



Clearwater Underground Water Conservation District

P.O. Box 1989, Belton, Texas 76513
Phone: 254/933-0120 Fax: 254/933-8396
www.cuwed.org

Leland Gersbach, President
Gary Young
Jody Williams
Scott Brooks
David Cole

Clearwater Staff Reports

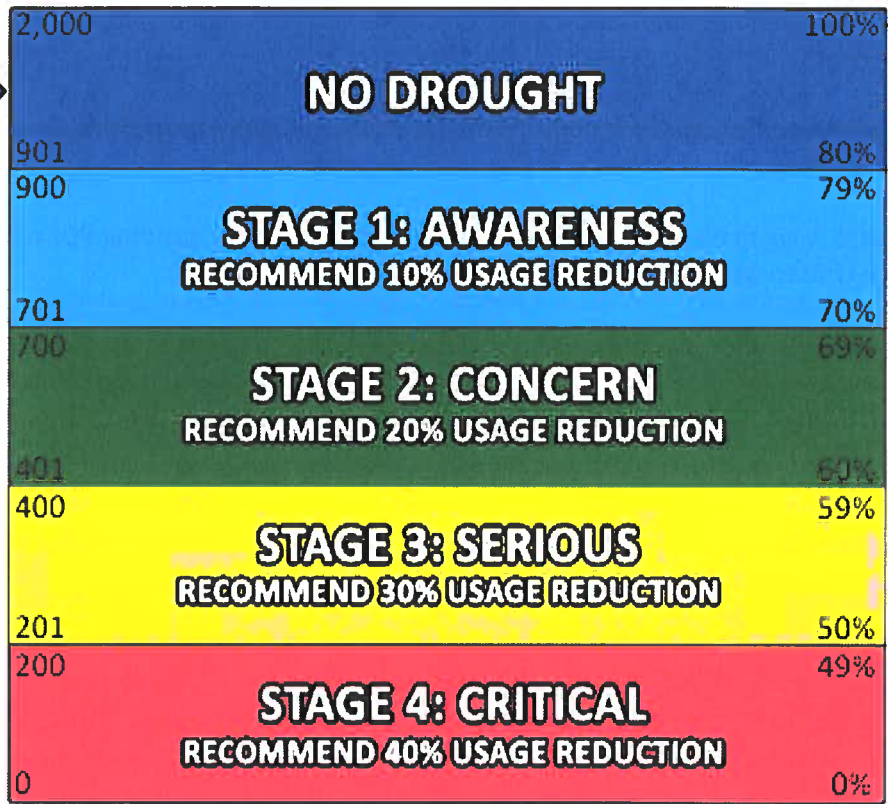
May 11, 2022

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

NO DROUGHT

1032.99 ac-ft
(month)
17.36 cfs



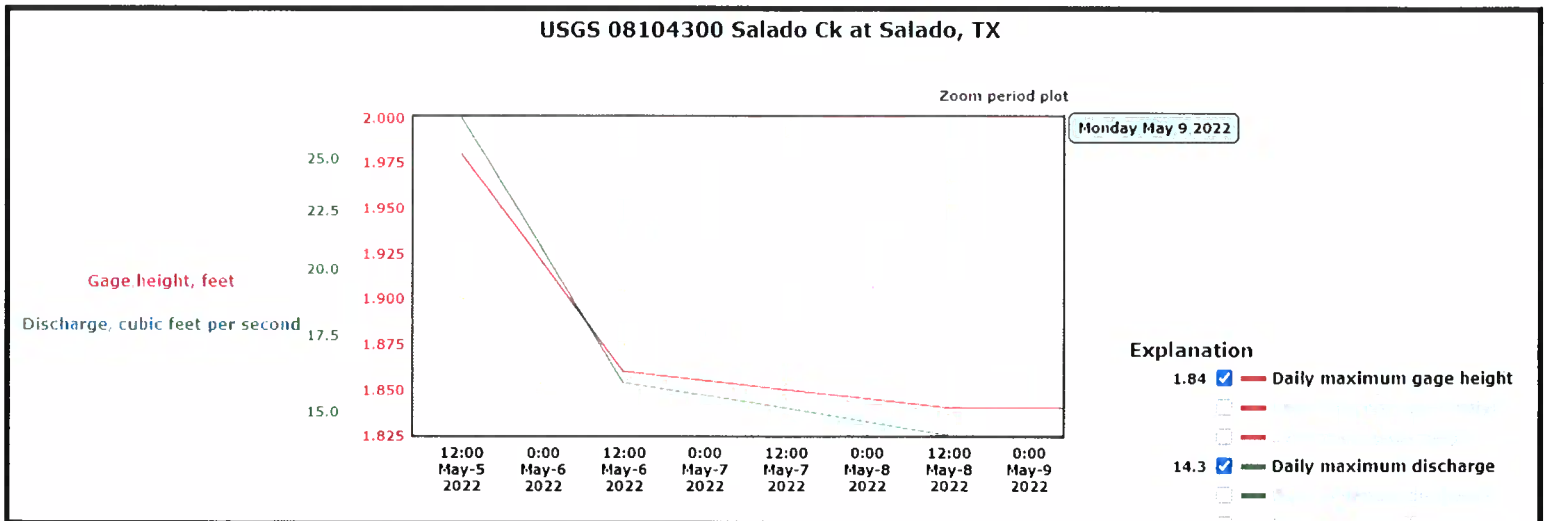
32.695 PDI
99.08 %

Salado Creek
Spring Discharge

Precipitation Deficit Index (PDI)

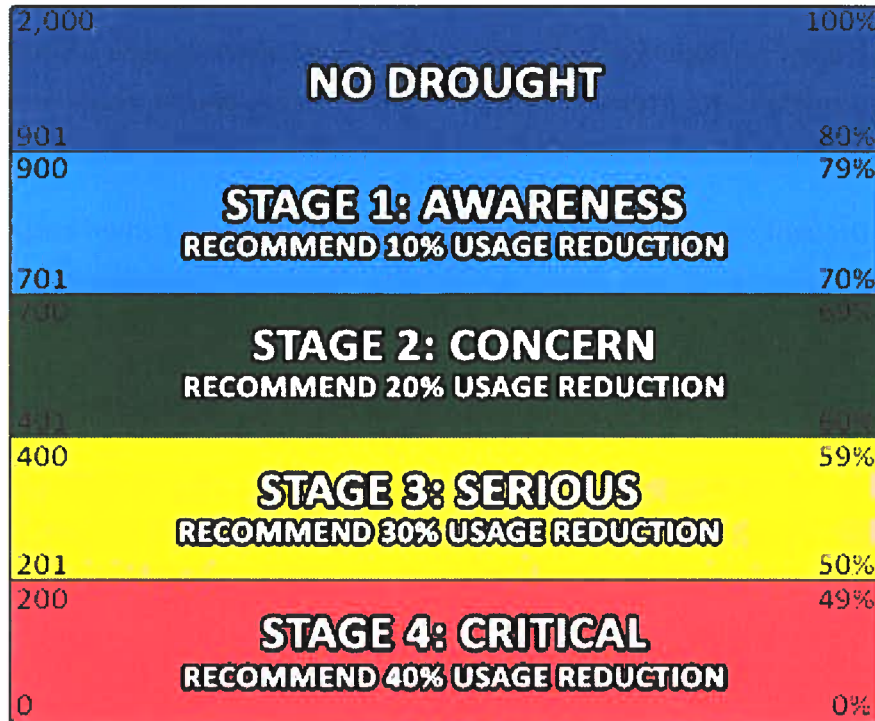
AS OF 5/10/2022

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



Trinity Aquifer—Drought Status Report

NO DROUGHT

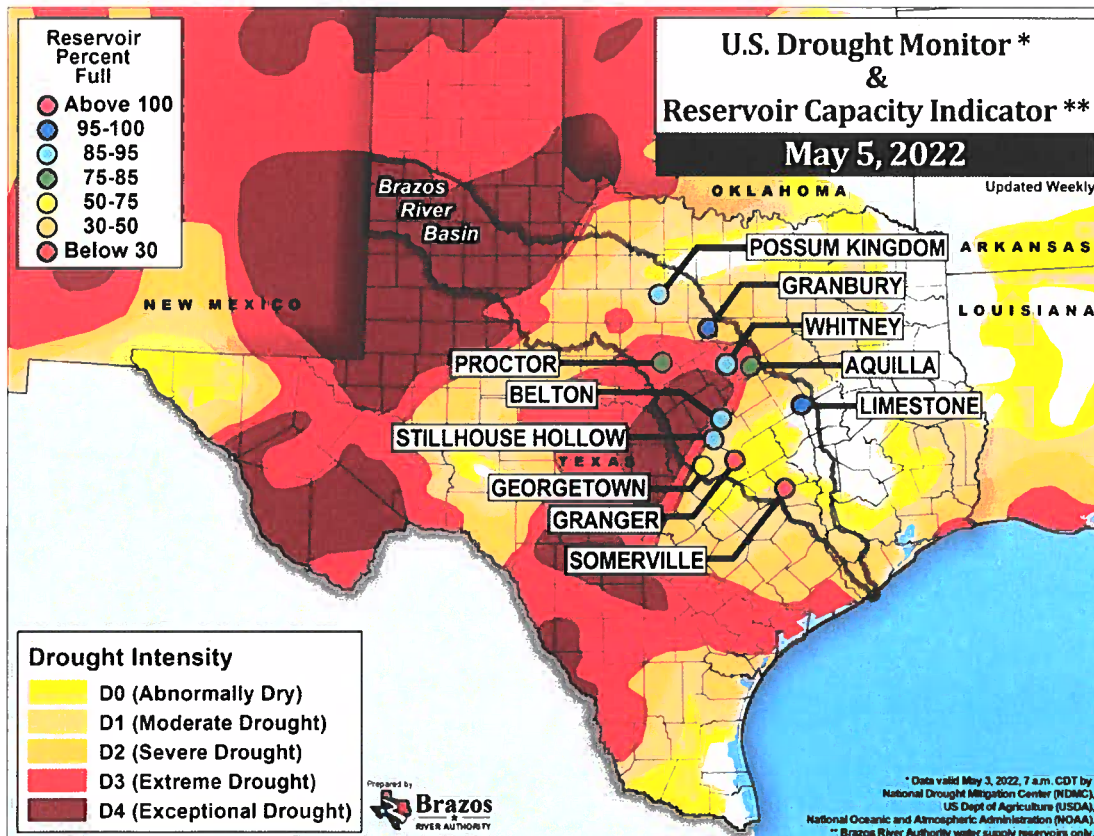


32.695 PDI
99.08 %

Precipitation Deficit Index (PDI)

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

AS OF 5/10/2022





Education Outreach Highlights 5/10/22

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).

- April 14 – Staff presented to local city employees from the public works department. 100 people were in attendance.
- May 13 – Staff will be presenting to home school kids through rotations in the education trailer.

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 3rd.
- 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 13th Board Meeting.

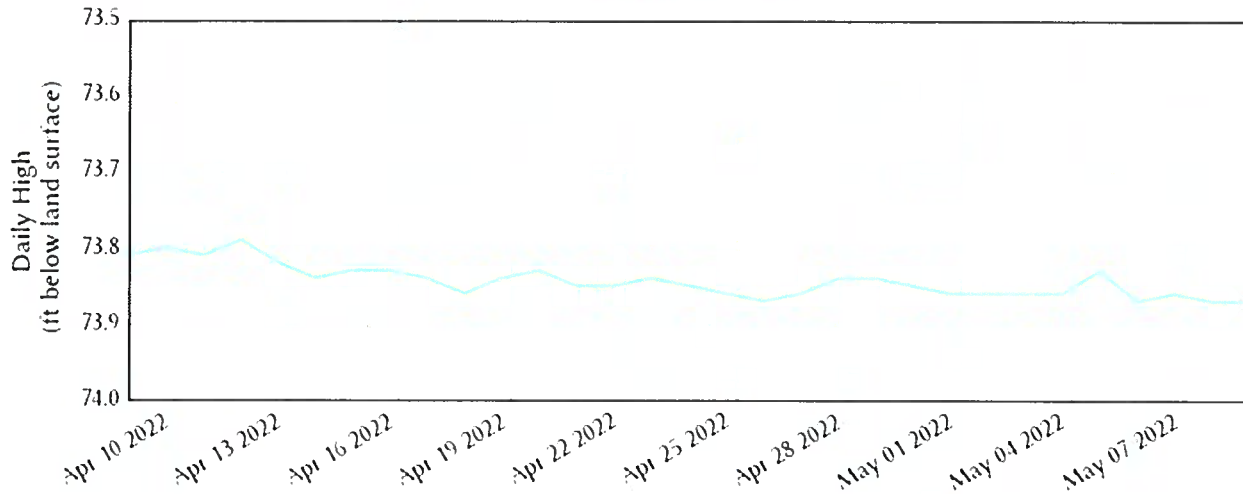
May 2022

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

Last 30 Days

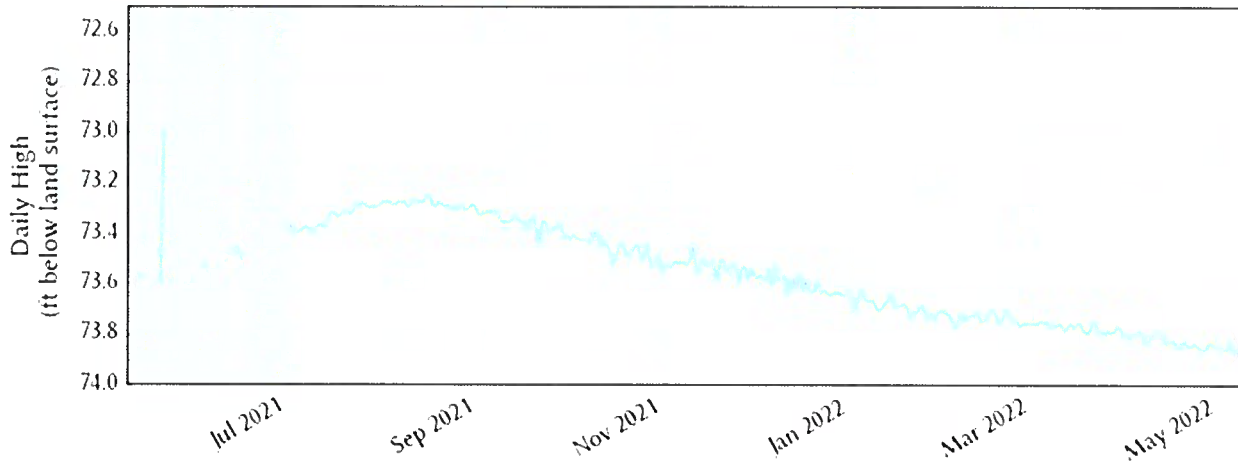
Total Depth: 95 Ft

Water Level



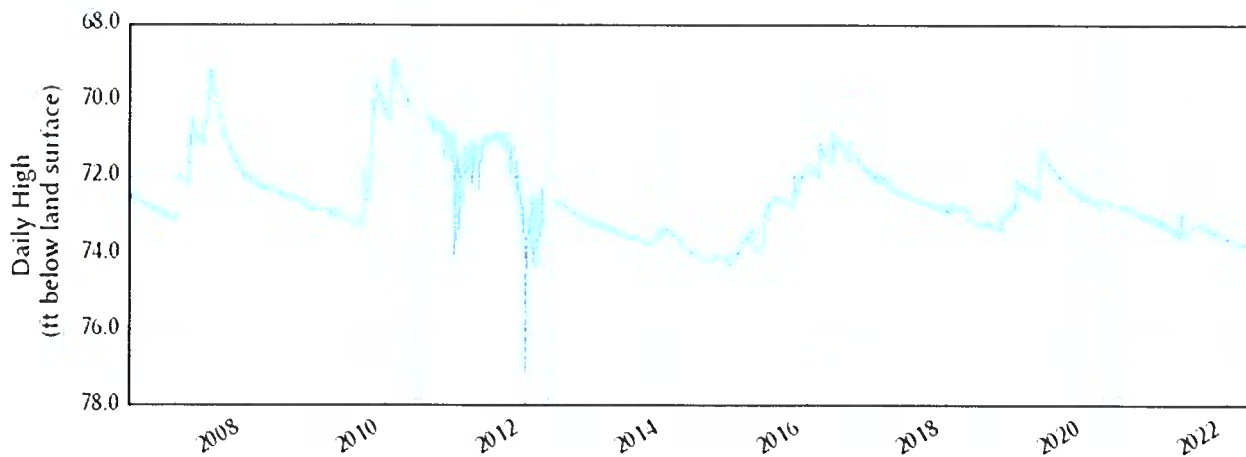
1 Year

Water Level Missing Data



Period Of Record

Water Level Missing Data

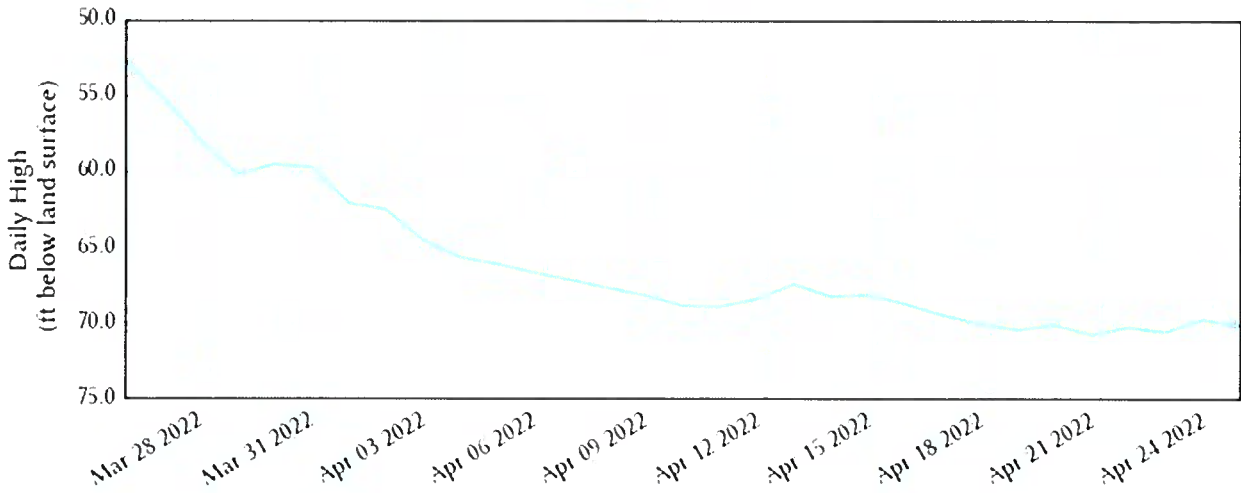


May 2022

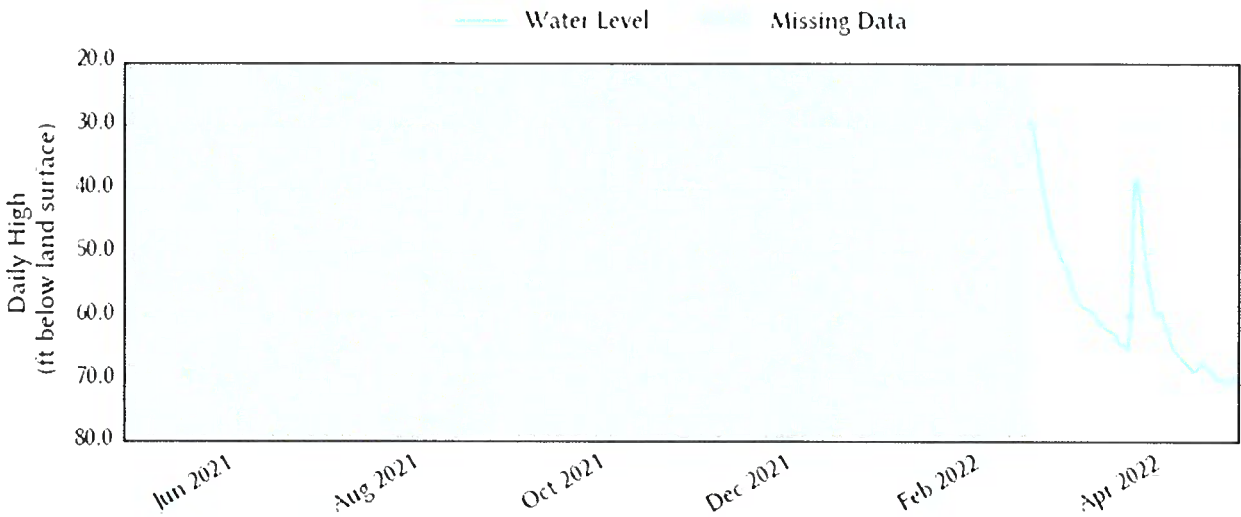
**Continuous Monitoring Well # 5804628
(Salado Cemetery)
Edwards Aquifer**

Total Depth: 129 ft.

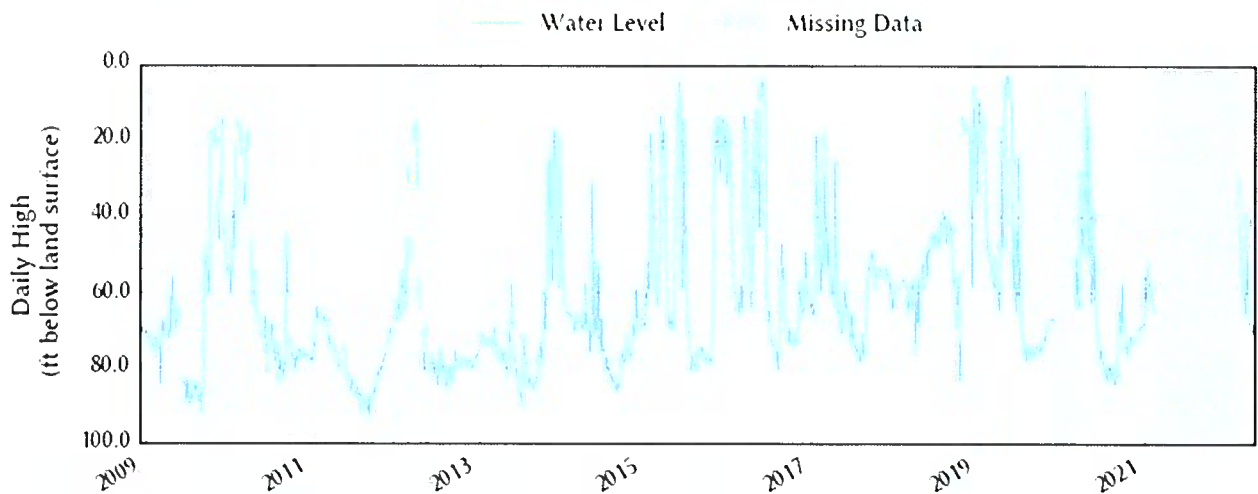
Last 30 Days
Water Level



1 Year



Period Of Record



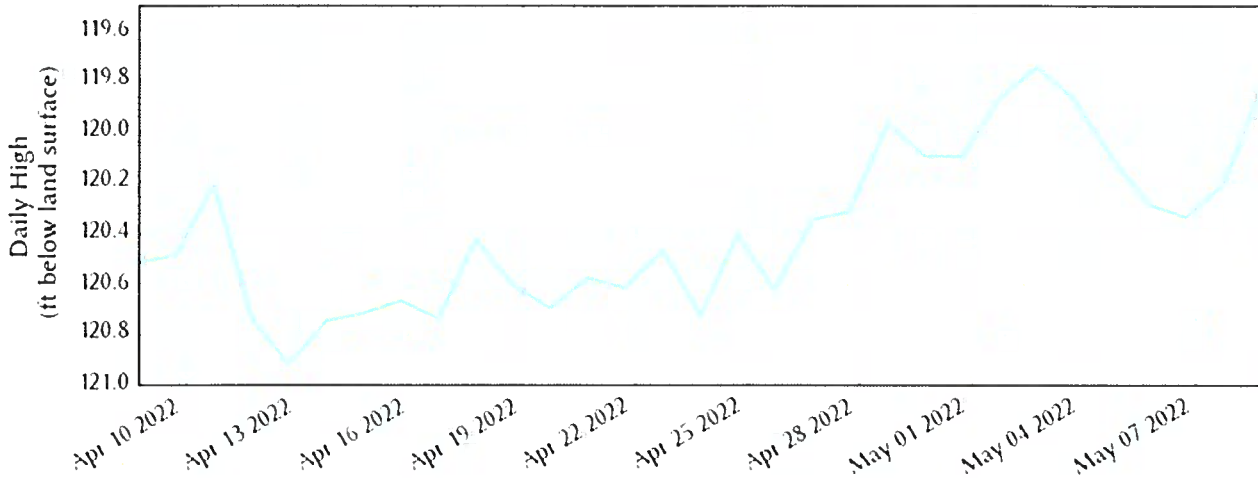
May 2022

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

Total Depth: 170 ft.

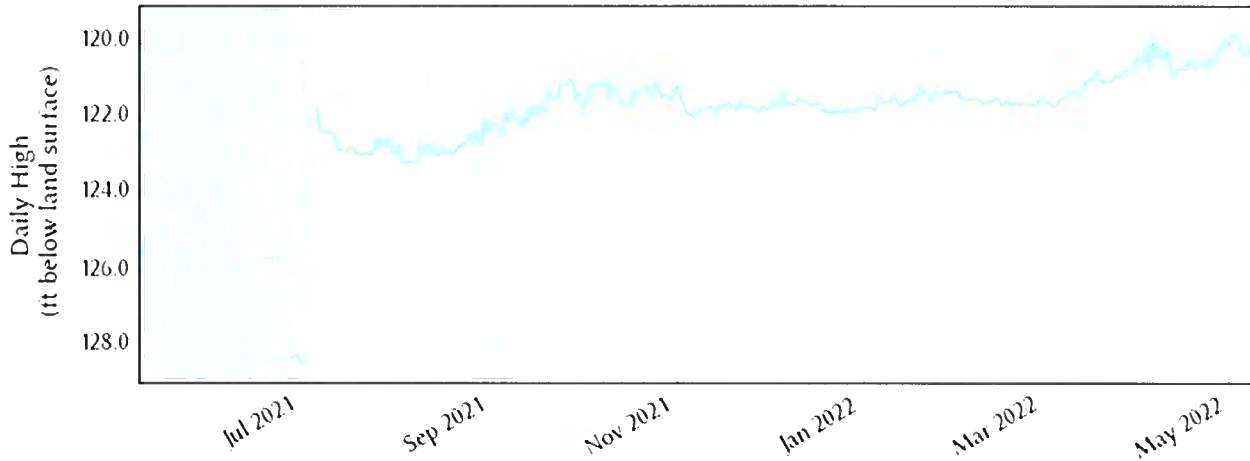
Last 30 Days

Water Level



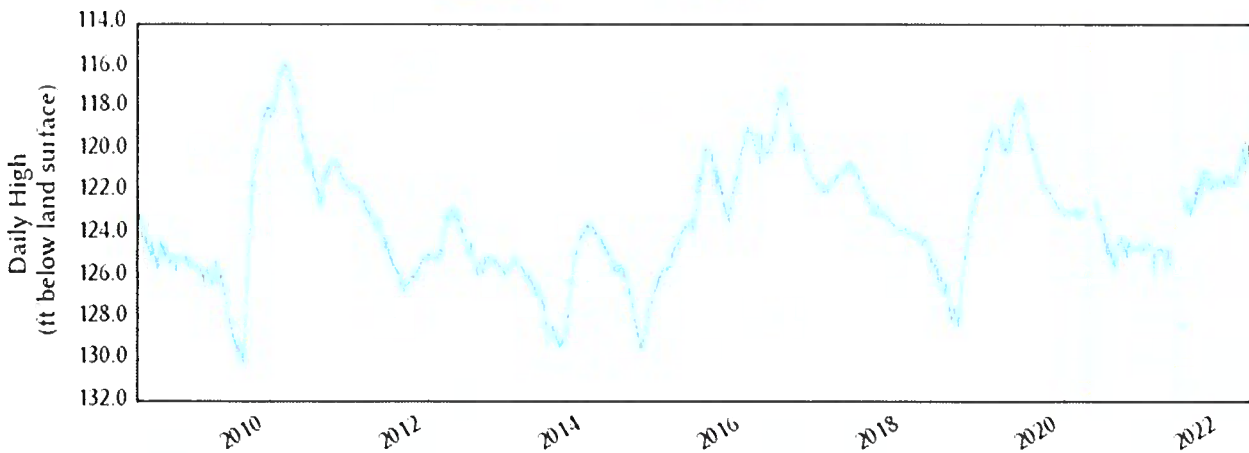
1 Year

Water Level Missing Data



Period Of Record

Water Level Missing Data

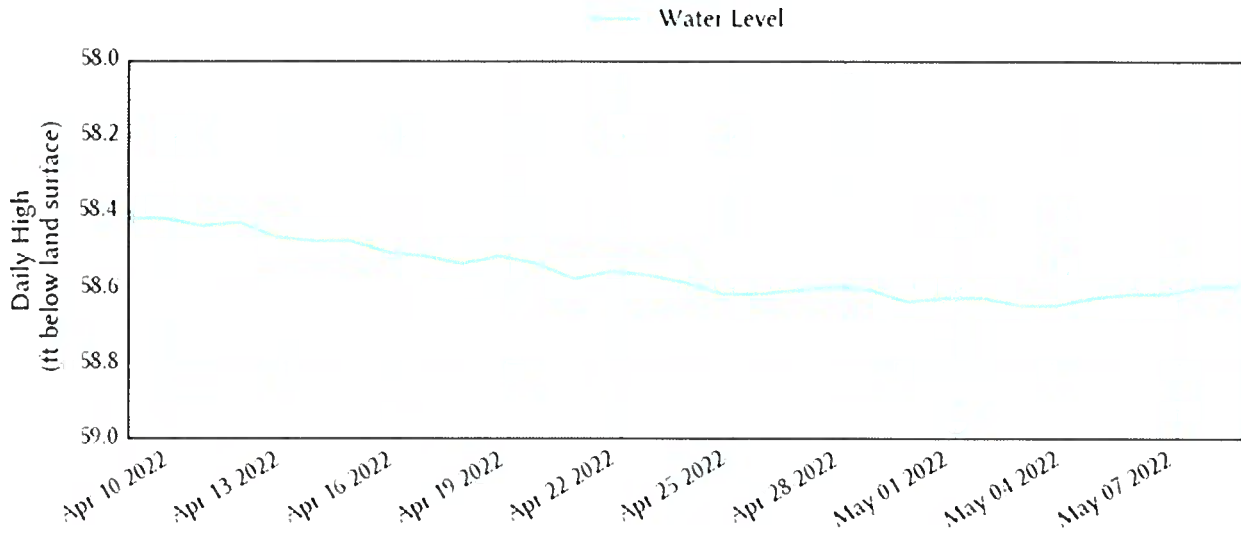


May 2022

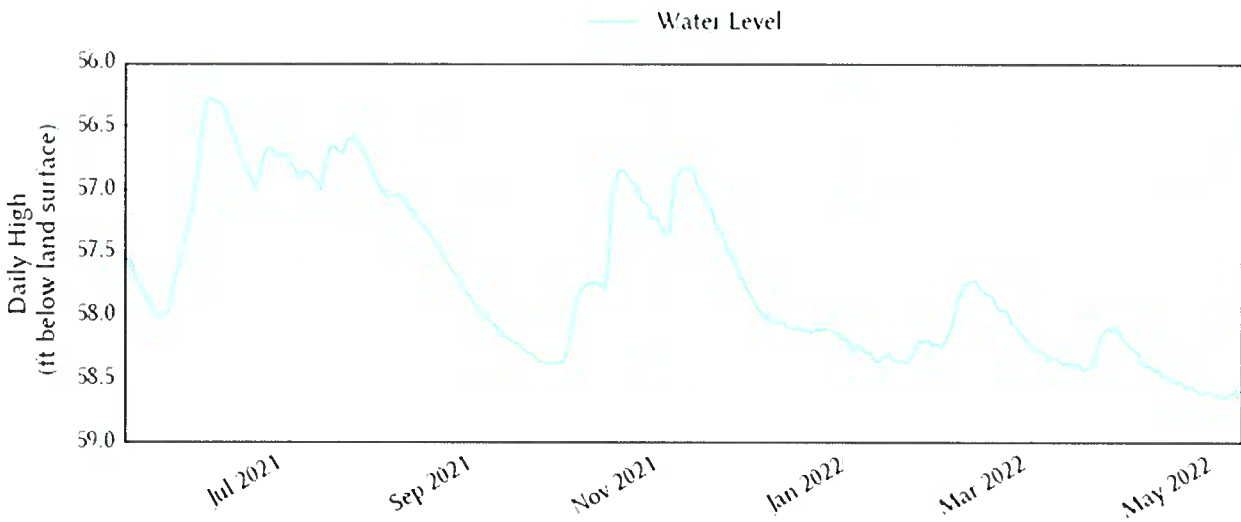
**Continuous Monitoring Well # 5803702
(Gault Site - Williamson County)
Edwards Aquifer**

Total Depth: 110 ft.

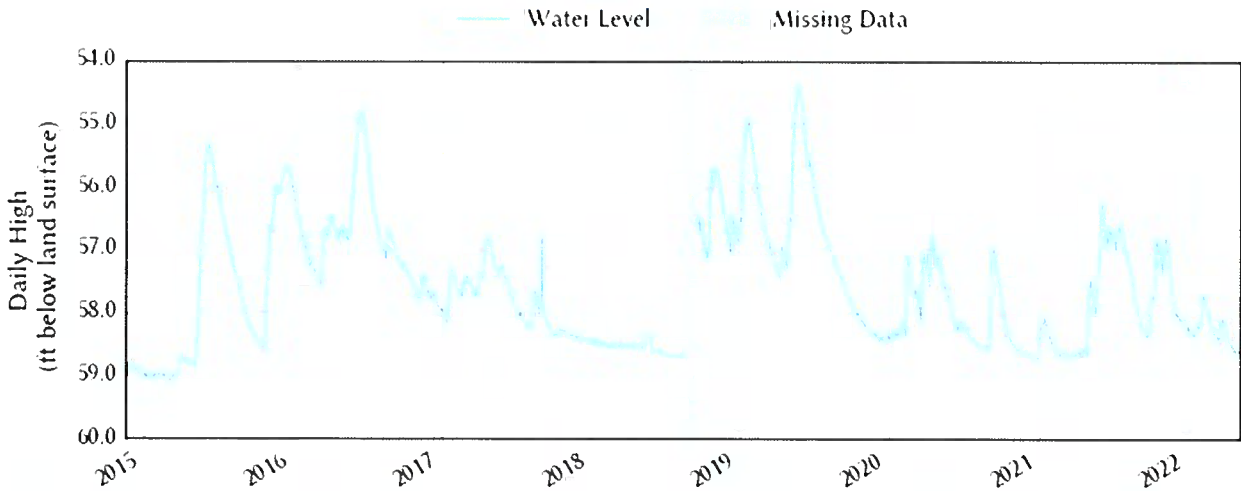
Last 30 Days



1 Year



Period Of Record

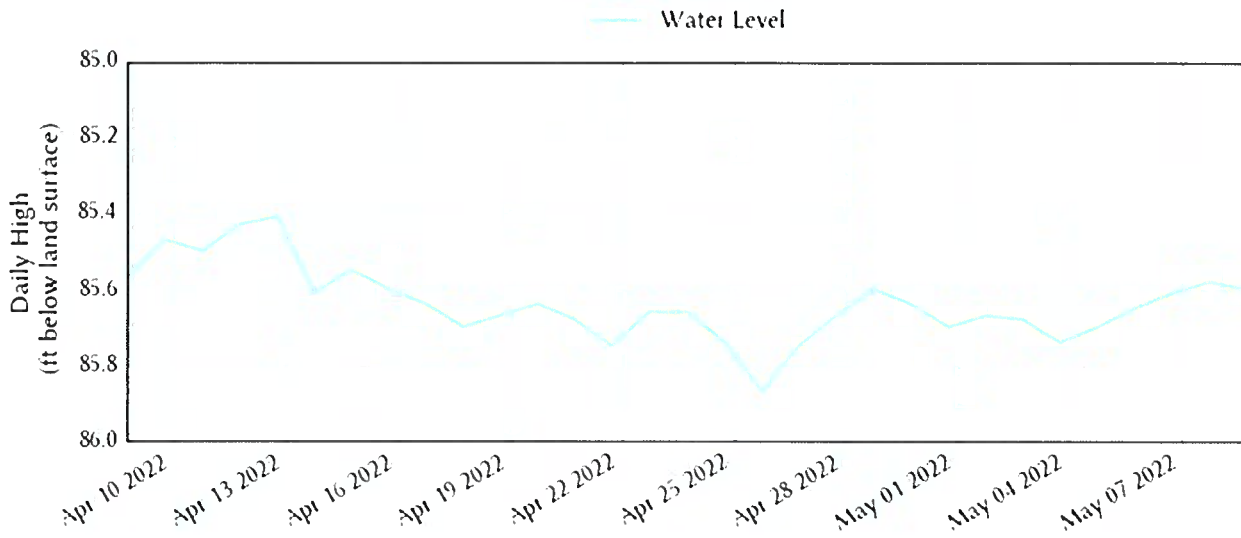


May 2022

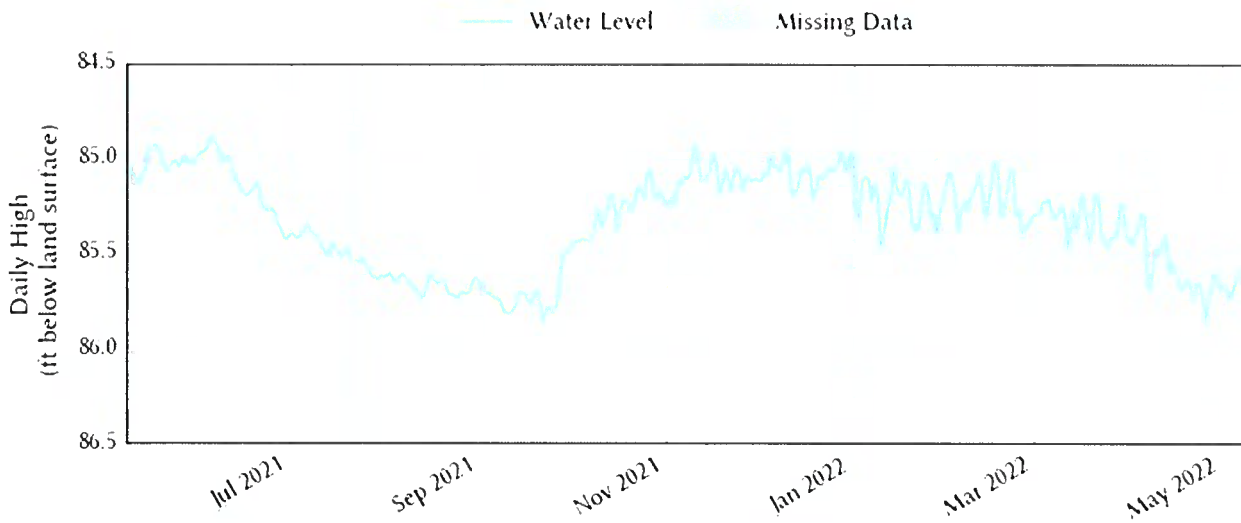
**Continuous Monitoring Well # 4058201
(Central Texas College - Ranch Rd)
Upper Trinity Aquifer**

Total Depth: 435 ft.

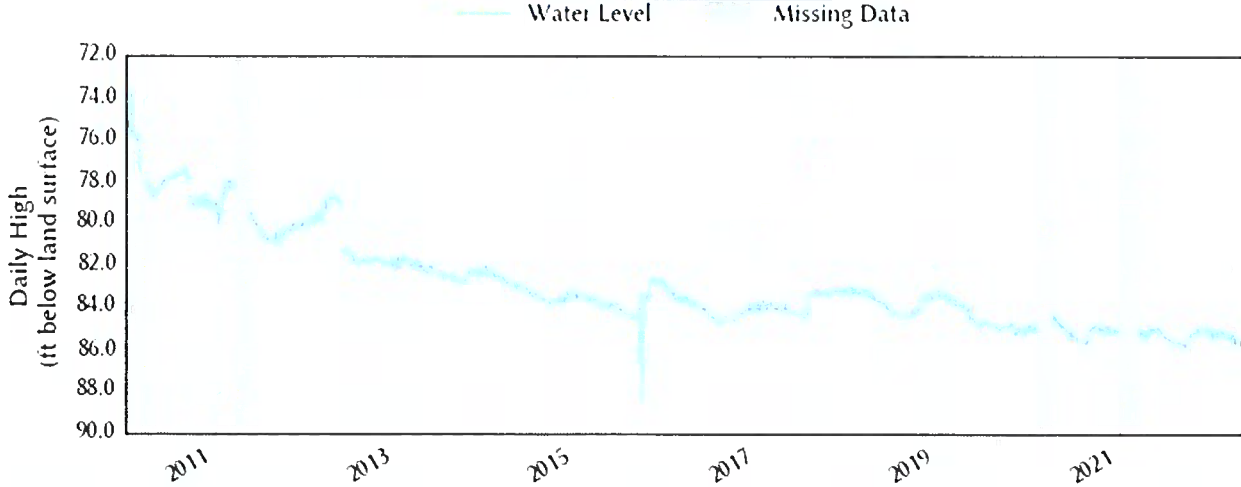
Last 30 Days



1 Year



Period Of Record

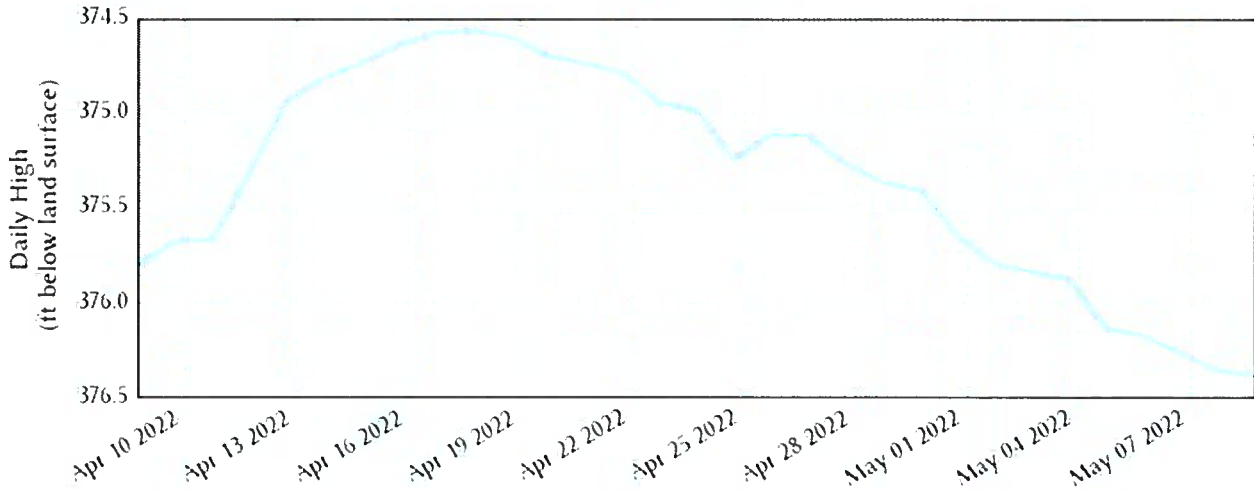


May 2022

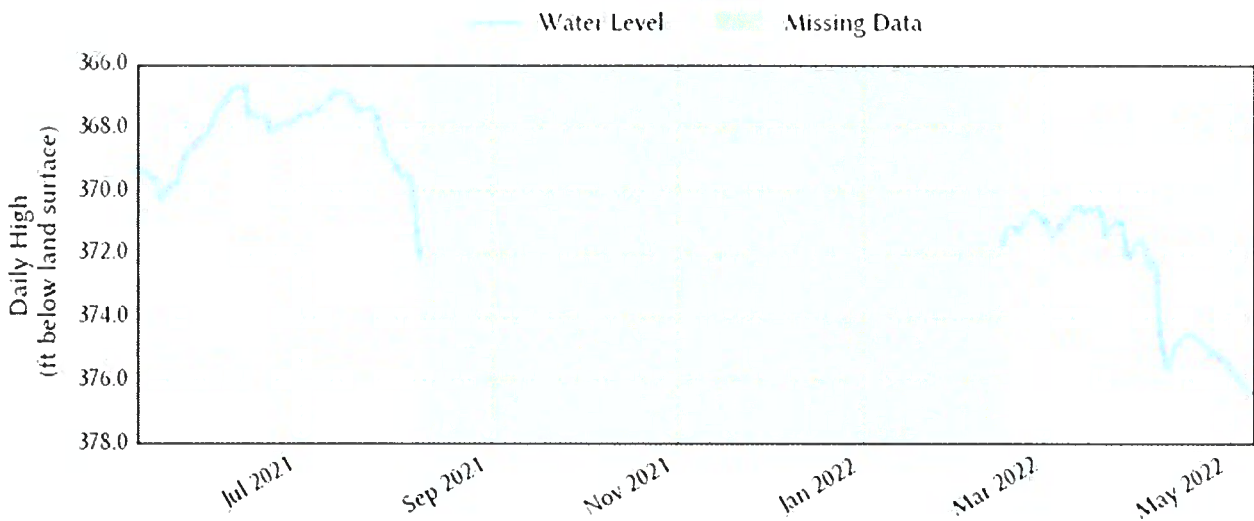
**Continuous Monitoring Well # 5802304
(Killeen - River Ridge Ranch Park Well #1)
Middle Trinity Aquifer**

Total Depth: 467 ft

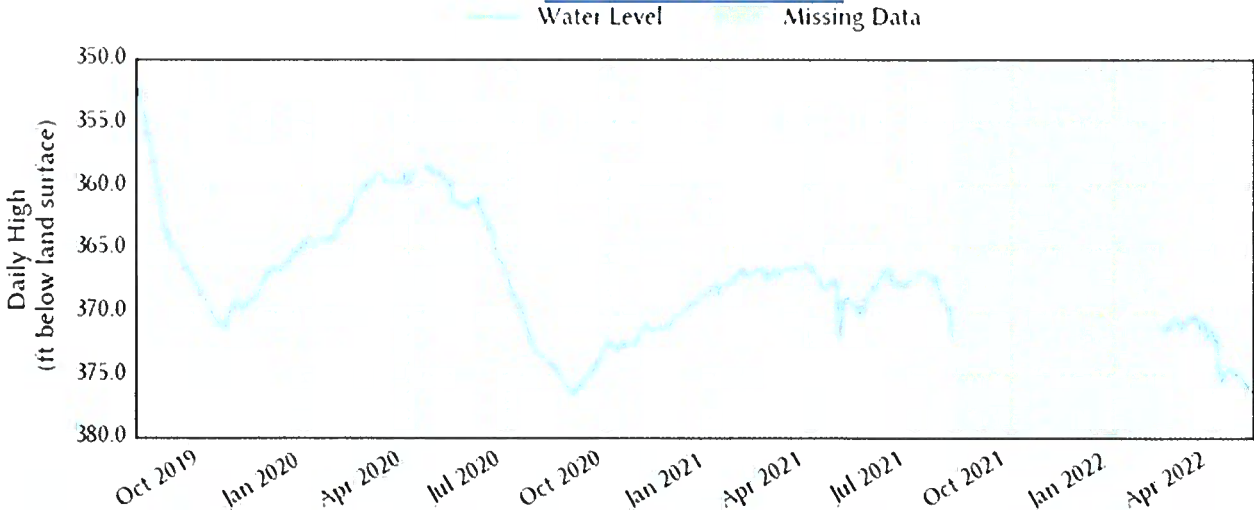
Last 30 Days
Water Level



1 Year



Period Of Record



May 2022

Continuous Monitoring Well # 4057601

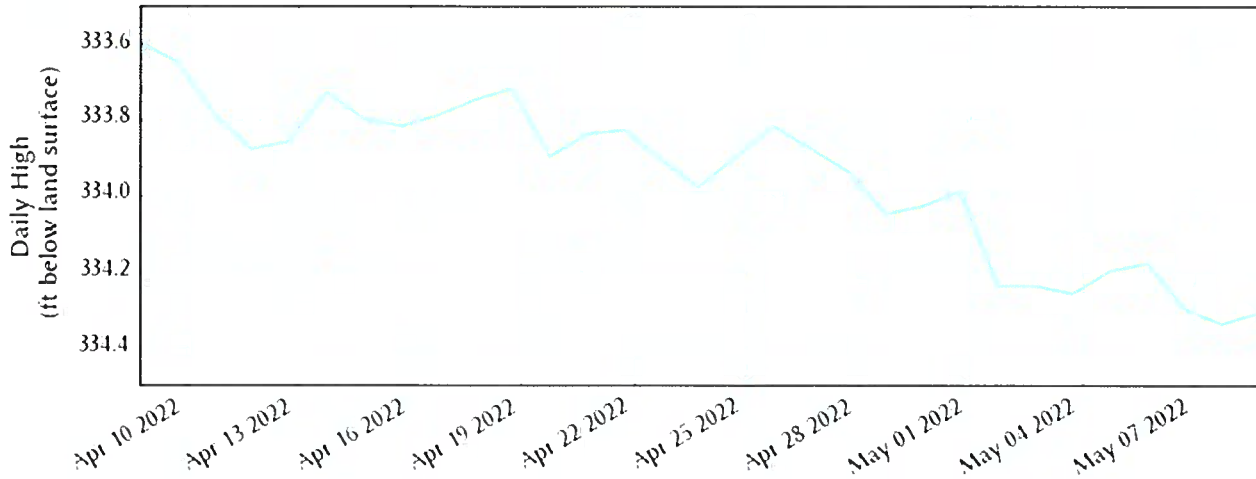
(Copperas Cove)

Middle Trinity Aquifer

total Depth: 469 ft.

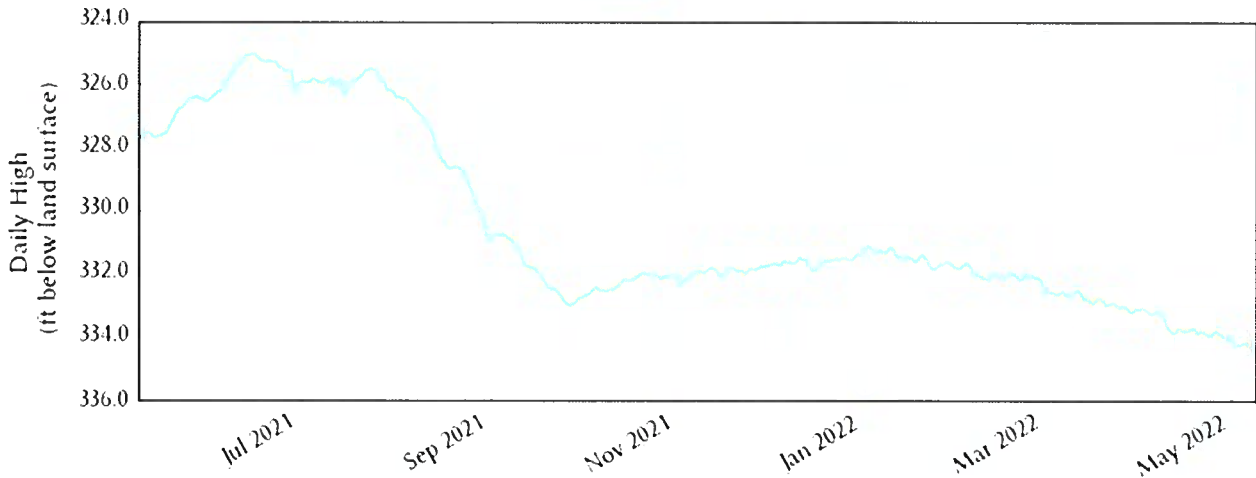
Last 30 Days

— Water Level



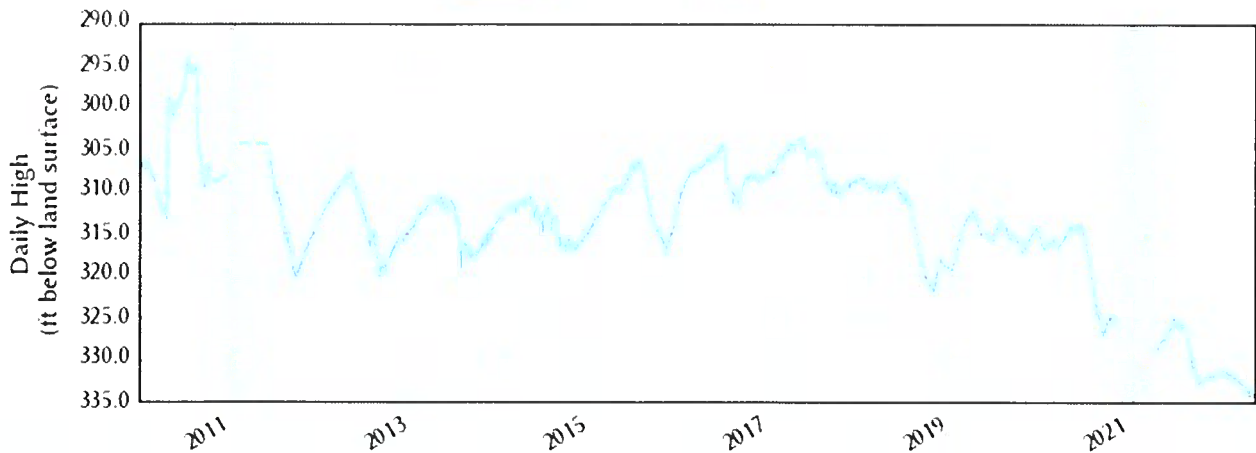
1 Year

— Water Level



Period Of Record

— Water Level — Missing Data



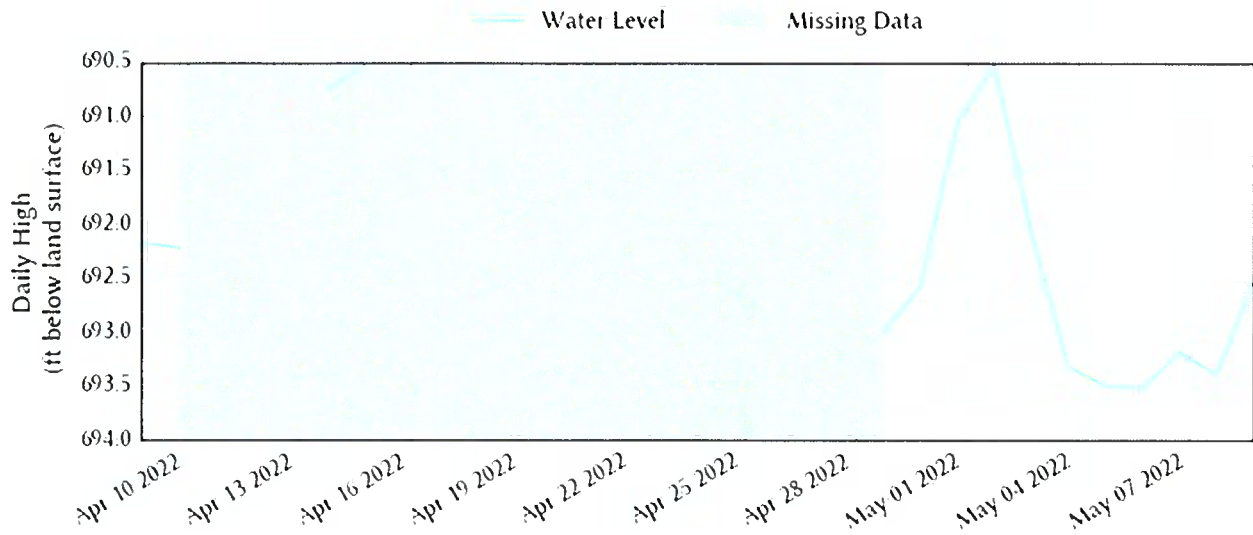
May 2022

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

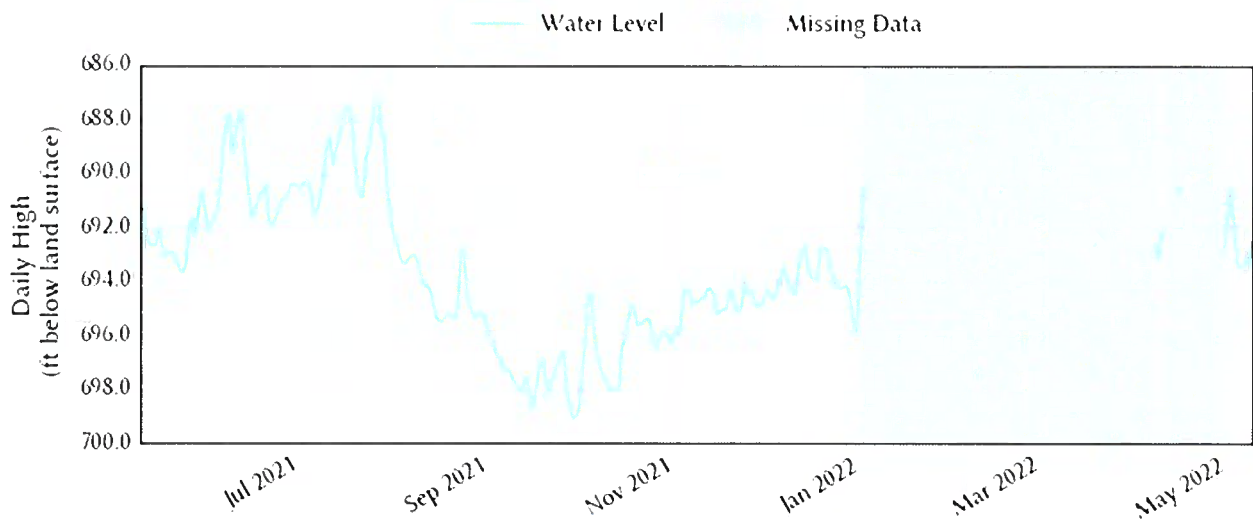
Middle Trinity Aquifer

Total Depth: 880 ft.

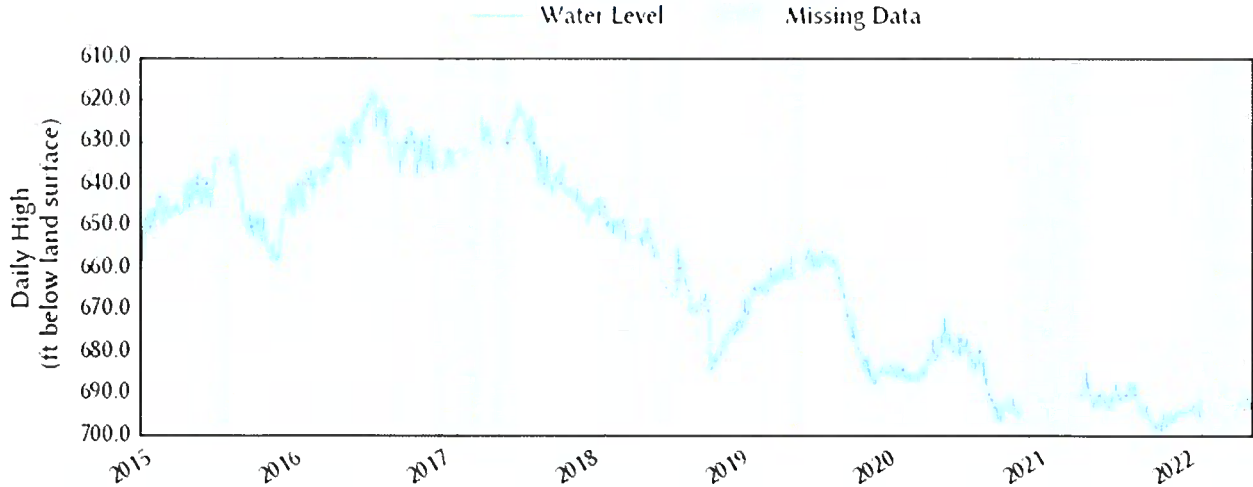
Last 30 Days



1 Year



Period Of Record

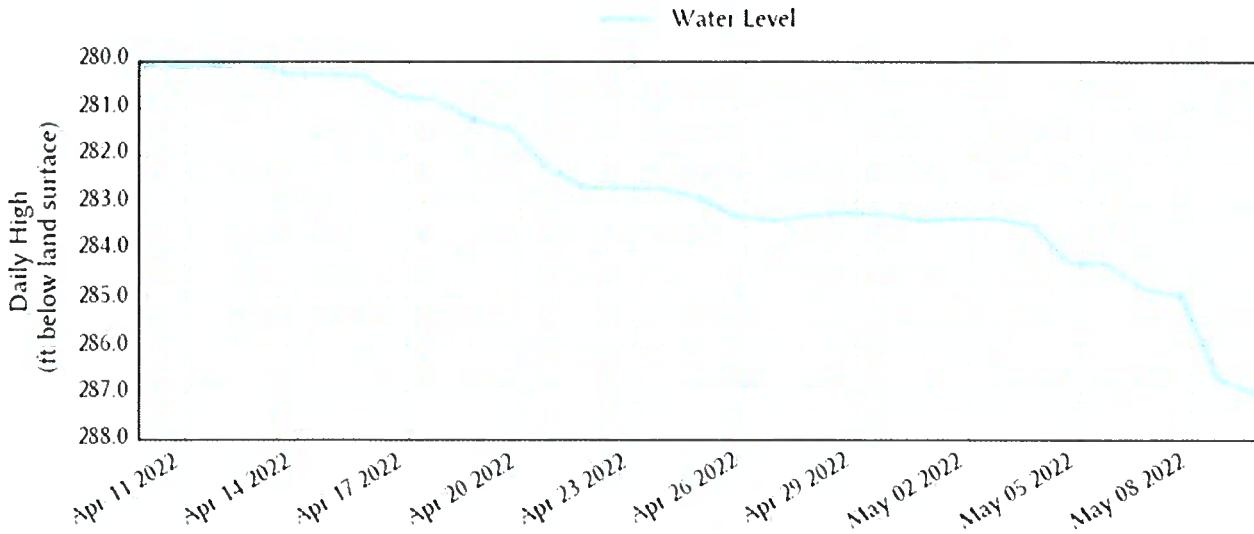


May 2022

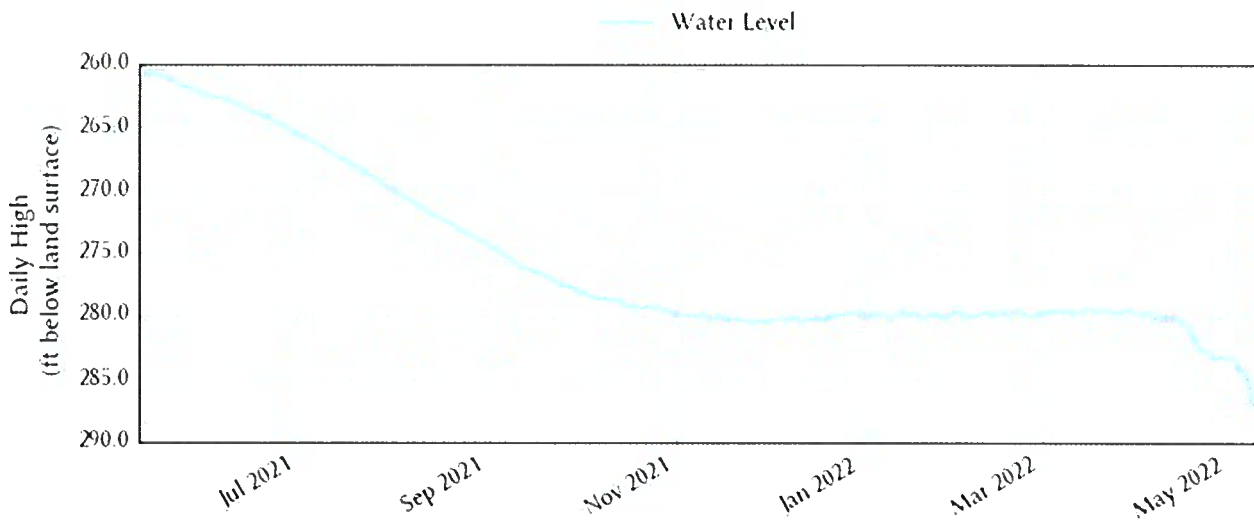
**Continuous Monitoring Well # 4061509
(Temple - Pea Ridge Well)
Lower Trinity Aquifer**

Total Depth: 1,261 Ft.

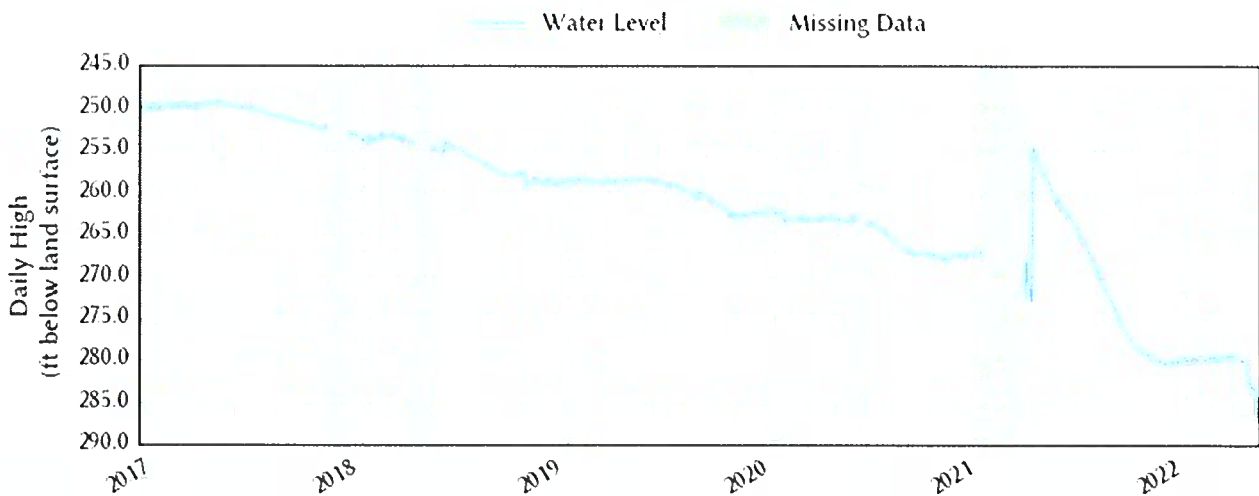
Last 30 Days



1 Year



Period Of Record



May 2022

Continuous Monitoring Well # 4062501

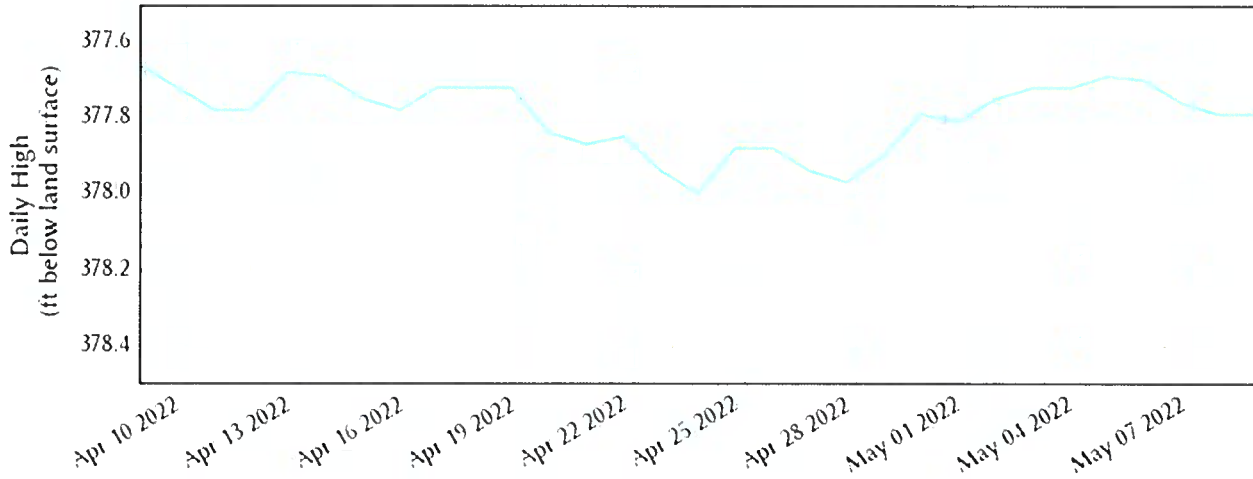
(Temple - Acres Well)

Lower Trinity Aquifer

Total Depth: 2,236 ft.

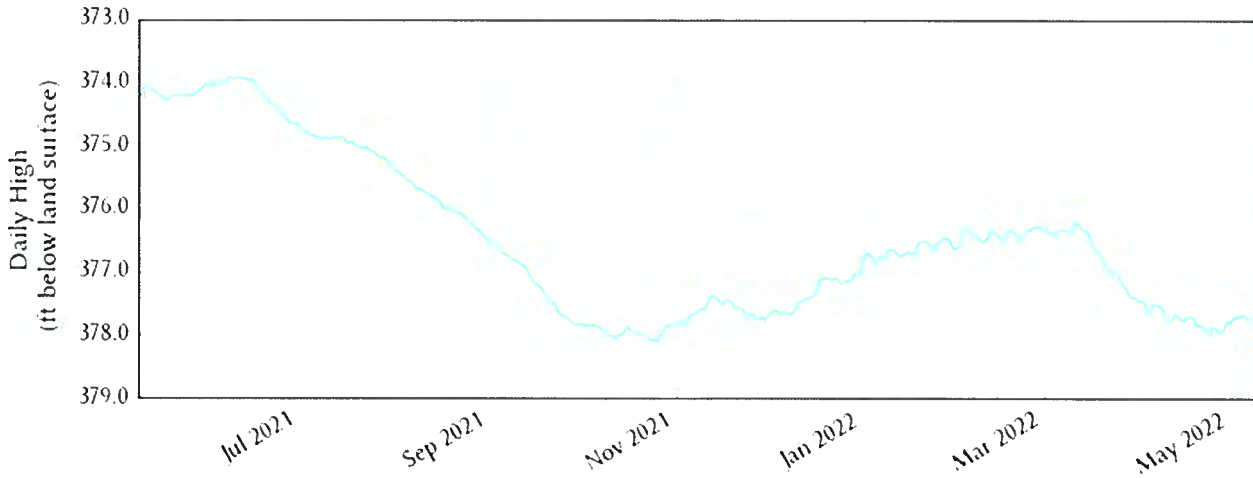
Last 30 Days

Water Level



1 Year

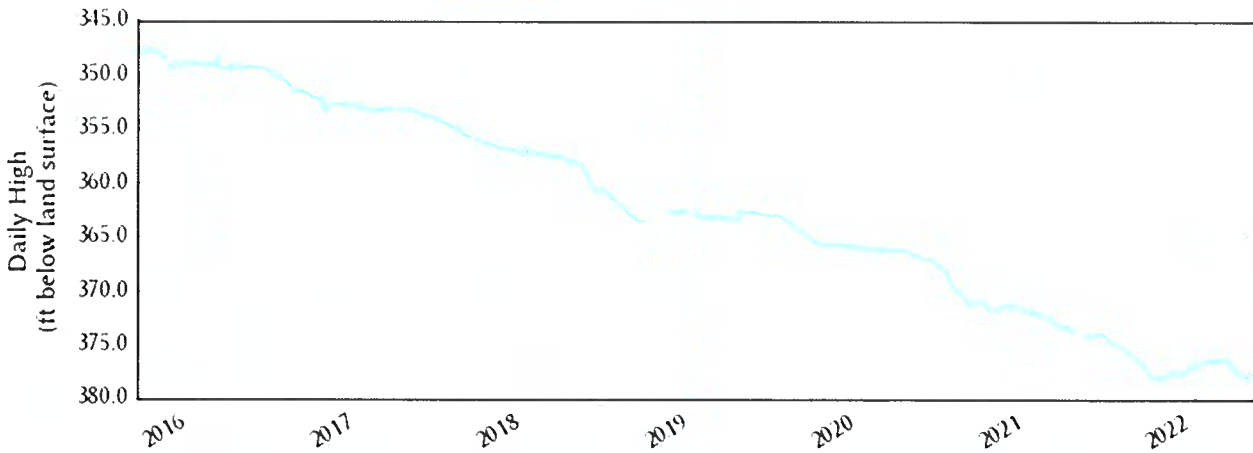
Water Level



Period Of Record

Water Level

Missing Data

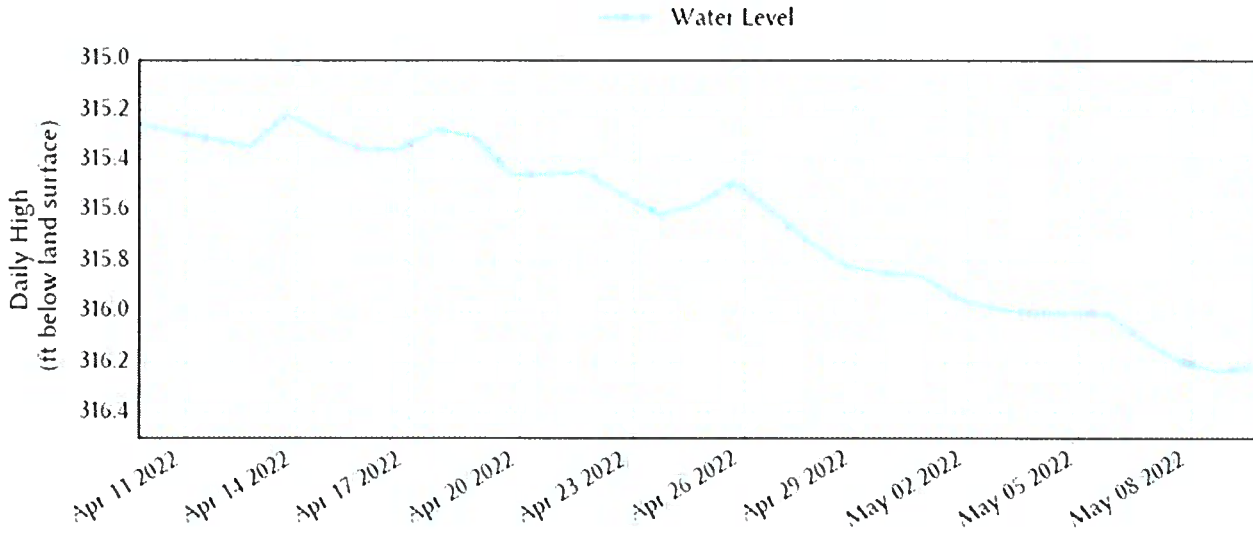


May 2022

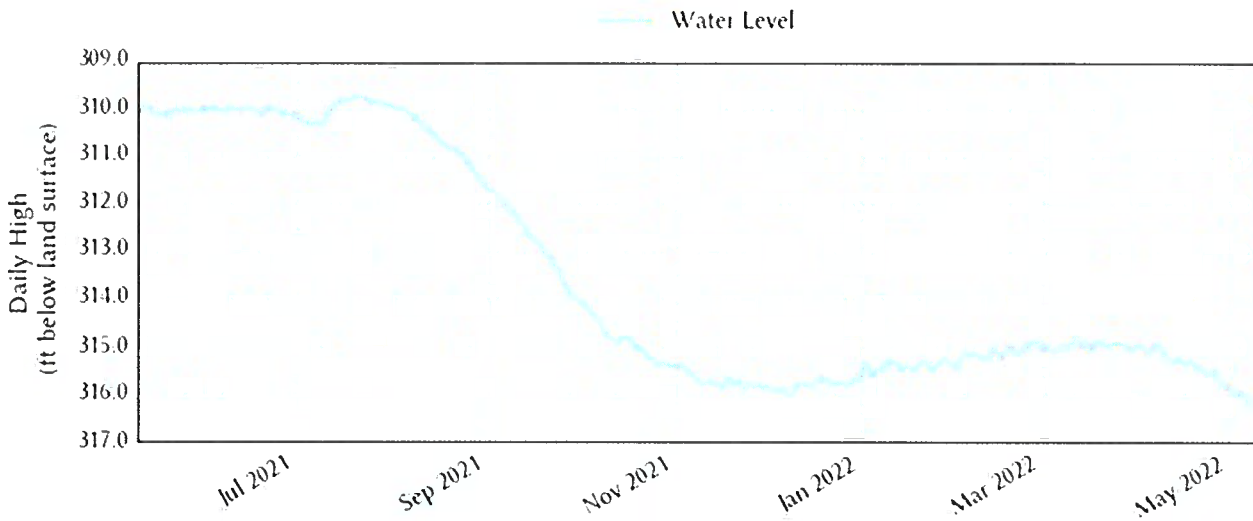
**Continuous Monitoring Well # 5802303
(Killeen - River Ridge Ranch Park Well #2)
Lower Trinity Aquifer**

Total Depth: 637 ft

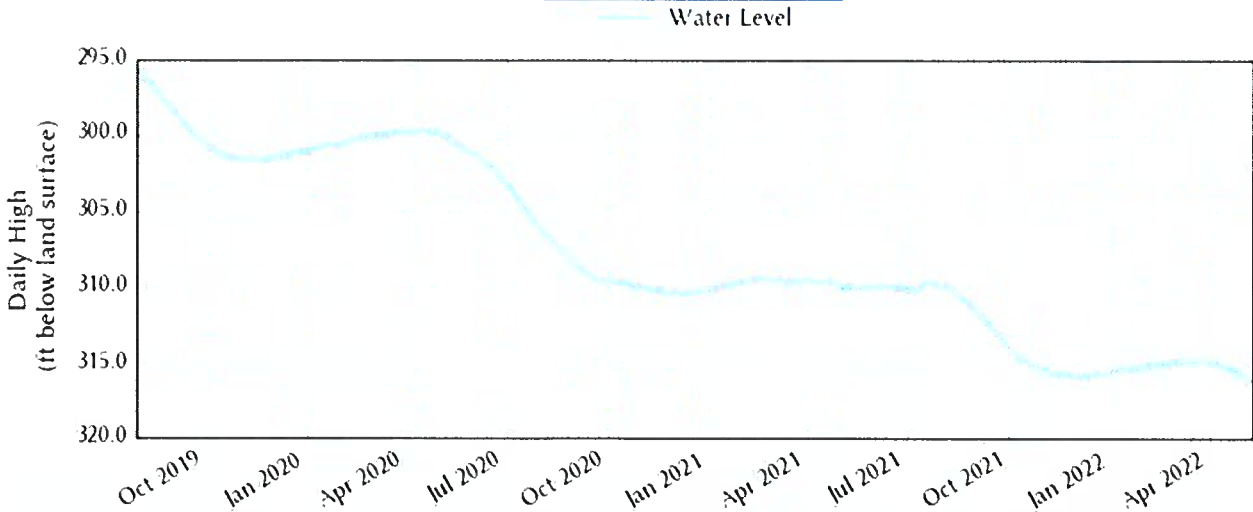
Last 30 Days



1 Year



Period Of Record



May 2022

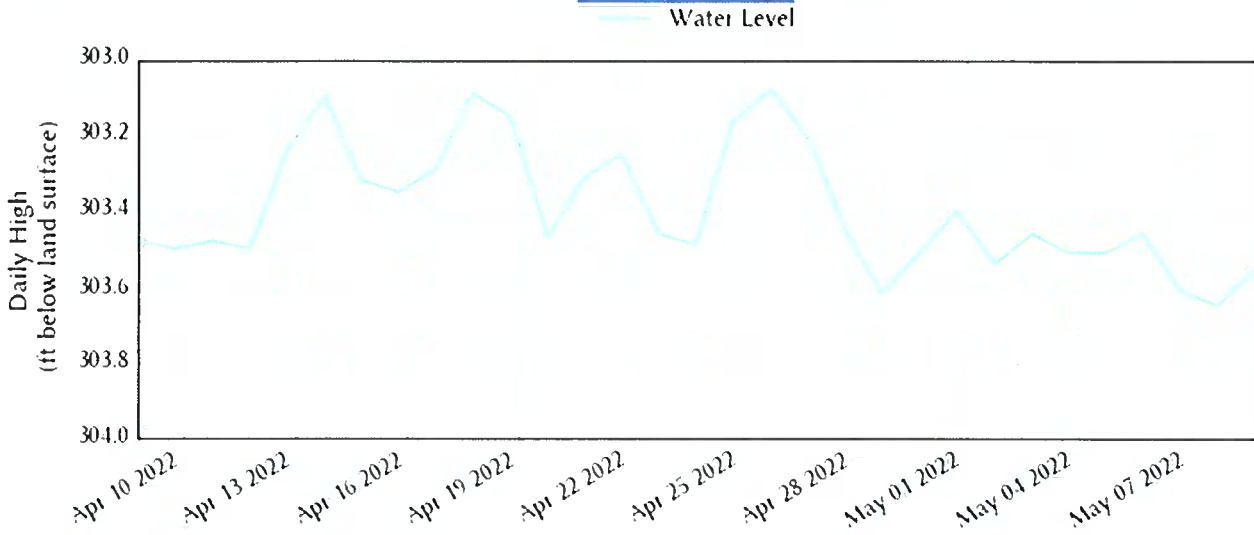
Continuous Monitoring Well # 4057602

(Copperas Cove)

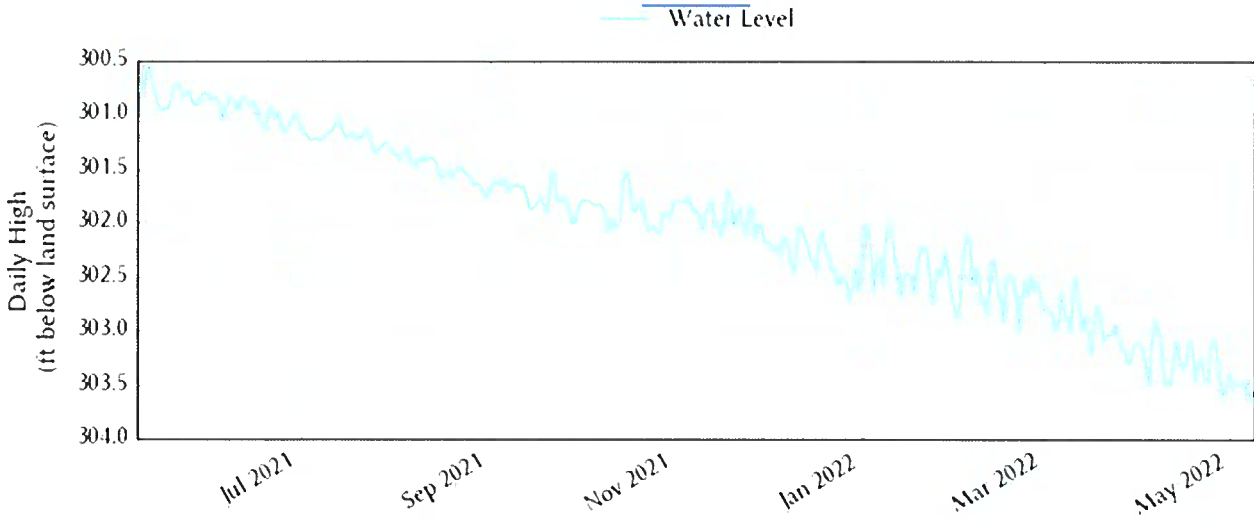
Lower Trinity Aquifer

Total Depth: 629 ft.

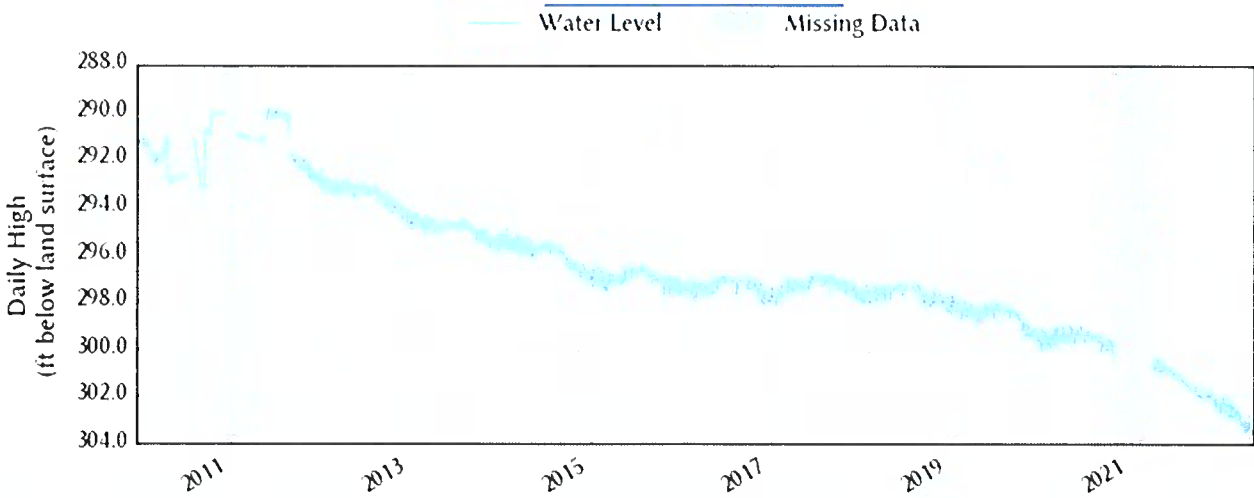
Last 30 Days



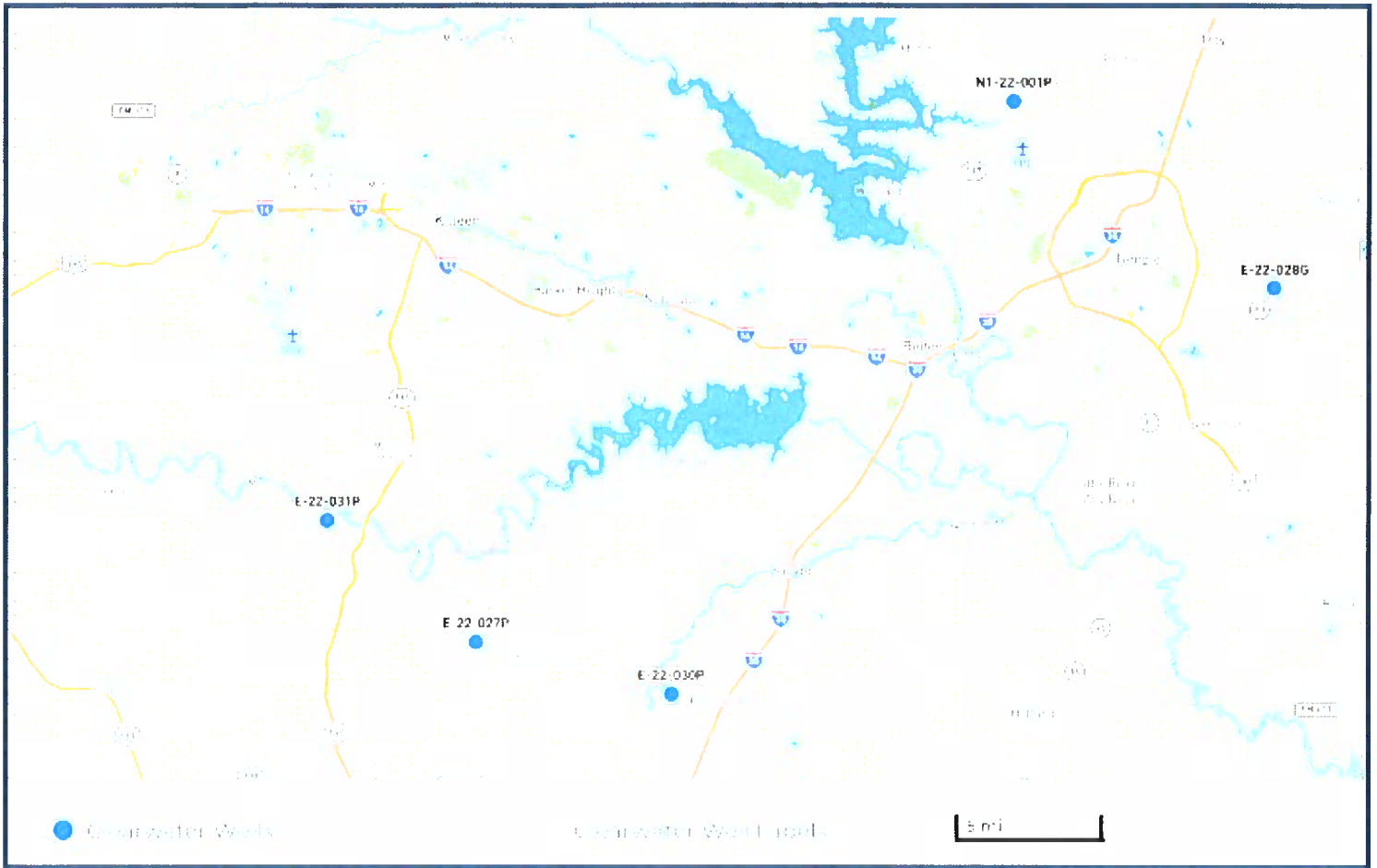
1 Year



Period Of Record



Well Registrations - April 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-22-027P	Jason Clemens	21500 FireFly	Florence	Lower Trinity	840	Domestic	Proposed
E-22-028G	Eric & Fancy Jezek	1066 Field Rd	Temple	Alluvium	25	Domestic	Active
E-22-029G	Eric & Fancy Jezek	1066 Field Rd	Temple	Alluvium	25	Not Used	Inactive
E-22-030P	Paul & Janet Jordan	PO Box 189	Salado	Edwards (BFZ)	150	Domestic	Proposed
E-22-031P	Traci Hanson	122 Crestwood	Killeen	Lower Trinity	620	Domestic	Proposed
N1-22-001P	Bjorn Dahl	13115 State Hwy 317	Temple	Middle Trinity	1080	Domestic	Proposed

Well Registration Totals - April 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								0
June								0
July								0
Aug								0
Sep								0
Oct								0
Nov								0
Dec								0
Total 2022	4	27	0	1	3	0	0	35
Grand Totals	4450	1161	106	42	73	26	121	5979

Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells			Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Water	Envr	
2002-Present	4450	1161	106	42	73	26	121	5979
Never Drilled	N/A	-27	N/A	-3	-4	0	-1	-35
Plugged	-203	-42	-18	-2	-1	-2	-53	-321
Totals	4247	1092	88	37	68	24	67	5623