



## *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  
David Cole*

### Clearwater Staff Reports

June 8, 2022

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

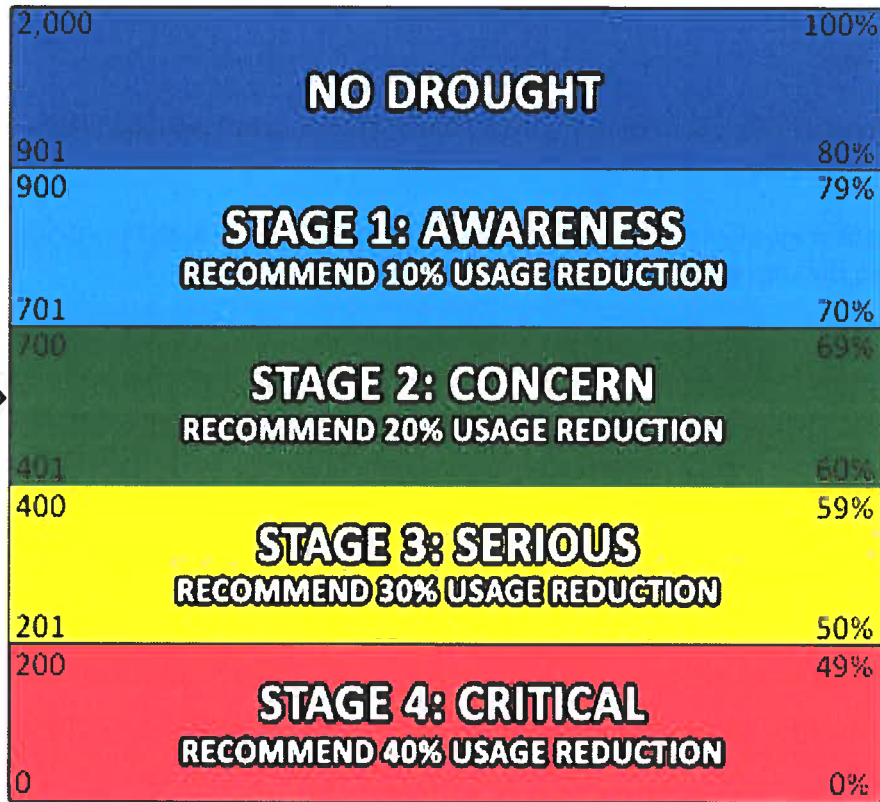
# Edwards BFZ Aquifer—Drought Status Report

## STAGE 2: CONCERN

Salado Creek  
Spring Discharge

624.79 ac-ft  
(month)  
10.5 cfs

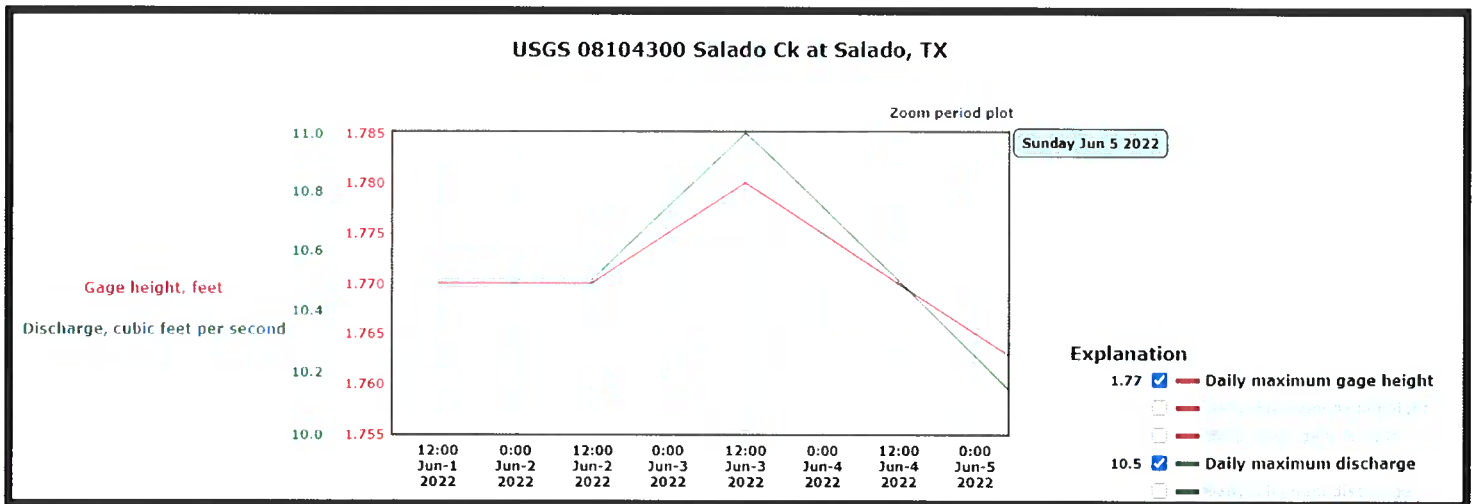
AS OF 6/05/2022



27.284 PDI  
82.68 %

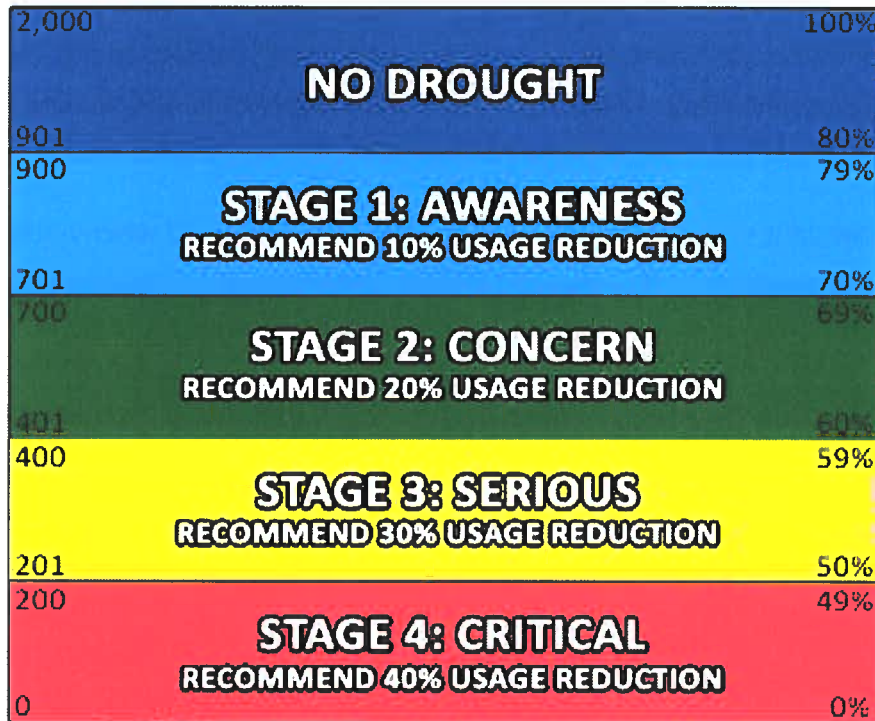
Precipitation Deficit  
Index (PDI)

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



# Trinity Aquifer—Drought Status Report

## NO DROUGHT

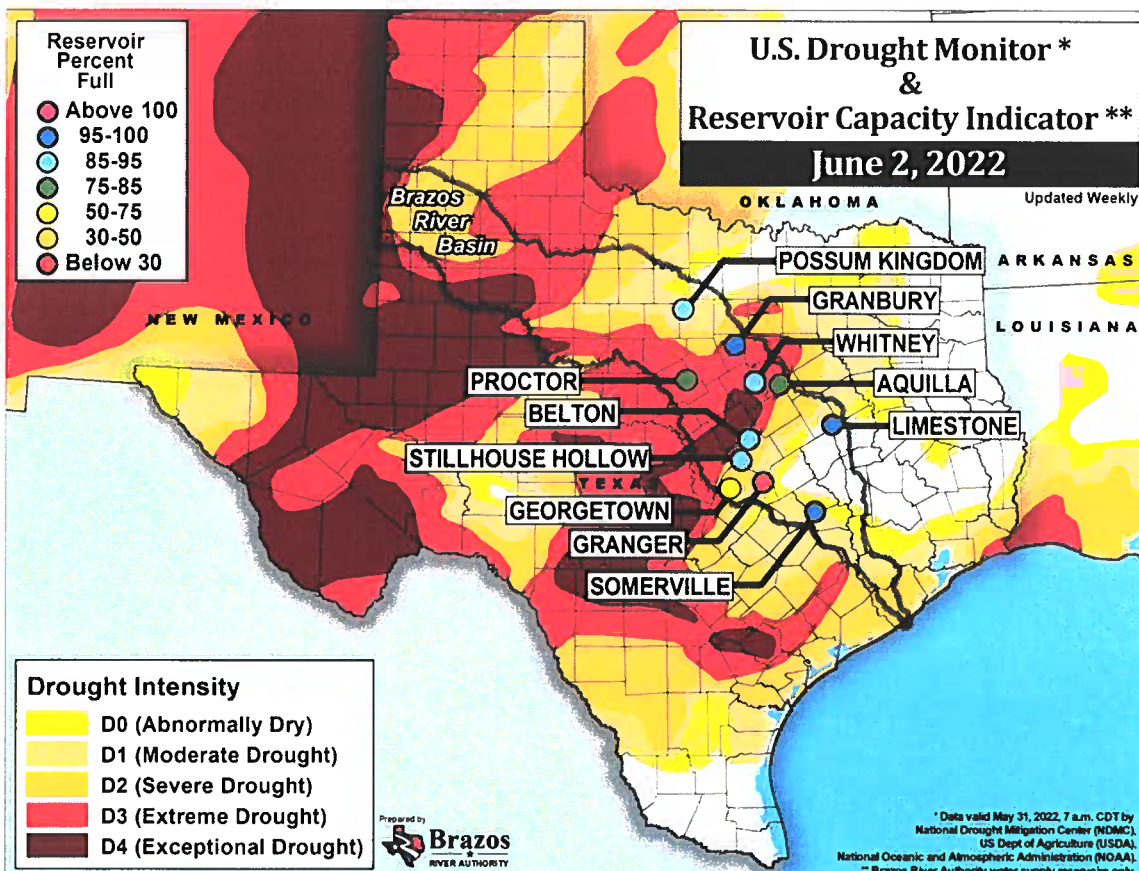


← 27.284 PDI  
82.68 %

Precipitation Deficit Index (PDI)

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

AS OF 6/5/2022





## Education Outreach Highlights 6/8/22

**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).

- May 13 – Staff presented to home school kids through rotations in the education trailer. 20 people in attendance.
- July 6 – Staff will be presenting to students at the Texas A&M University – Central Texas STEM Camp through rotations in the education trailer.
- October 1-2 – Staff will host the education trailer at the Salado Sirena Fest.

**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.
- HALFF shut down our platform with them on January 3<sup>rd</sup>.
- 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.

**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).**

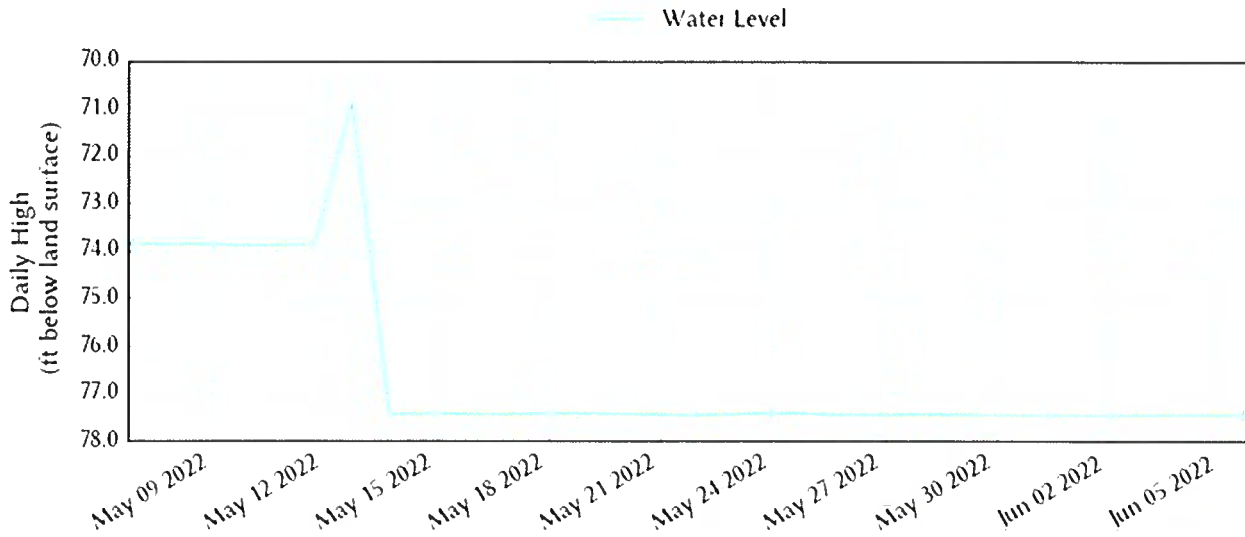
- Final version of the 2021 Annual Report was presented at the April 13<sup>th</sup> Board Meeting.

June 2022

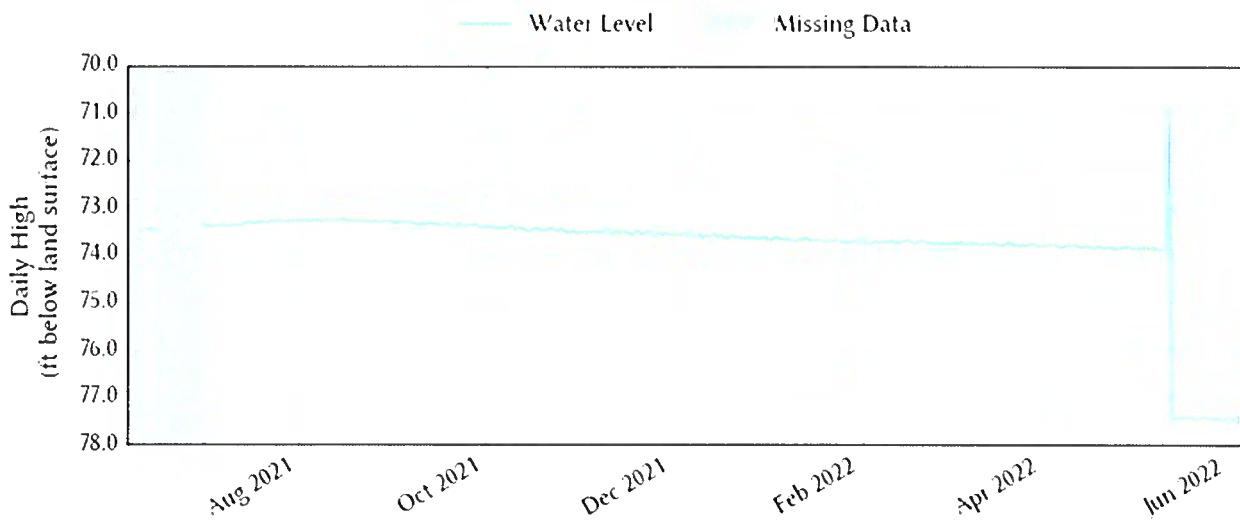
**Continuous Monitoring Well # 5804702  
(FM 2843 - Patterson's Crossing - Salado Creek)  
Edwards Aquifer**

Total Depth: 95 ft

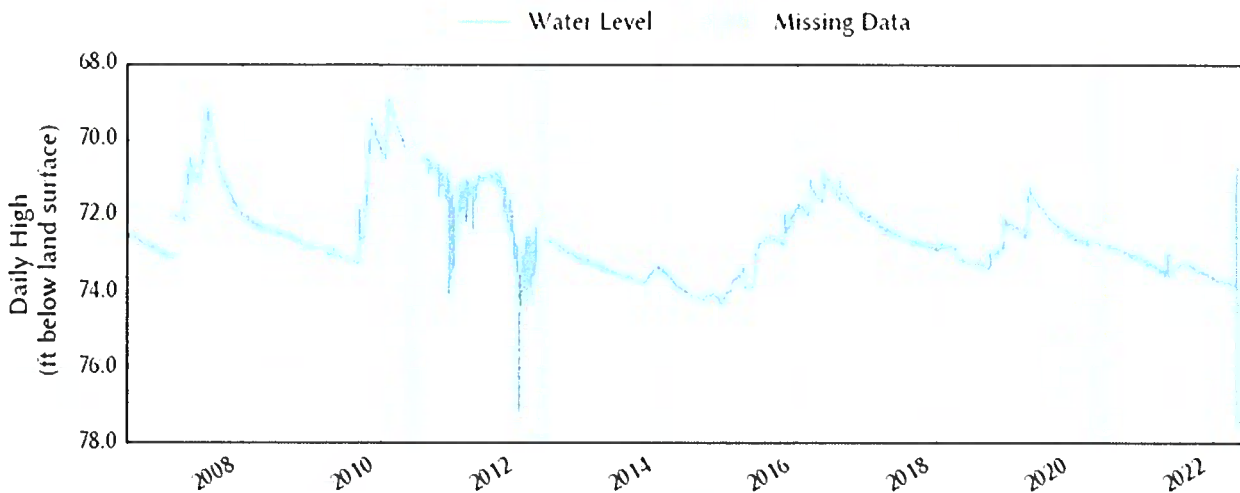
Last 30 Days



1 Year



Period Of Record



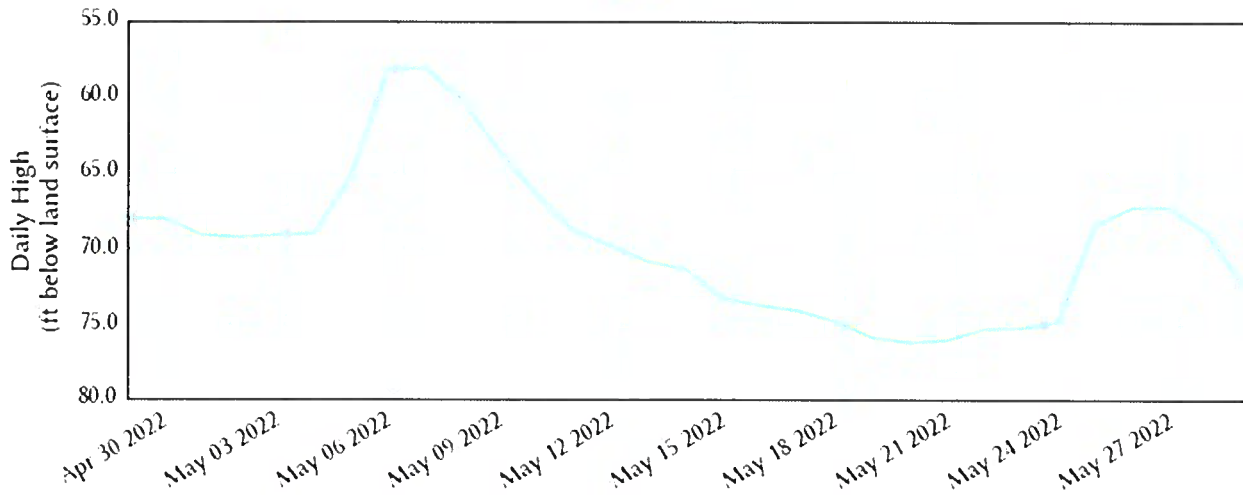
June 2022

Continuous Monitoring Well # 5804628  
(Salado Cemetery)  
Edwards Aquifer

Total Depth: 129 ft

Last 30 Days

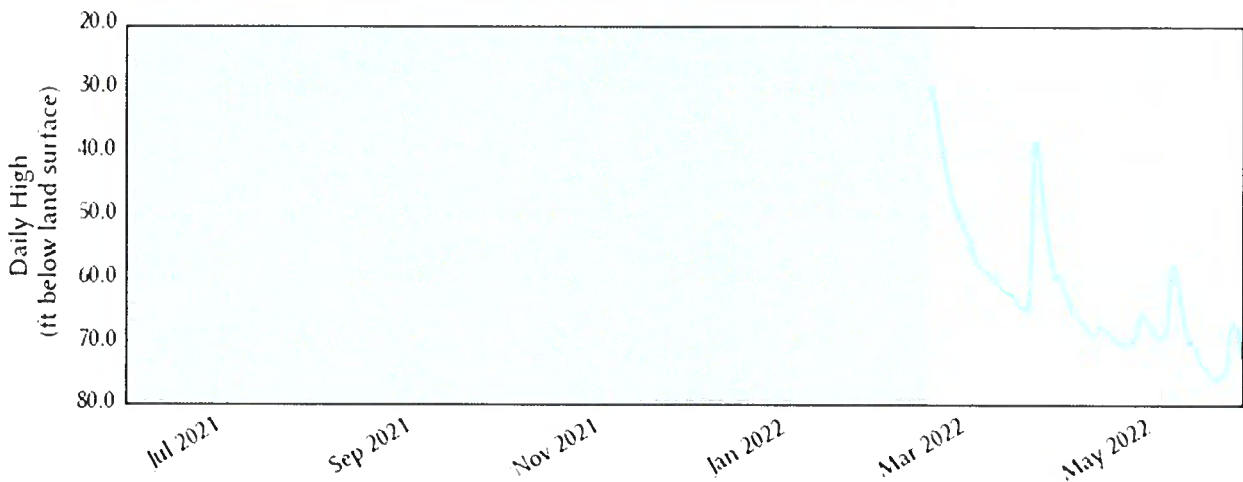
Water Level



1 Year

Water Level

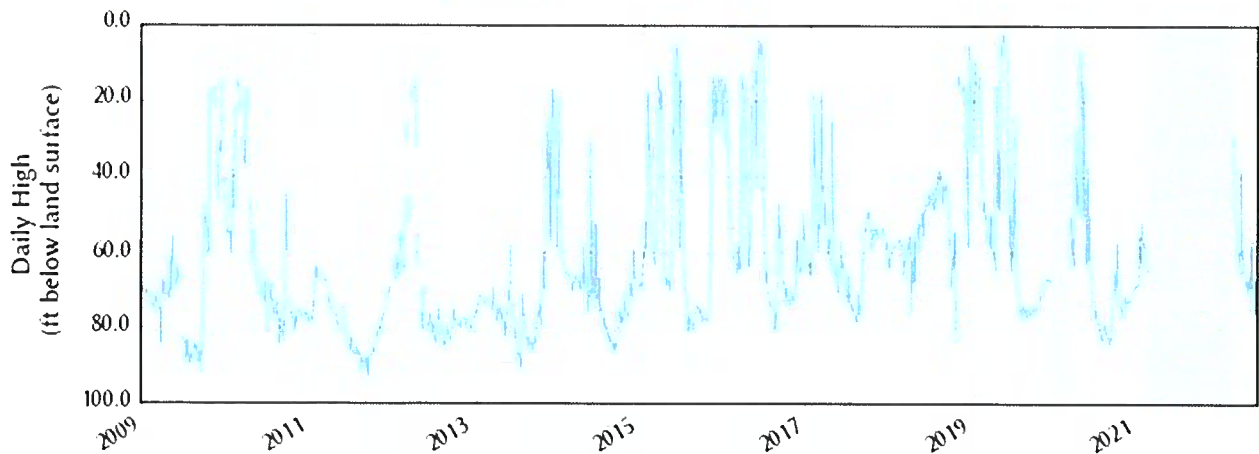
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Period Of Record

Water Level

Missing Data

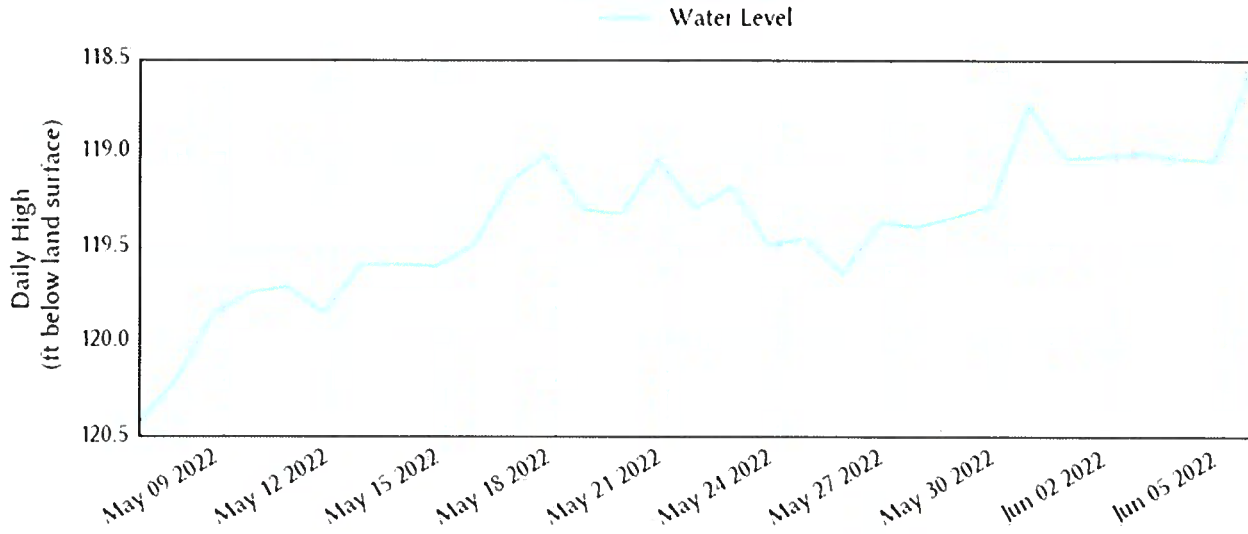


**June 2022**

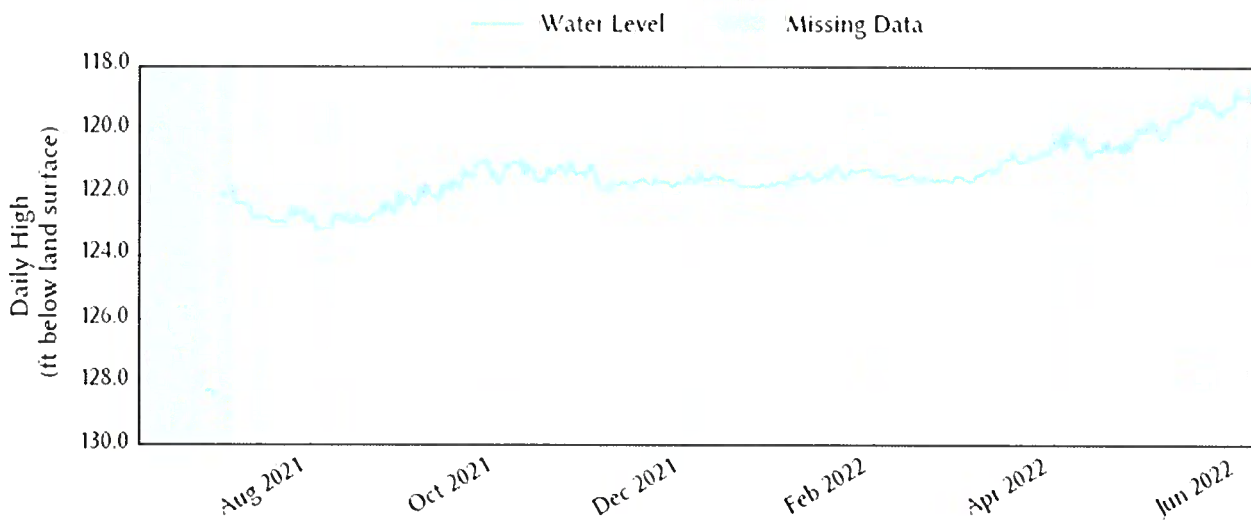
**Continuous Monitoring Well # 5804816  
(IH-35 Rest Stop - West)  
Edwards Aquifer**

Total Depth: 170 ft.

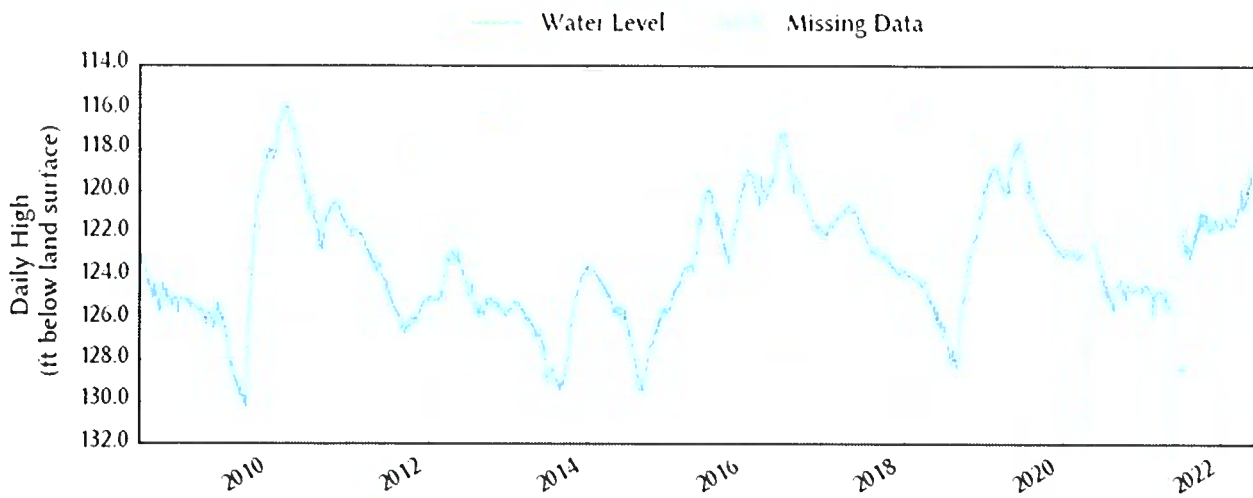
**Last 30 Days**



**1 Year**



**Period Of Record**

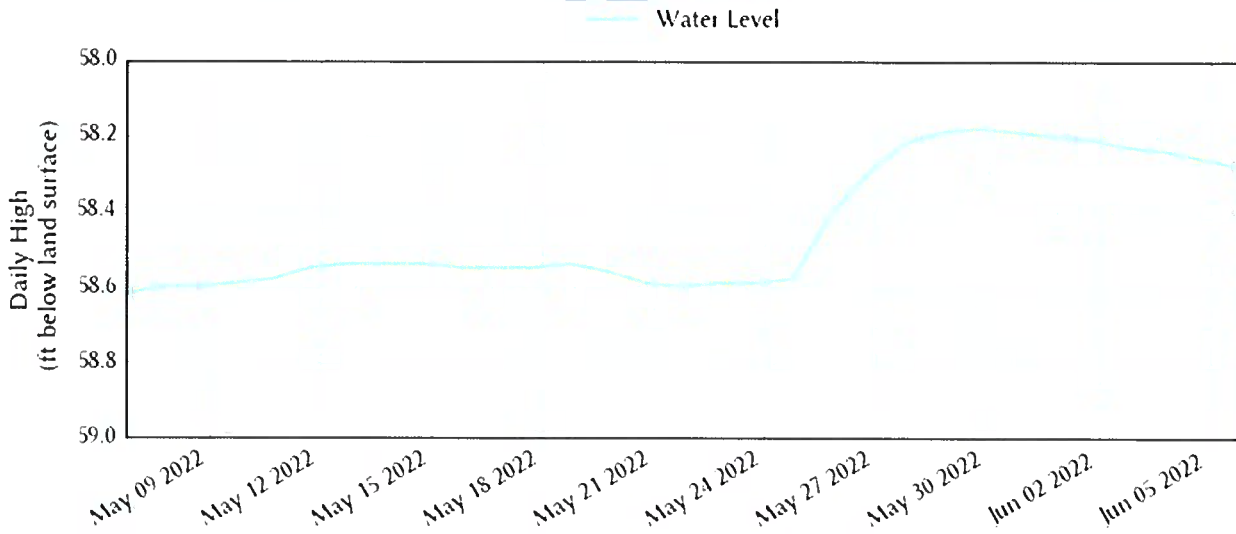


June 2022

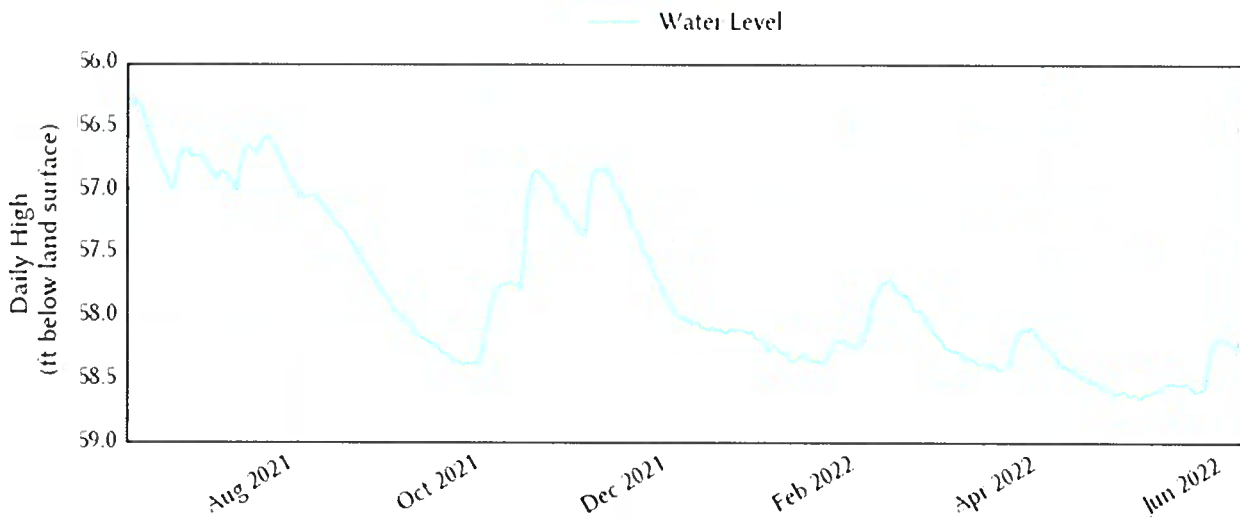
**Continuous Monitoring Well # 5803702  
(Gault Site - Williamson County)  
Edwards Aquifer**

Total Depth: 110 ft.

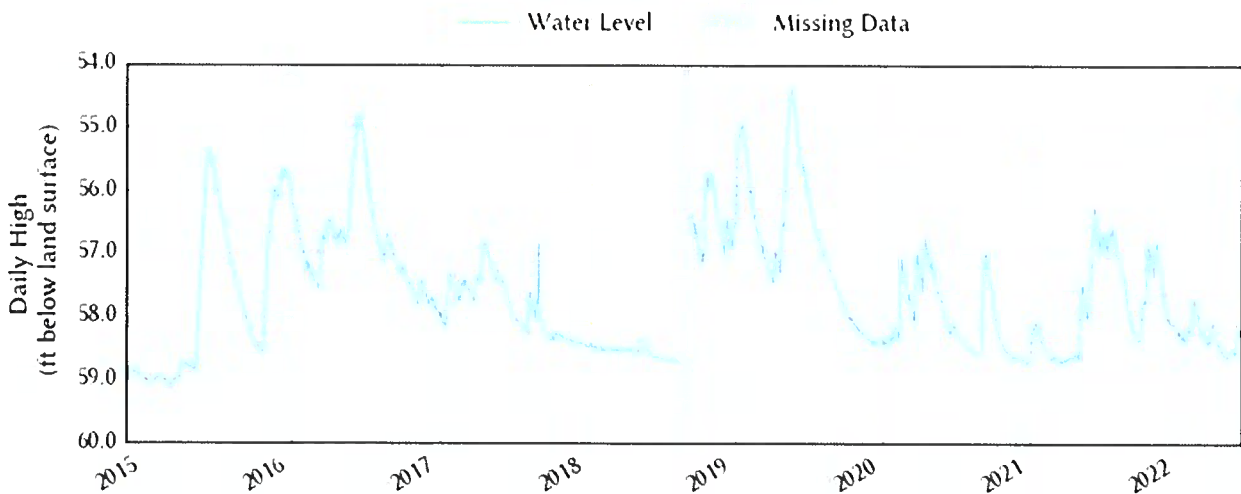
Last 30 Days



1 Year



Period Of Record



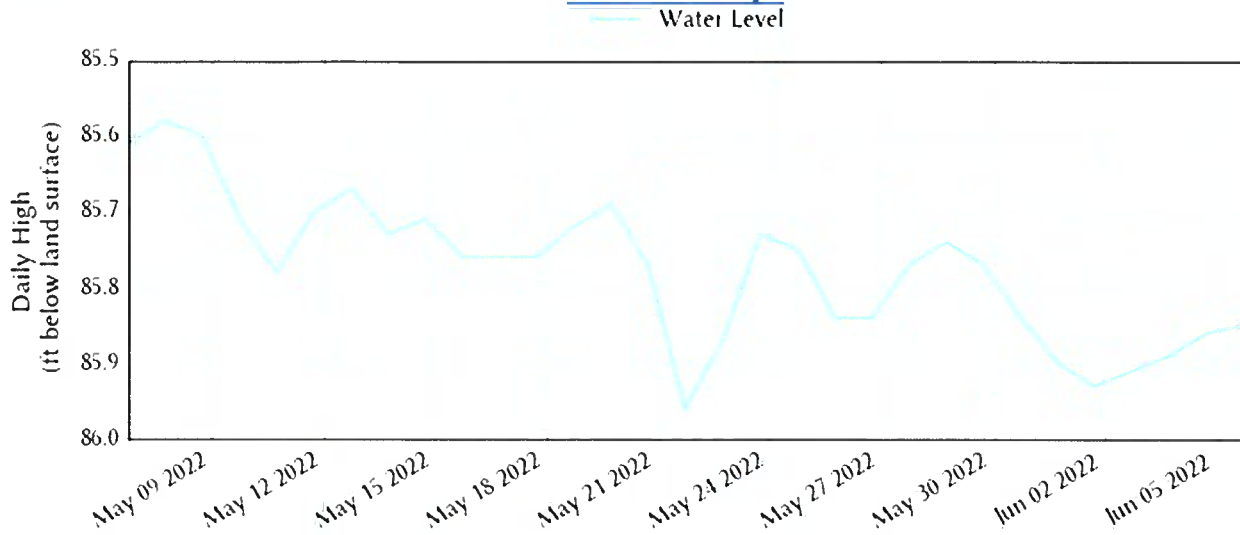


June 2022

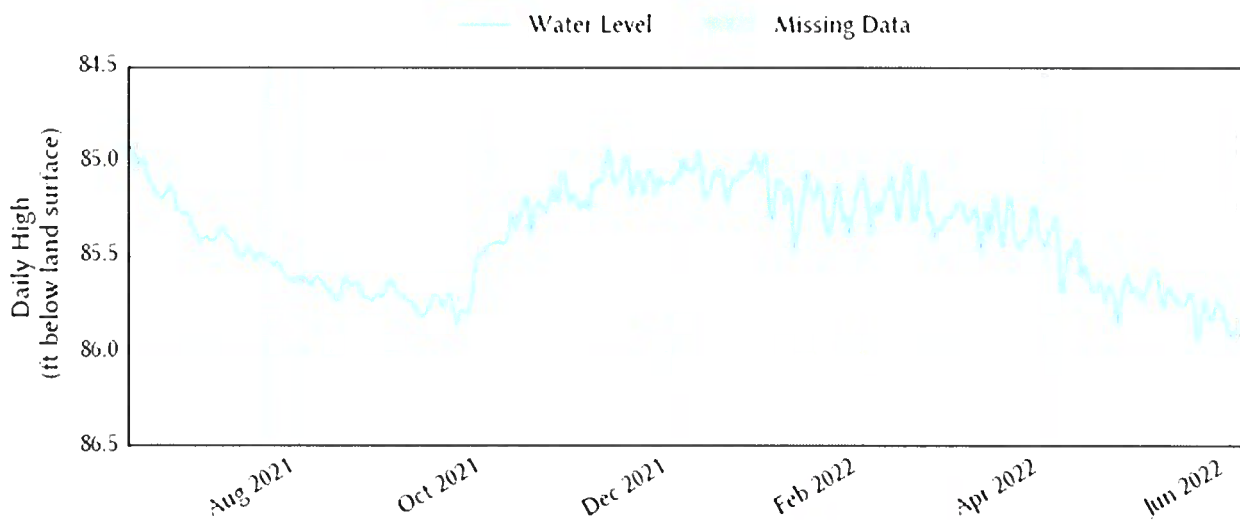
**Continuous Monitoring Well # 4058201**  
**(Central Texas College - Ranch Rd)**  
**Upper Trinity Aquifer**

Total Depth: 435 ft.

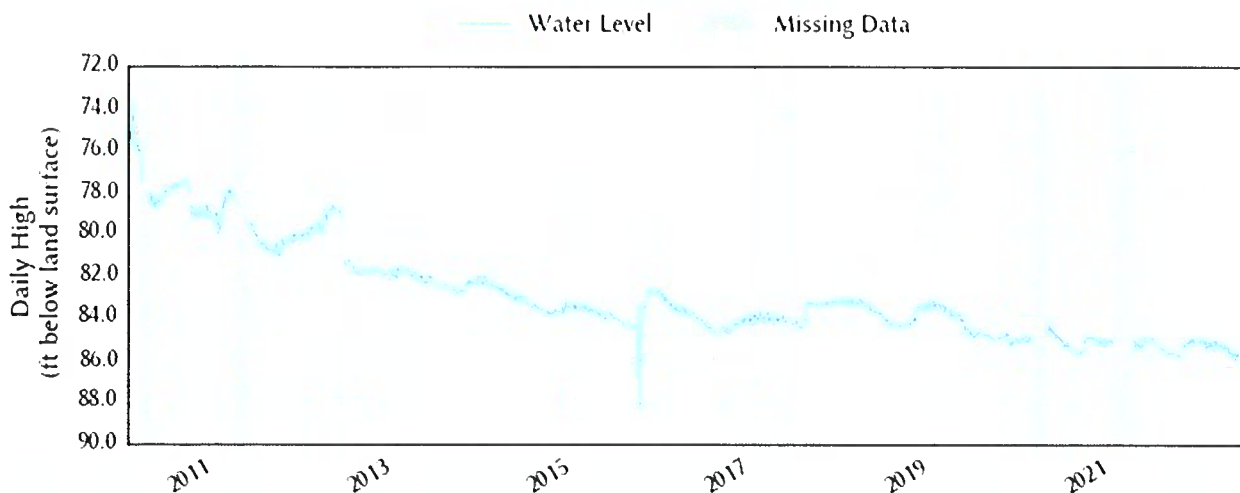
Last 30 Days



1 Year



Period Of Record

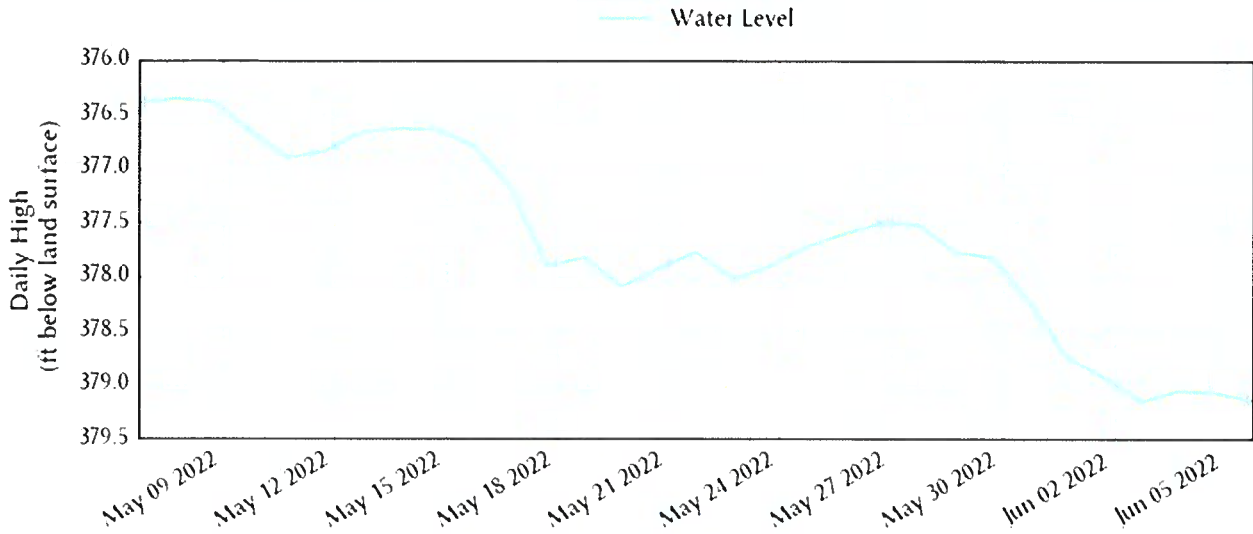


**June 2022**

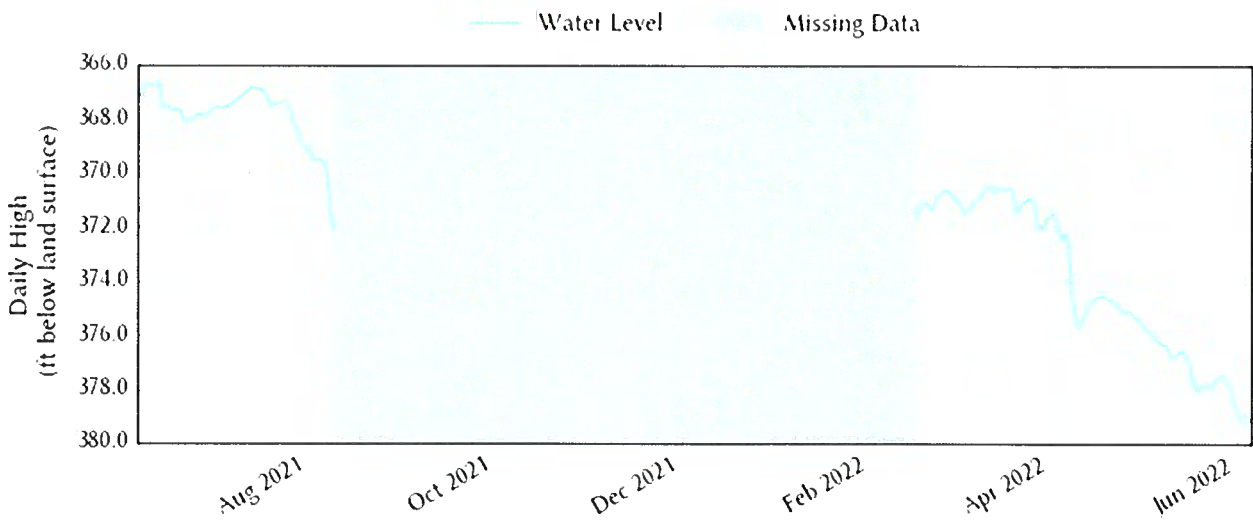
**Continuous Monitoring Well # 5802304  
(Killeen - River Ridge Ranch Park Well #1)  
Middle Trinity Aquifer**

Total Depth: 467 ft.

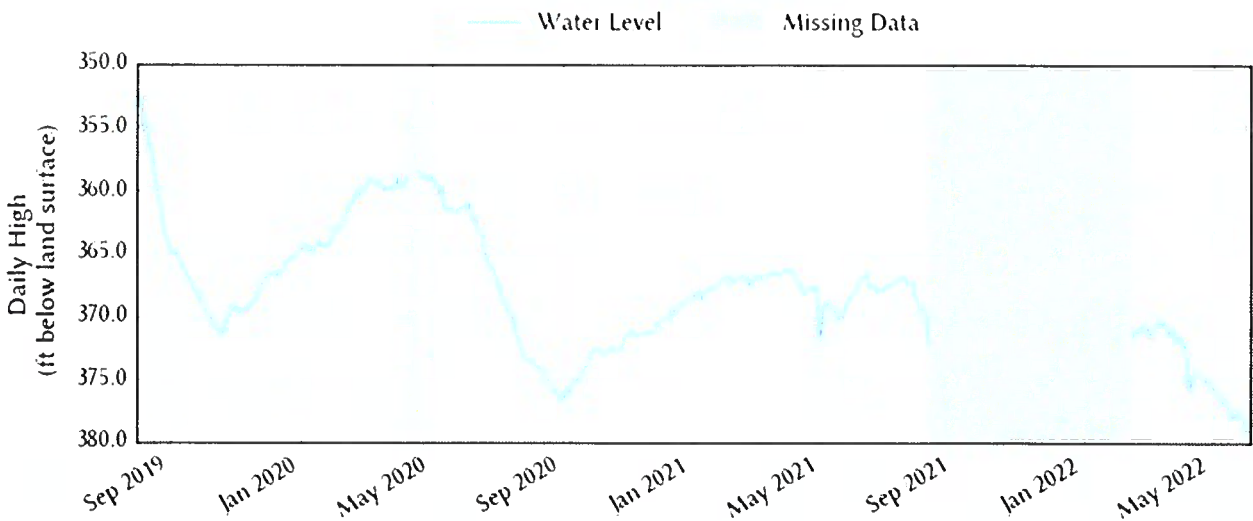
**Last 30 Days**



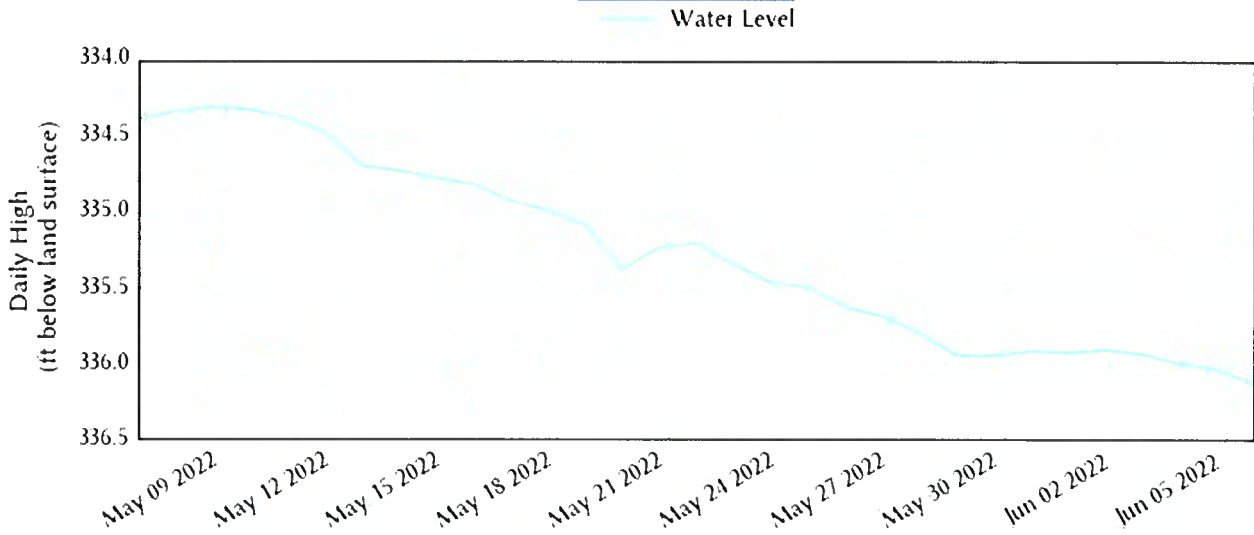
**1 Year**



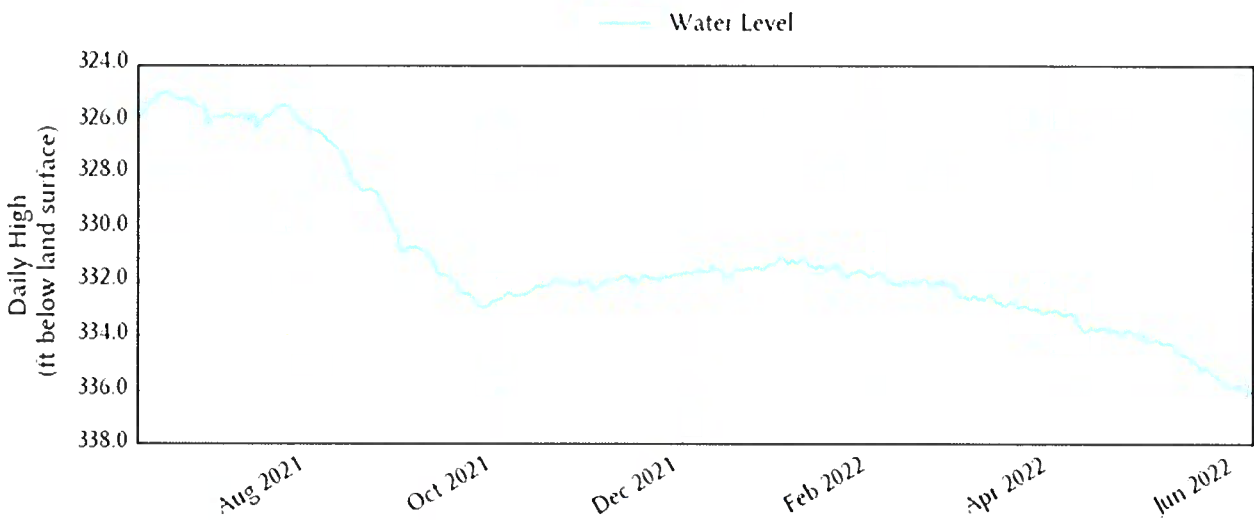
**Period Of Record**



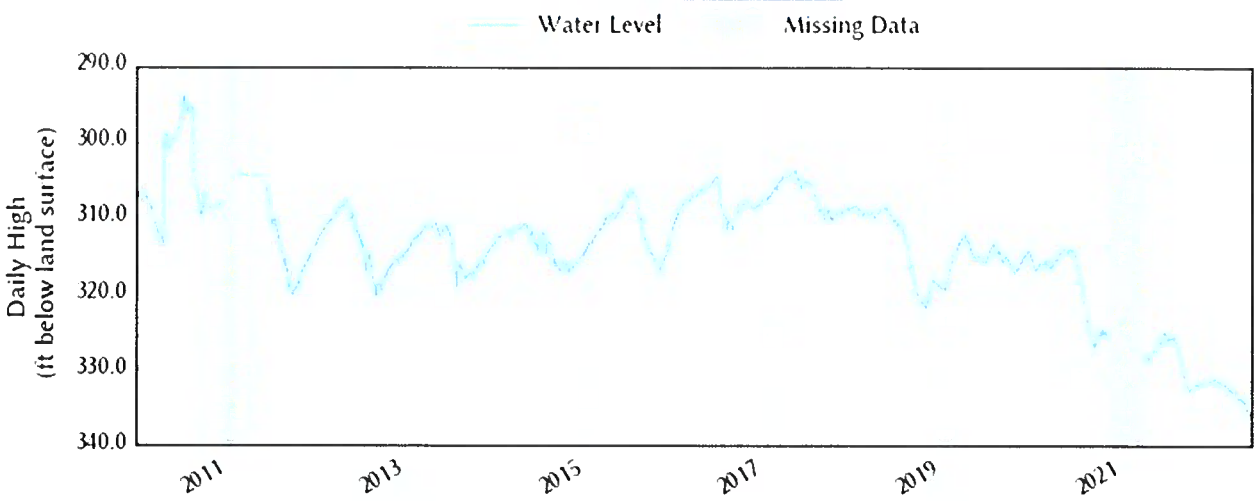
Last 30 Days



1 Year



Period Of Record



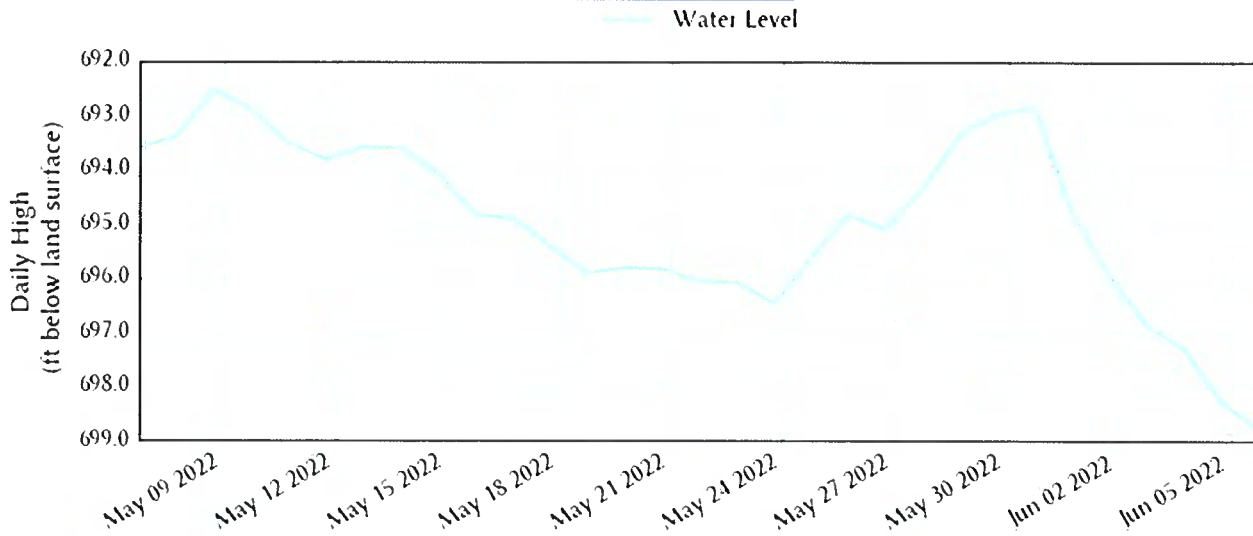
**June 2022**

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

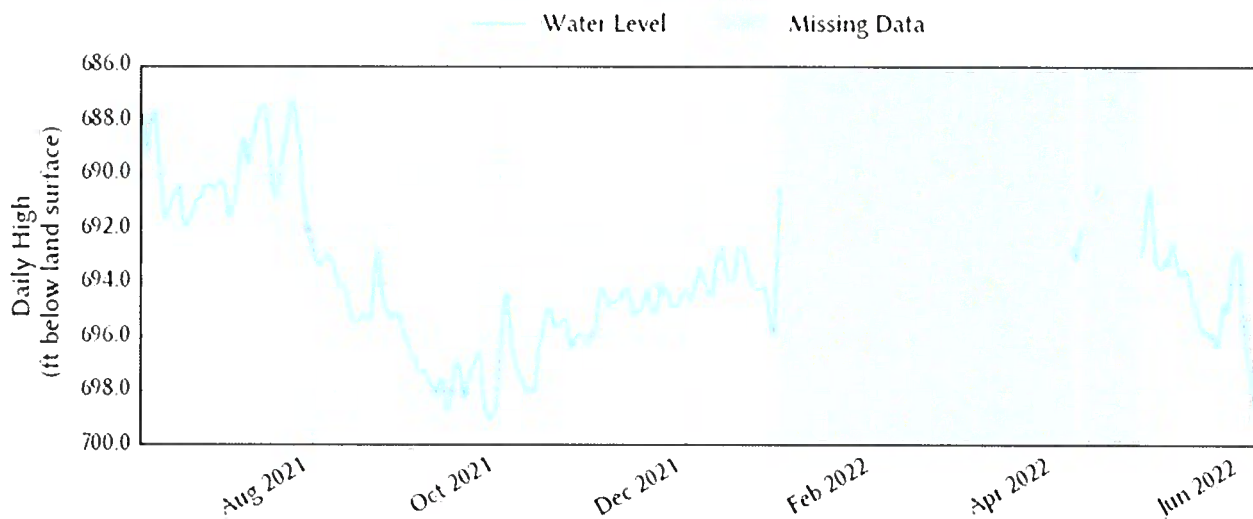
**Middle Trinity Aquifer**

**Total Depth: 880 Ft.**

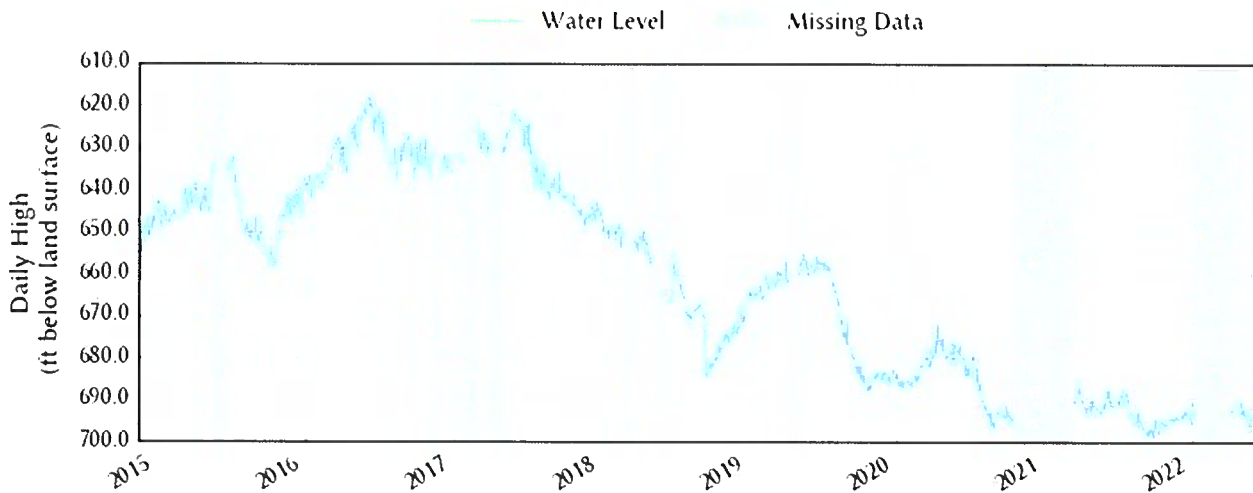
**Last 30 Days**



**1 Year**



**Period Of Record**



June 2022

Continuous Monitoring Well # 4057602

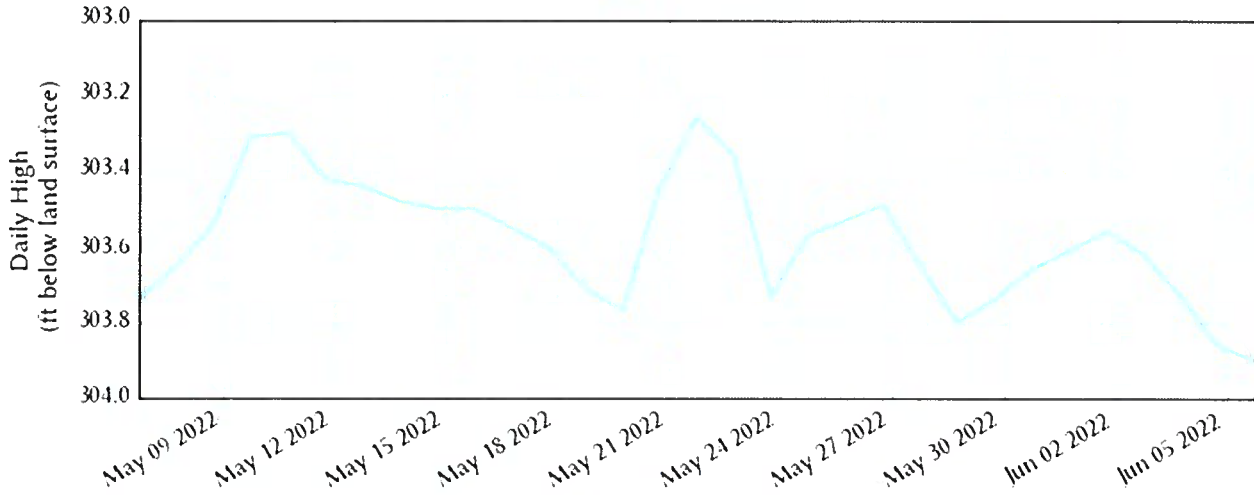
(Copperas Cove)

Lower Trinity Aquifer

Total Depth: 629 ft

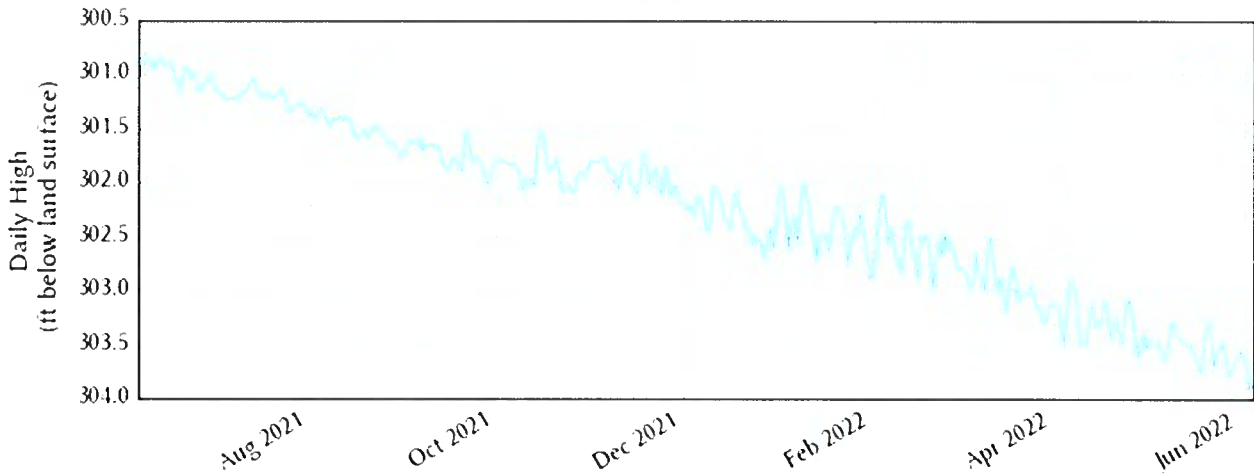
Last 30 Days

Water Level



1 Year

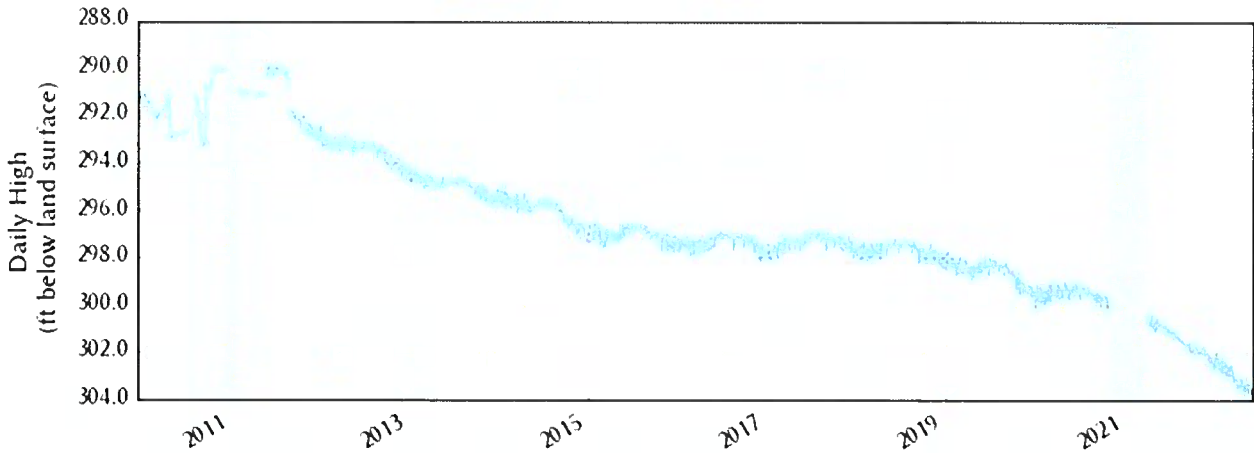
Water Level



Period Of Record

Water Level

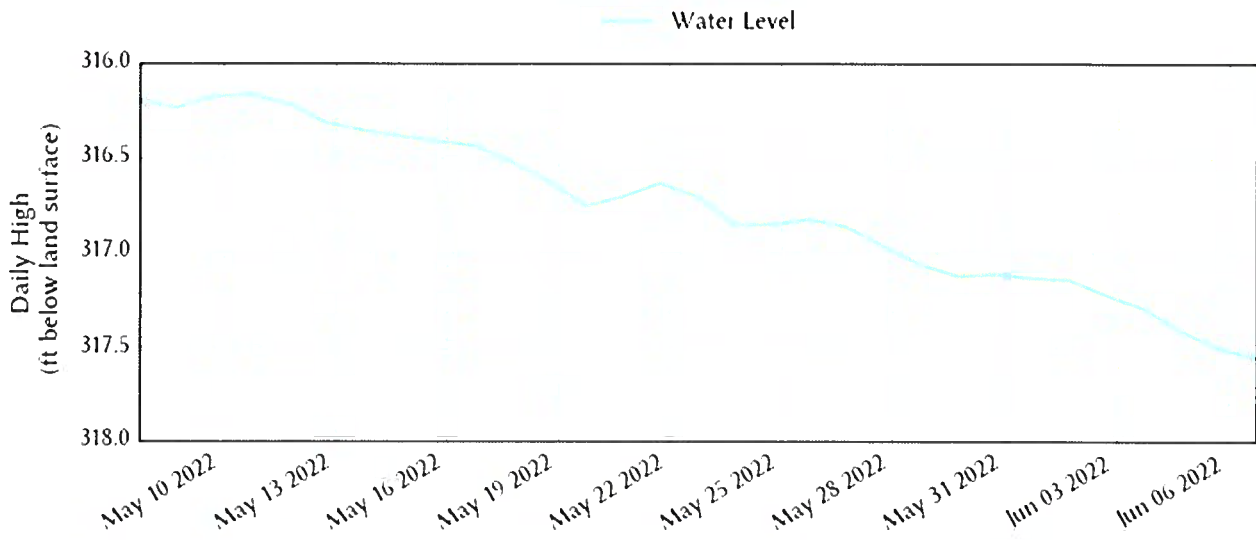
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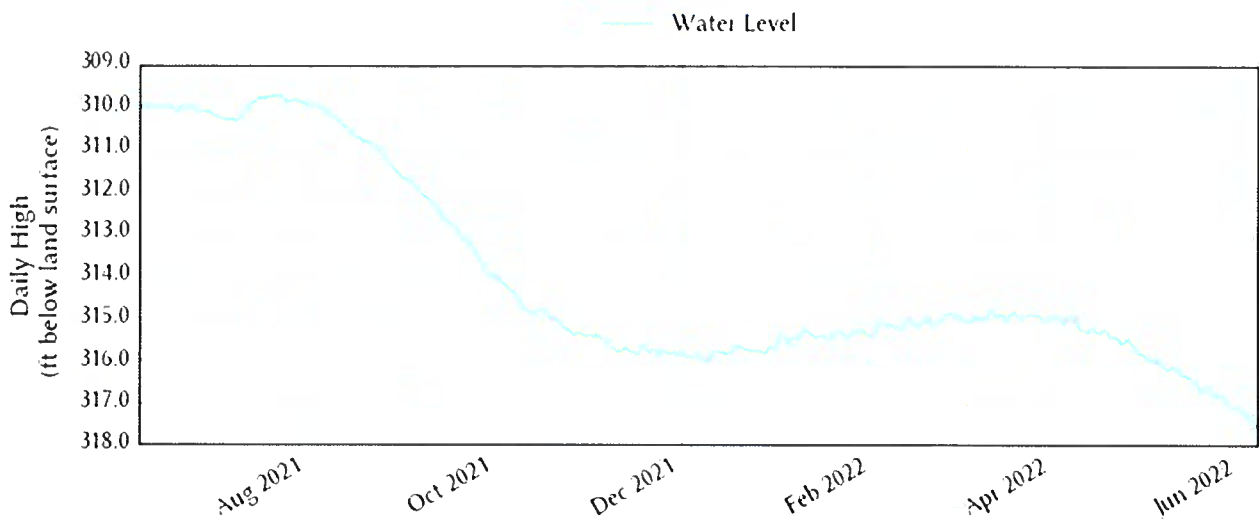
Continuous Monitoring Well # 5802303  
(Killeen - River Ridge Ranch Park Well #2)  
Lower Trinity Aquifer

Total Depth: 637 ft.

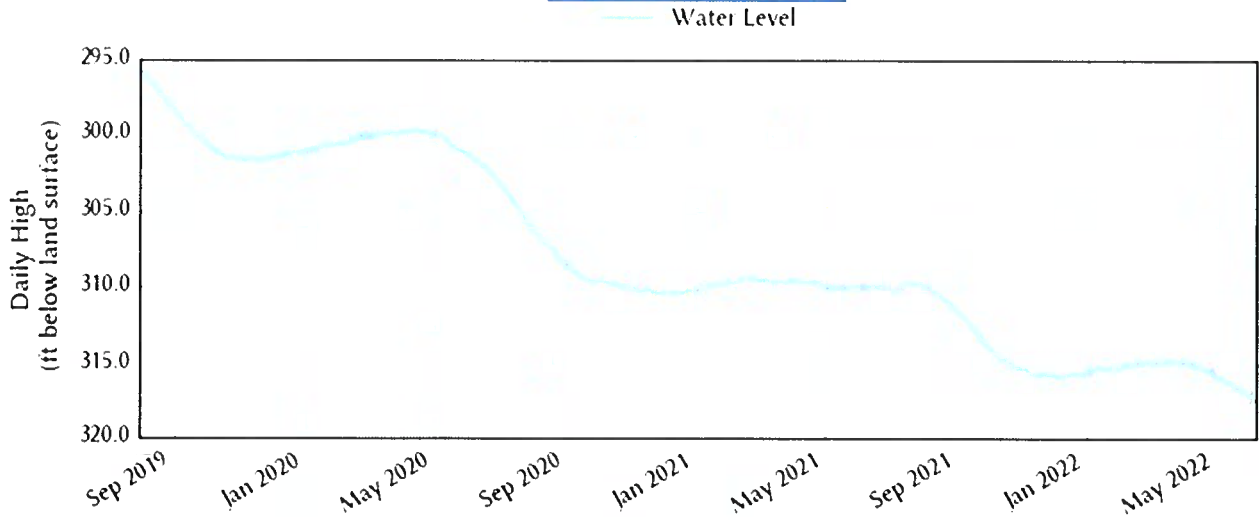
Last 30 Days



1 Year



Period Of Record

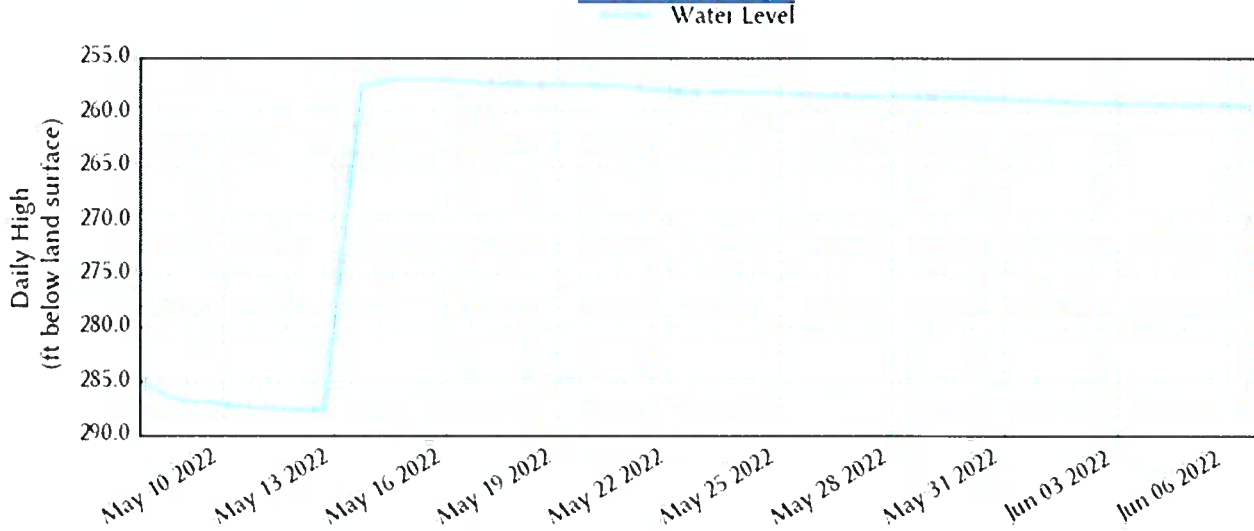


June 2022

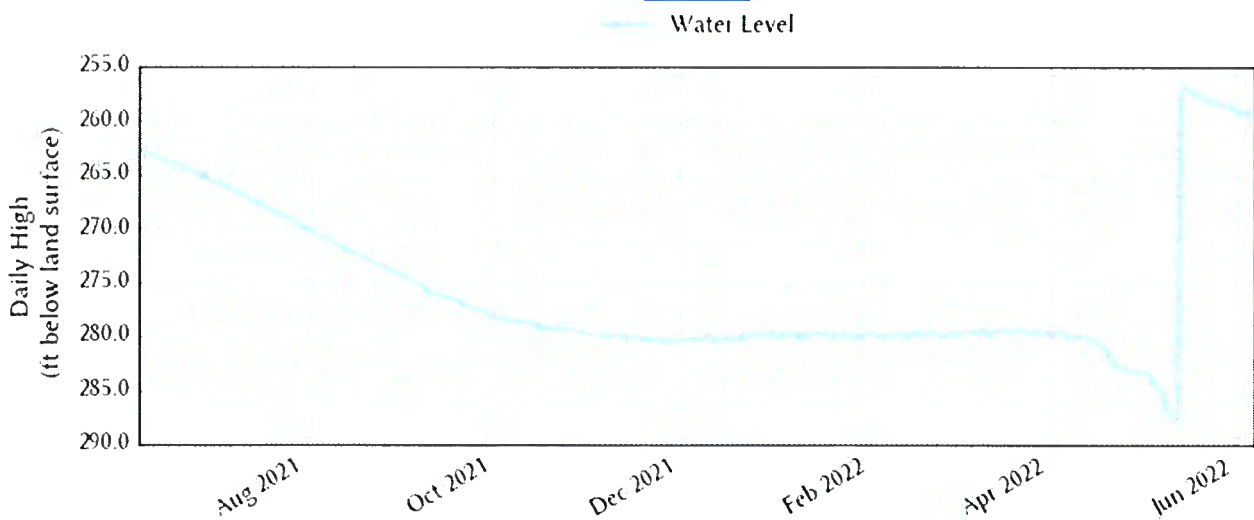
Continuous Monitoring Well # 4061509  
(Temple - Pea Ridge Well)  
Lower Trinity Aquifer

Total Depth: 1,261 ft

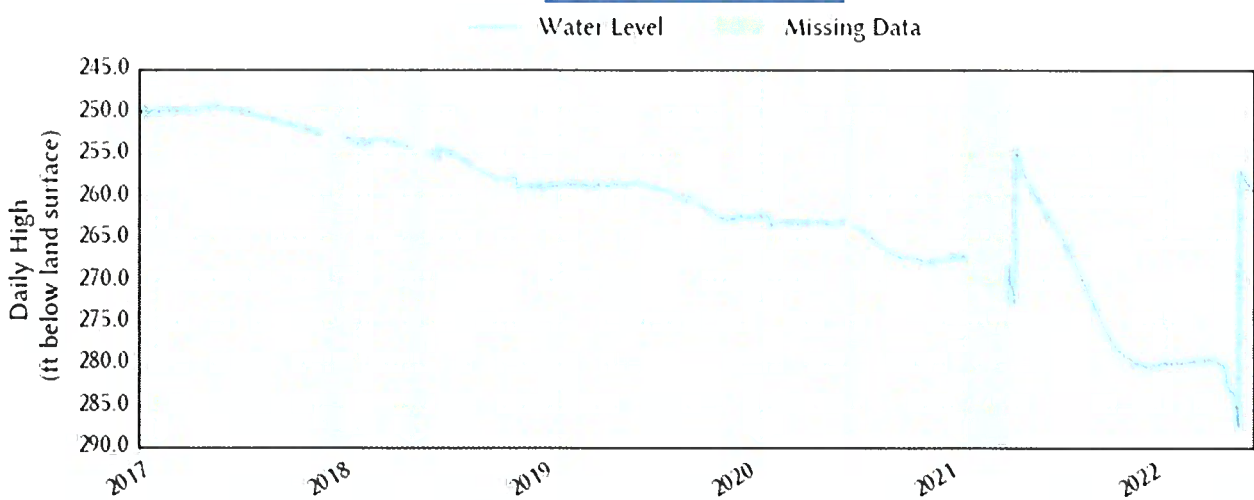
Last 30 Days



1 Year



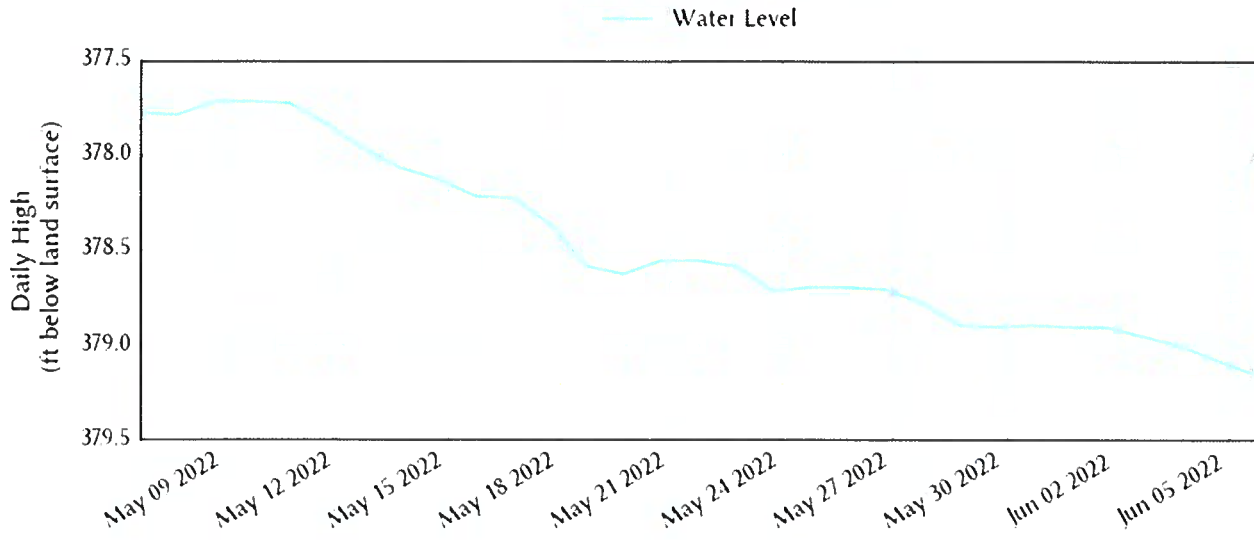
Period Of Record



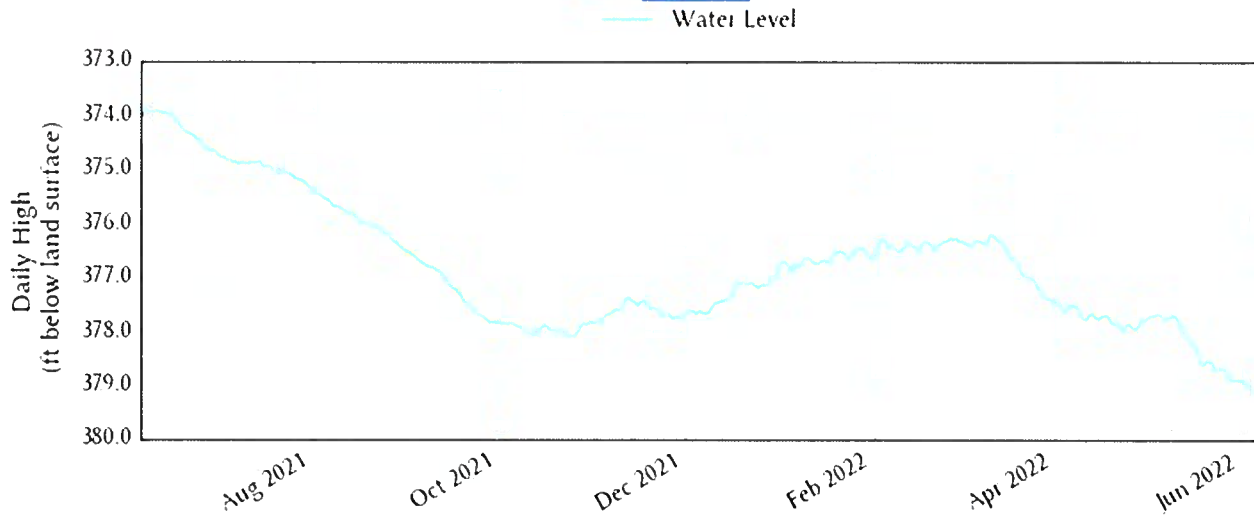
Continuous Monitoring Well # 4062501  
(Temple - Acres Well)  
Lower Trinity Aquifer

Total Depth: 2,236 ft

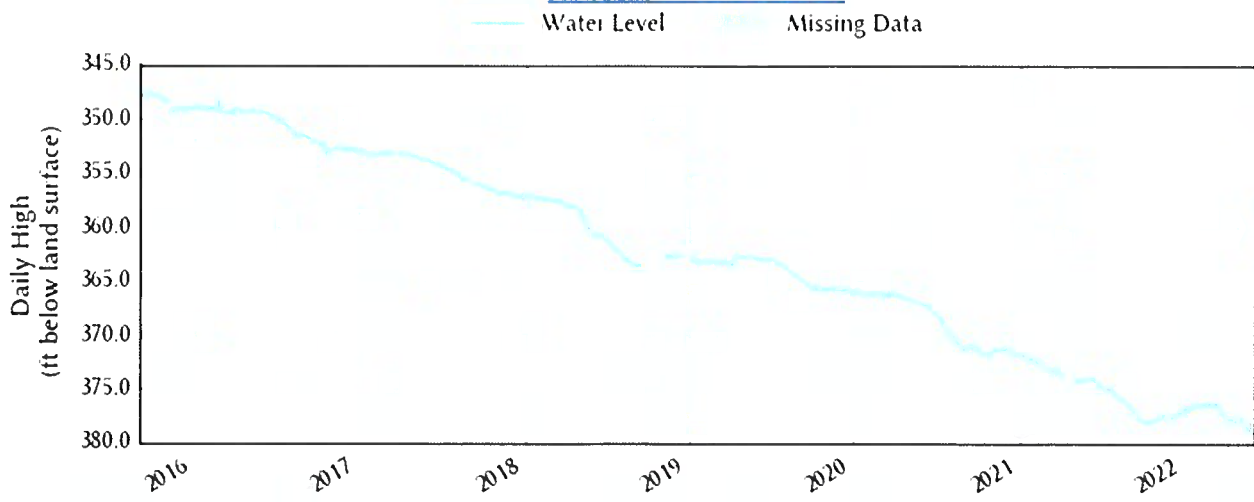
Last 30 Days



1 Year

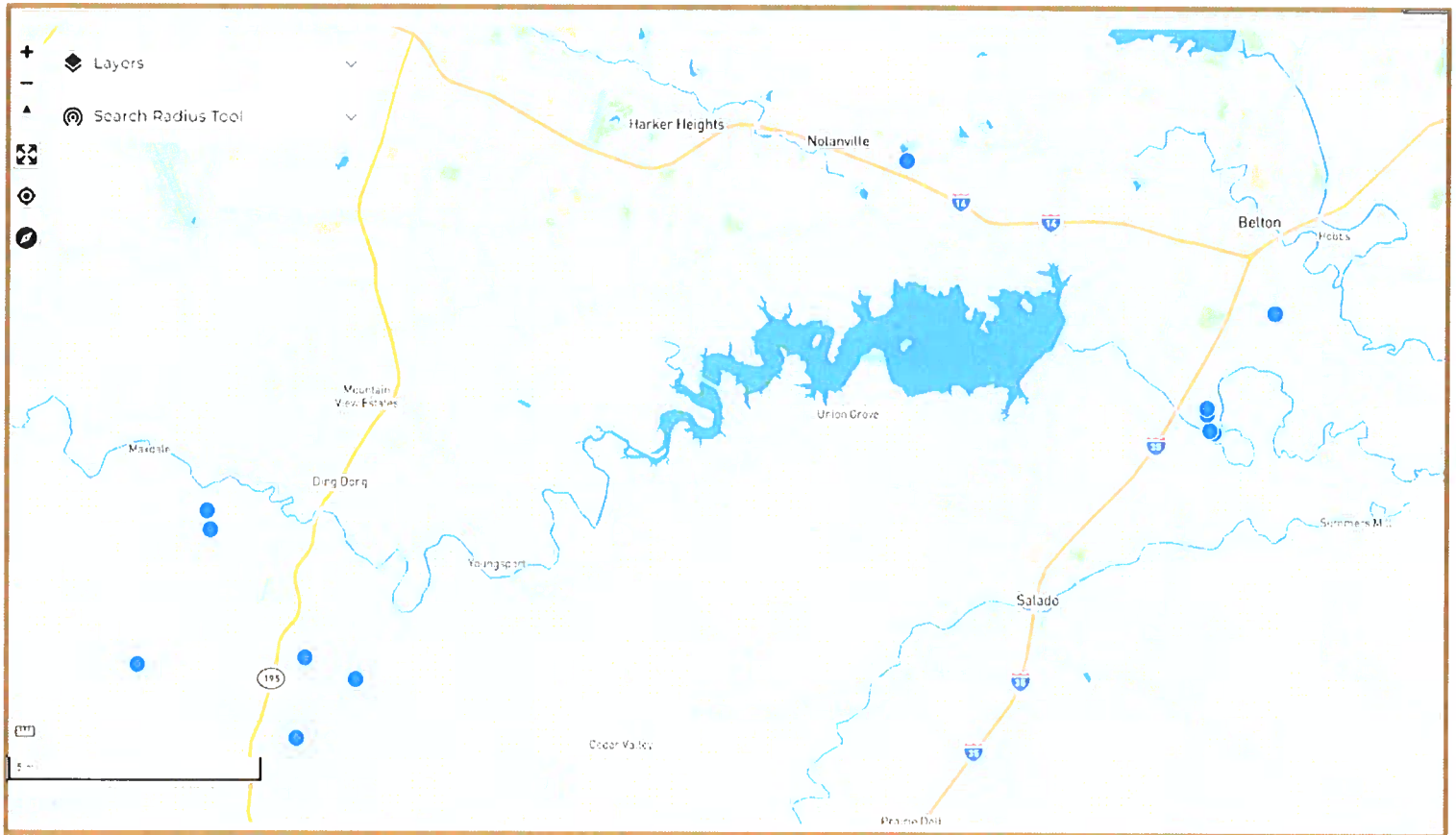


Period Of Record





# Well Registrations - May 2022



<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-22-032P	Bob Blumberg	1052 High Ridge Dr	Killeen	Lower Trinity	660	Domestic	Proposed
E-22-033P	Jonathon Sauseda	20440 Brooking Rd	Killeen	Lower Trinity	580	Lvstk/Pltry	Proposed
E-22-034P	Guill Quintero	973 Crestwood Dr	Killeen	Lower Trinity	660	Domestic	Proposed
E-22-035P	David & Regina Vidaure Jr	4232 Briggs Rd	Florence	Lower Trinity	700	Domestic	Proposed
E-22-036P	Inge Lyall	1154 Jack Rabbit Flats	Belton	Middle Trinity	780	Domestic	Proposed
E-22-038GU	James Alexander	1343 Wilson Branch Rd	Killeen	Middle Trinity	550	Domestic	Active
E-22-039G	Thomas Jones	225 Butler Ln	Belton	Edwards Equivalent	155	Domestic	Active
E-22-040GU	Hunt Communities Belton LLC	601 N Mesa St	El Paso	Edwards (BFZ)	100	Domestic	Active
E-22-041GU	Hunt Communities Belton LLC	601 N Mesa St	El Paso	Edwards (BFZ)	100	Lvstk/Pltry	Active
E-22-042GU	Hunt Communities Belton LLC	601 N Mesa St	El Paso	Edwards (BFZ)	100	Lvstk/Pltry	Inactive
E-22-043GU	Hunt Communities Belton LLC	601 N Mesa St	El Paso	Edwards (BFZ)	100	Lvstk/Pltry	Abandoned
E-22-044GU	Hunt Communities Belton LLC	601 N Mesa St	El Paso	Edwards (BFZ)	120	Domestic	Active
E-22-045G	Ramiro Osoria	764 Mountain Creek Rd	Killeen	Upper Trinity	480	Domestic	Inactive
E-22-046P	Ramiro Osoria	764 Mountain Creek Rd	Killeen	Lower Trinity	590	Domestic	Proposed

## Well Registration Totals - May 2022

Year	Exempt Wells		Non-Exempt Wells			Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Water	Envr	
2002 - 2021	4446	1134	106	41	70	26	121	5944
2022 - Jan	0	5	0	0	0	0	0	5
Feb	2	10	0	0	3	0	0	15
Mar	0	9	0	0	0	0	0	9
April	2	3	0	1	0	0	0	6
May	8	6	0	0	0	0	0	14
June								0
July								0
Aug								0
Sep								0
Oct								0
Nov								0
Dec								0
<b>Total 2022</b>	<b>12</b>	<b>33</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>49</b>
<b>Grand Totals</b>	<b>4458</b>	<b>1167</b>	<b>106</b>	<b>42</b>	<b>73</b>	<b>26</b>	<b>121</b>	<b>5993</b>

## Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells			Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Water	Envr	
<b>2002-Present</b>	<b>4458</b>	<b>1167</b>	<b>106</b>	<b>42</b>	<b>73</b>	<b>26</b>	<b>121</b>	<b>5993</b>
Never Drilled	N/A	-27	N/A	-3	-4	0	-1	-35
Plugged	-203	-42	-18	-2	-1	-2	-53	-321
<b>Totals</b>	<b>4255</b>	<b>1098</b>	<b>88</b>	<b>37</b>	<b>68</b>	<b>24</b>	<b>67</b>	<b>5637</b>