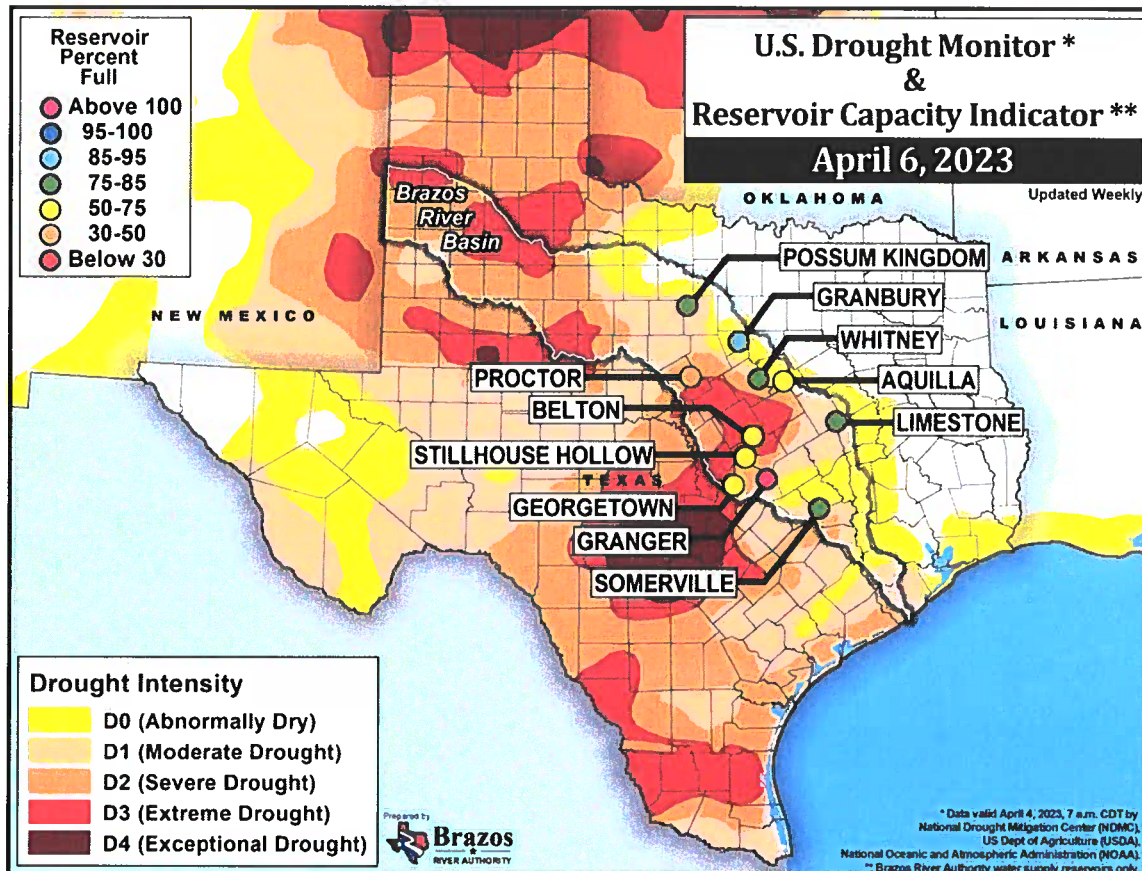


Precipitation Deficit Index (PDI)

25.377 PDI  
76.90 %

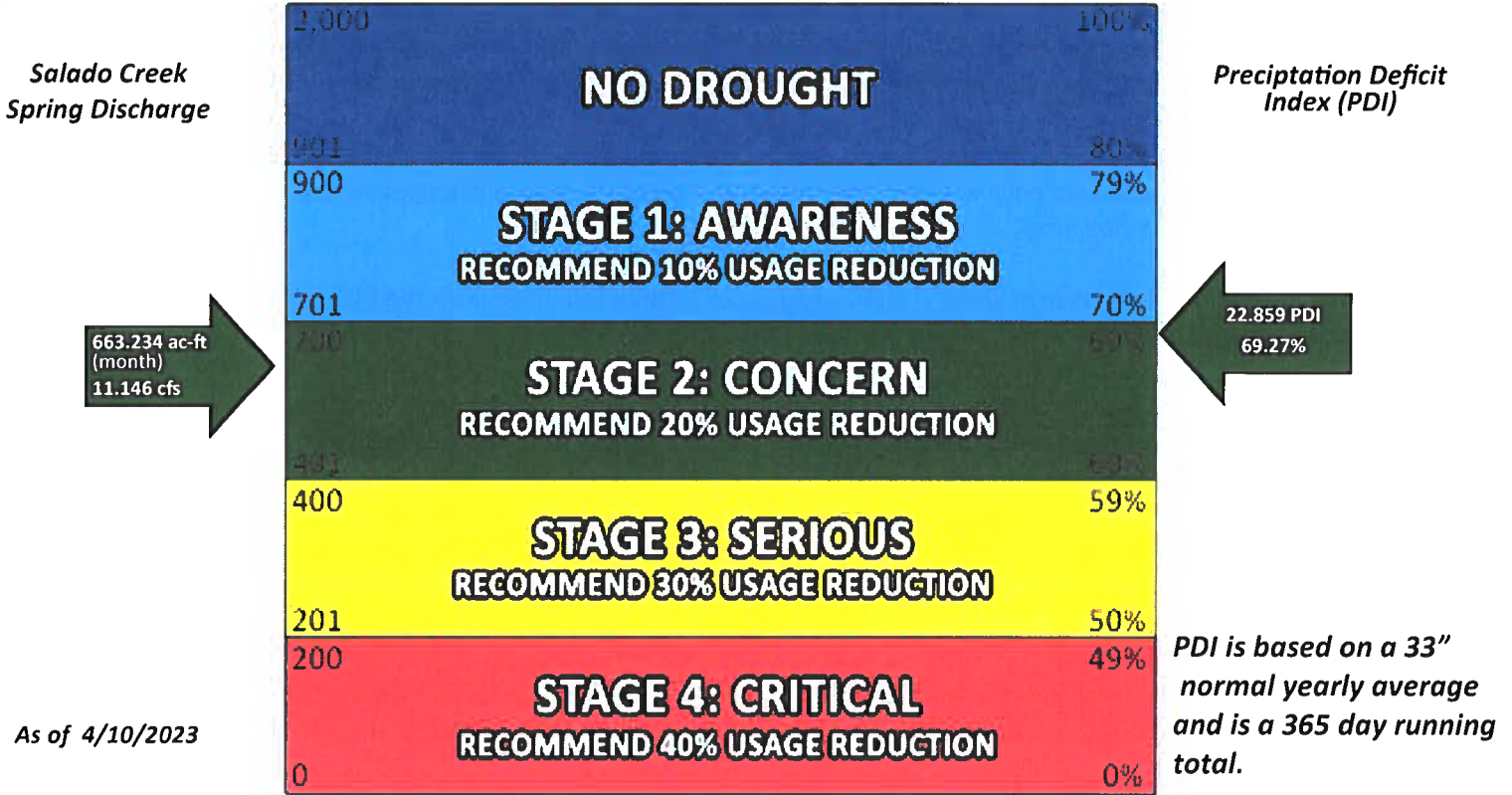
PDI is based on a 33" normal yearly average and is a 365 day running total.

AS OF 4/10/2023



# Edwards BFZ Aquifer—Drought Status Report

## STAGE 2: CONCERN





## *Education Outreach Highlights 4/12/23*

**1. Goal: Improve our educational outreach efforts and expand our identified audiences (4<sup>th</sup>-5<sup>th</sup> 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).**

- January 18 – Staff hosted a booth at the Bell County Crops Conference. 142 in attendance.

**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 develop the new platform for Database Management.
- 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 along with utilizing more social media.
- 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).**

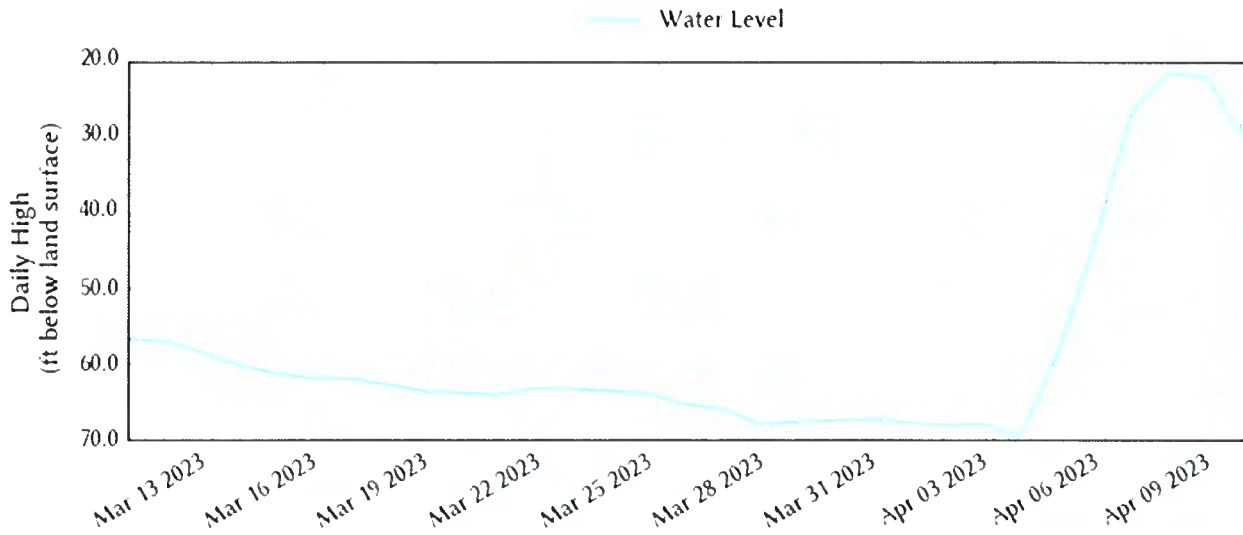
- Board of Directors accepted the 2022 Annual Report on March 8, 2023.

**April 2023**

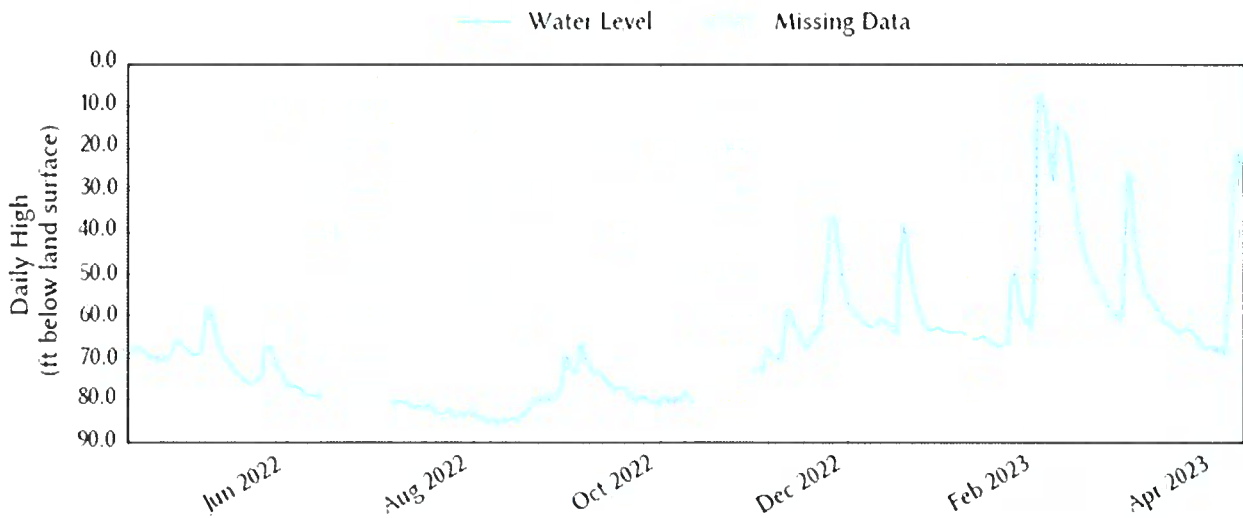
**Continuous Monitoring Well # 5804628  
(Salado Cemetery)  
Edwards Aquifer**

**Last 30 Days**

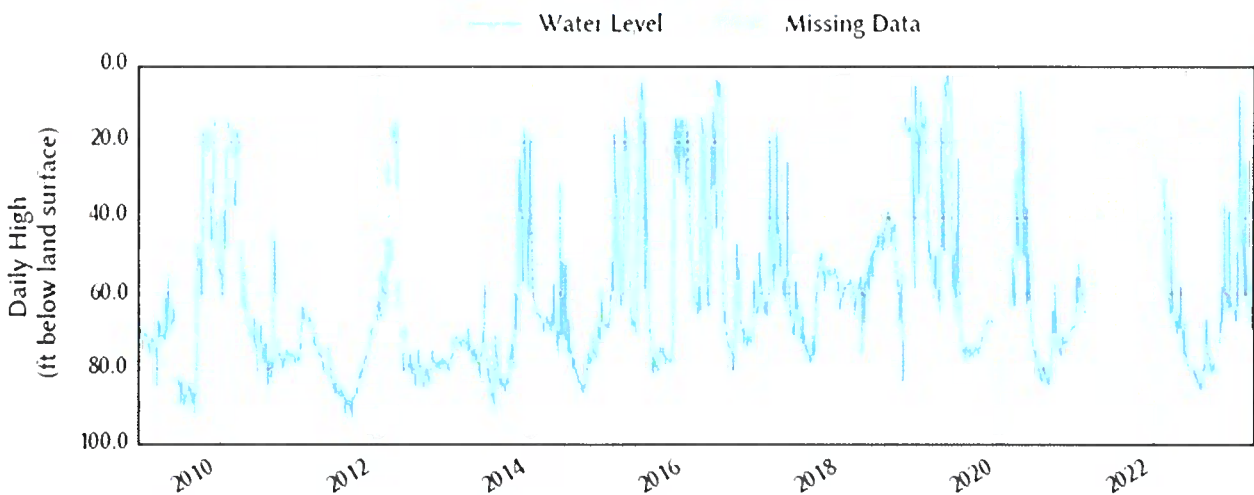
**Total Depth: 129 ft**



**1 Year**



**Period Of Record**

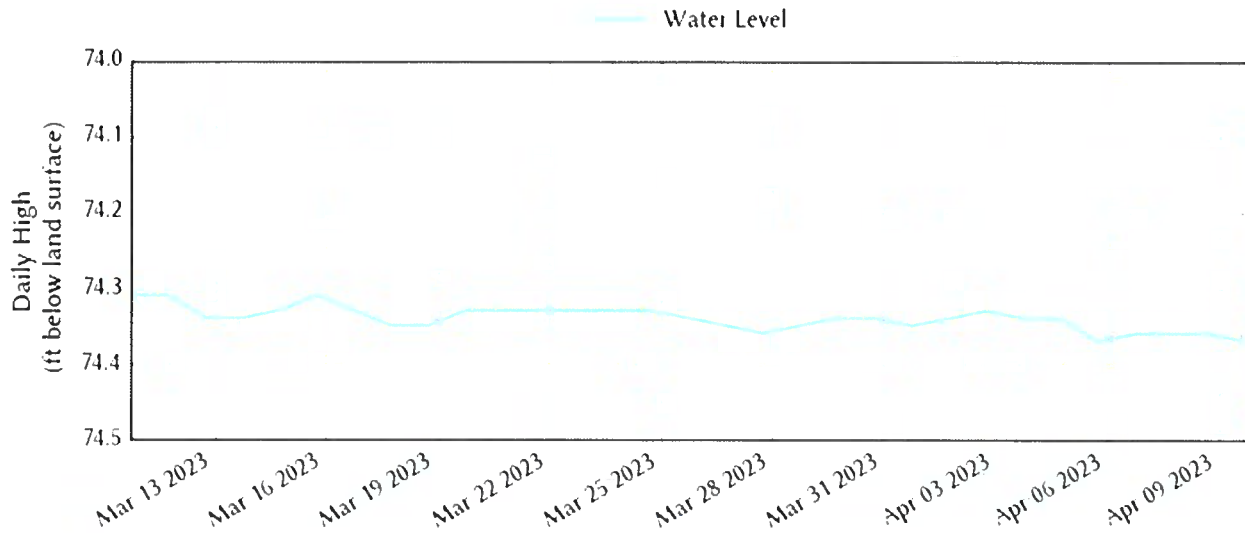


**April 2023**

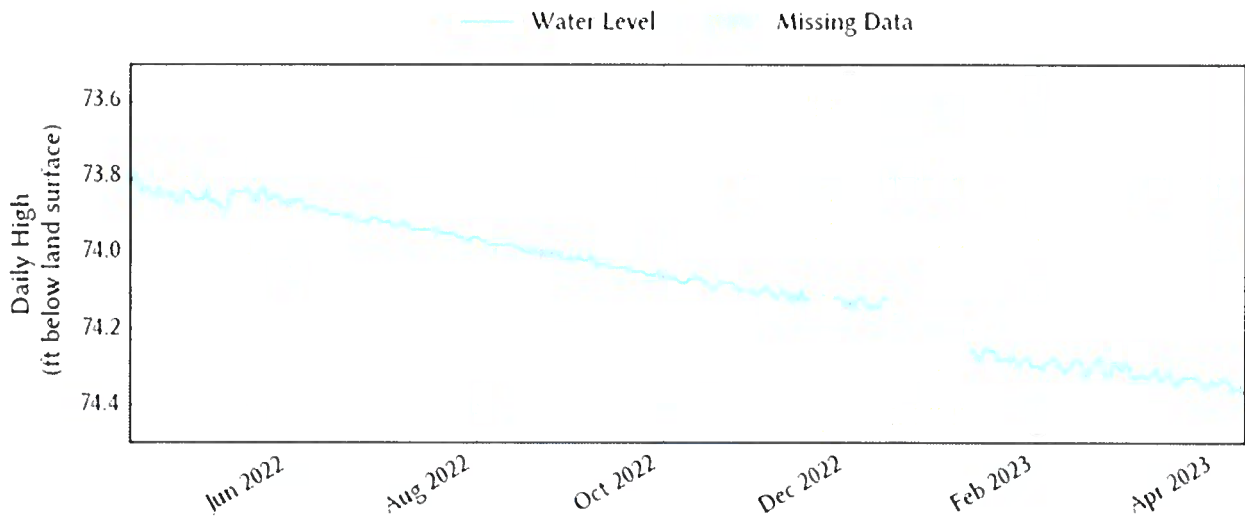
**Continuous Monitoring Well # 5804702  
(FM 2843 - Patterson's Crossing - Salado Creek)  
Edwards Aquifer**

**Last 30 Days**

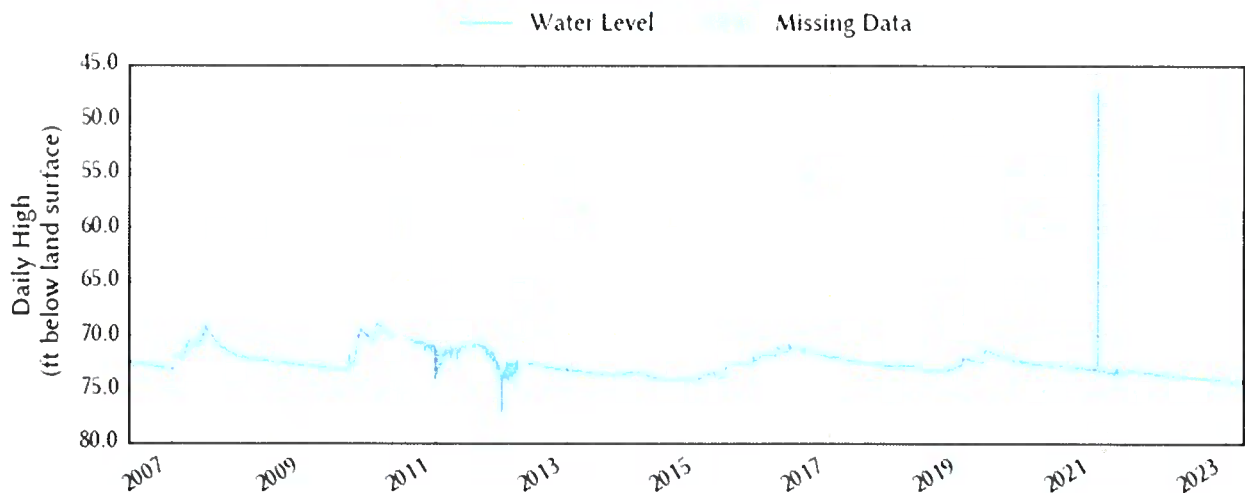
**Total Depth: 95 ft**



**1 Year**



**Period Of Record**

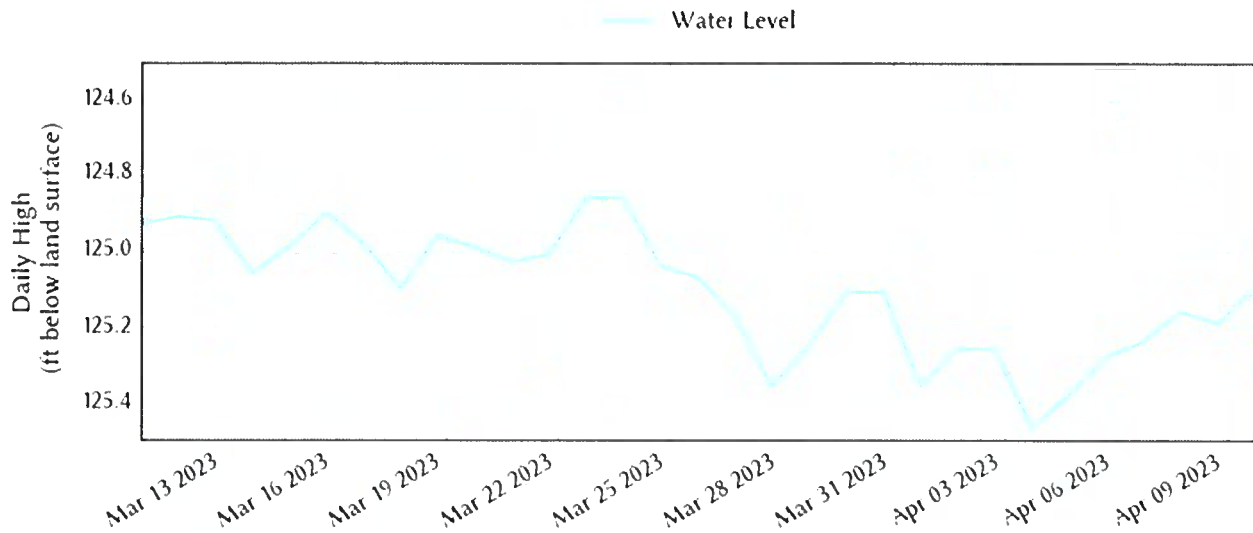


**April 2023**

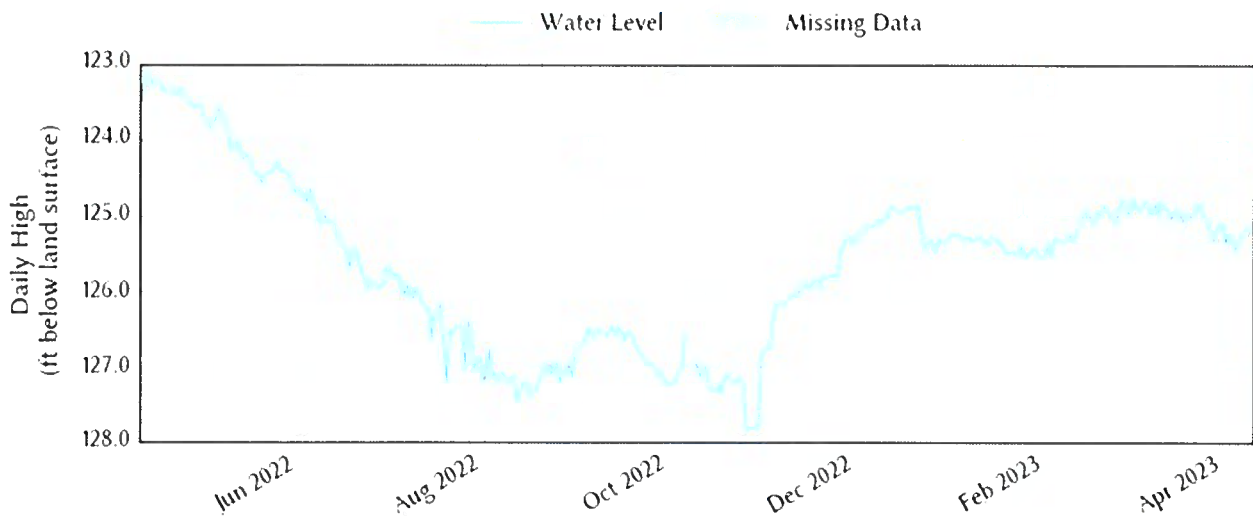
**Continuous Monitoring Well # 5804816  
(IH-35 Rest Stop - West)  
Edwards Aquifer**

**Last 30 Days**

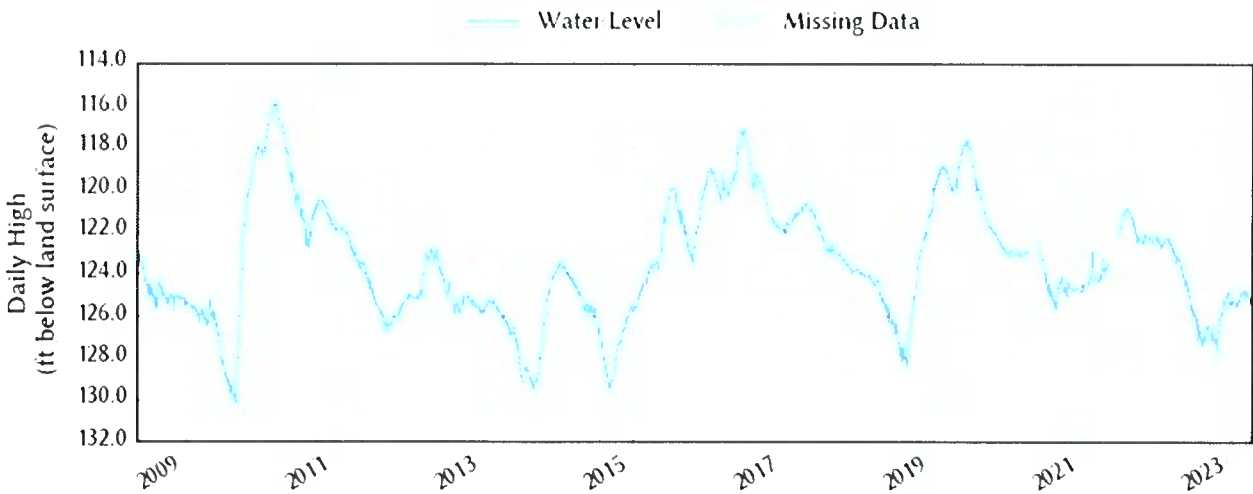
**Total Depth: 170 ft**



**1 Year**



**Period Of Record**



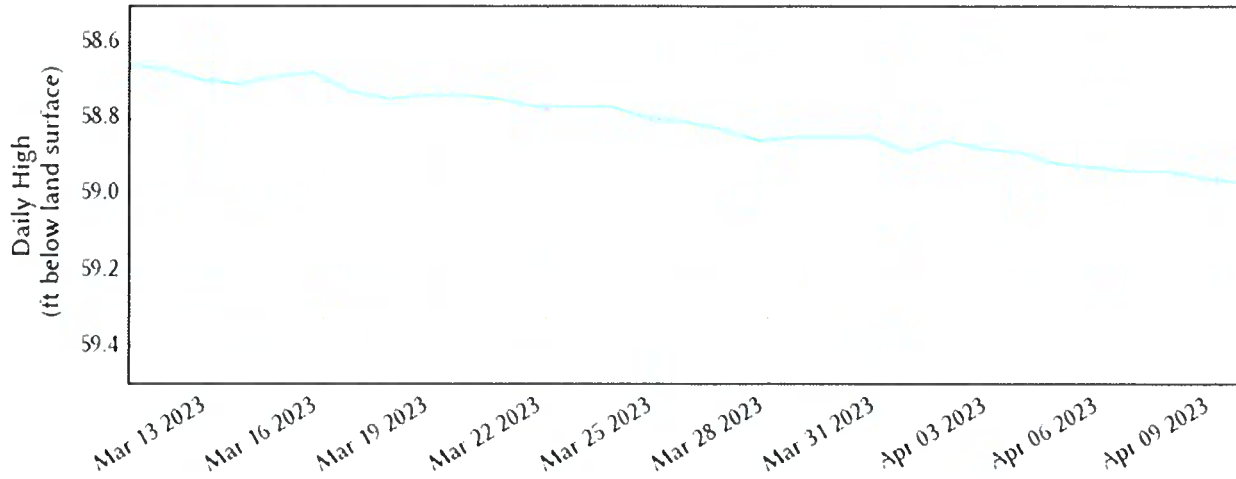
**April 2023**

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

**Last 30 Days**

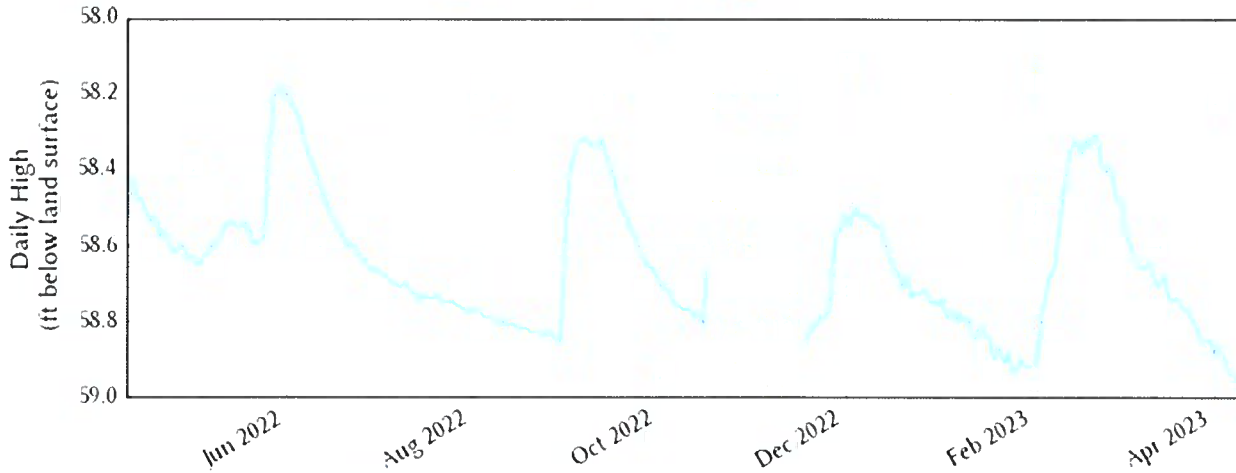
**Total Depth: 110 ft**

Water Level



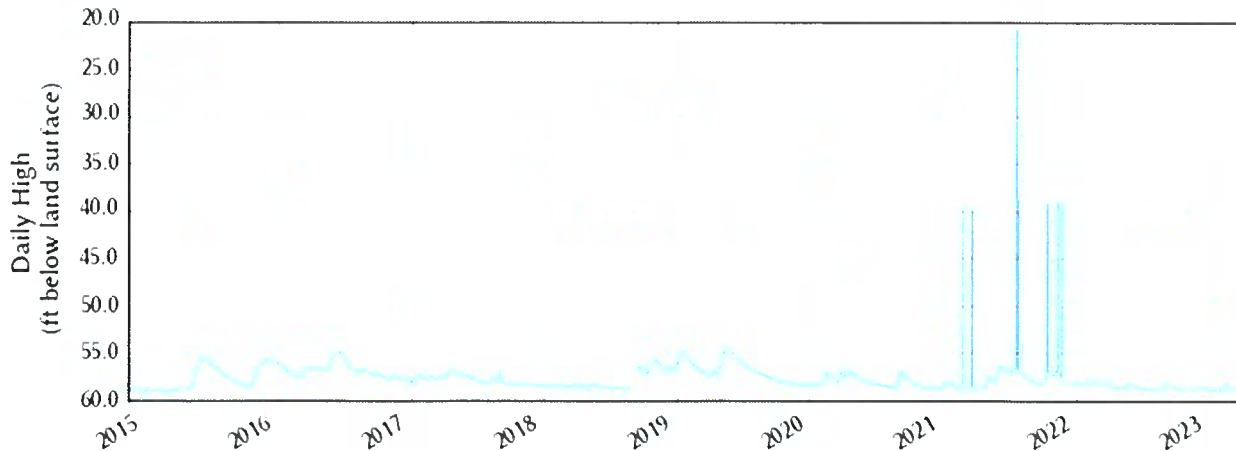
**1 Year**

Water Level Missing Data



**Period Of Record**

Water Level Missing Data



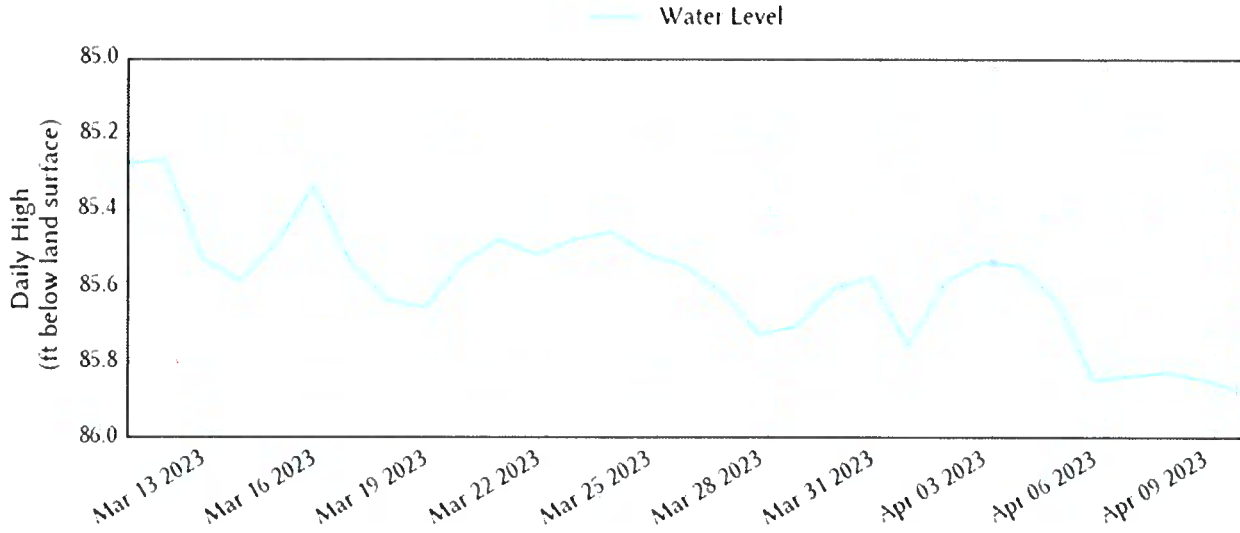


**April 2023**

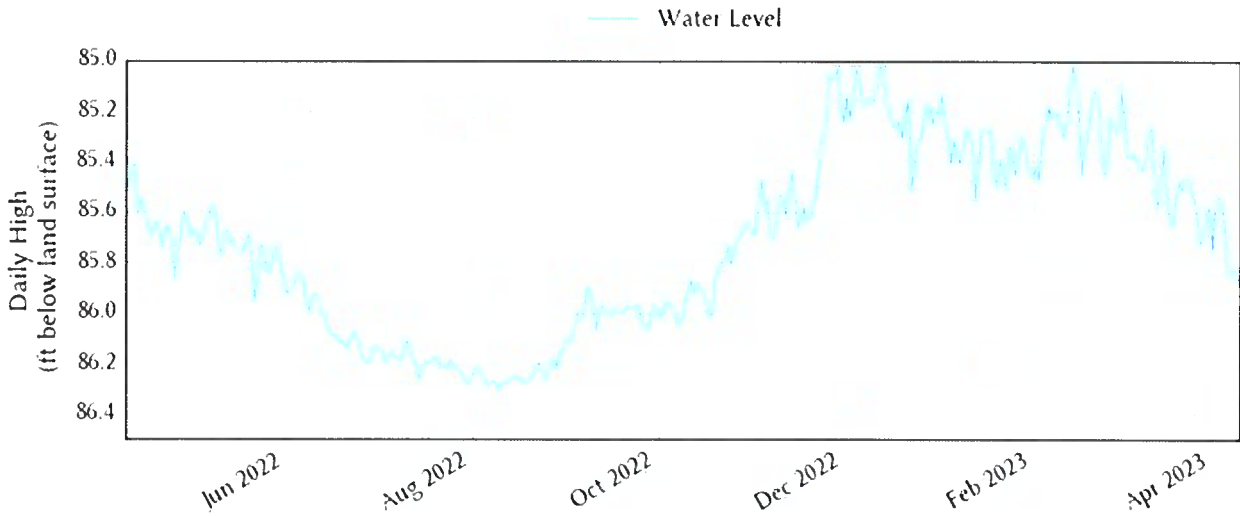
**Continuous Monitoring Well # 4058201  
(Central Texas College - Ranch Rd)  
Upper Trinity Aquifer**

**Total Depth: 435 ft**

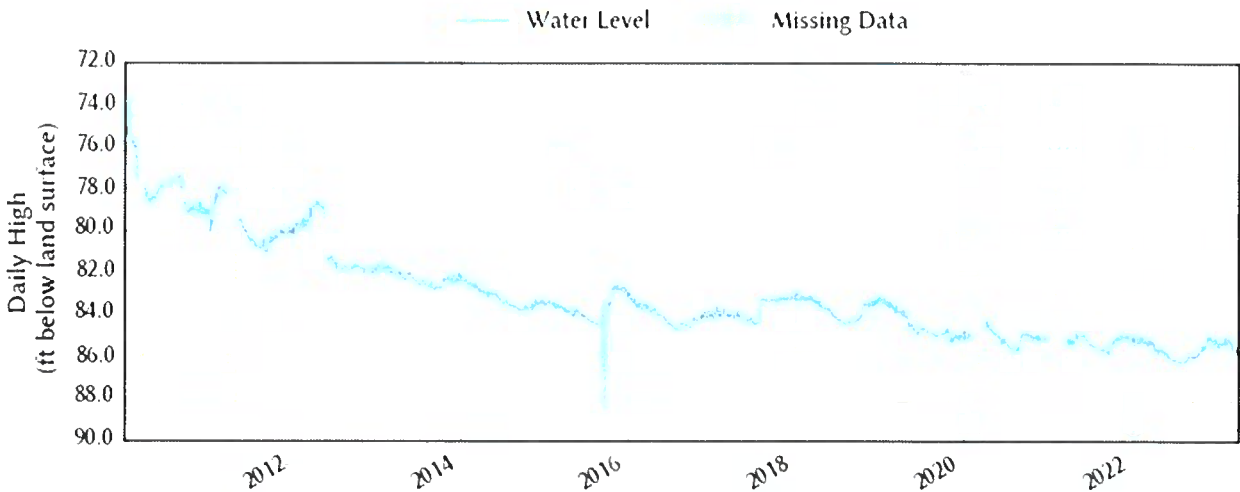
**Last 30 Days**



**1 Year**



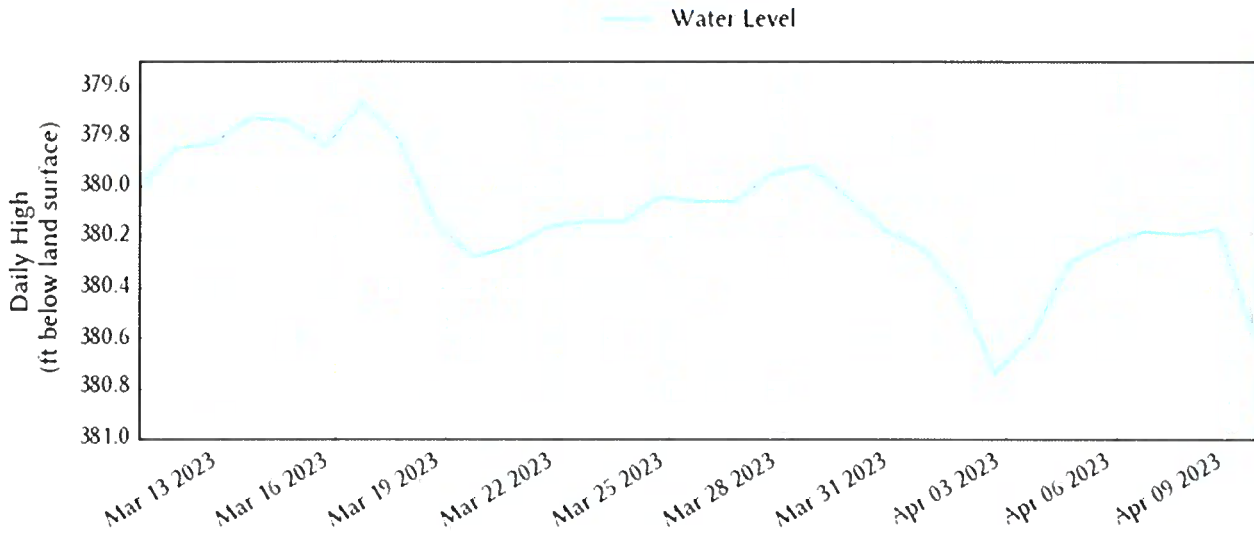
**Period Of Record**



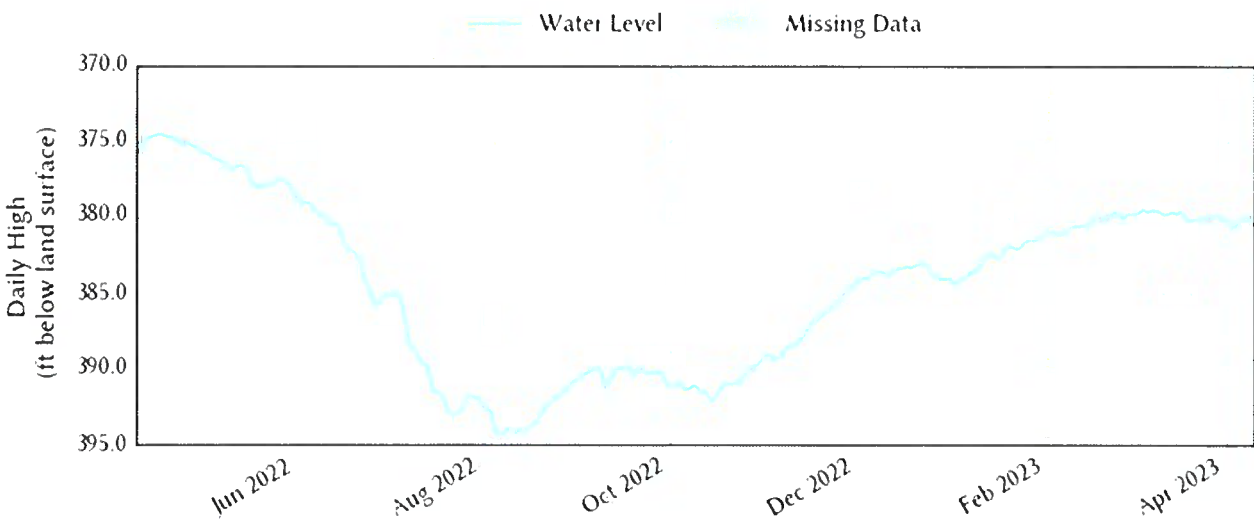
**Continuous Monitoring Well # 5802304  
(Killeen - River Ridge Ranch Park Well #1)  
Middle Trinity Aquifer**

**Total Depth: 467 ft**

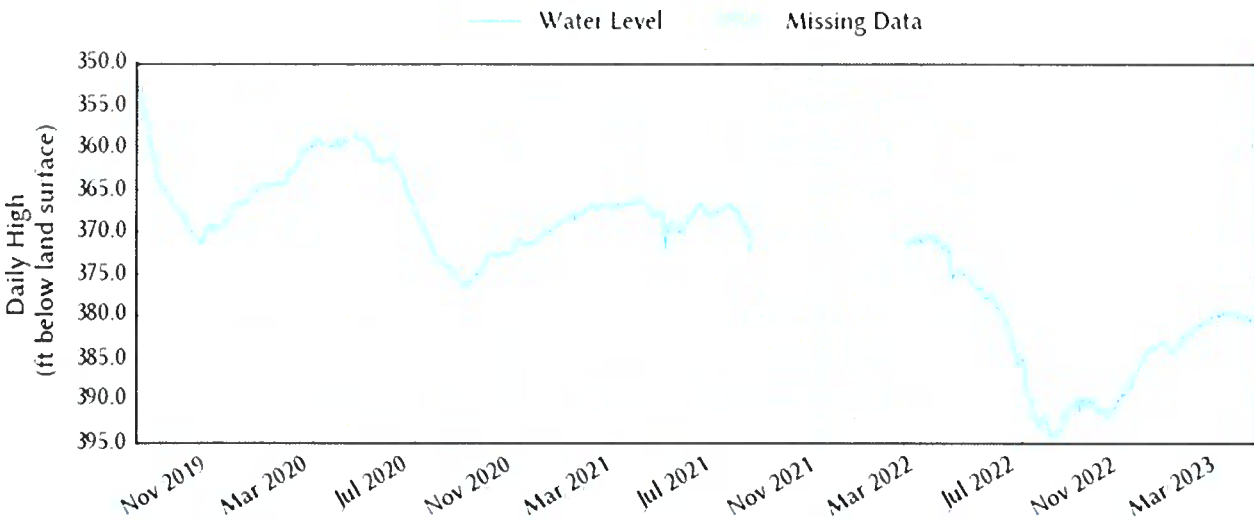
**Last 30 Days**



**1 Year**



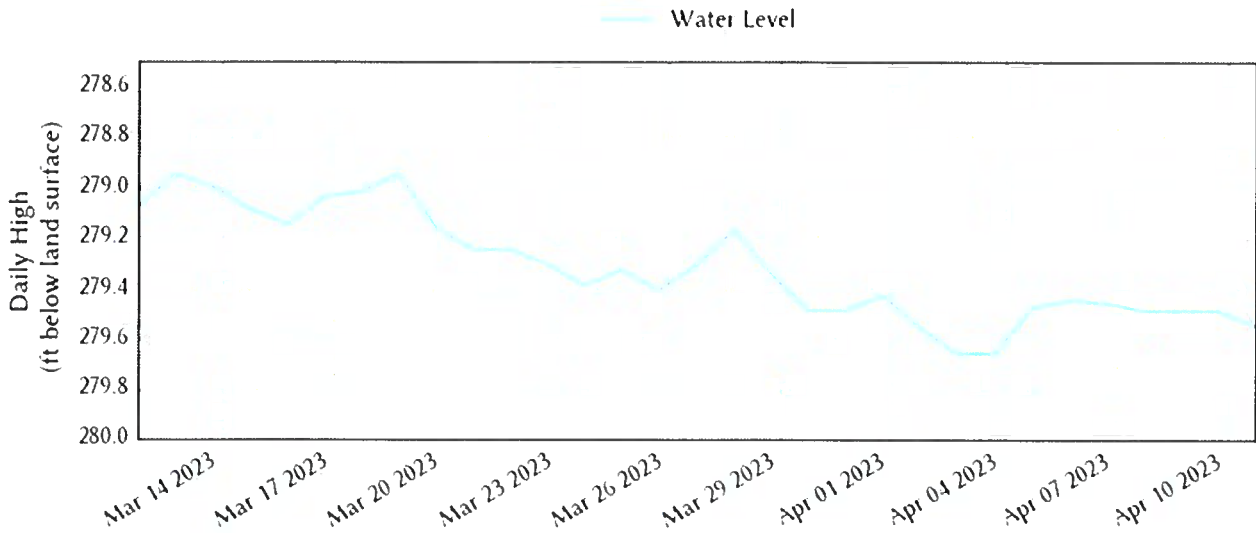
**Period Of Record**



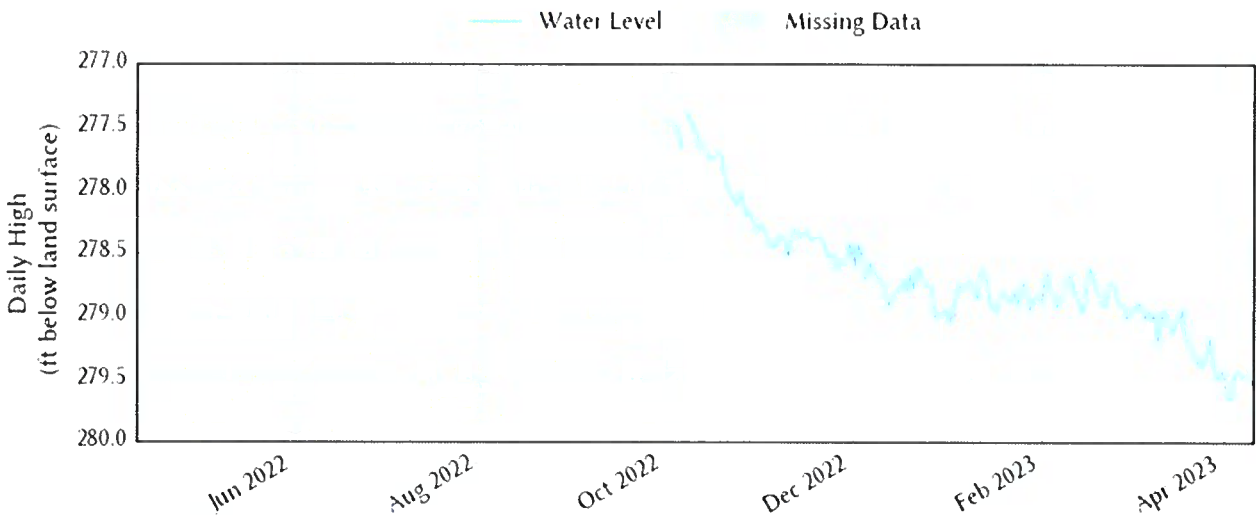
Continuous Monitoring Well # 4061509  
(Temple - Pea Ridge Well)  
Lower Trinity Aquifer

Total Depth: 1,261 ft

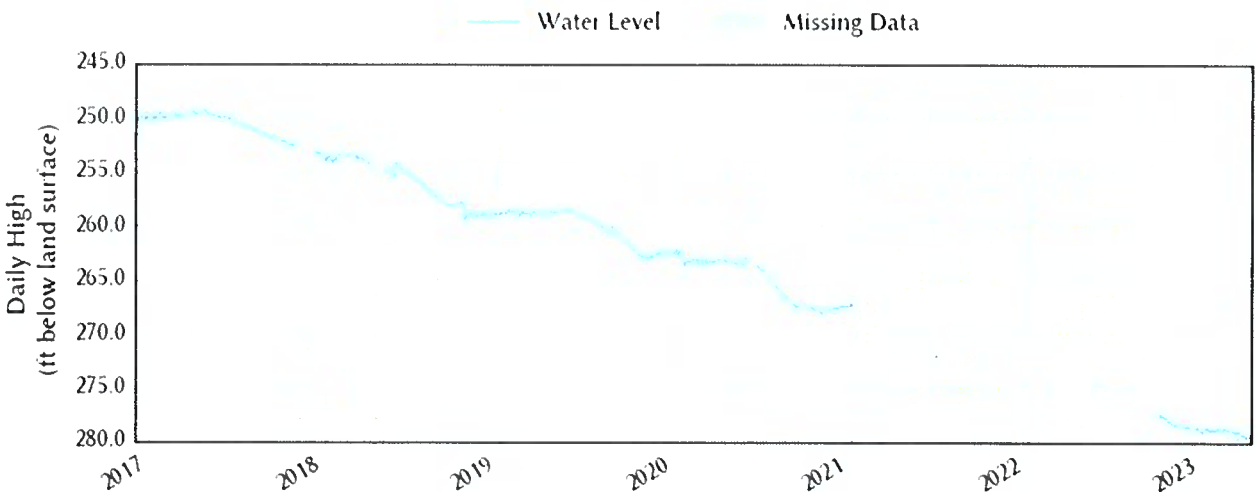
Last 30 Days



1 Year



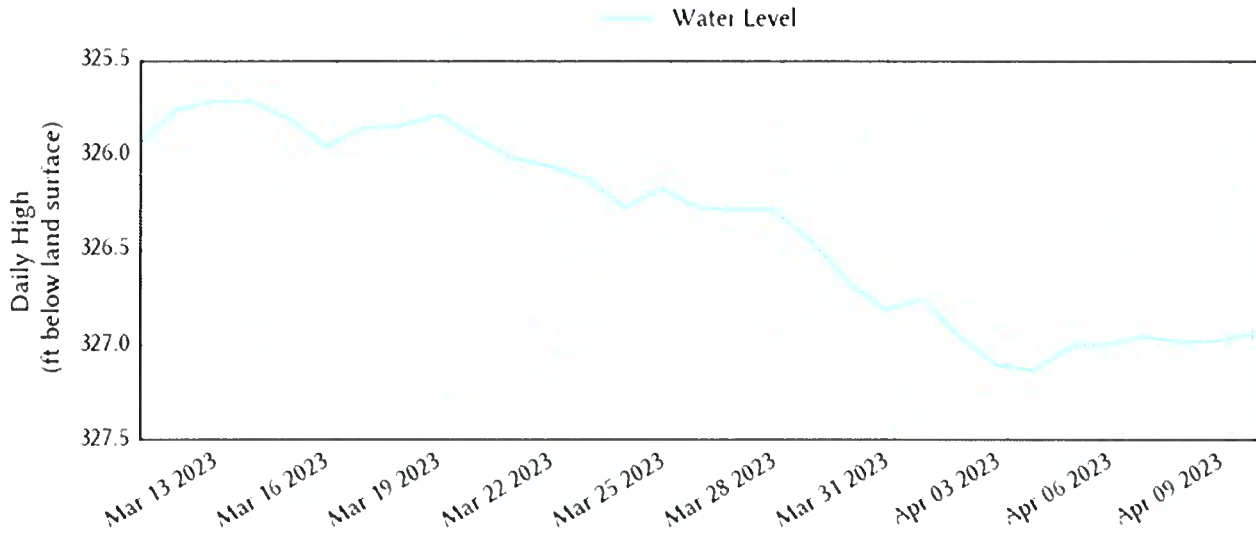
Period Of Record



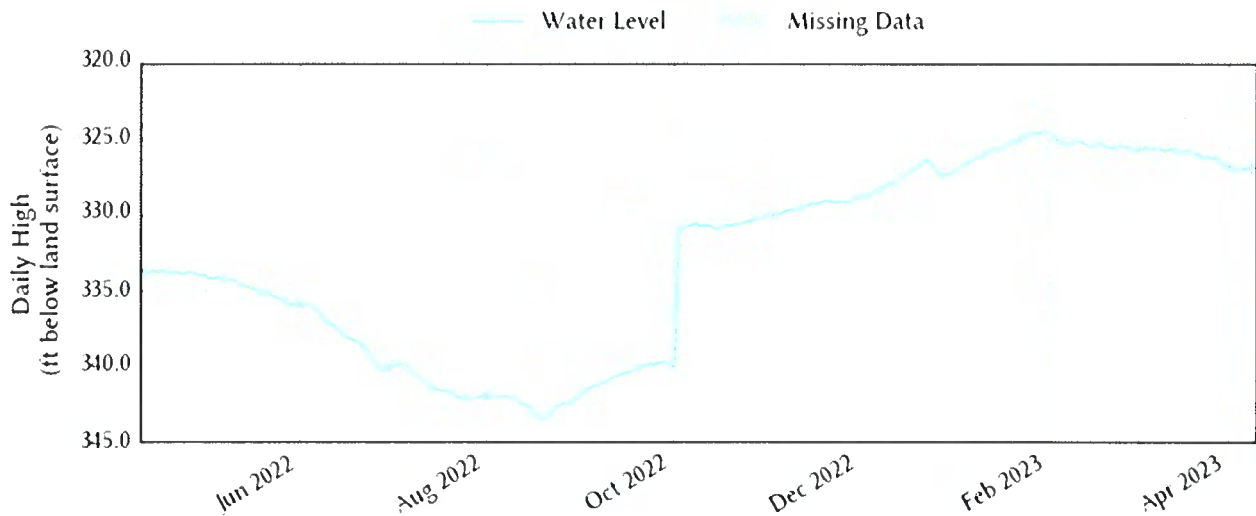
Continuous Monitoring Well # 4057601  
(Copperas Cove)  
Middle Trinity Aquifer

Total Depth: 469ft

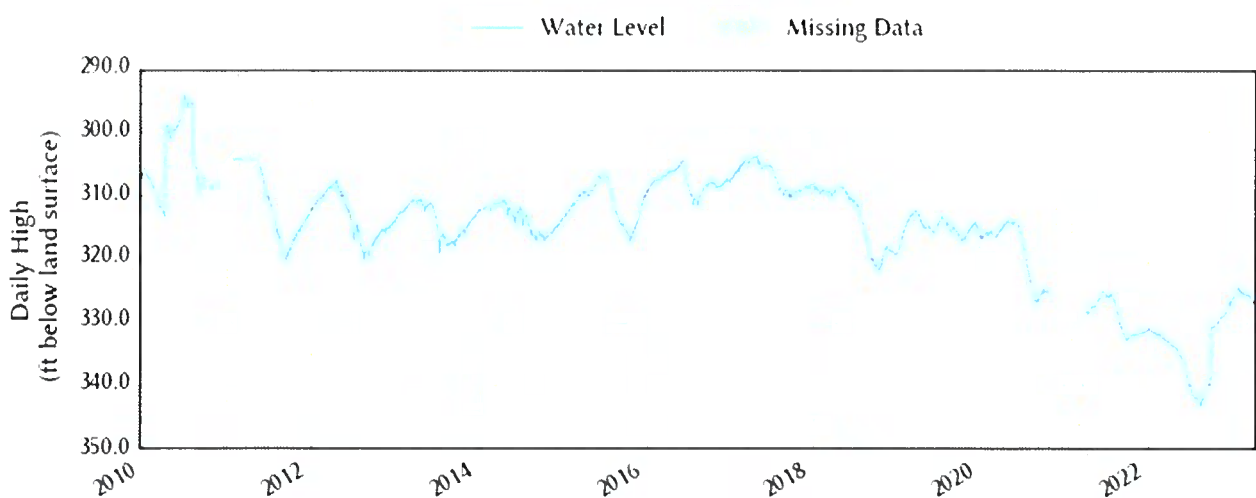
Last 30 Days



1 Year



Period Of Record

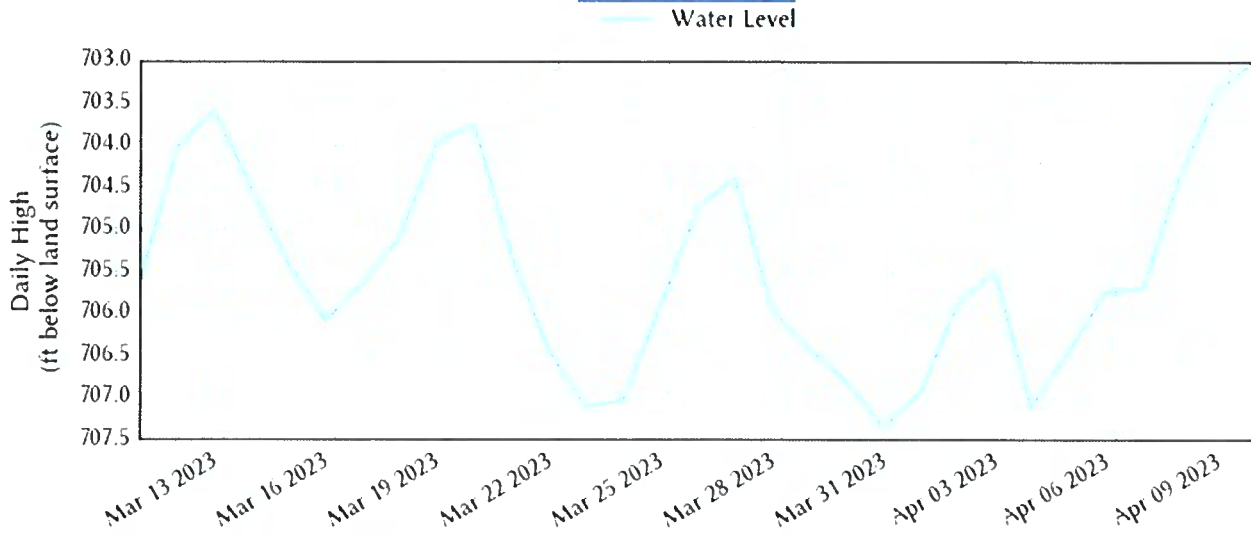


**April 2023**

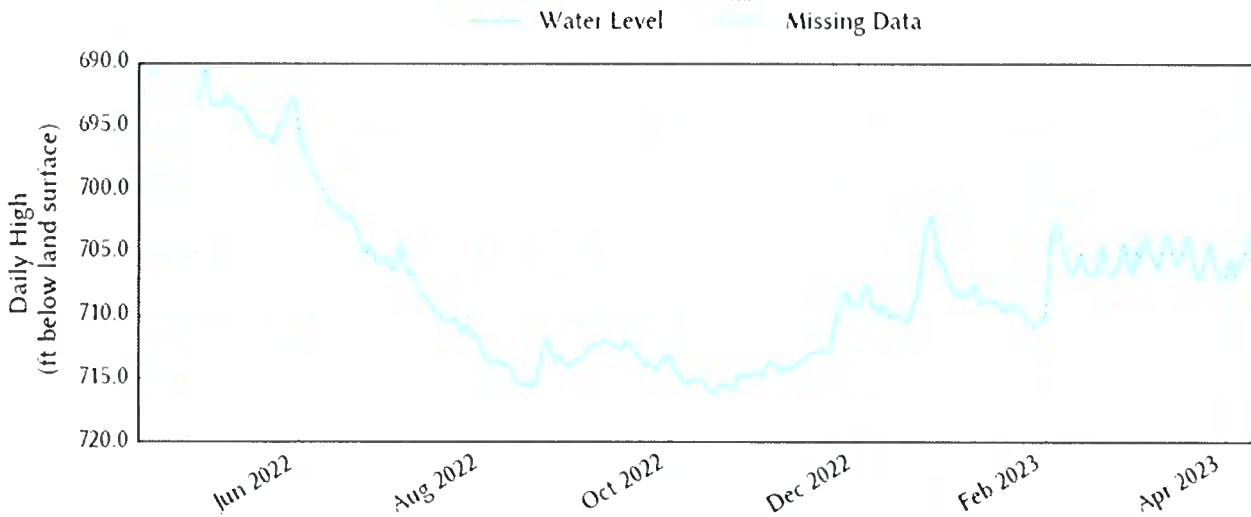
**Continuous Monitoring Well # 5803701  
(Gault Site - Williamson County)  
Middle Trinity Aquifer**

**Total Depth: 880 ft**

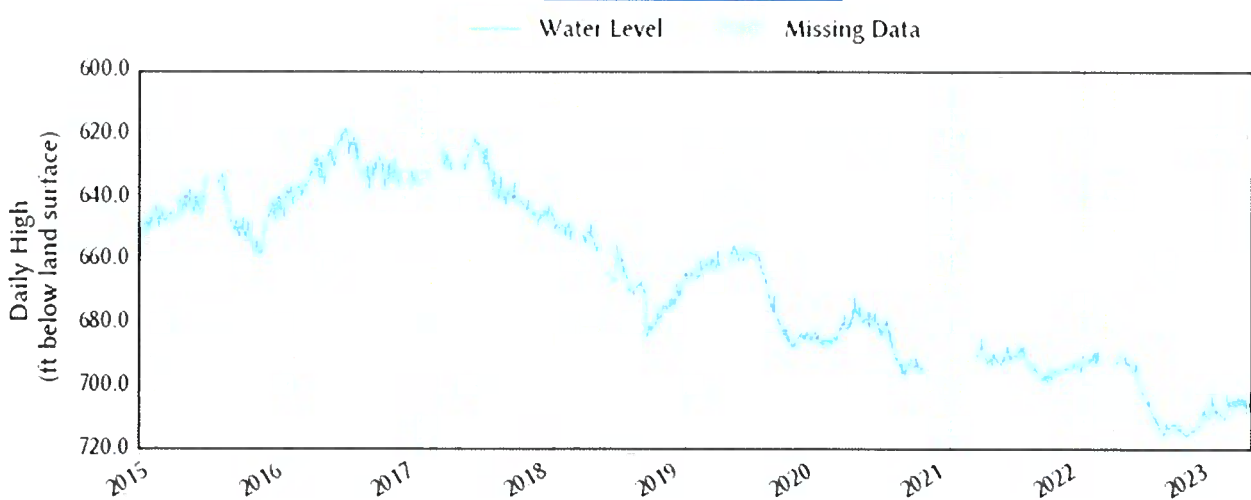
**Last 30 Days**



**1 Year**



**Period Of Record**

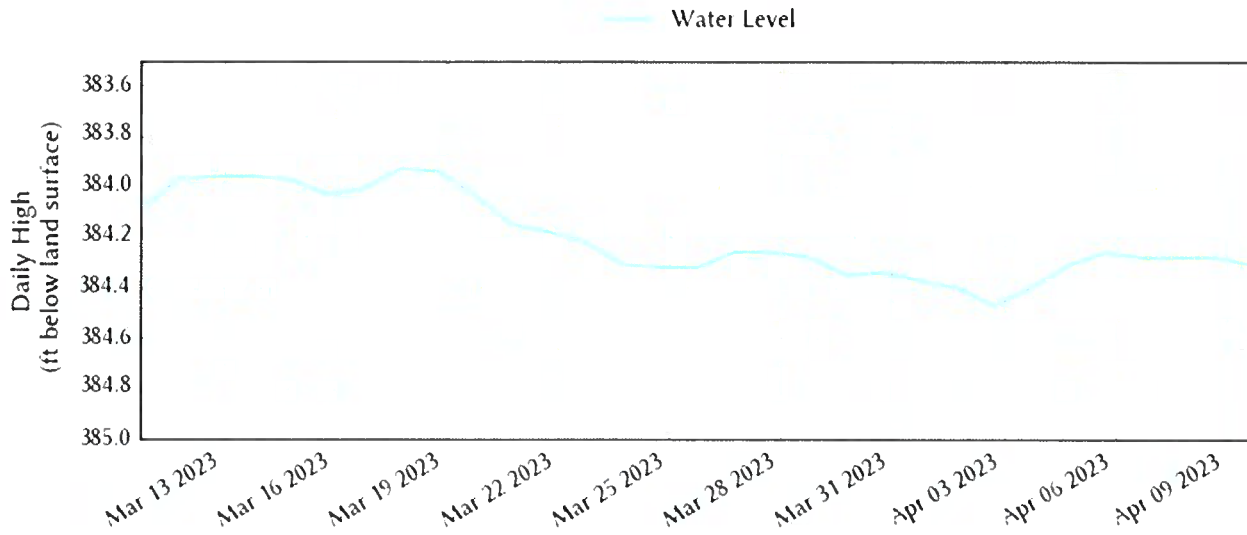


**April 2023**

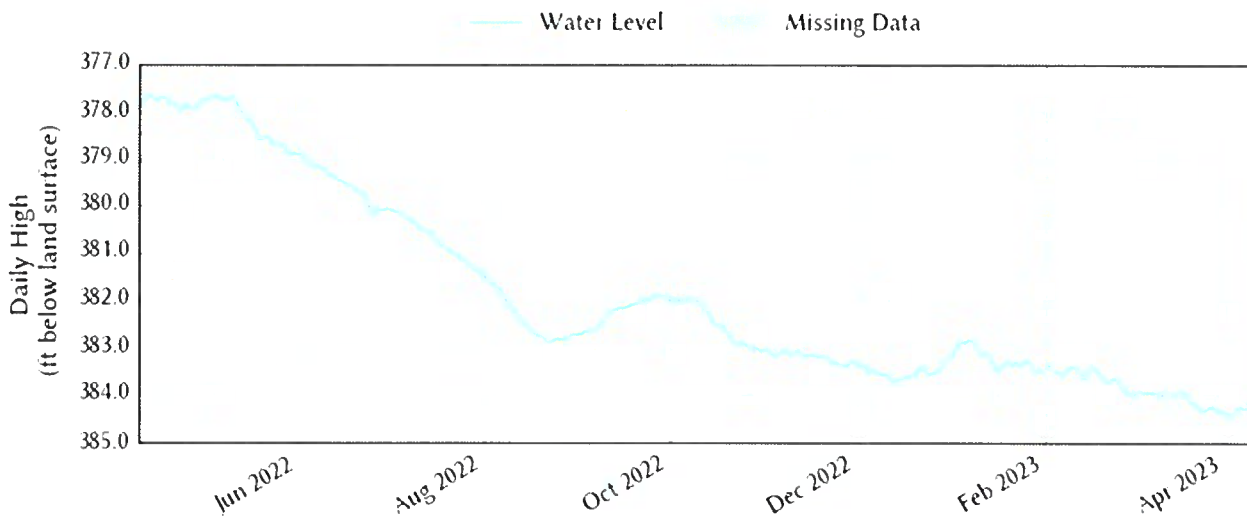
**Continuous Monitoring Well # 4062501  
(Temple - Acres Well)  
Lower Trinity Aquifer**

**Last 30 Days**

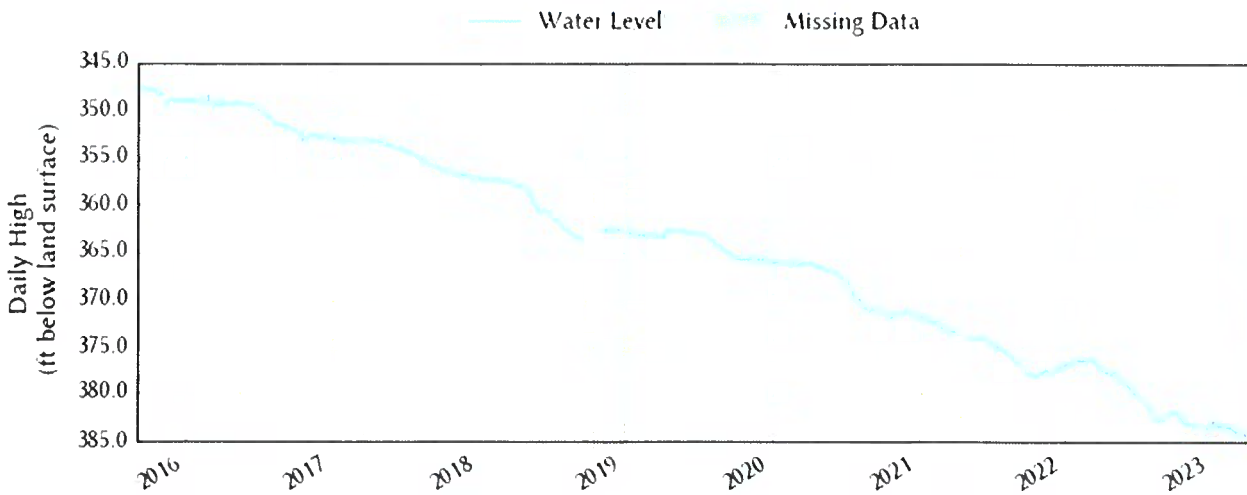
**Total Depth: 2,236 ft**



**1 Year**



**Period Of Record**

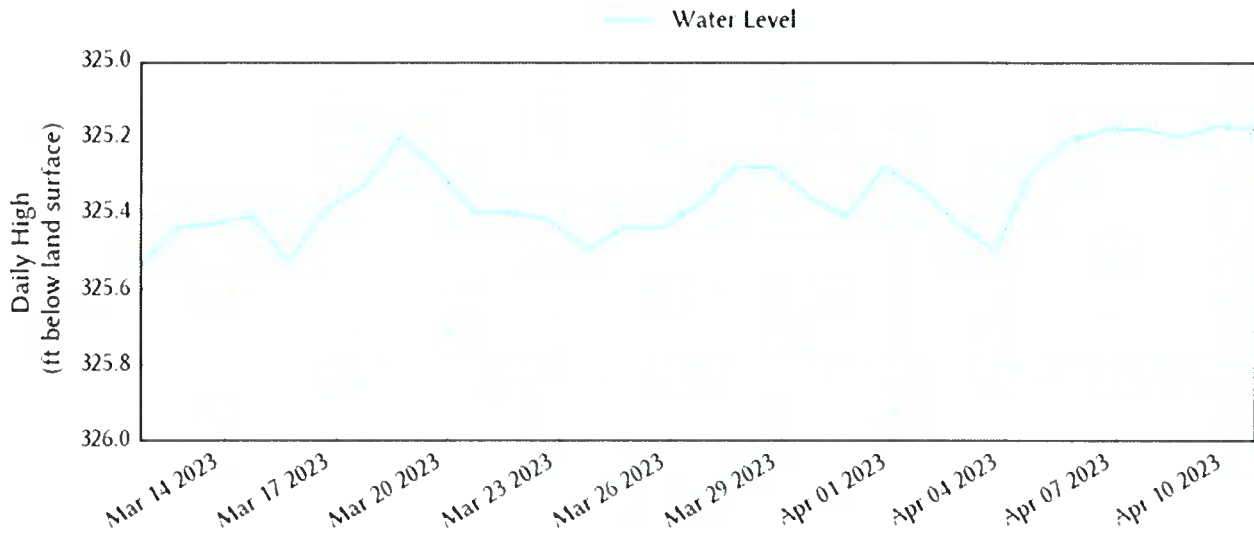


**April 2023**

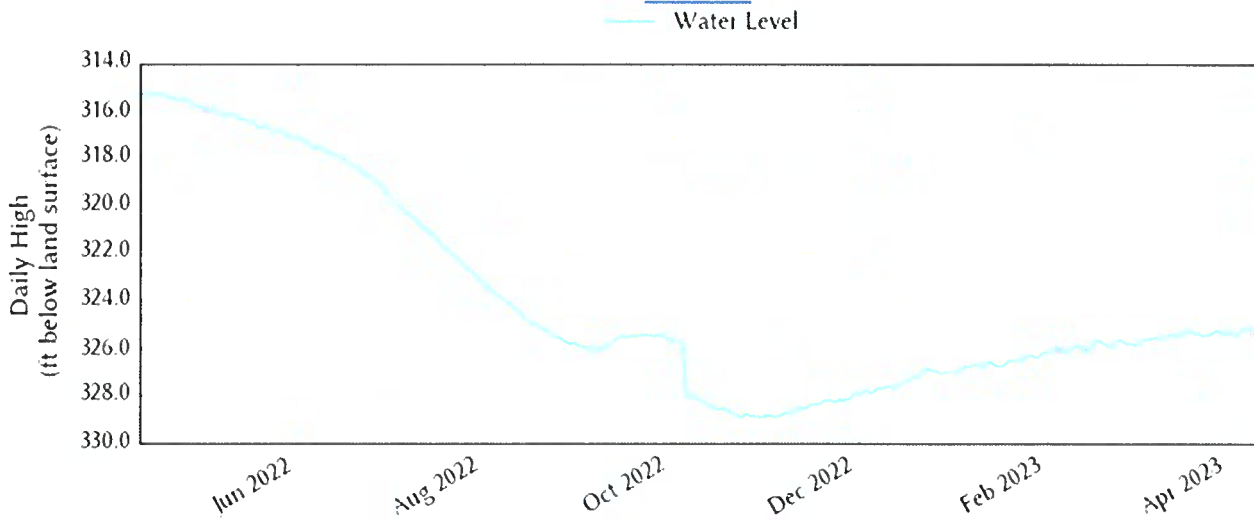
**Continuous Monitoring Well # 5802303  
(Killeen - River Ridge Ranch Park Well #2)  
Lower Trinity Aquifer**

**Last 30 Days**

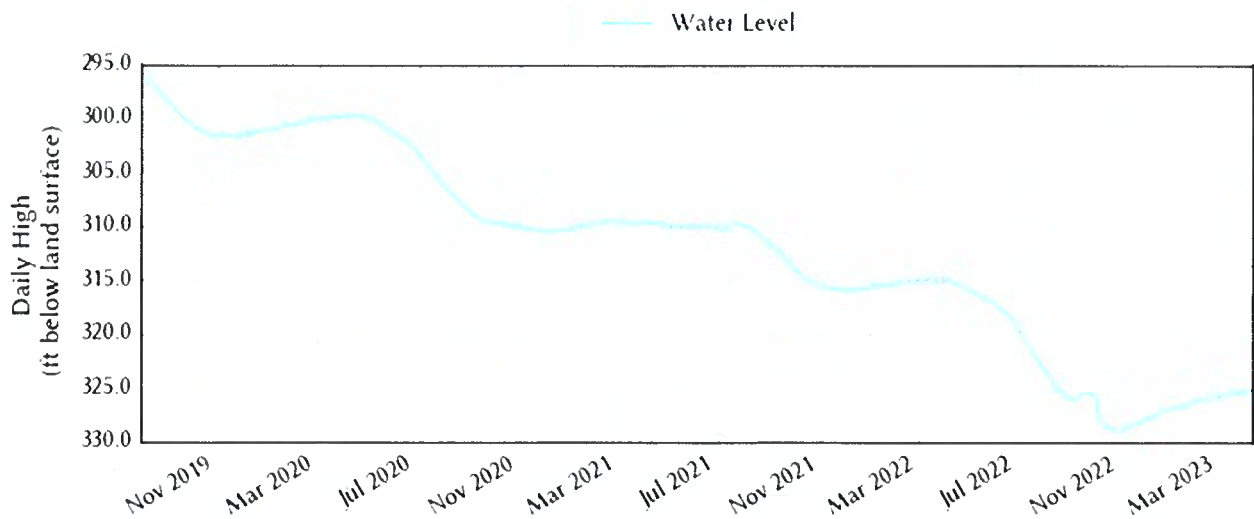
**Total Depth: 637 ft**



**1 Year**



**Period Of Record**

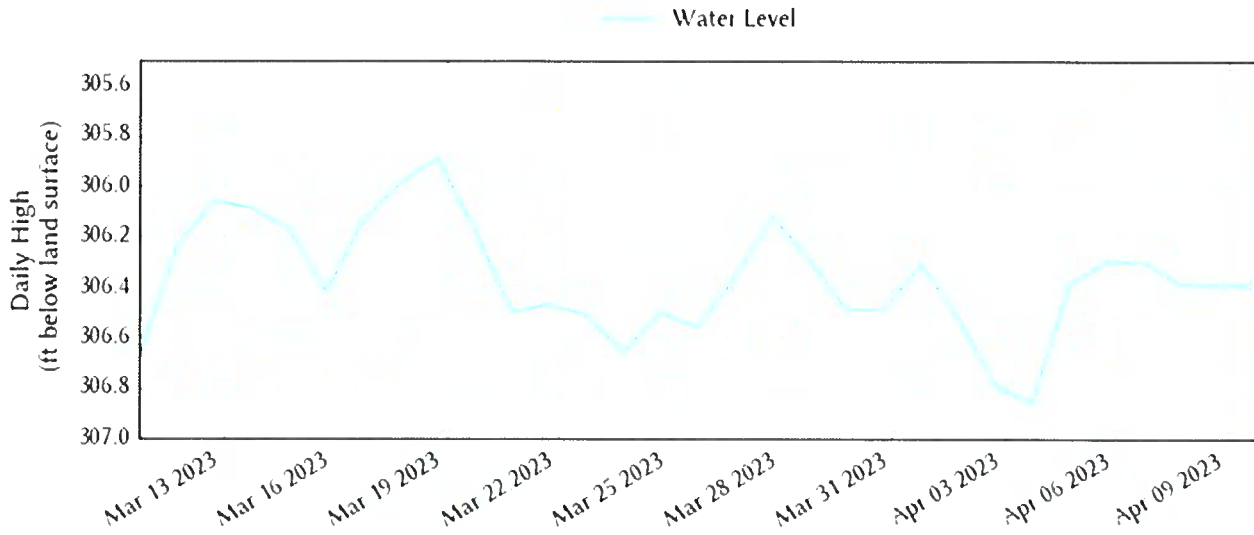


**April 2023**

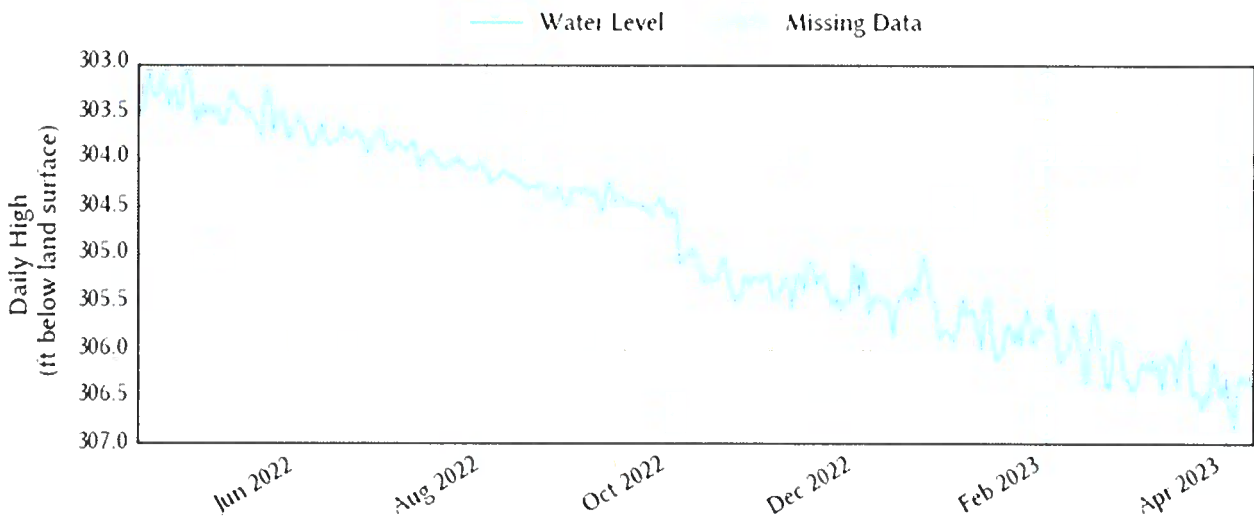
**Continuous Monitoring Well # 4057602  
(Copperas Cove)  
Lower Trinity Aquifer**

**Last 30 Days**

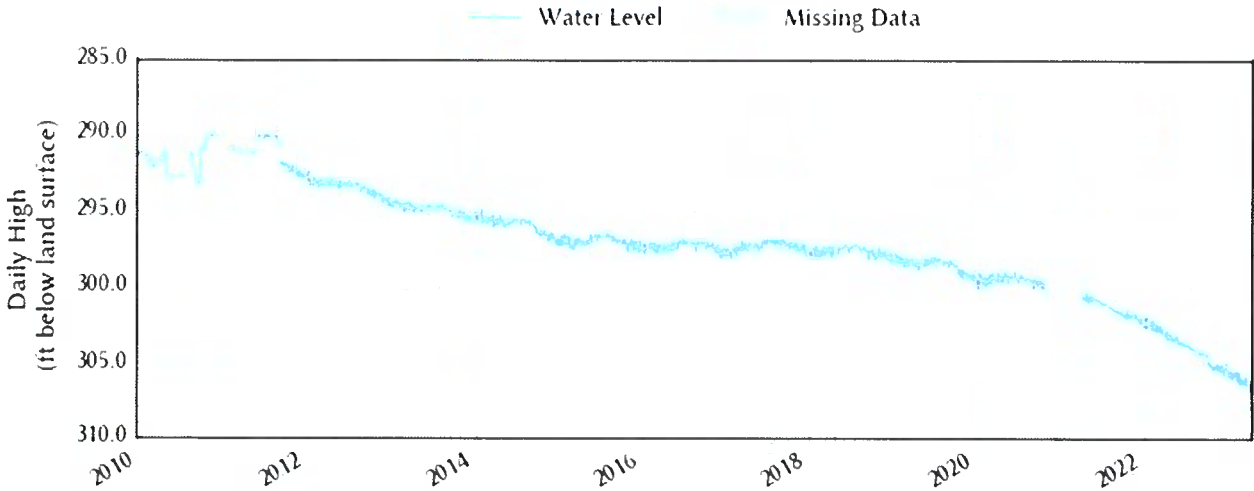
**Total Depth: 629 ft**



**1 Year**



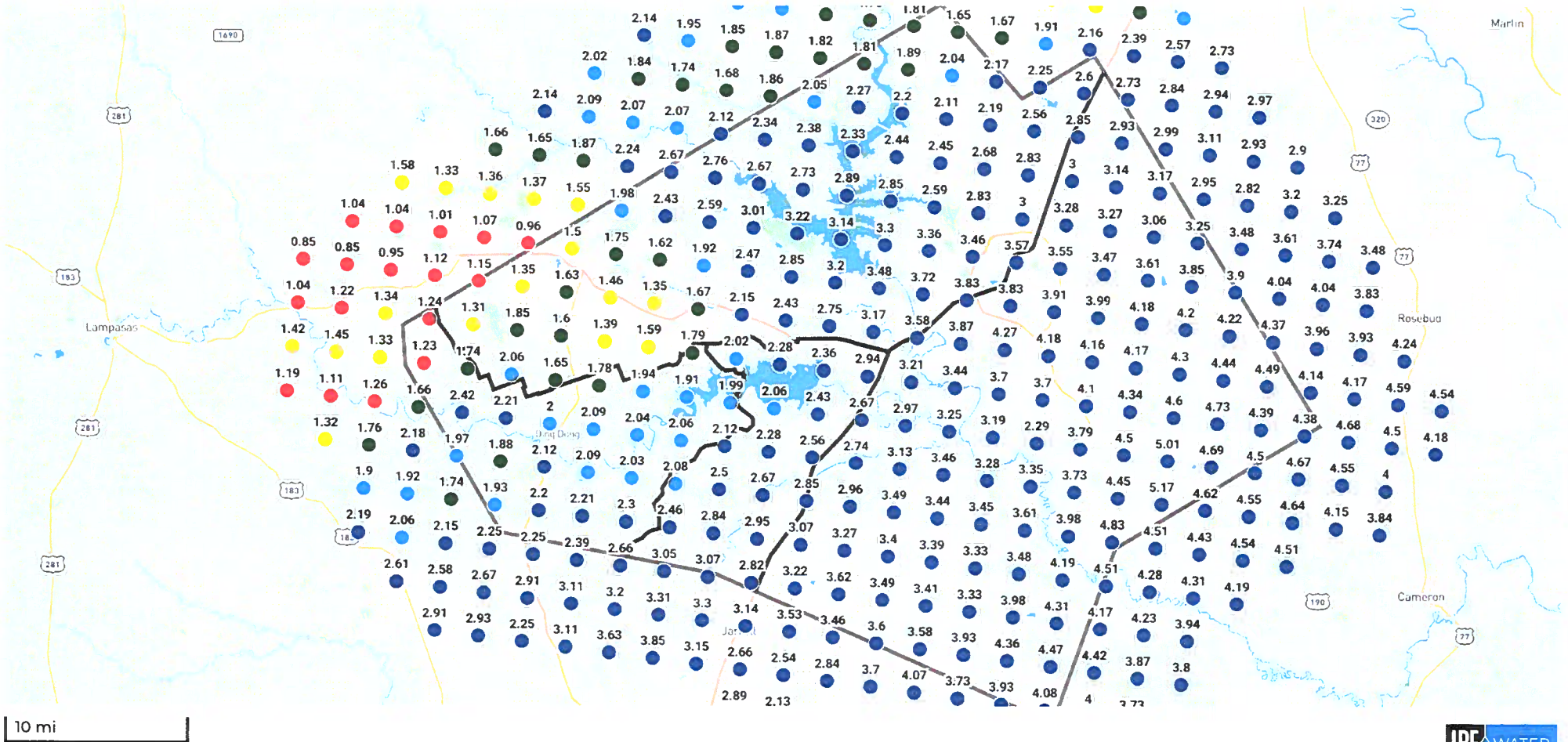
**Period Of Record**





# CUWCD Map NOAA 30 Day Rainfall

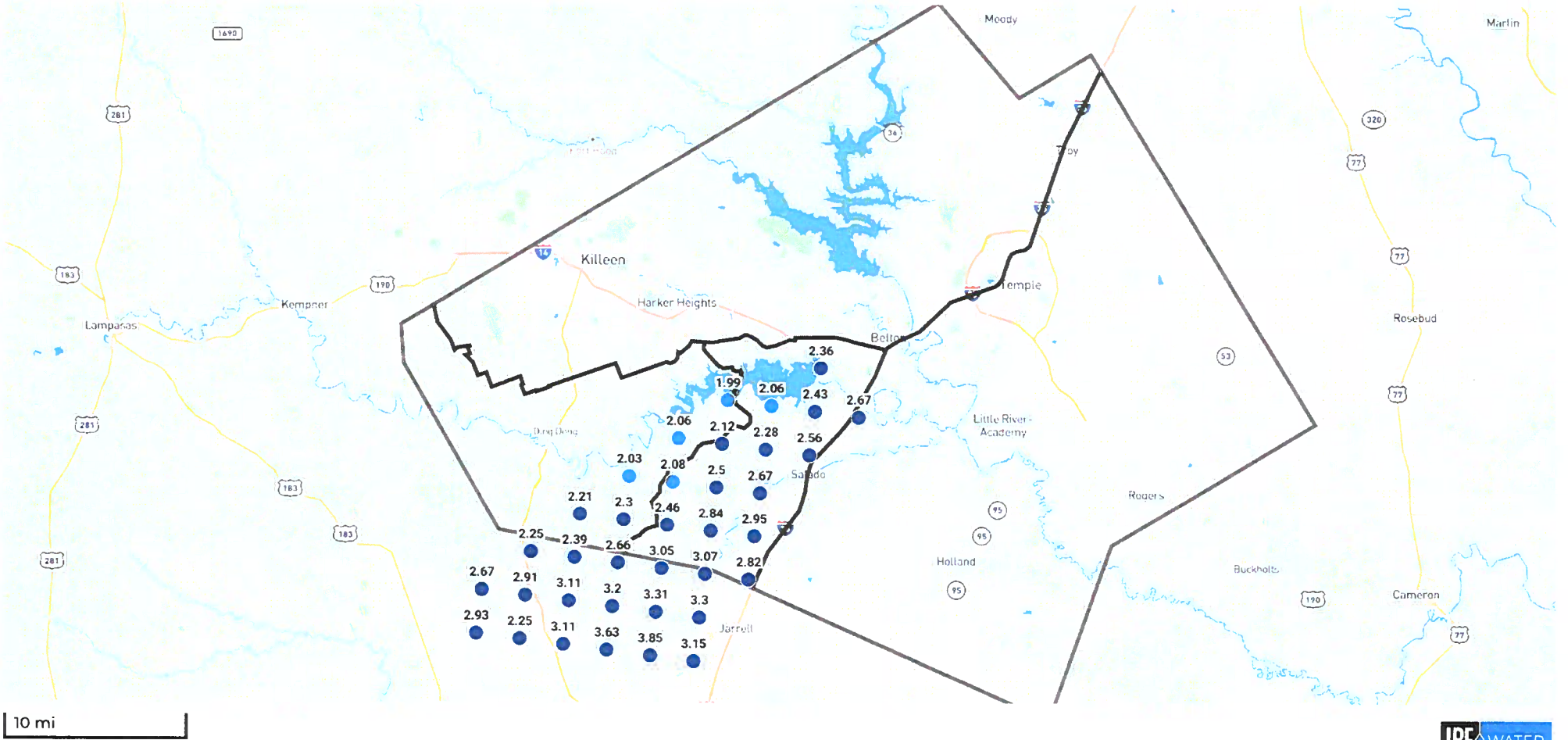
Created: April 10th 2023, 4:15pm



# CUWCD Map

## NOAA 30 Day Rainfall - Edwards BFZ

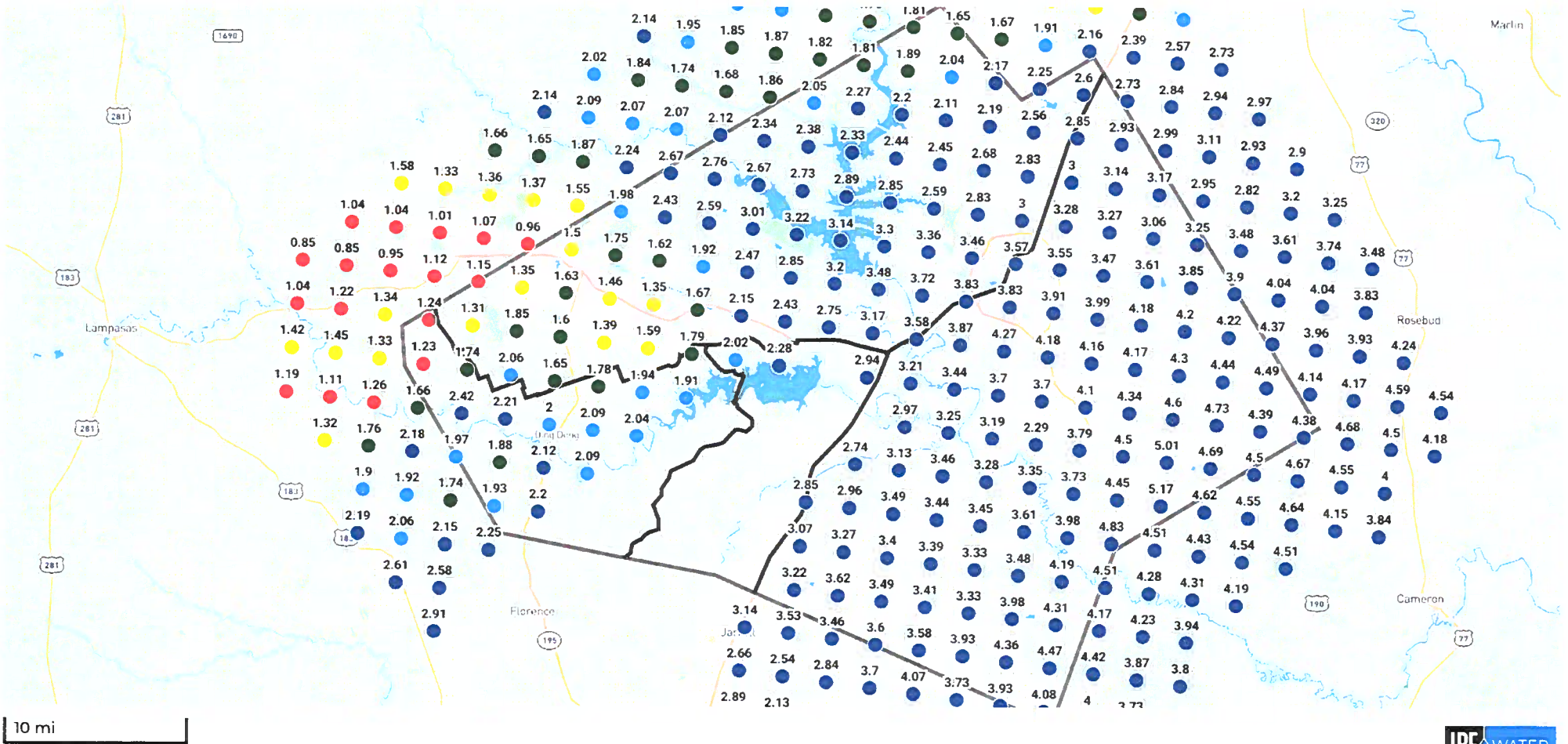
Created: April 10th 2023, 4:15pm



# CUWCD Map

## NOAA 30 Day Rainfall - Trinity

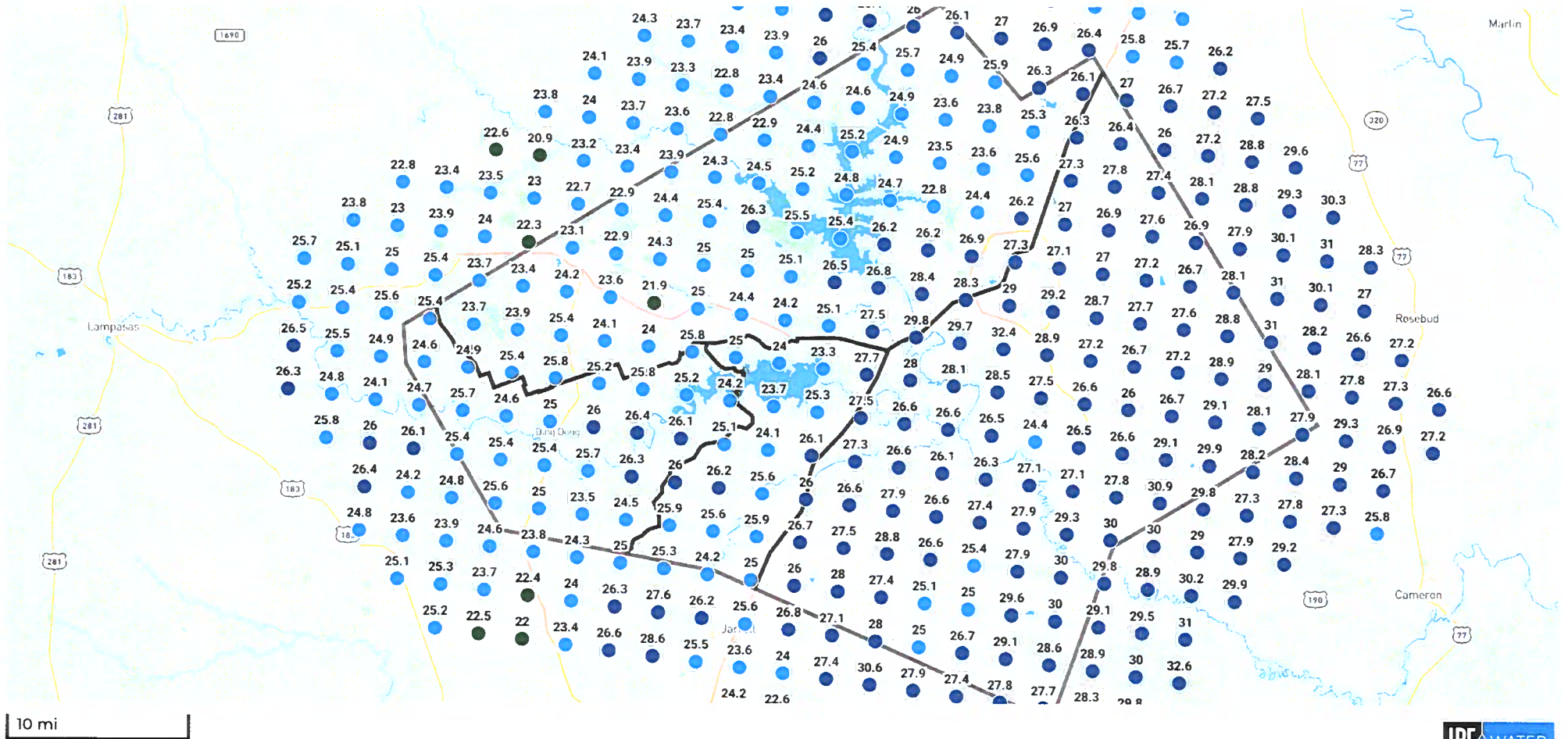
Created: April 10th 2023, 4:14pm



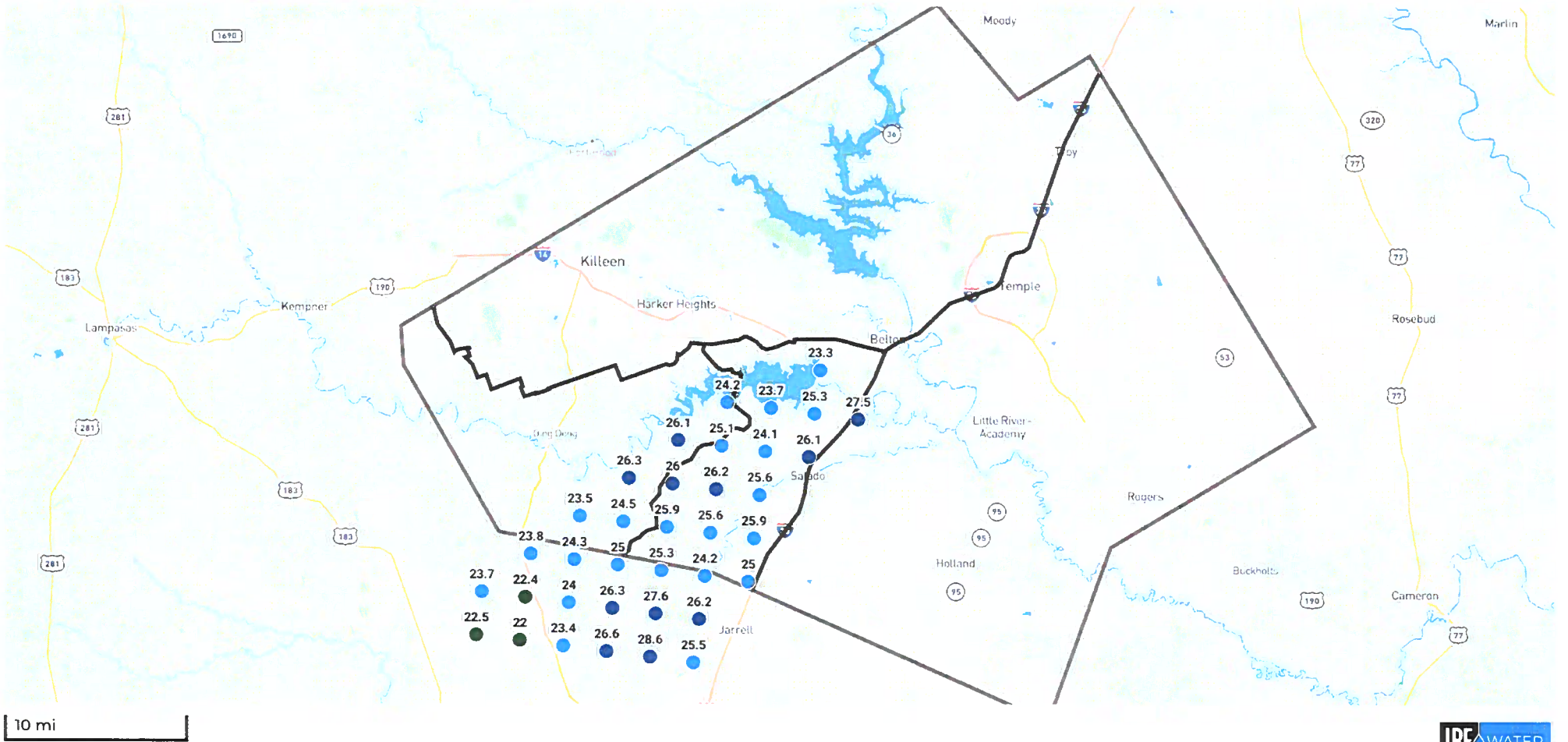
# CUWCD Map

## NOAA 365 Day Rainfall

Created: April 10th 2023, 4:13pm



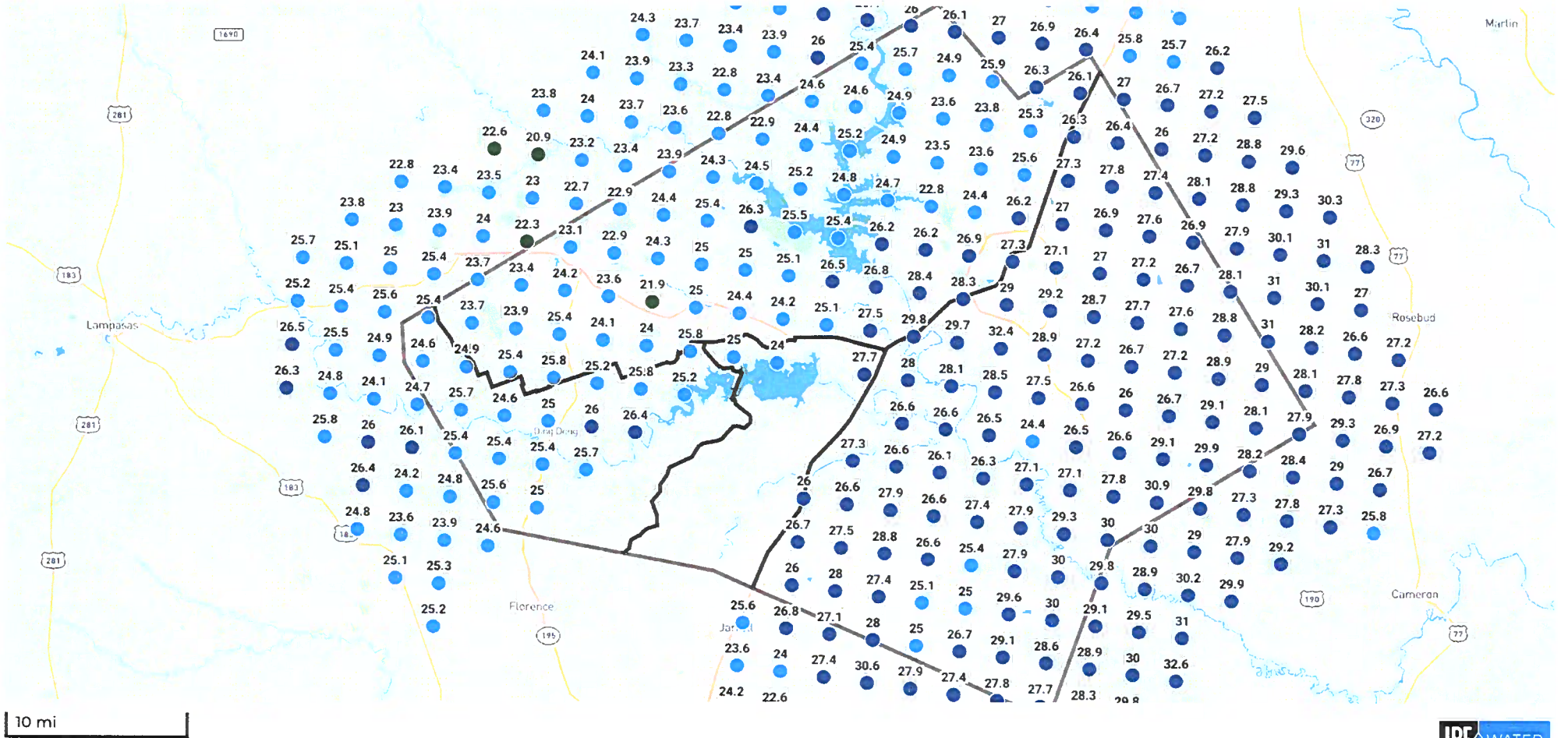
**CUWCD Map**  
**NOAA 365 Day Rainfall - Edwards BFZ**  
Created: April 10th 2023, 4:13pm



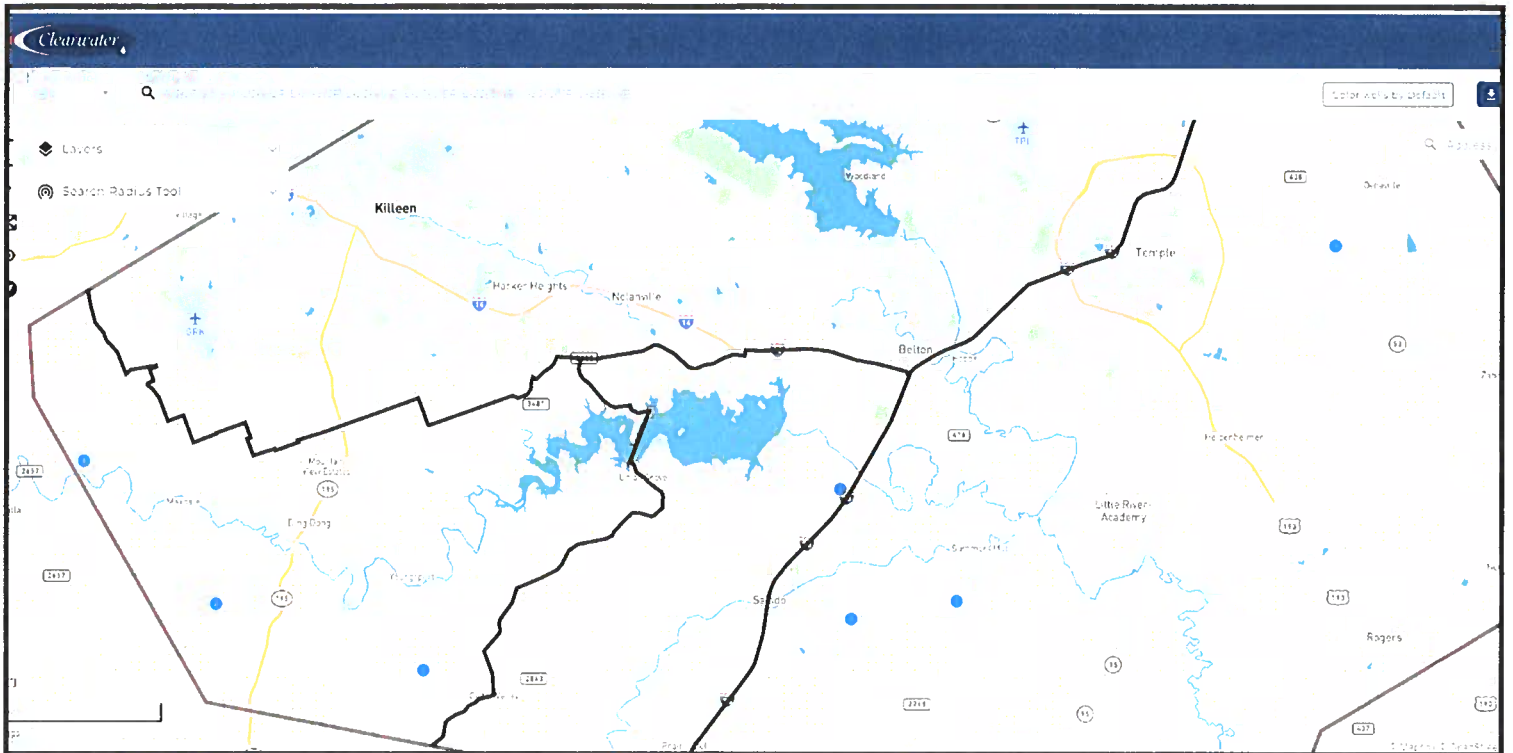
# CUWCD Map

## NOAA 365 Day Rainfall - Trinity

Created: April 10th 2023, 4:14pm



# Registered Wells - March 2023



<u>Well #</u>	<u>Well Owner</u>	<u>Address</u>	<u>City</u>	<u>Aquifer</u>	<u>Depth</u>	<u>Use</u>	<u>Status</u>
E-23-012P	Limmemann	2205 Sunrise Dr	Belton	Edwards	340	Domestic	Proposed
E-23-013P	Daniel	2450 Briggs Rd	Killeen	Low Trin	650	Domestic	Proposed
E-23-014P	Wilson	705 Tahuaya Dr	Belton	Edwards	180	Lvstk/Plty	Proposed
E-23-015P	Crochet	14317 Oakalla Rd	Killeen	Mid Trin	400	Domestic	Proposed
E-23-016P	French	185 Artisans Way	Florence	Mid Trin	800	Domestic	Proposed
E-23-017P	Cortez	8908 Heartwood Dr	Ft Worth	Allubium	60	Domestic	Proposed
E-23-018P	Schoepf	5454 FM 1123	Belton	Alluvium	60	Lvstk/Plt	Proposed
N3-23-001P	Daniel	90 Elmo St	Florence	Lower Tri	650	Domestic	Proposed

## Well Registration Totals - March 2023

Year	Exempt Wells		Non-Exempt Wells				Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Class 3	Water	Envr	
2002 - 2022	4469	1222	107	37	67	1	24	121	6048
2023 - Jan	1	2	0	0	0	0	0	0	3
Feb	5	3	0	0	0	0	0	0	8
Mar	0	7	0	0	0	1	0	0	8
April									0
May									0
June									0
July									0
Aug									0
Sep									0
Oct									0
Nov									0
Dec									0
Total 2022	6	12	0	0	0	1	0	0	19
Grand Totals	4475	1234	107	37	67	2	24	121	6067

## Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells				Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Class 3	Water	Envr	
2002-Present	4475	1234	107	37	67	2	24	121	6067
**Never Drilled	N/A	-38	N/A	-5	-8	0	-1	0	-52
**Plugged	-280	-51	-18	-2	-1	0	-2	-60	-414
**Totals	4195	1145	89	30	58	2	21	61	5601

(\*\*adjustment updated 4/11/23)