



## *Clearwater Underground Water Conservation District*

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*Leland Gersbach, President*

*Gary Young*

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*Scott Brooks*

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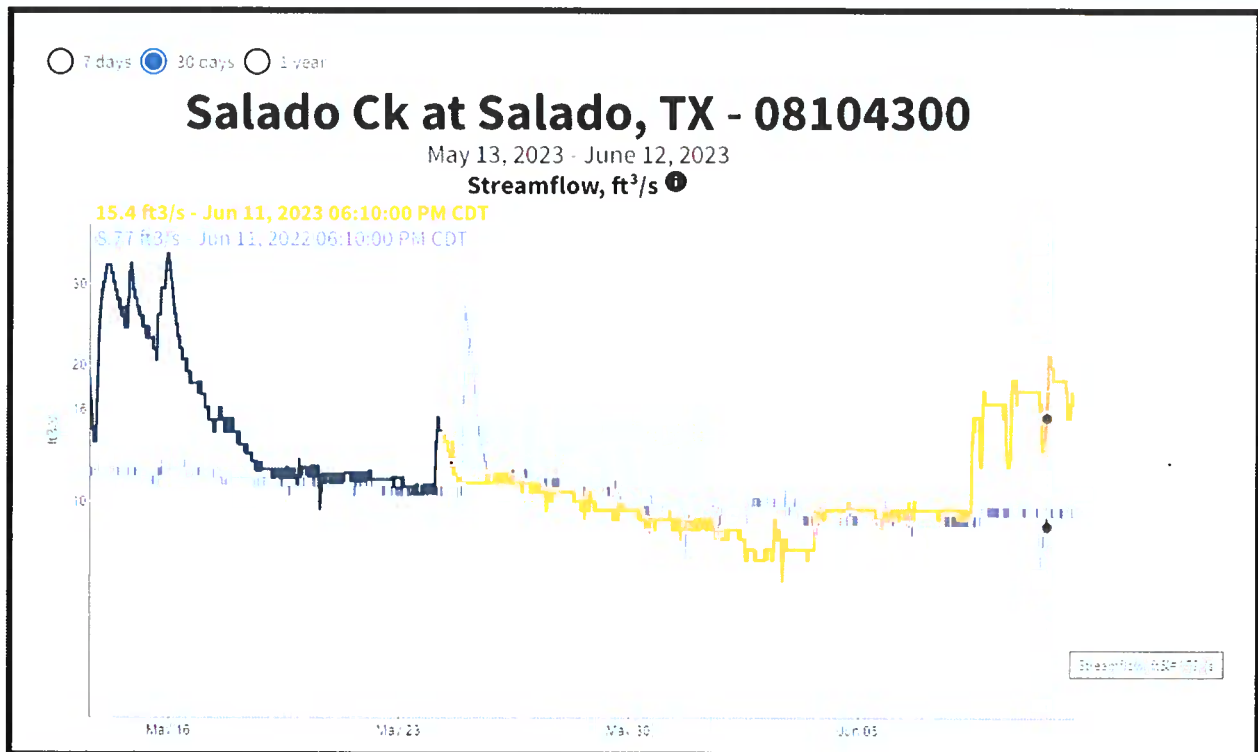
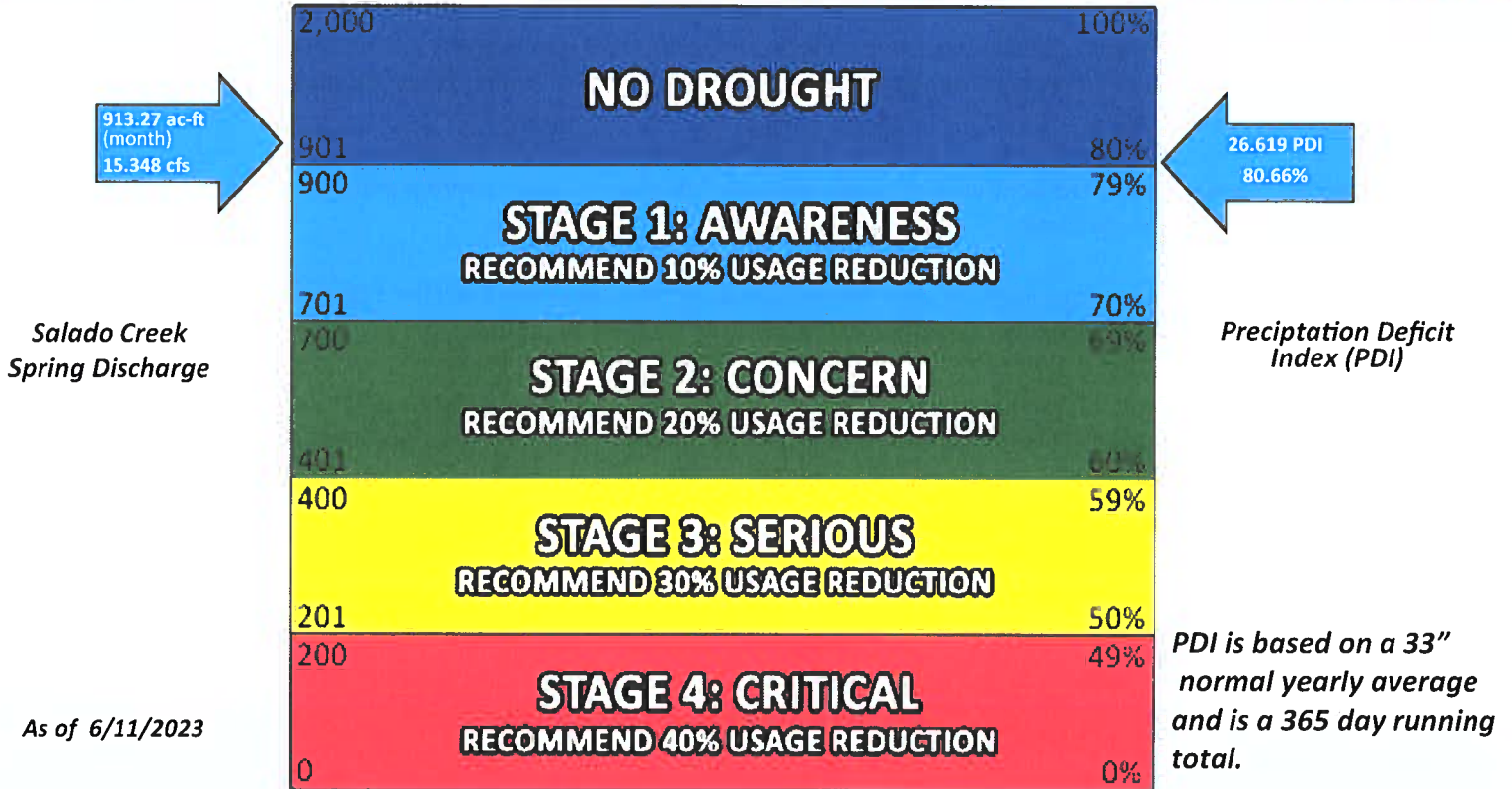
### Clearwater Staff Reports

June 13, 2023

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

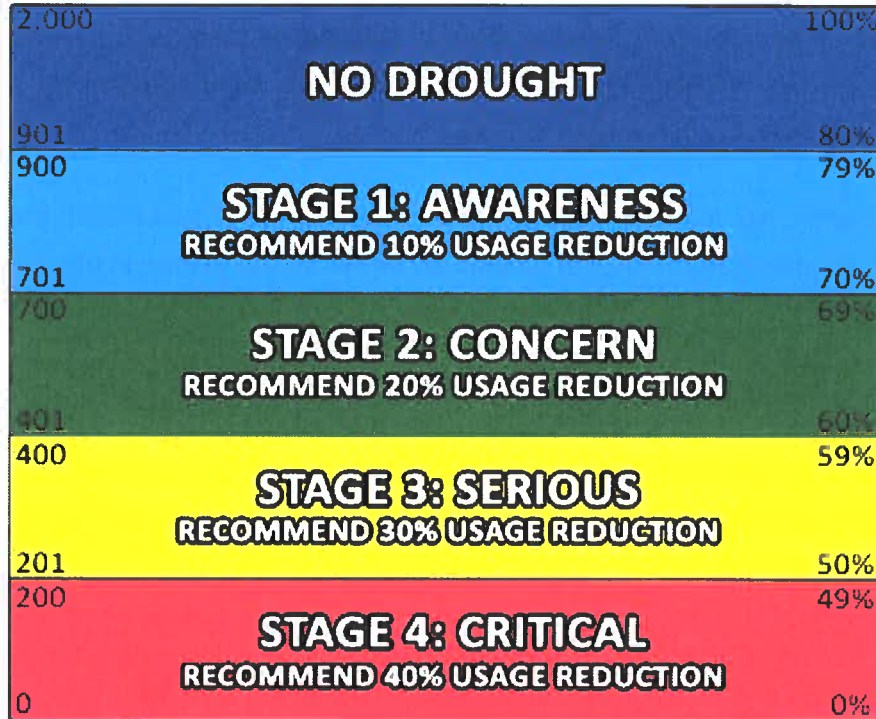
# Edwards BFZ Aquifer—Drought Status Report

## STAGE 1: AWARENESS



# Trinity Aquifer—Drought Status Report

## NO DROUGHT

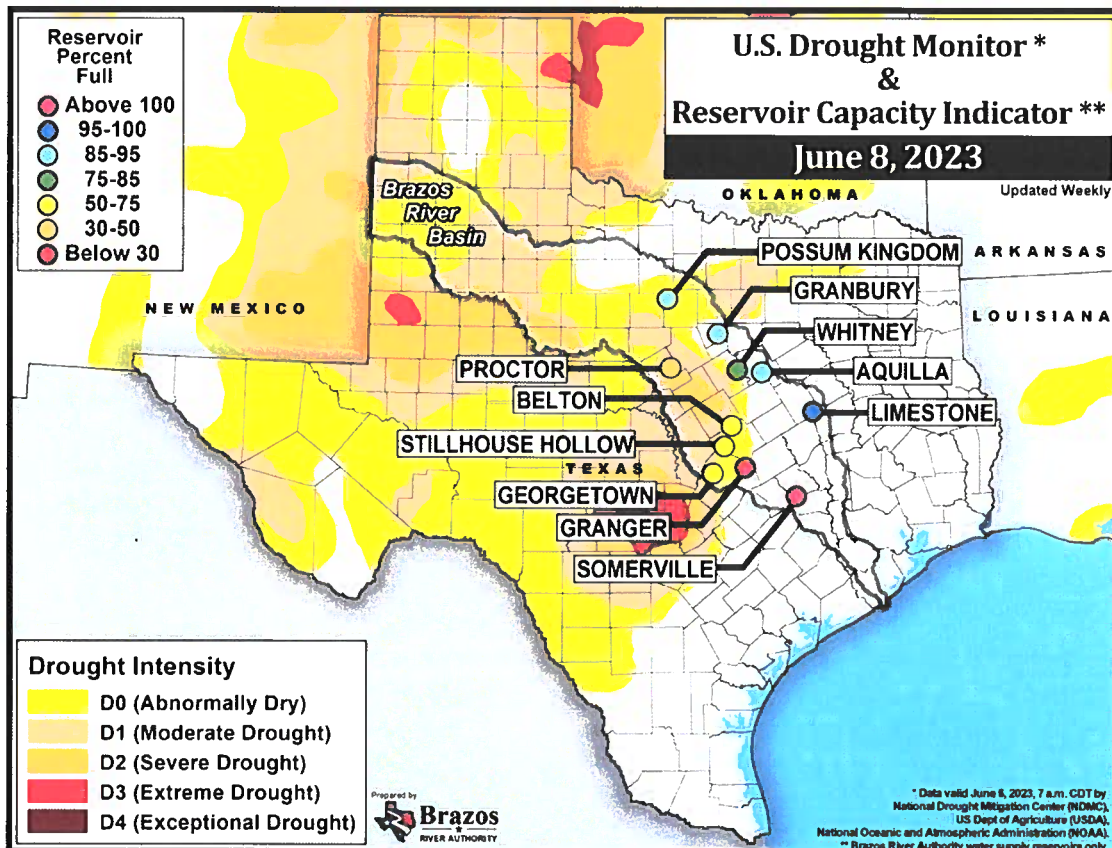


← 28.926 PDI  
87.65 %

Precipitation Deficit Index (PDI)

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

AS OF 6/11/2023





## *Education Outreach Highlights 6/13/23*

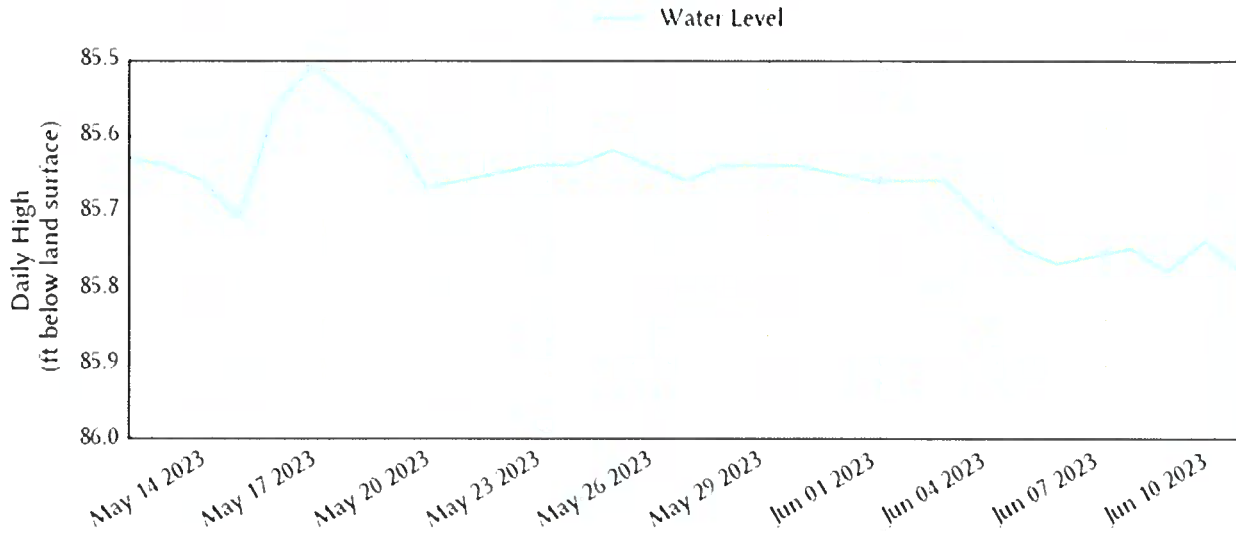
- 1. Goal: Improve our educational outreach efforts and expand our identified audiences (4<sup>th</sup>-5<sup>th</sup> grade, high school environmental sciences students, and the real estate sales community).** Goals and objectives in the Management Plan (A:3, A:4, B, F:1, F:2 pages 22-26).
  - June 13 – Staff will present to the Tier I 4-H2O Leadership Academy at Lake Belton.
  - July 6 – Staff will present at the STEM Camp hosted by TAMU-CT.
  
- 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.

**June 2023**

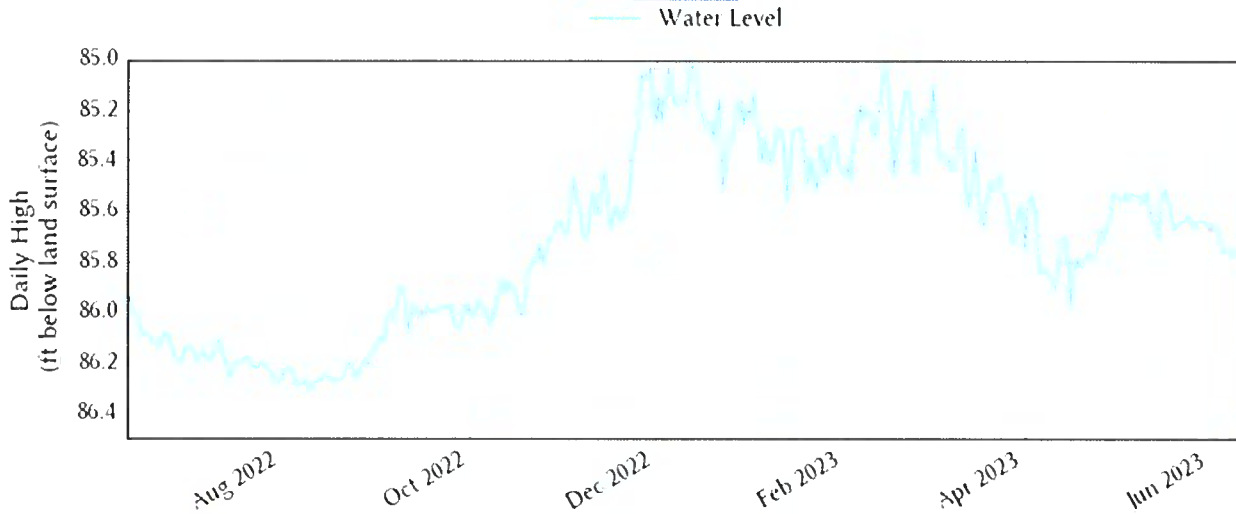
**Continuous Monitoring Well # 4058201  
(Central Texas College - Ranch Rd)  
Upper Trinity Aquifer**

**Total Depth: 435 ft**

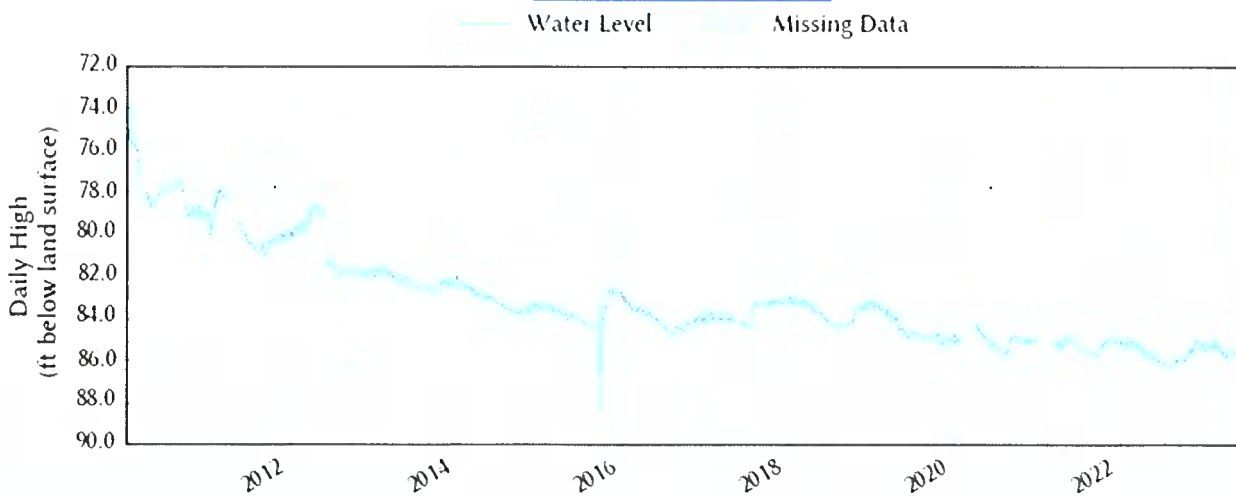
**Last 30 Days**



**1 Year**



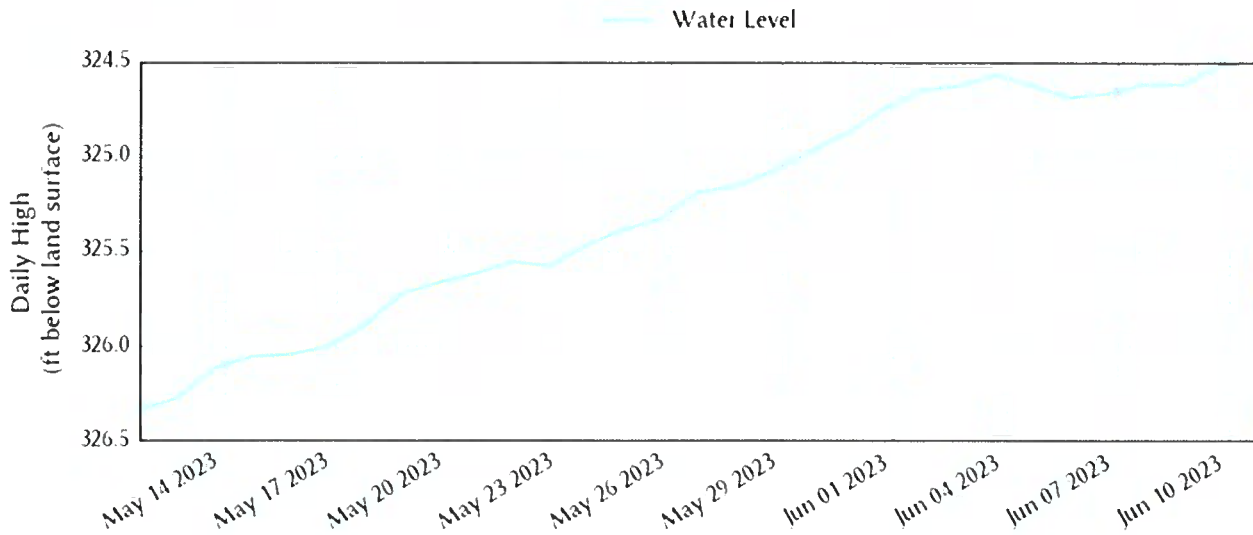
**Period Of Record**



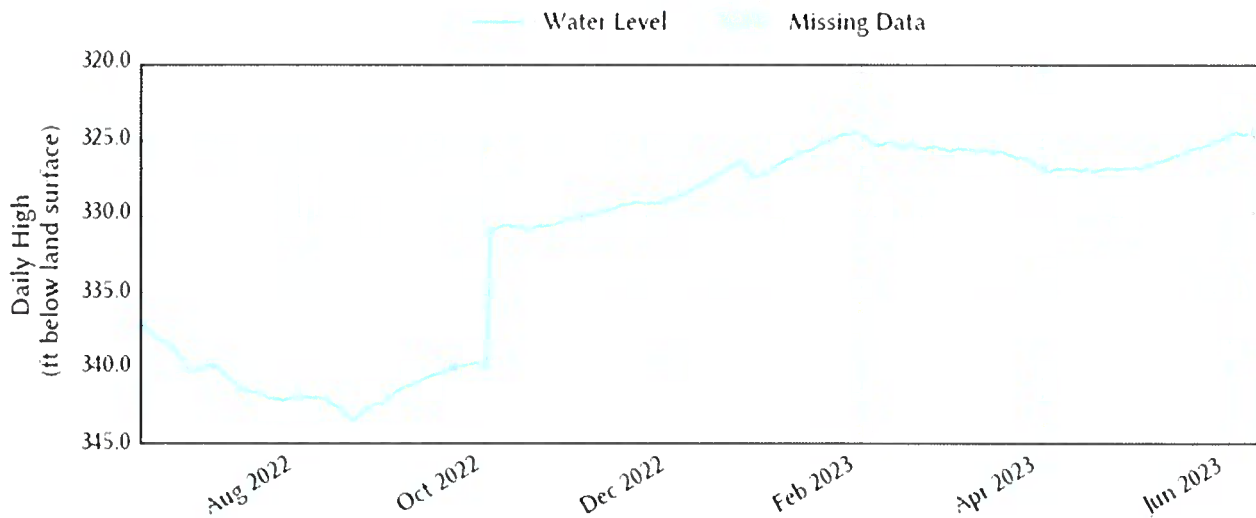
Continuous Monitoring Well # 4057601  
(Copperas Cove)  
Middle Trinity Aquifer

Total Depth: 469ft

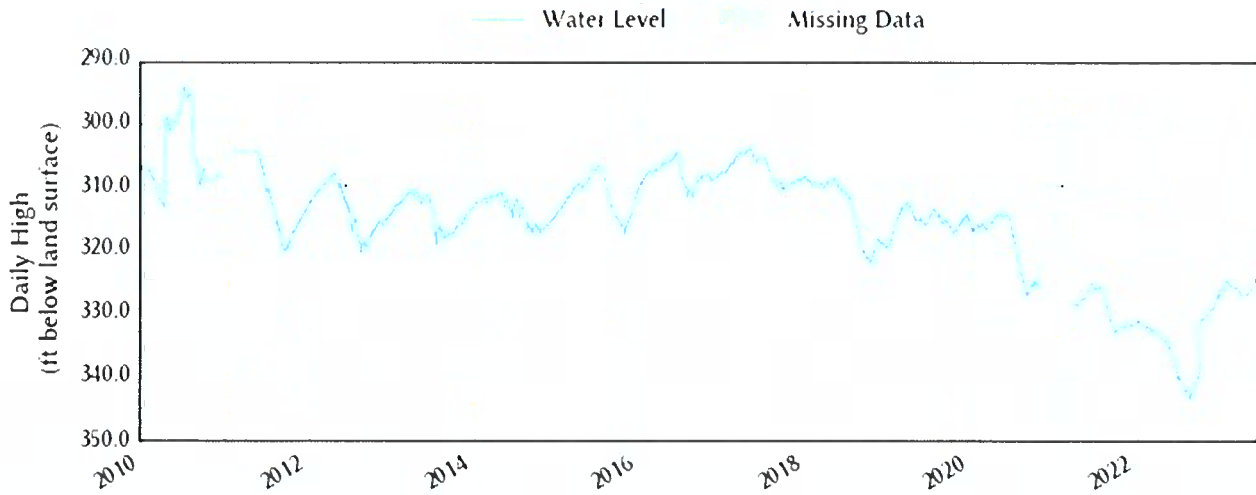
Last 30 Days



1 Year



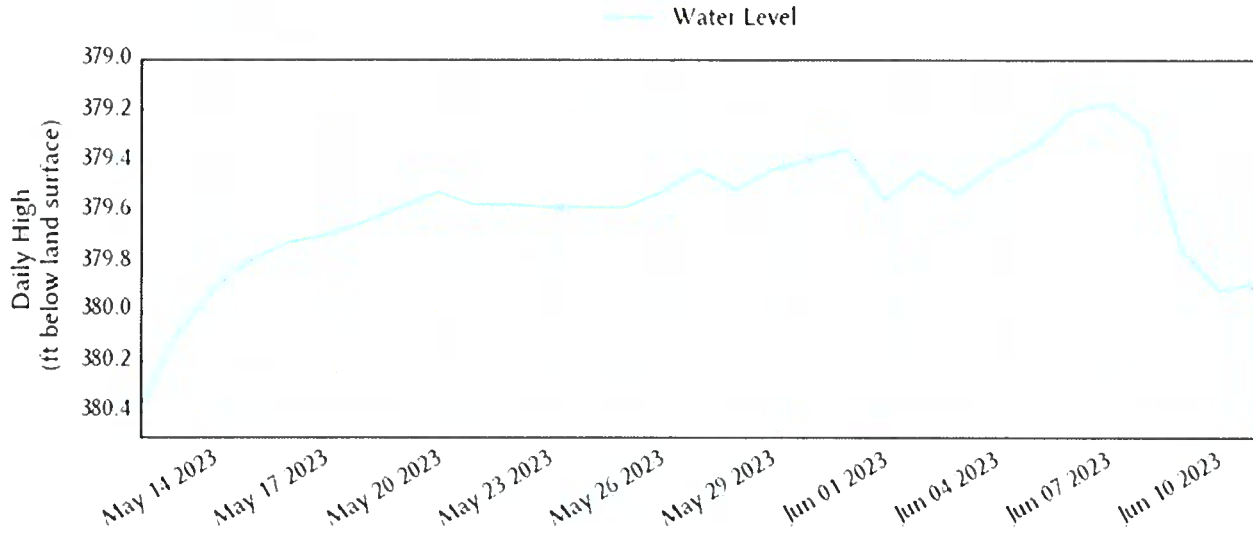
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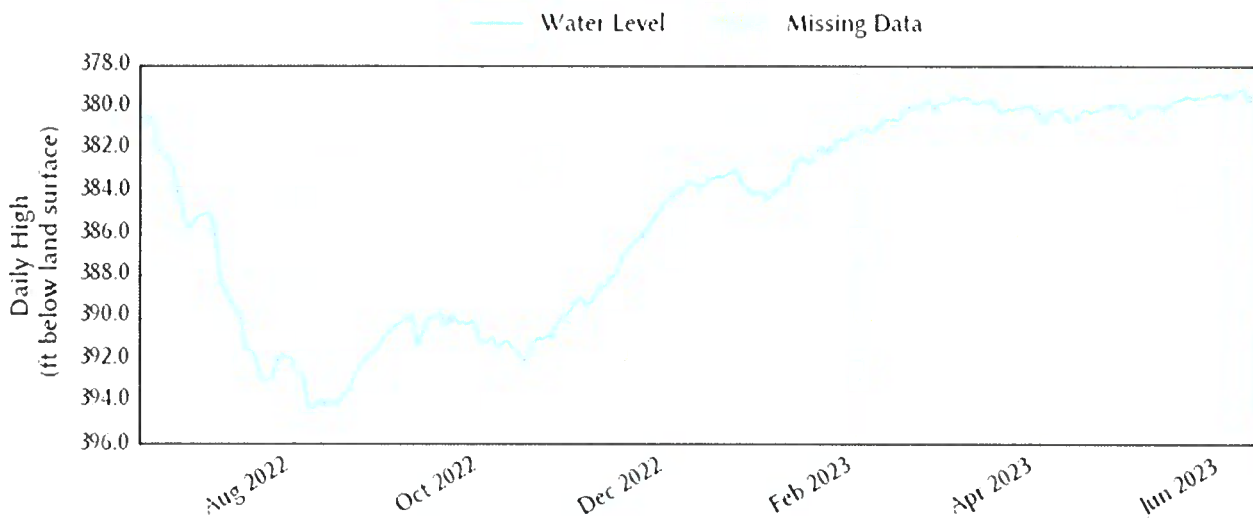
Continuous Monitoring Well # 5802304  
(Killeen - River Ridge Ranch Park Well #1)  
Middle Trinity Aquifer

Total Depth: 467 ft

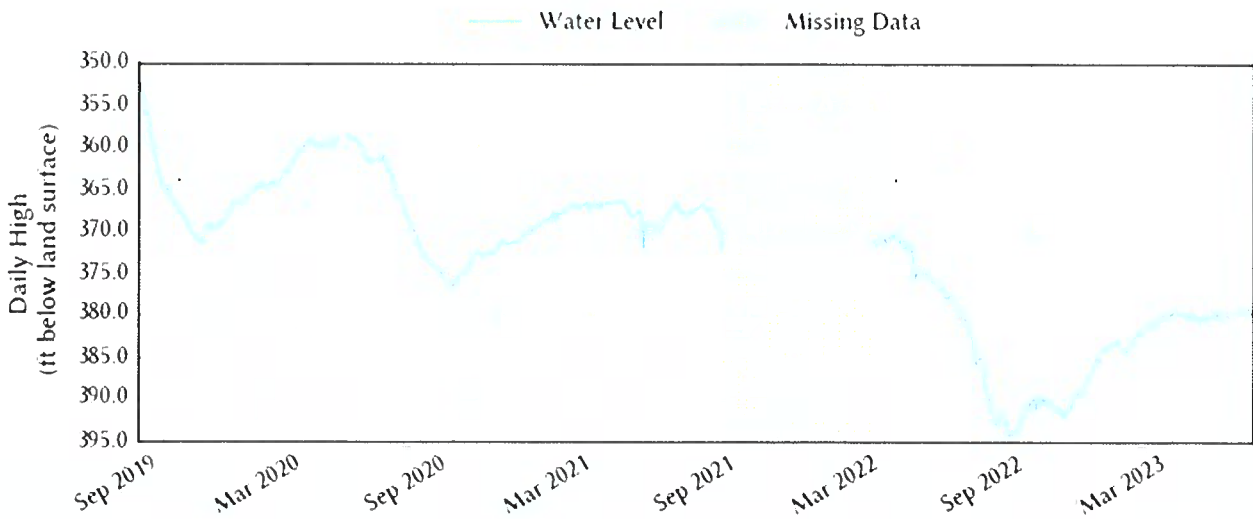
Last 30 Days



1 Year



Period Of Record

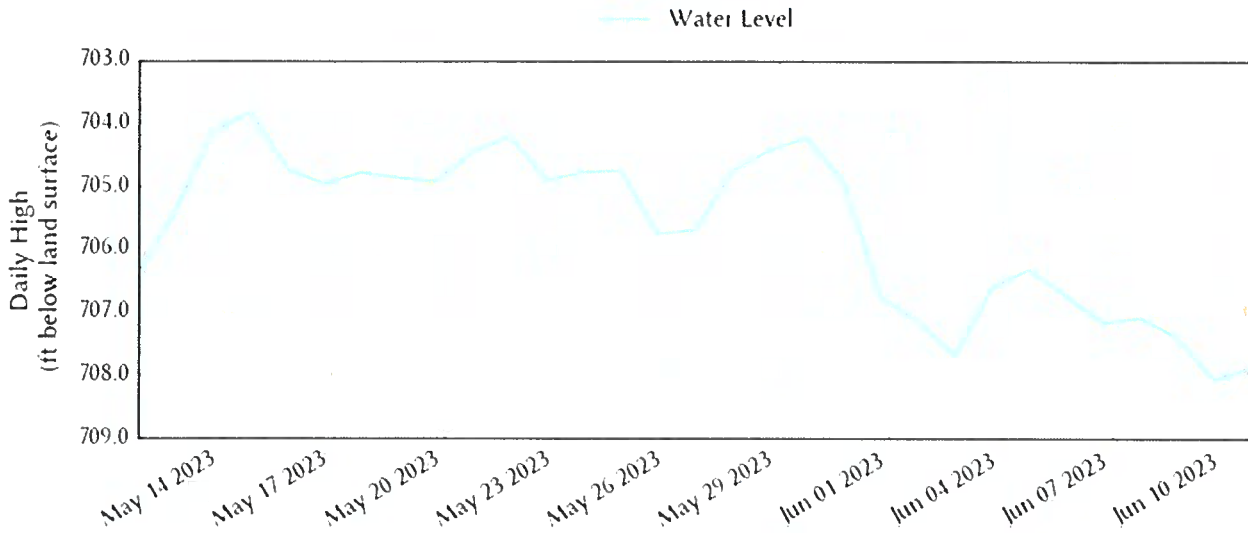


**June 2023**

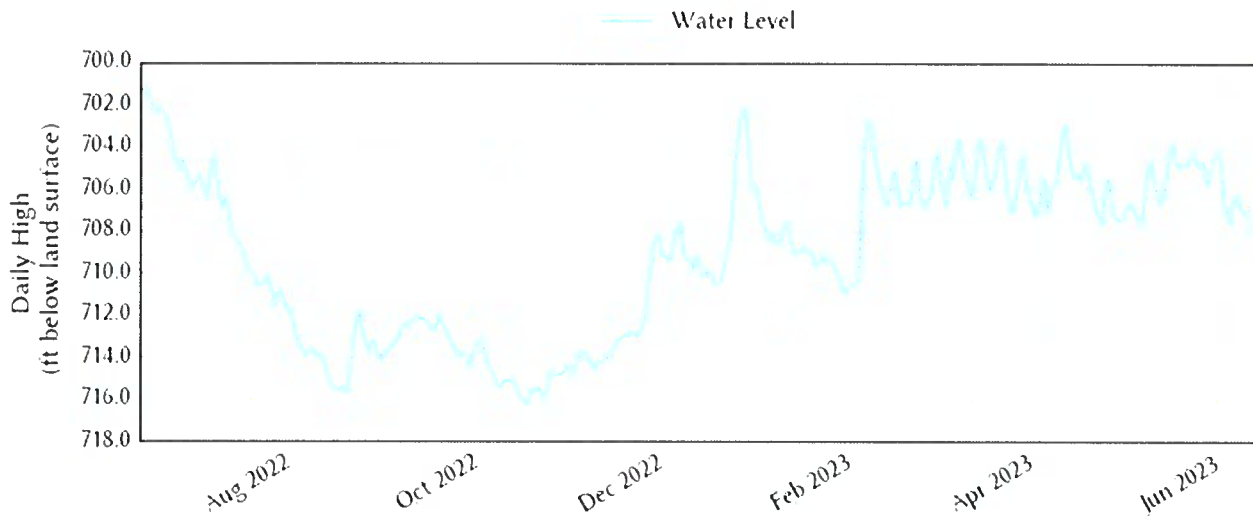
**Continuous Monitoring Well # 5803701  
(Gault Site - Williamson County)  
Middle Trinity Aquifer**

**Total Depth: 880 ft**

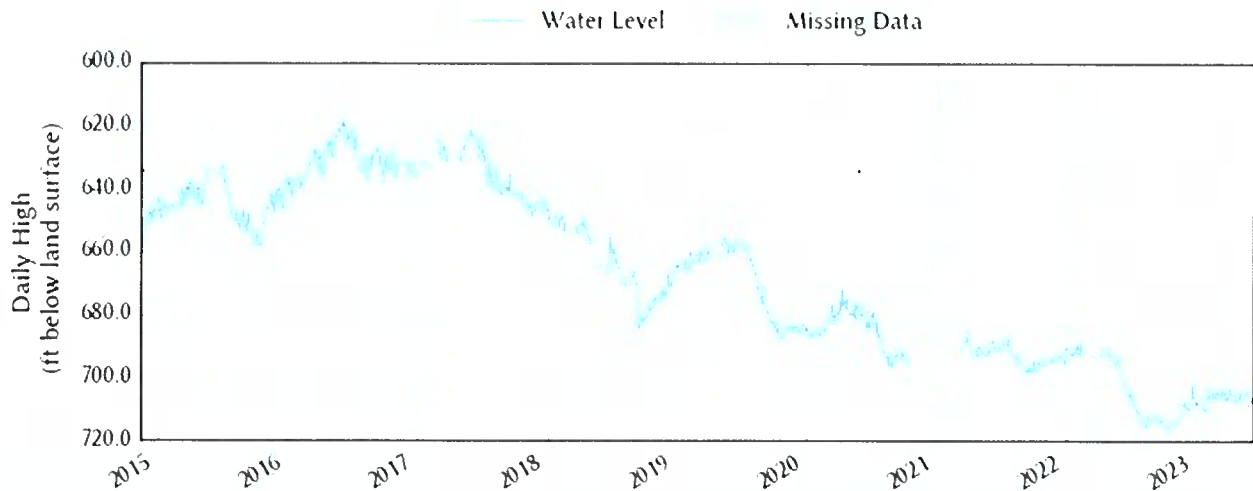
**Last 30 Days**



**1 Year**



**Period Of Record**



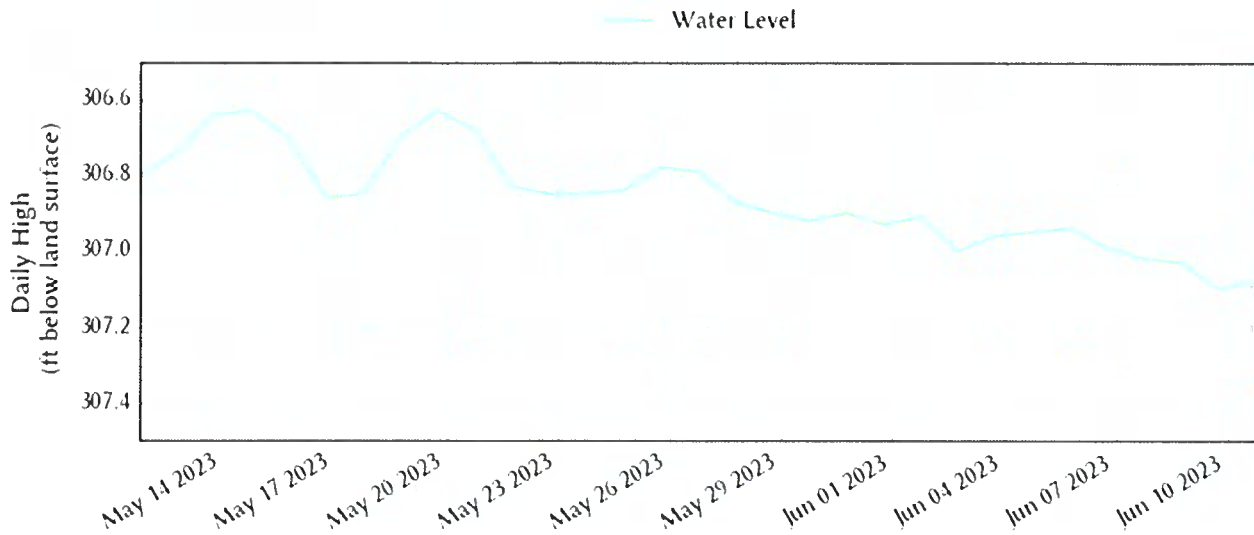


**June 2023**

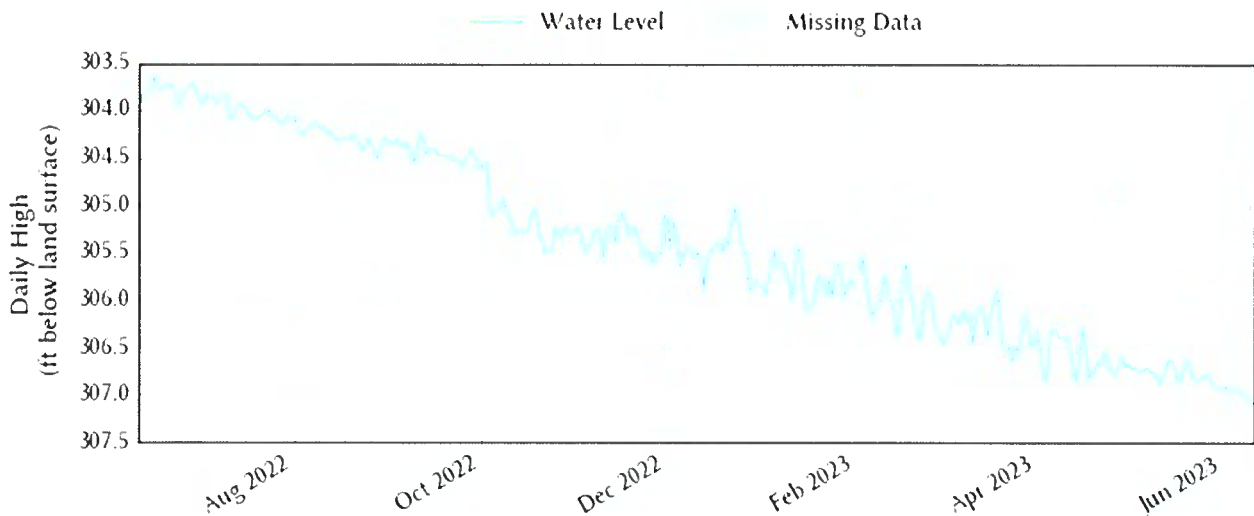
**Continuous Monitoring Well # 4057602  
(Copperas Cove)  
Lower Trinity Aquifer**

**Last 30 Days**

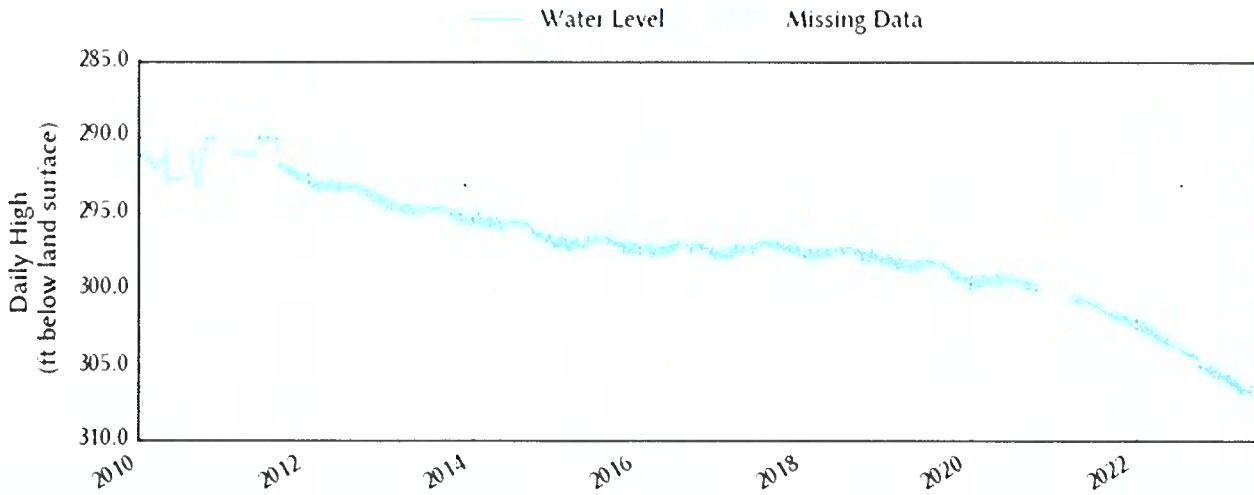
**Total Depth: 629 ft**



**1 Year**



**Period Of Record**

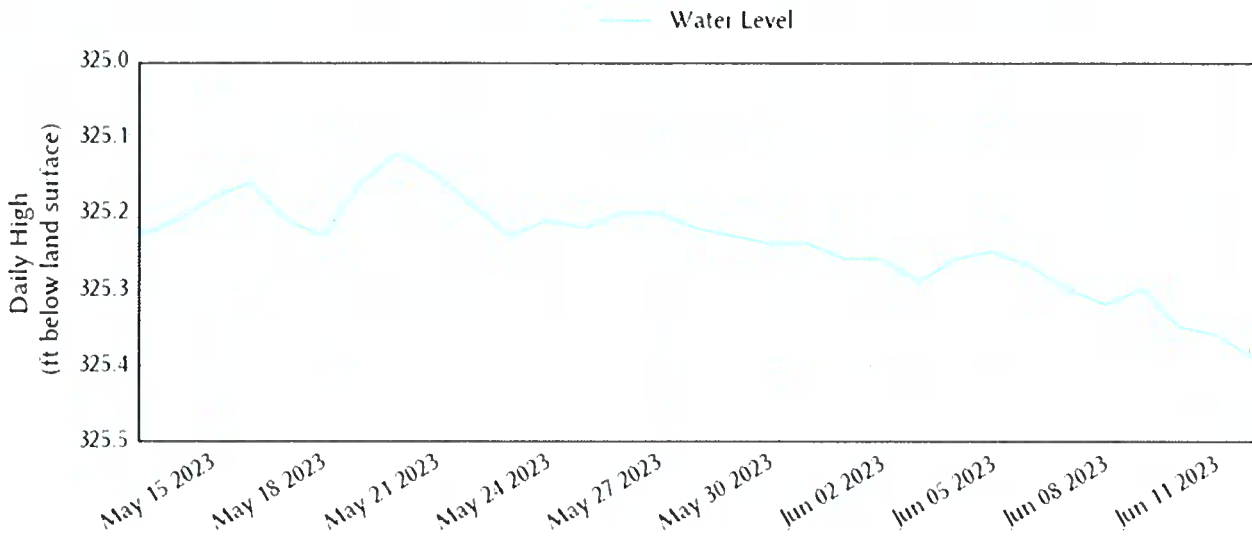


**June 2023**

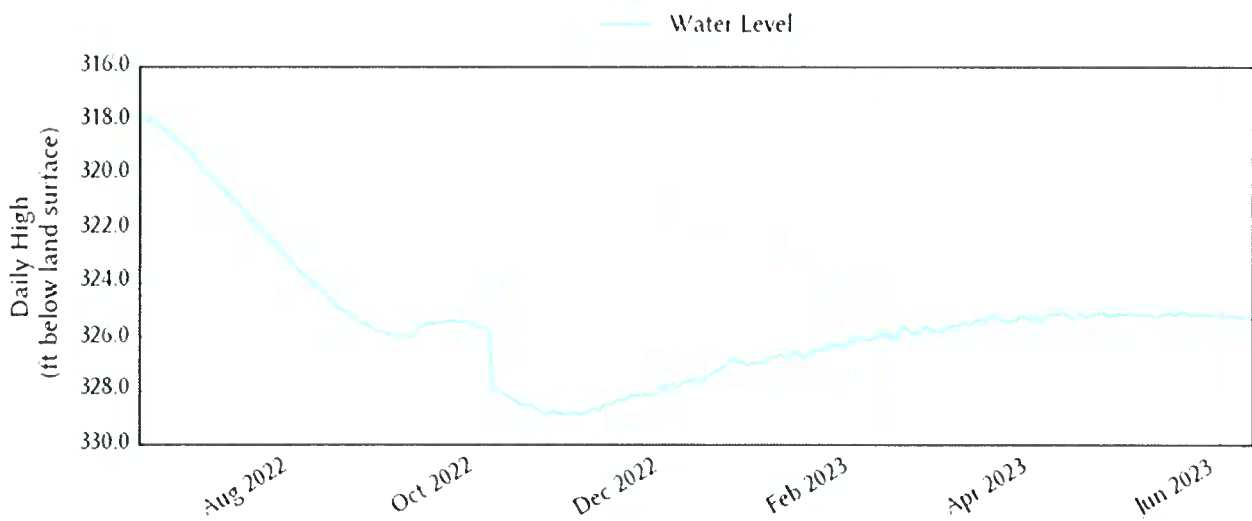
**Continuous Monitoring Well # 5802303  
(Killeen - River Ridge Ranch Park Well #2)  
Lower Trinity Aquifer**

**Total Depth: 637 ft**

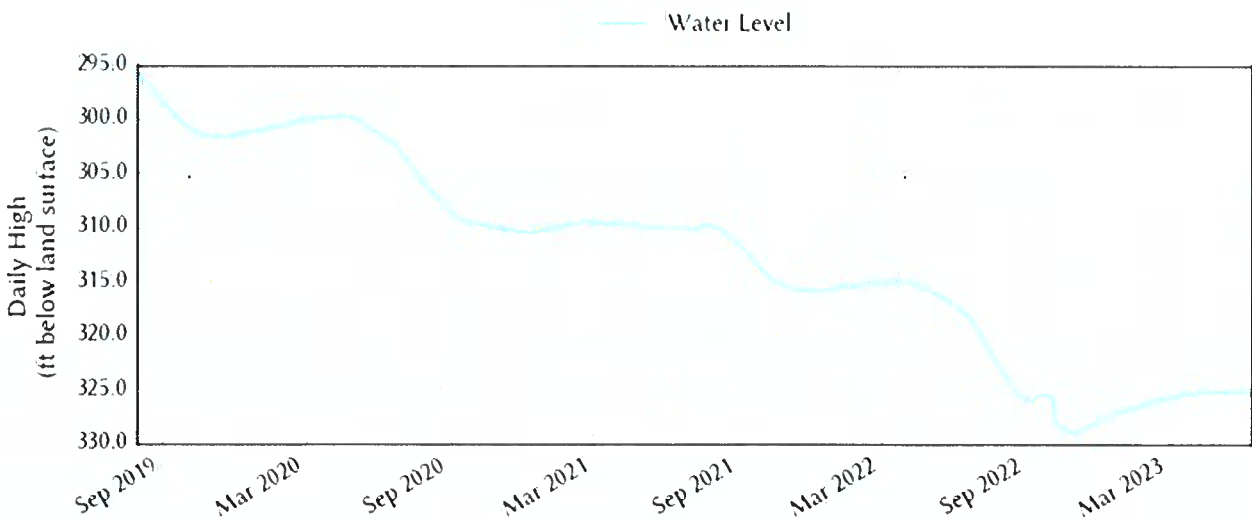
**Last 30 Days**



**1 Year**



**Period Of Record**

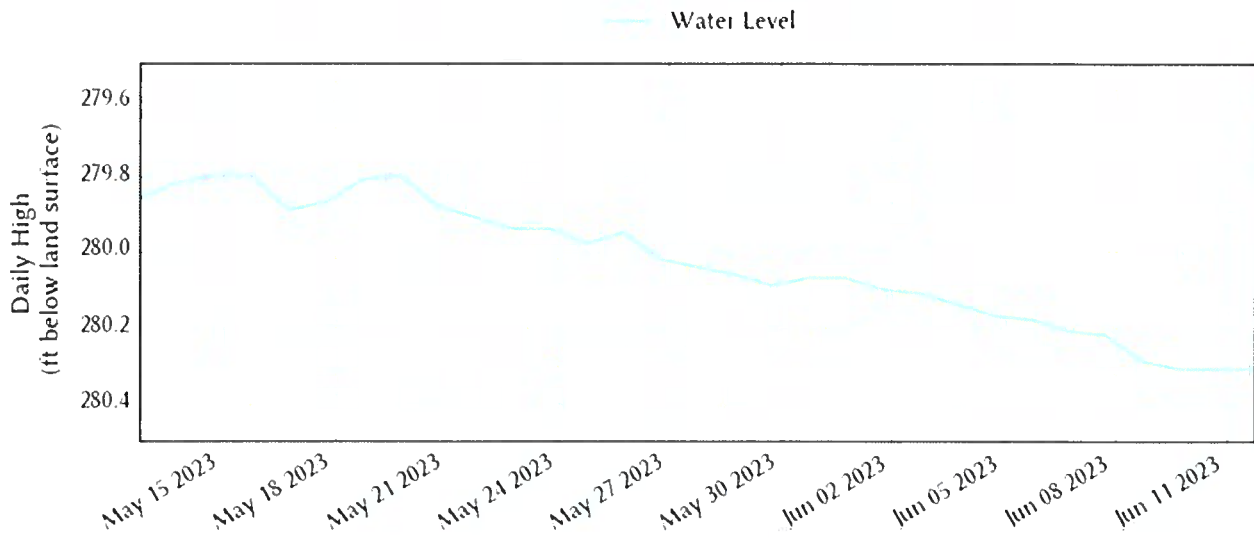


**June 2023**

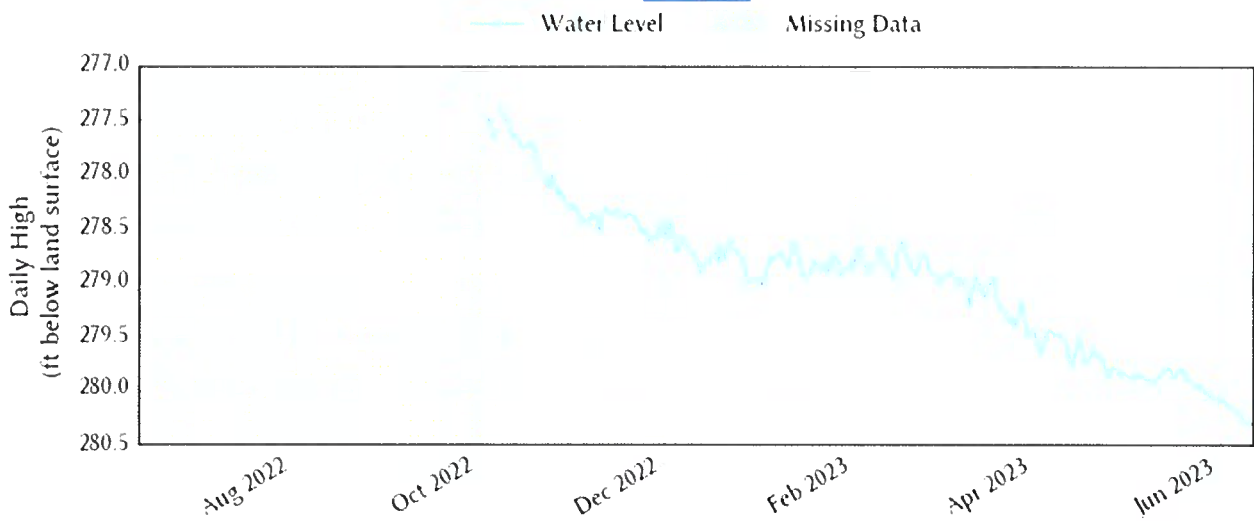
**Continuous Monitoring Well # 4061509  
(Temple - Pea Ridge Well)  
Lower Trinity Aquifer**

**Total Depth: 1,261 ft**

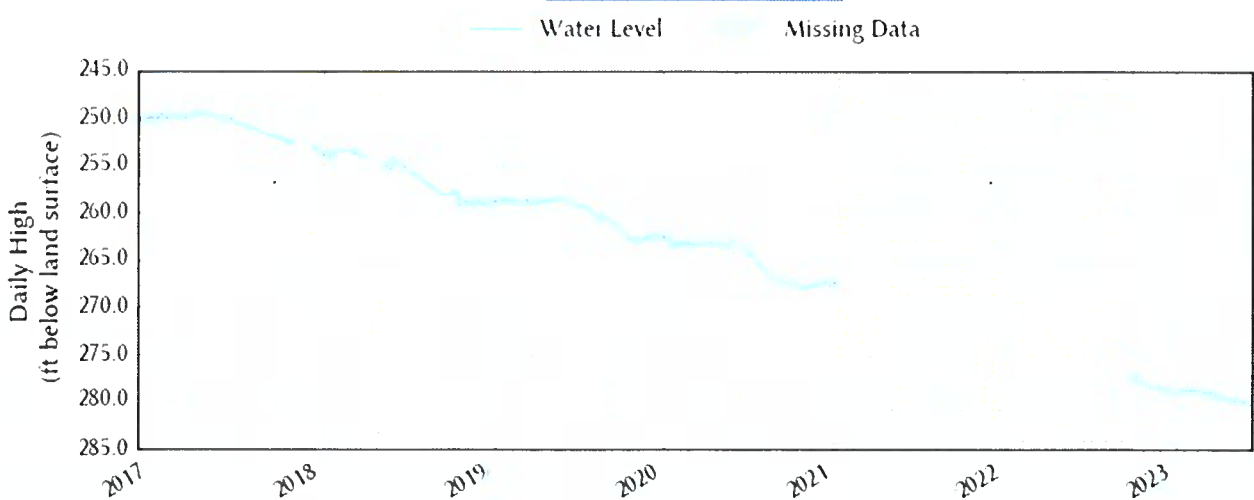
**Last 30 Days**



**1 Year**



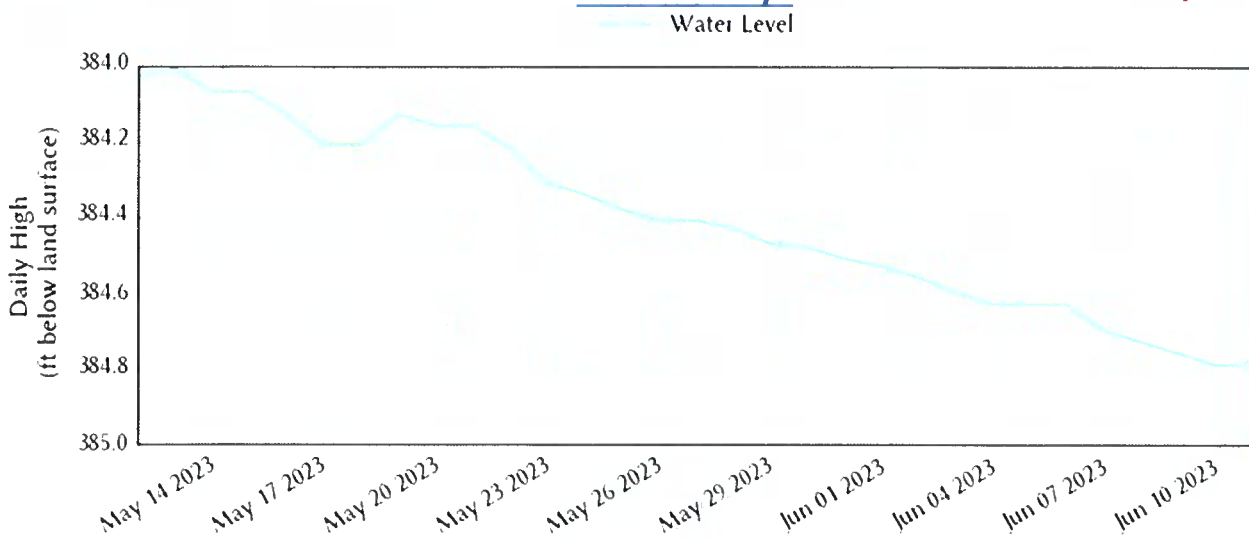
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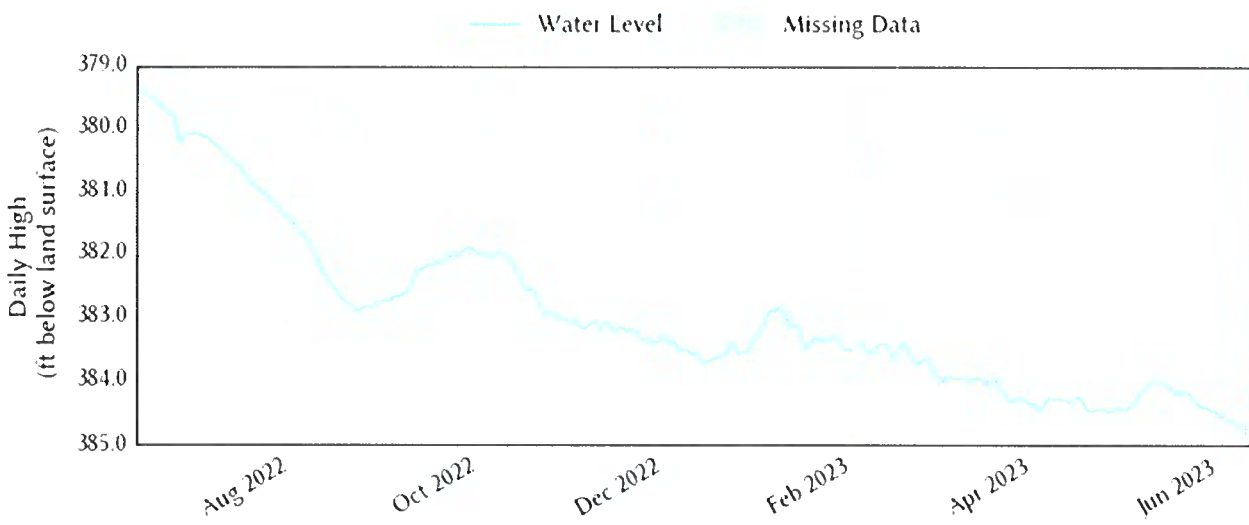
Continuous Monitoring Well # 4062501  
(Temple - Acres Well)  
Lower Trinity Aquifer

Total Depth: 2,236 ft

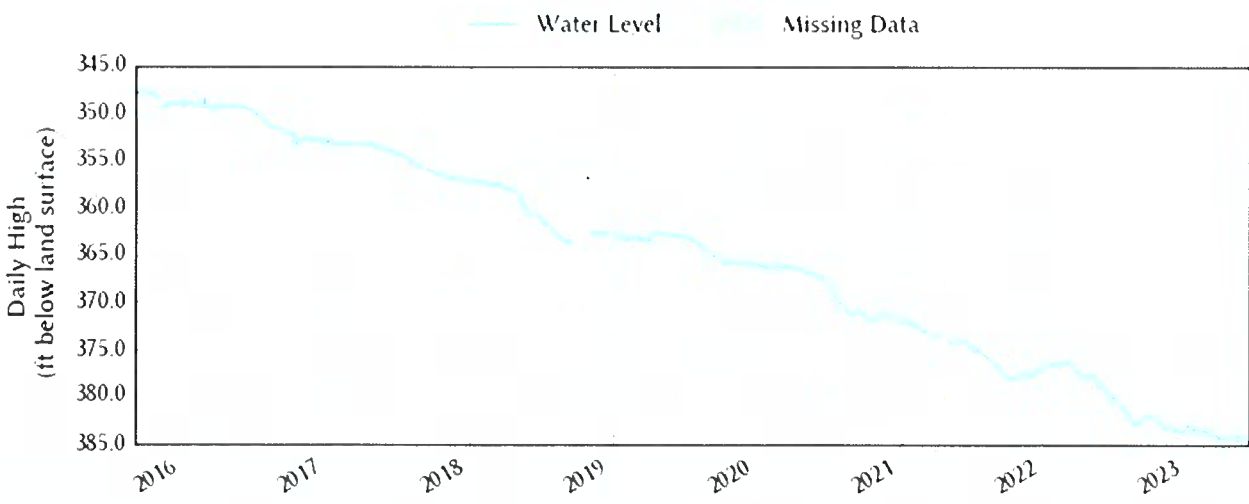
Last 30 Days



1 Year



Period Of Record

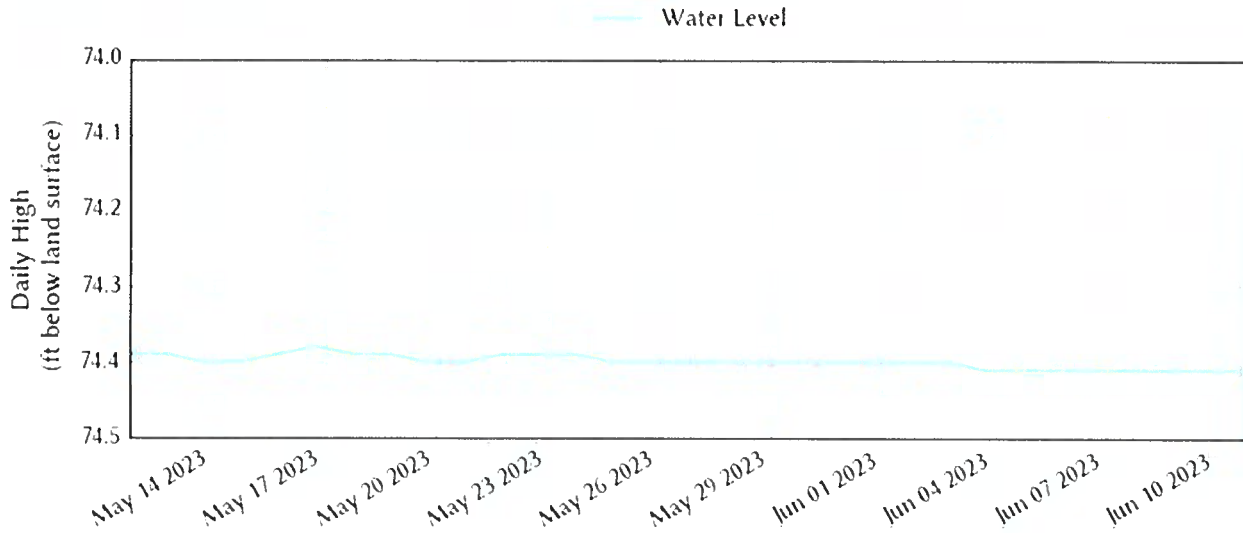


**June 2023**

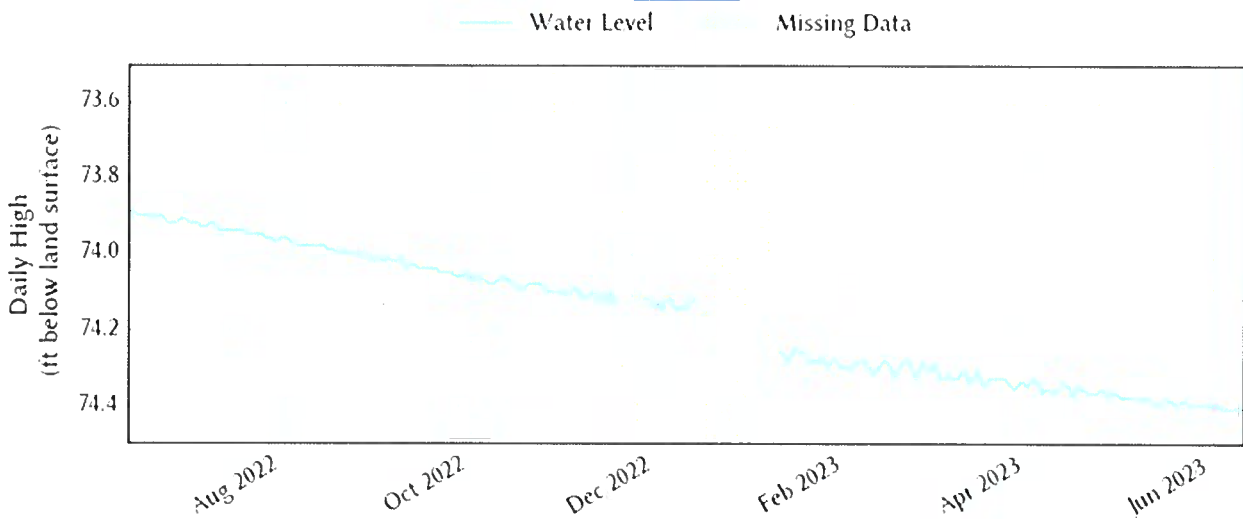
**Continuous Monitoring Well # 5804702  
(FM 2843 - Patterson's Crossing - Salado Creek)  
Edwards Aquifer**

**Total Depth: 95 ft**

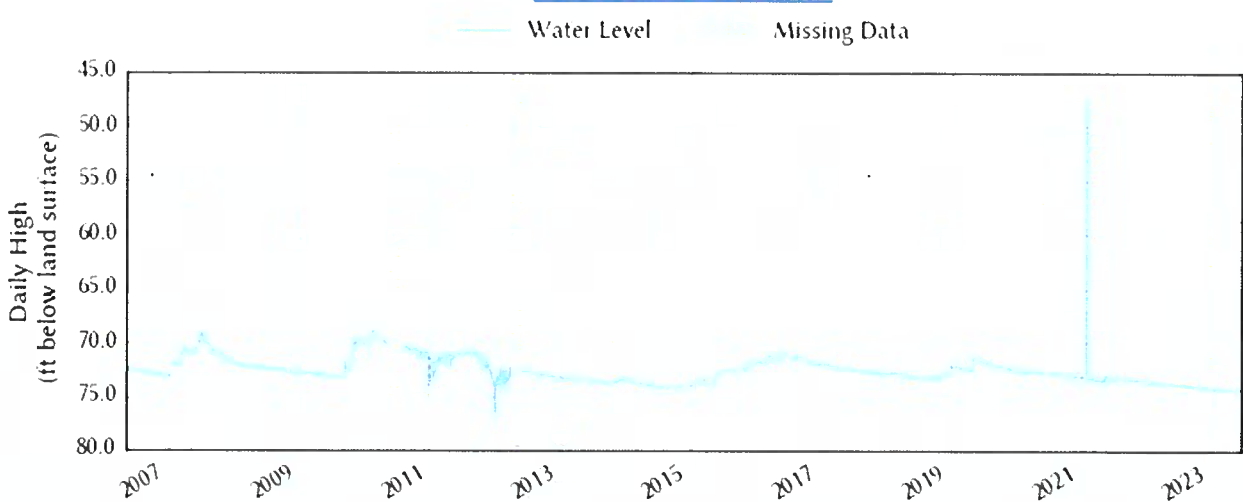
**Last 30 Days**



**1 Year**



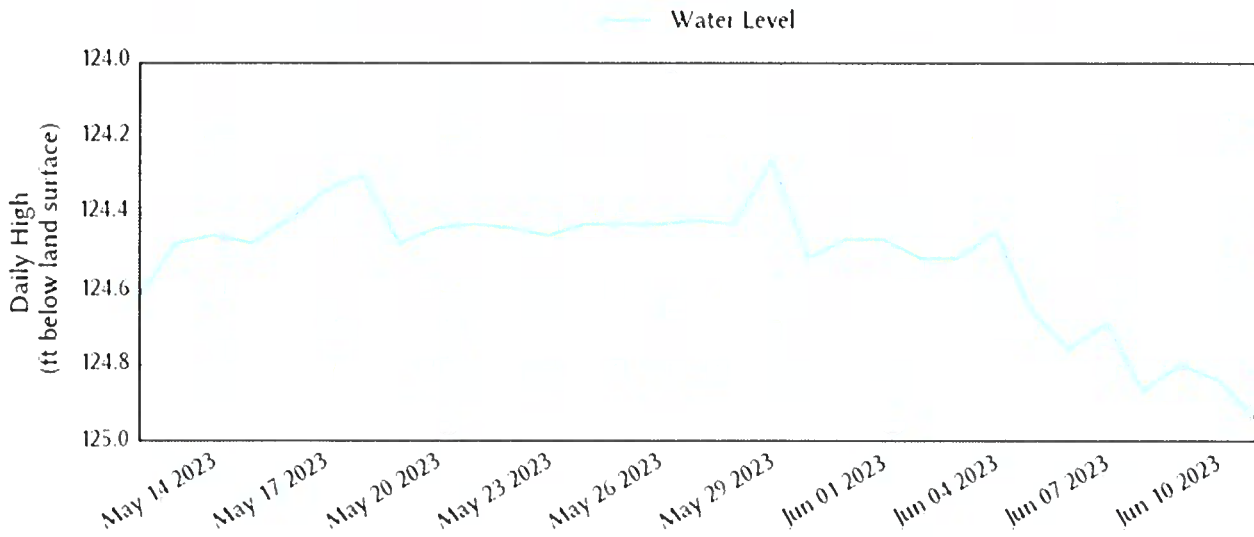
**Period Of Record**



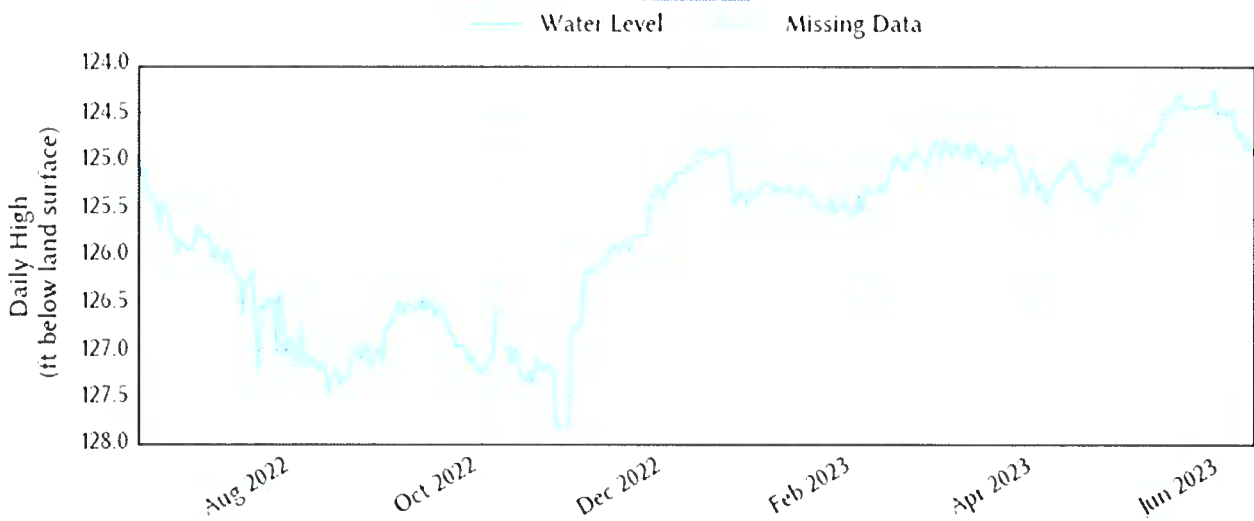
Continuous Monitoring Well # 5804816  
(IH-35 Rest Stop - West)  
Edwards Aquifer

Last 30 Days

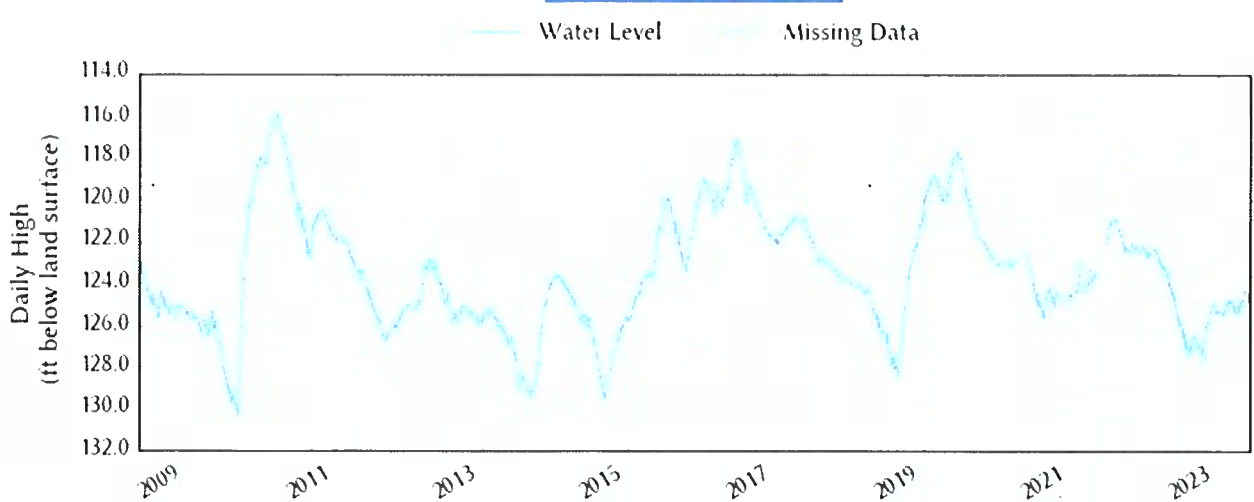
Total Depth: 170 ft



1 Year



Period Of Record

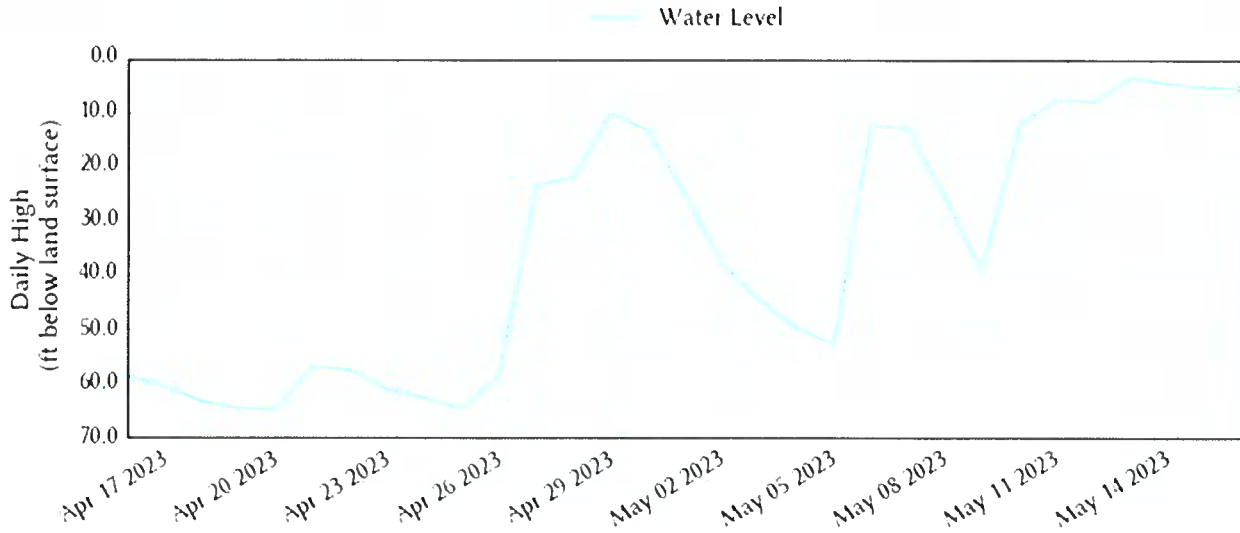


June 2023

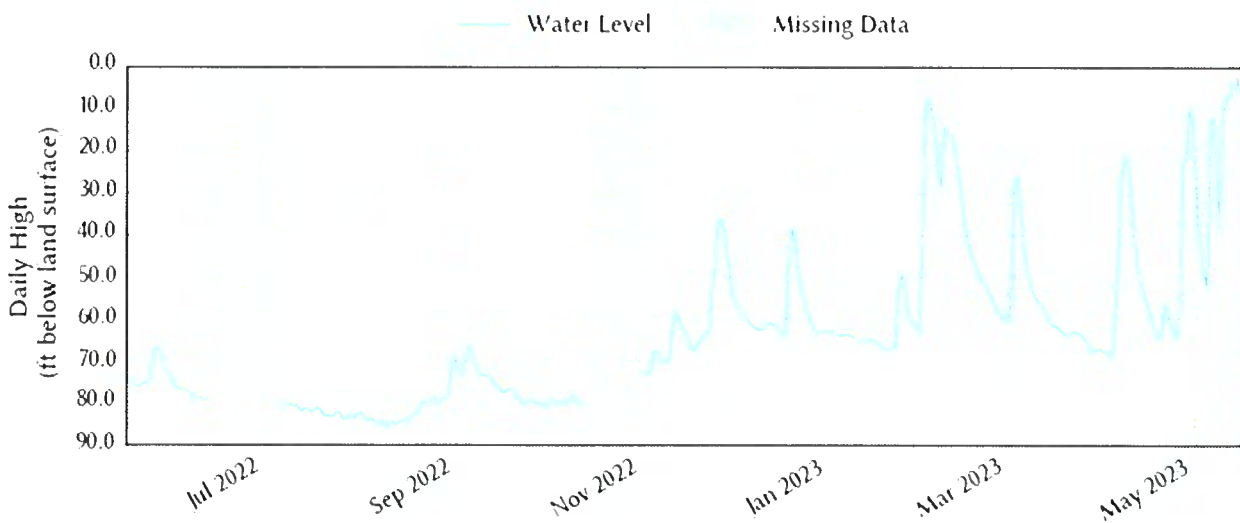
Continuous Monitoring Well # 5804628  
(Salado Cemetery)  
Edwards Aquifer

Last 30 Days

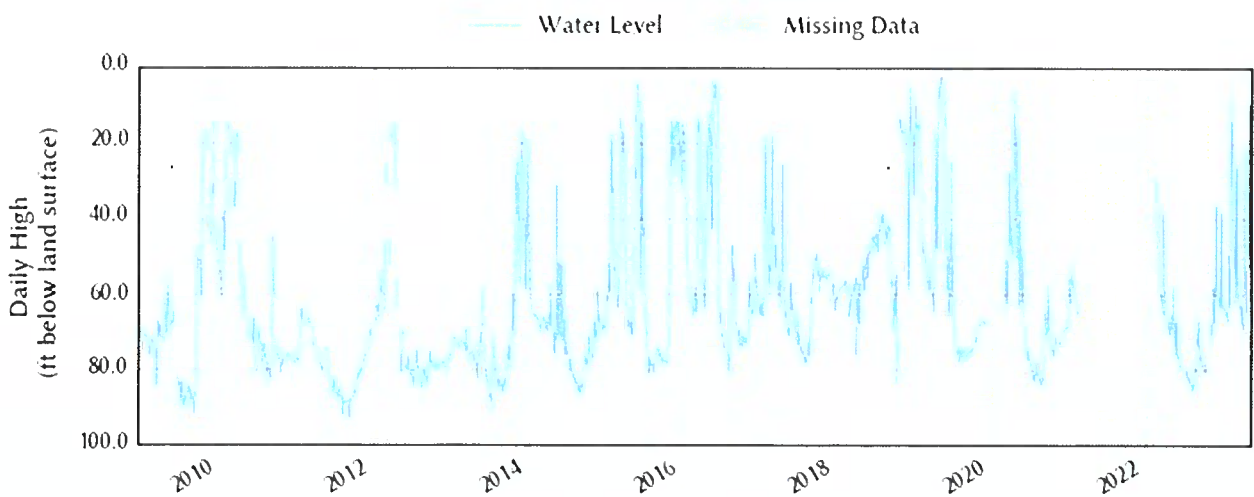
Total Depth: 129 ft



1 Year



Period Of Record

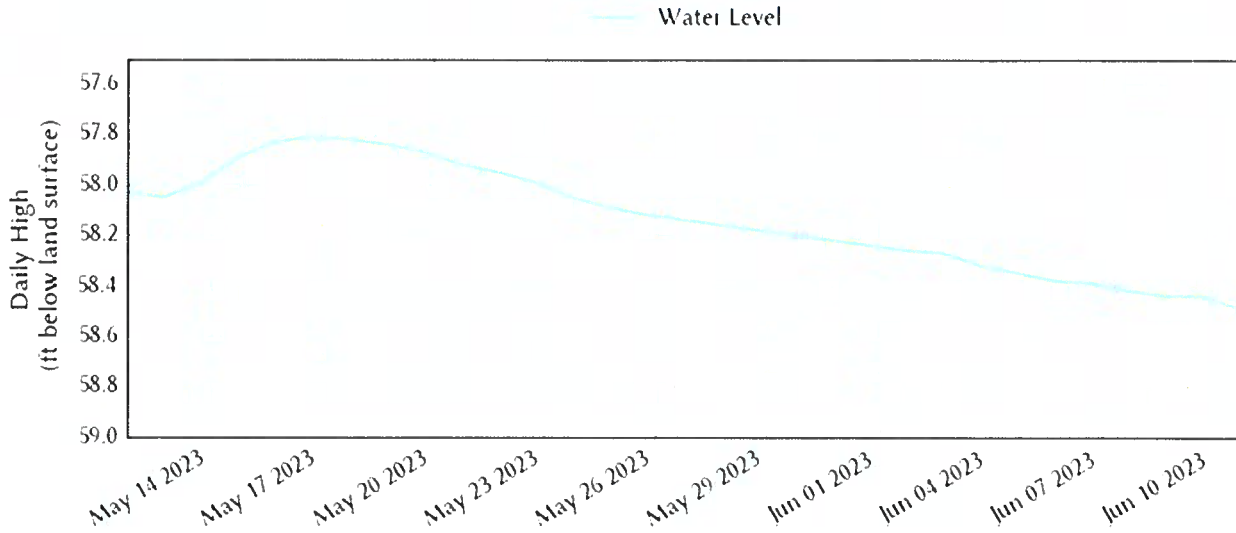


**June 2023**

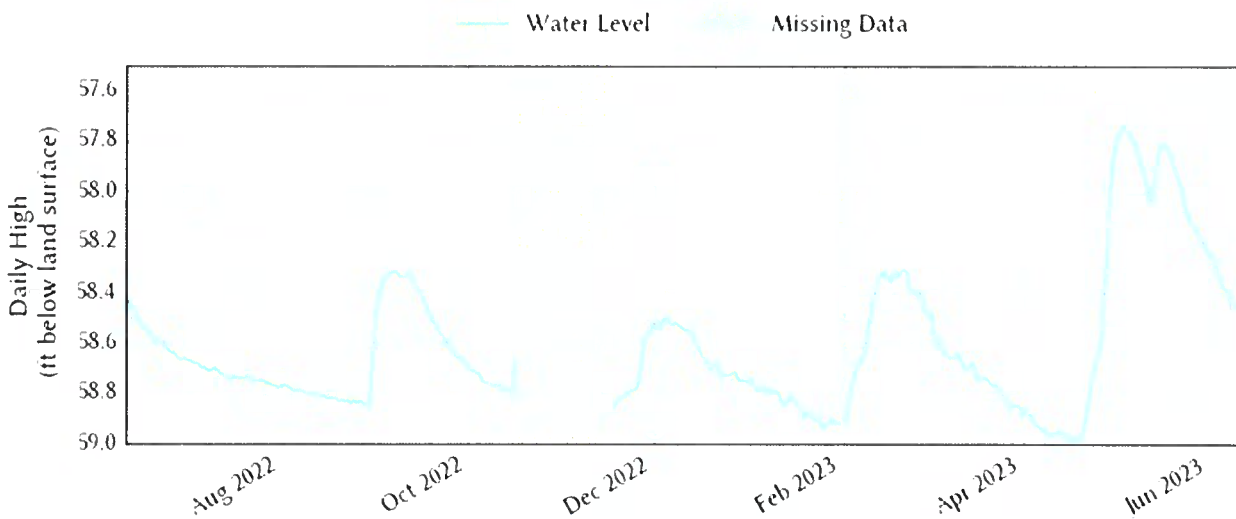
**Continuous Monitoring Well # 5803702  
(Gault Site - Williamson County)  
Edwards Aquifer**

**Last 30 Days**

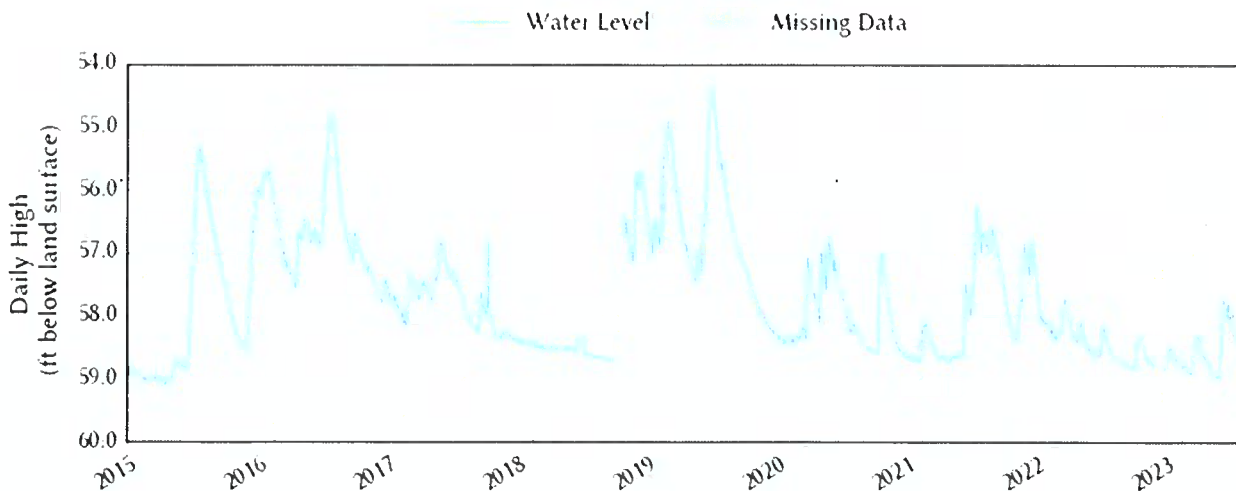
**Total Depth: 110 ft**



**1 Year**



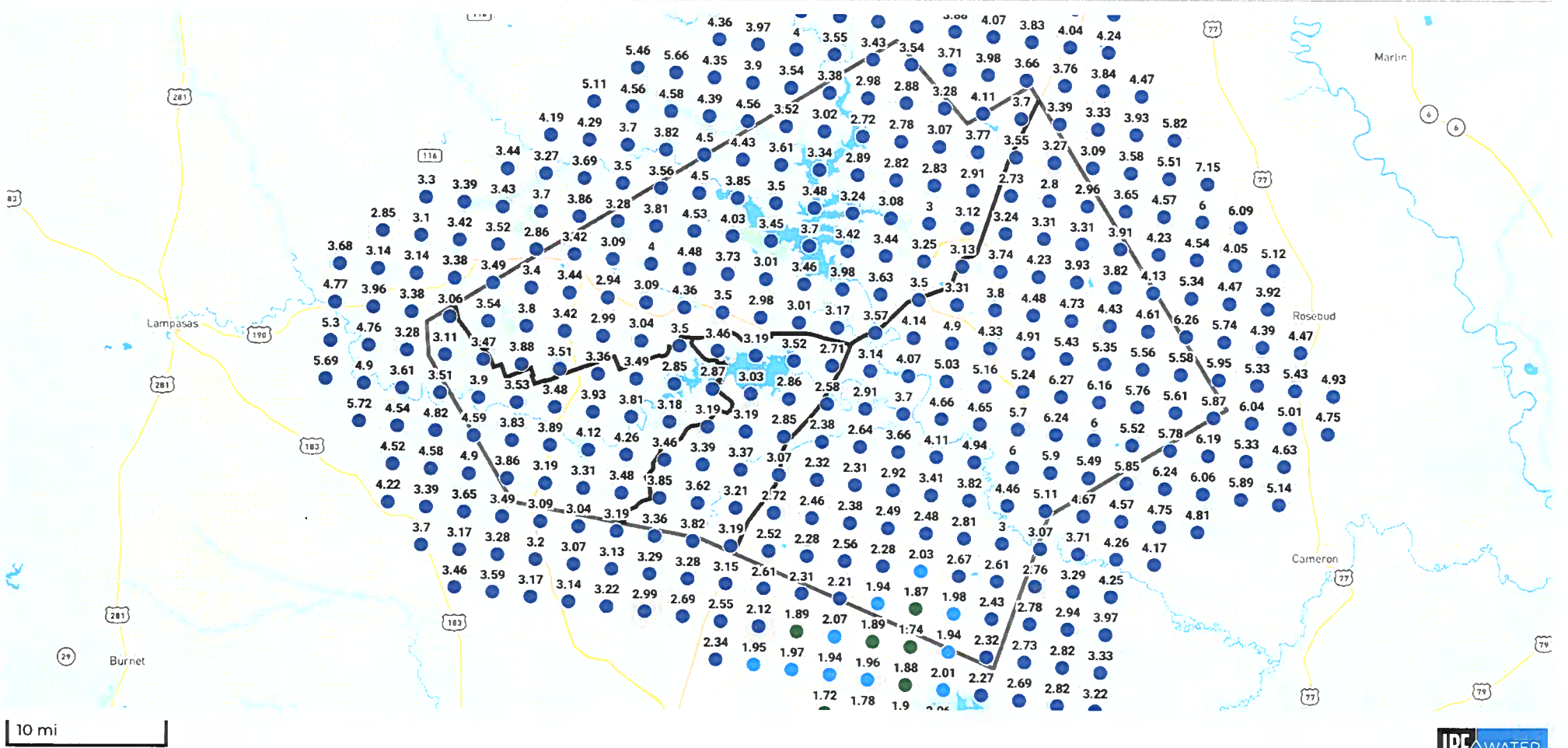
**Period Of Record**



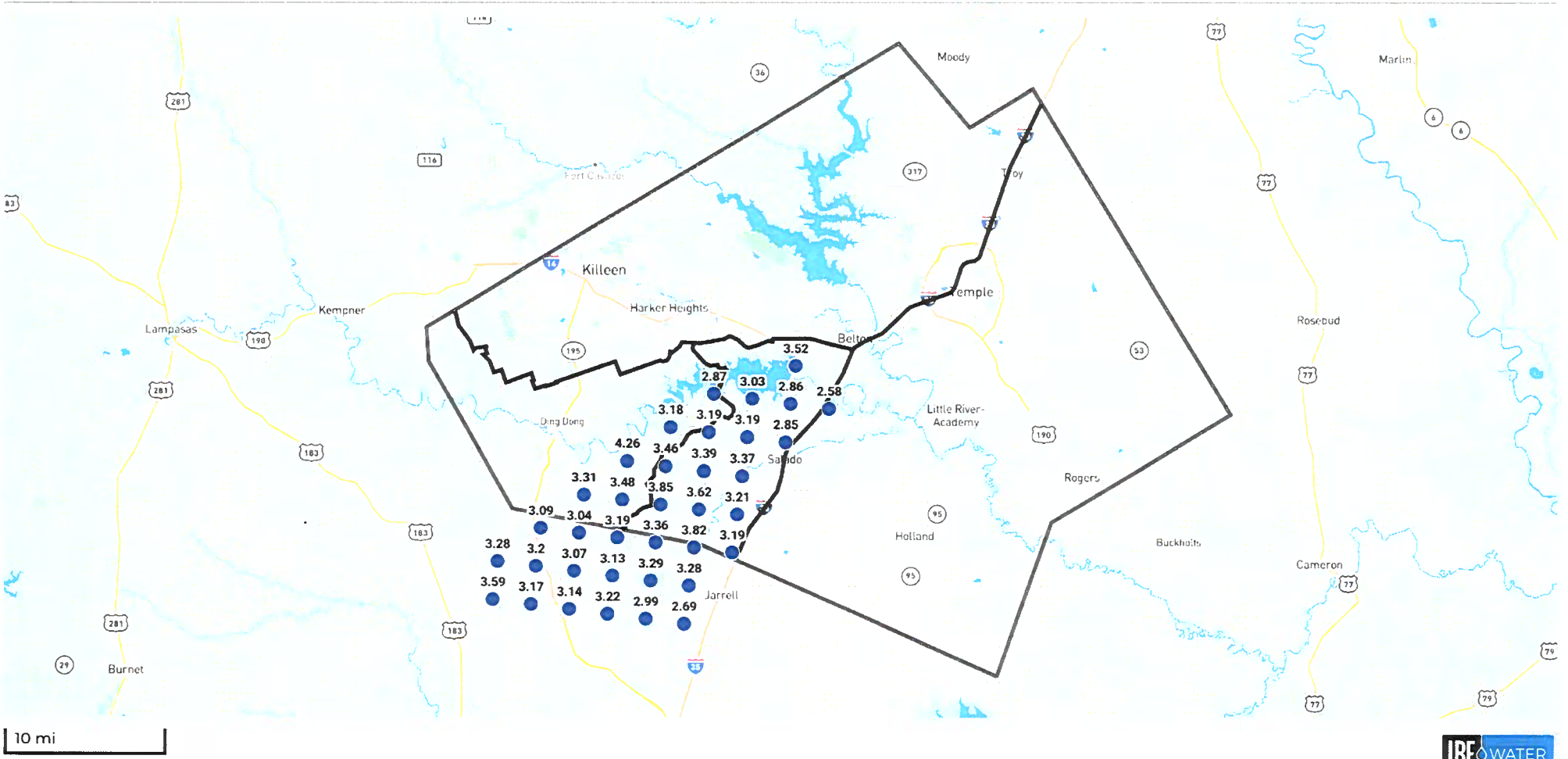


# CUWCD Map NOAA 30 Day Rainfall

Created: June 12th 2023, 1:01pm



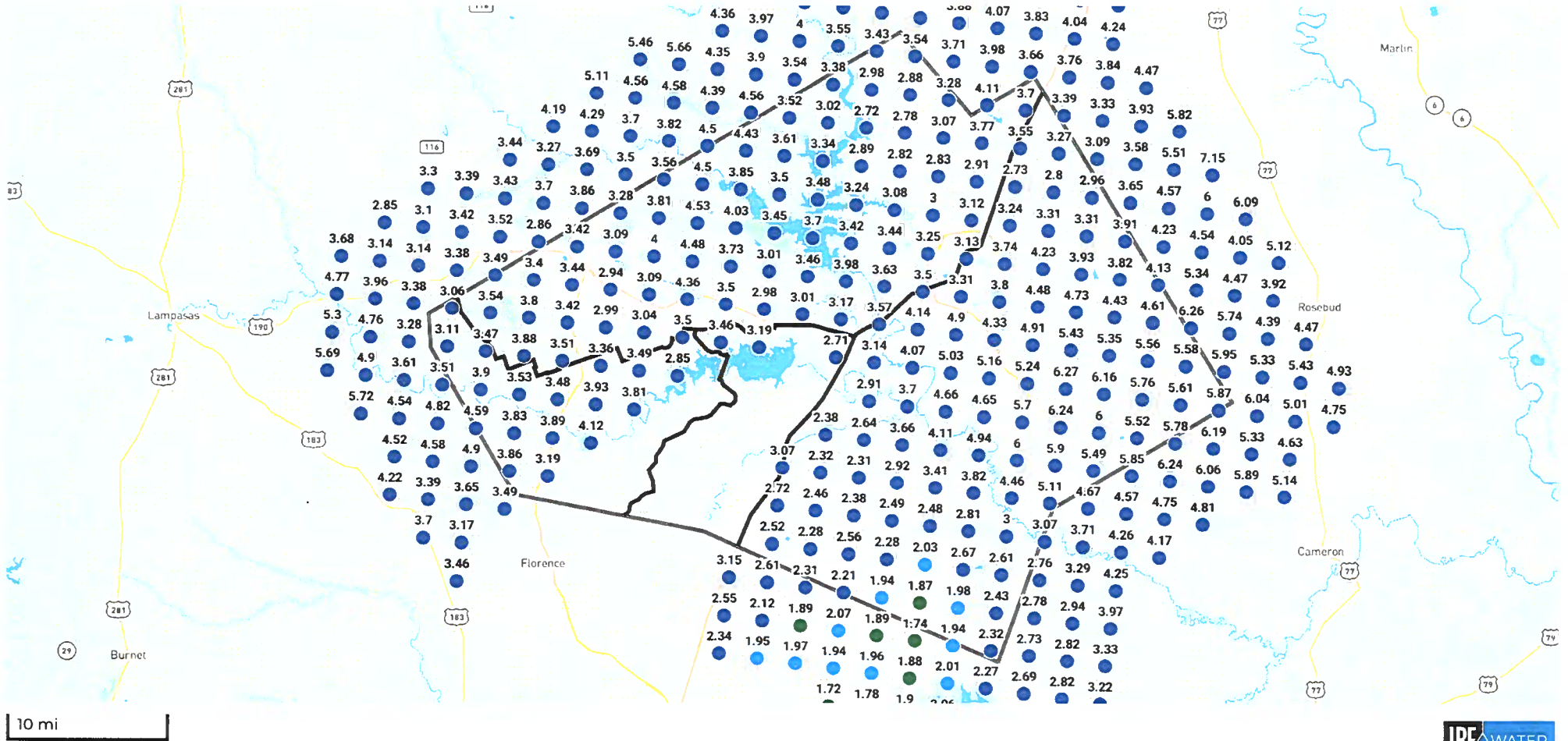
**CUWCD Map**  
**NOAA 30 Day Rainfall - Edwards BFZ**  
Created: June 12th 2023, 1:02pm



# CUWCD Map

## NOAA 30 Day Rainfall - Trinity

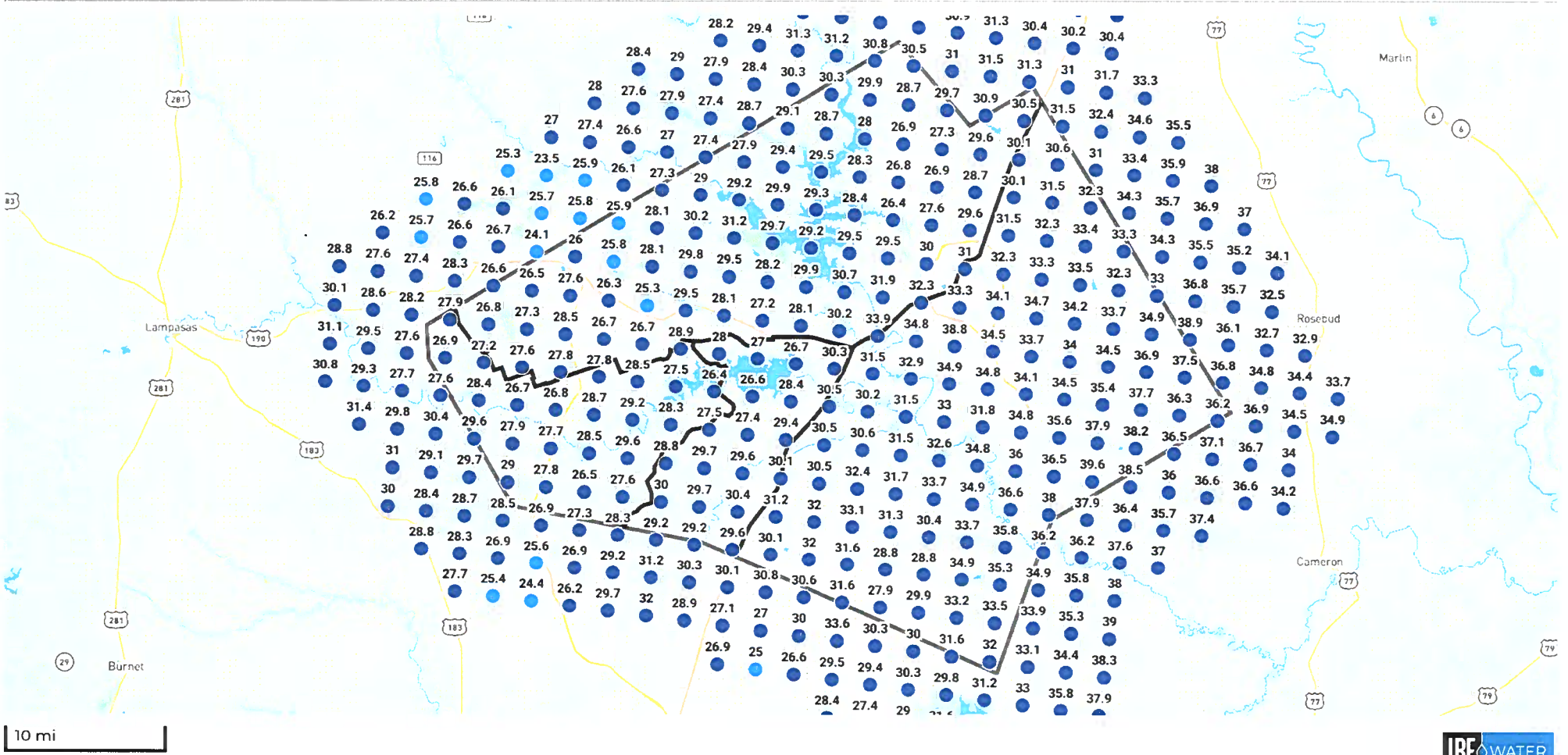
Created: June 12th 2023, 1:02pm



# CUWCD Map

## NOAA 365 Day Rainfall

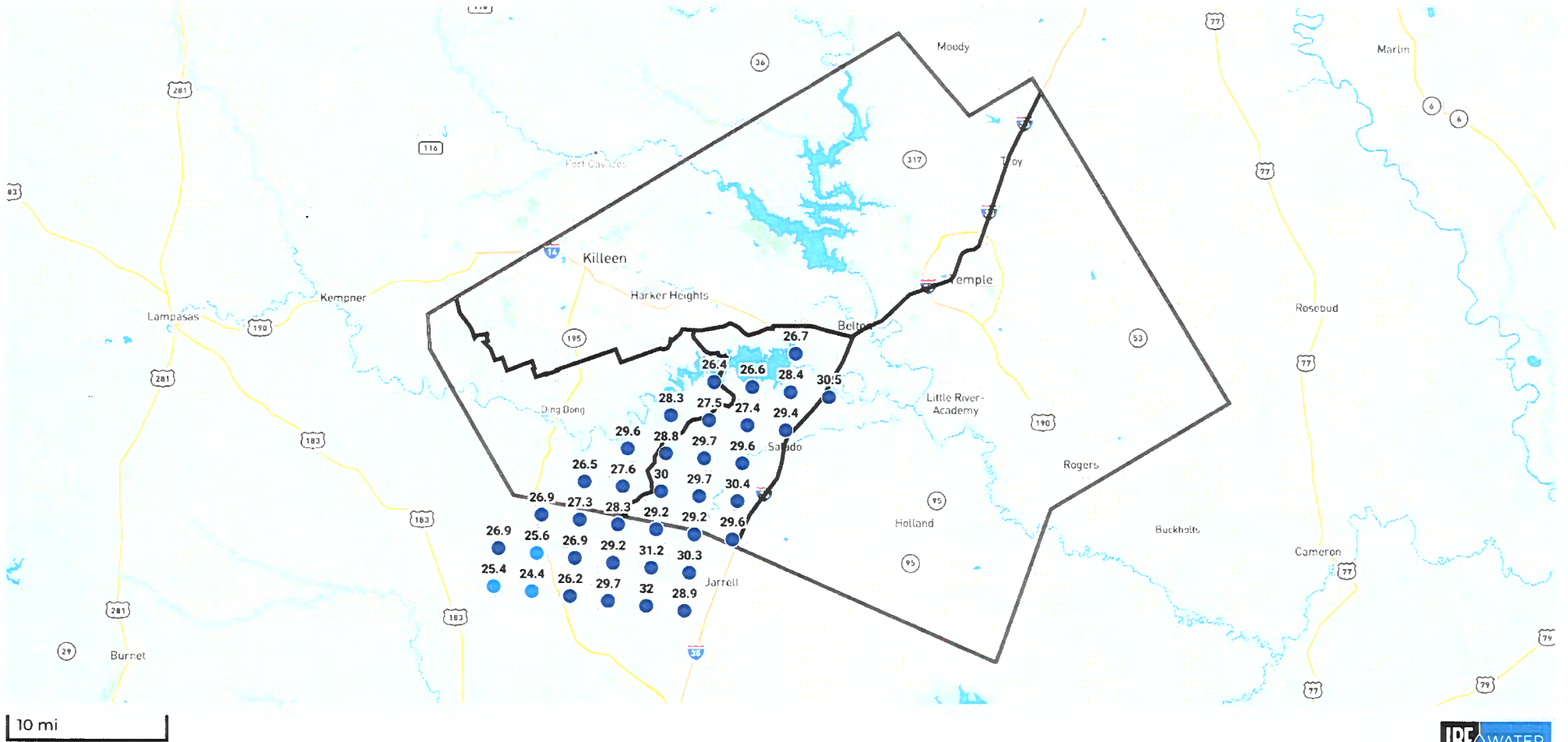
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# CUWCD Map

## NOAA 365 Day Rainfall - Edwards BFZ

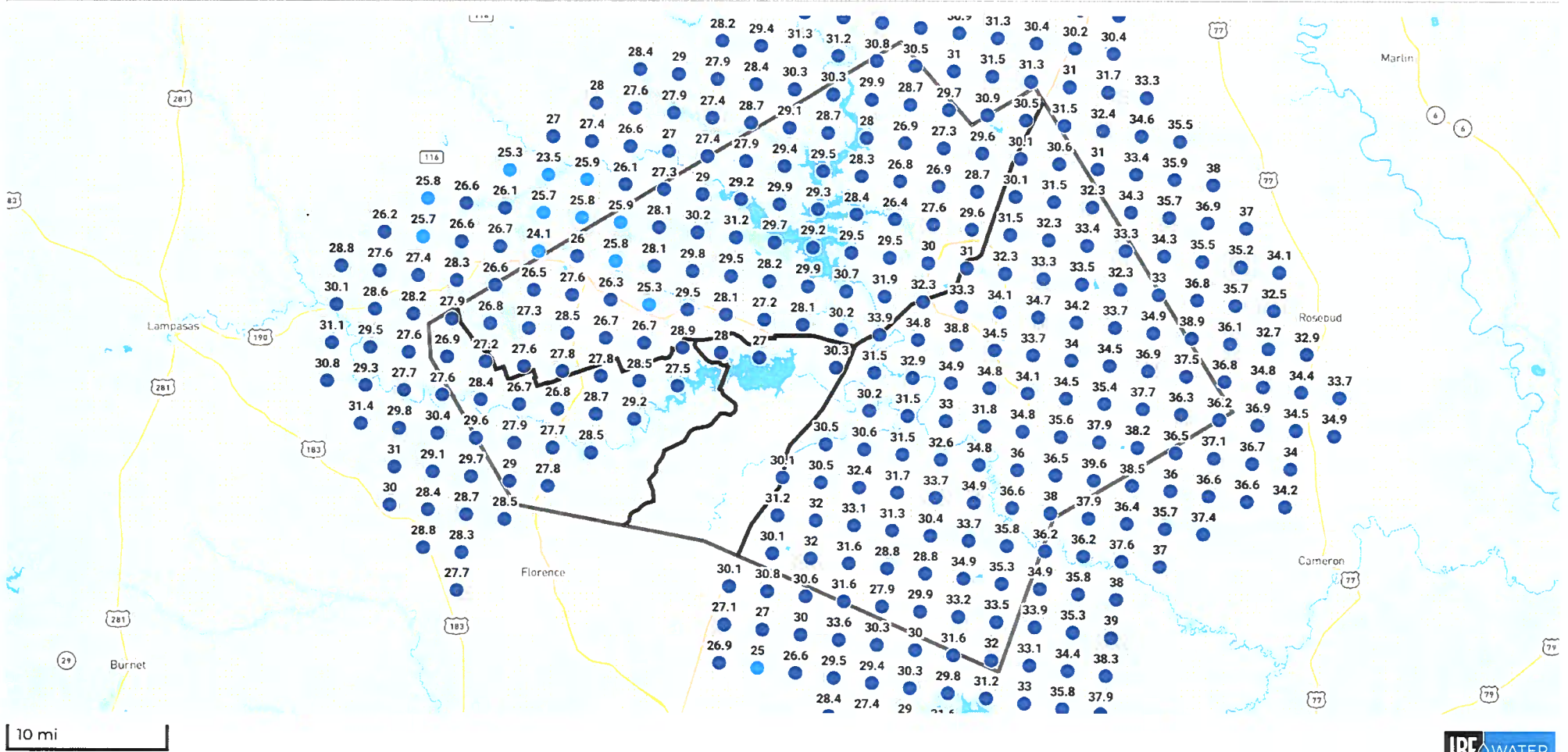
Created: June 12th 2023, 1:03pm



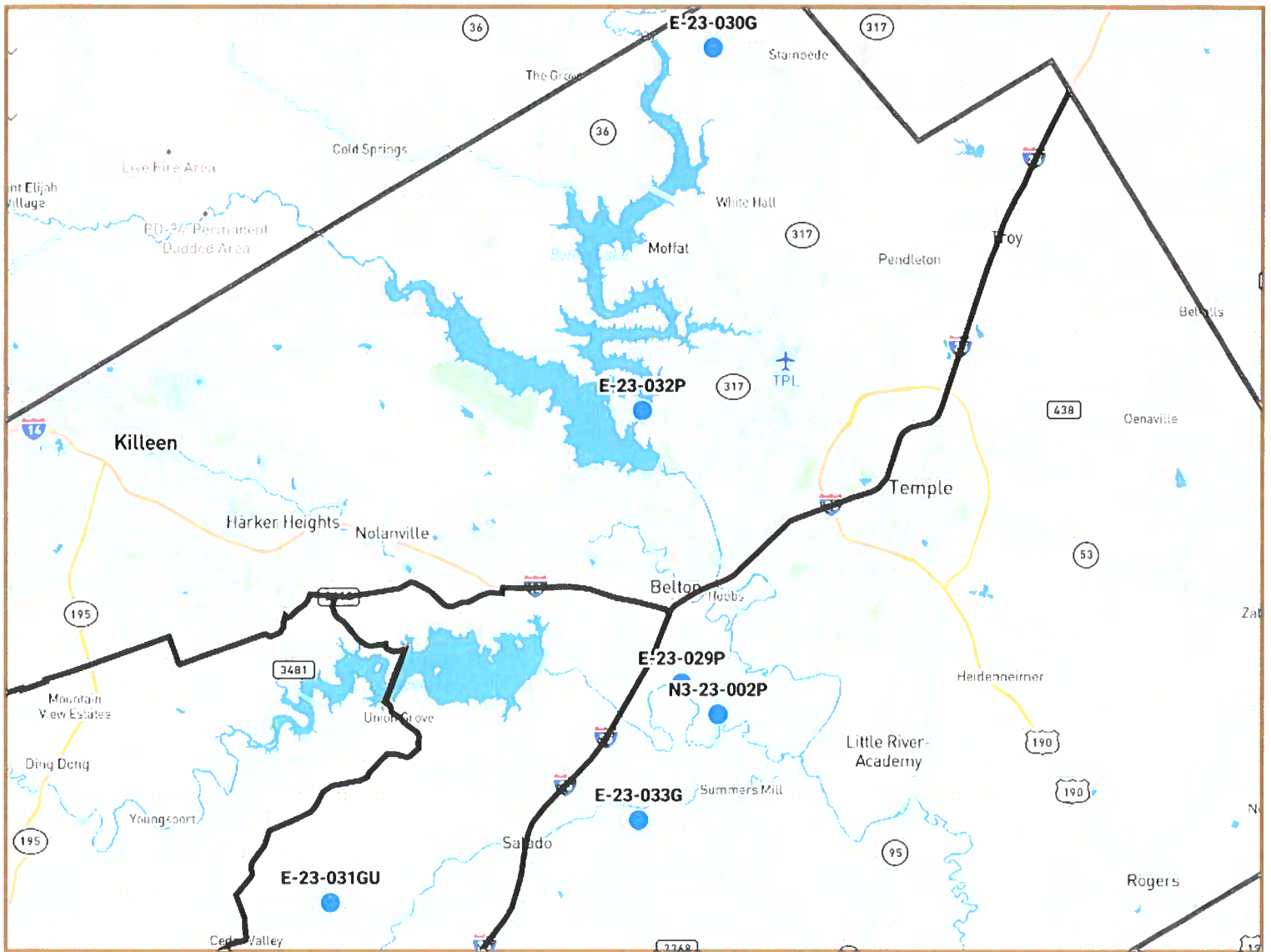
# CUWCD Map

## NOAA 365 Day Rainfall - Trinity

Created: June 12th 2023, 1:03pm



# Registered Wells - May 2023



<u>Well #</u>	<u>Owner</u>	<u>Address</u>	<u>City</u>	<u>Aquifer</u>	<u>Depth</u>	<u>Use</u>	<u>Status</u>
N3-03-002P	Kelly Snook	4817 FM1123	Belton	Alluvium	100'	Domestic	Proposed
E-23-029P	Derek Mooney	4126 Elm Grove Rd	Belton	Edwds BFZ	102'	Domestic	Proposed
E-23-030G	Debbie Hohle	15000 Buckhorn	Moody	Alluvium	20'	Domestic	Inactive
E-23-031GU	Mor-Maur	11701 Bee Cave	Austin	Edwds BFZ	120'	Domestic	Active
E-23-032P	Phillip Wilson	596 Bench Mark Trl	Belton	Edwds Equ	300'	Ag/Irr	Proposed
E-23-033G	Liz Cooley	1621 Sulfur Wells	Salado	Edwds BFZ	300'	Domestic	Active

## Well Registration Totals - May 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	4	6	0	0	0	0	0	0	10
May	3	2	0	0	0	1	0	0	6
June									0
July									0
Aug									0
Sep									0
Oct									0
Nov									0
Dec									0
<b>Total 2022</b>	<b>13</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>35</b>
<b>Grand Totals</b>	<b>4482</b>	<b>1242</b>	<b>107</b>	<b>37</b>	<b>67</b>	<b>3</b>	<b>24</b>	<b>121</b>	<b>6083</b>

## Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells				Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Class 3	Water	Envr	
<b>2002-Present</b>	<b>4482</b>	<b>1242</b>	<b>107</b>	<b>37</b>	<b>67</b>	<b>3</b>	<b>24</b>	<b>121</b>	<b>6083</b>
**Never Drilled	N/A	-41	N/A	-5	-10	0	-1	0	-57
**Plugged	-282	-51	-18	-2	-1	0	-2	-60	-416
<b>**Totals</b>	<b>4200</b>	<b>1150</b>	<b>89</b>	<b>30</b>	<b>56</b>	<b>3</b>	<b>21</b>	<b>61</b>	<b>5610</b>

(\*\*updated May 2023)