



Clearwater Underground Water Conservation District

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Clearwater Staff Reports

April 13, 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

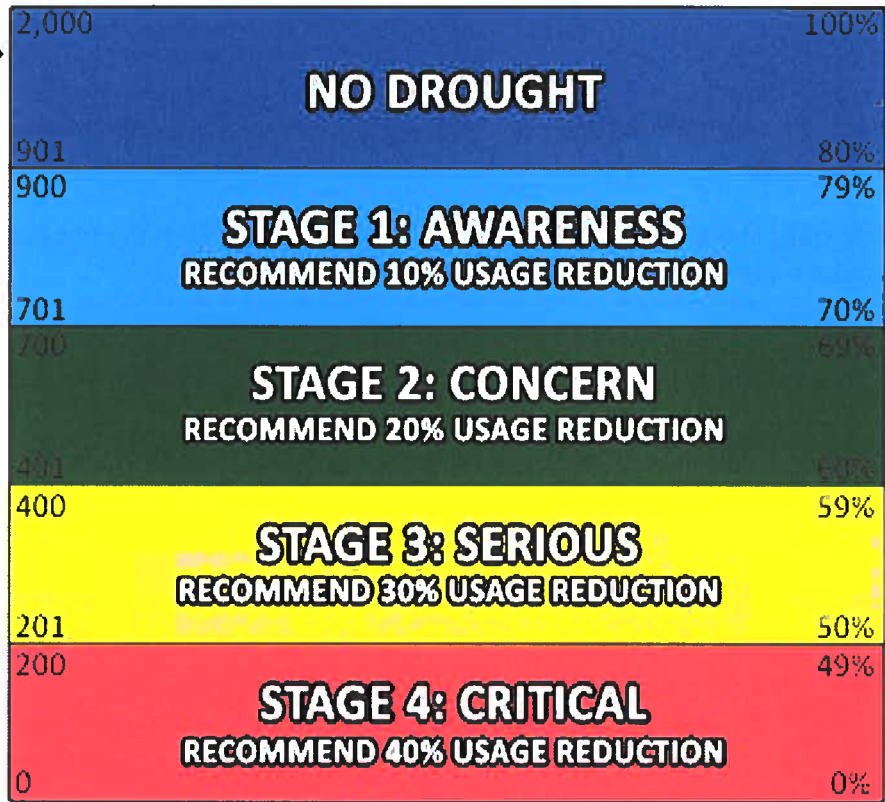
NO DROUGHT

918.74 ac-ft (month)
15.44 cfs

35.338 PDI
107.08 %

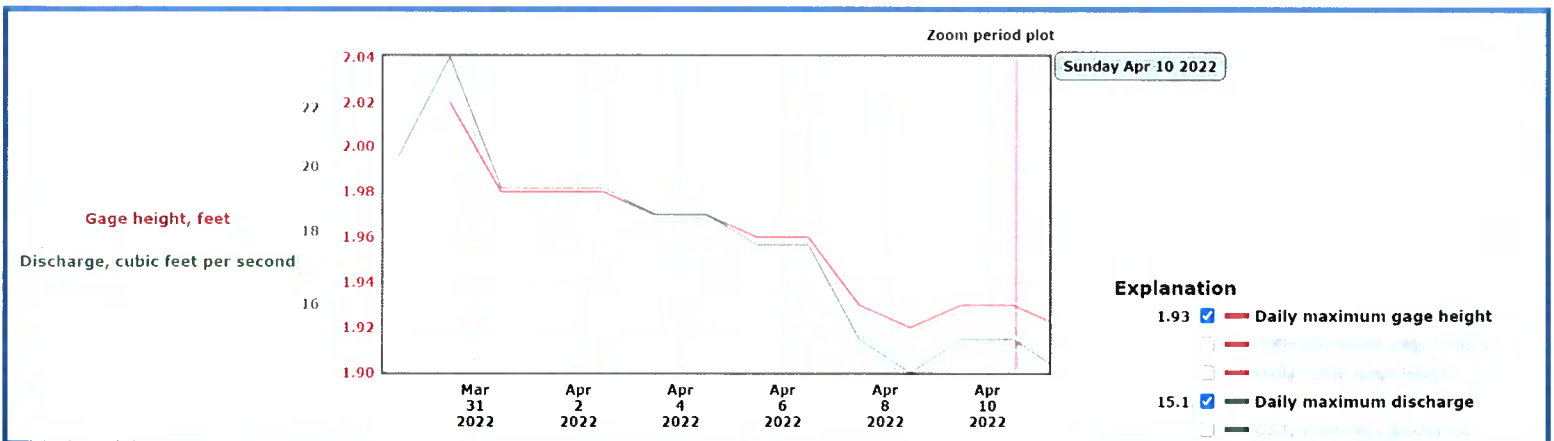
Salado Creek
Spring Discharge

AS OF 4/10/2022



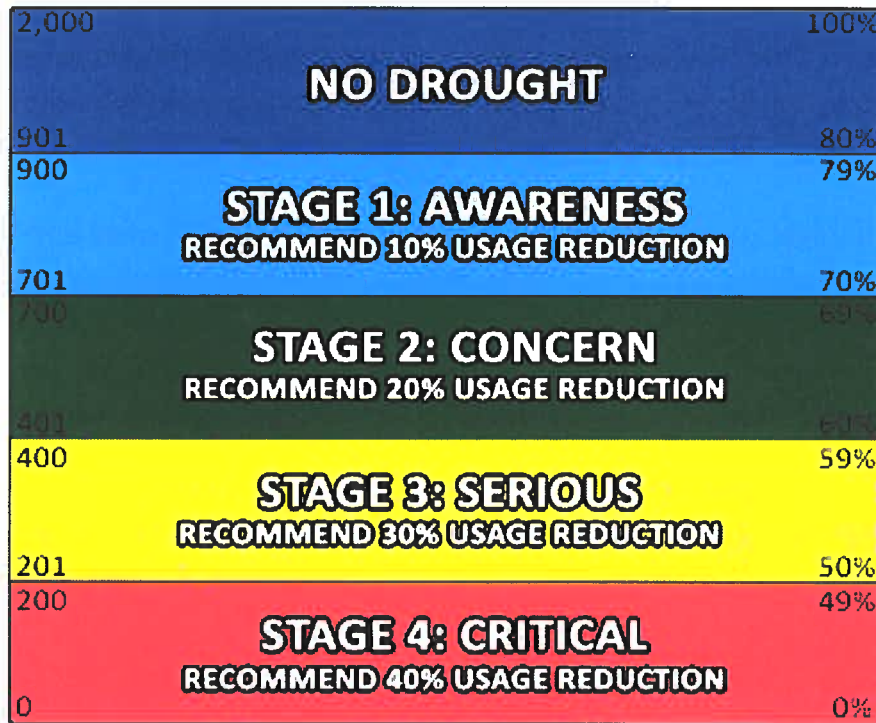
Precipitation Deficit Index (PDI)

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



Trinity Aquifer—Drought Status Report

NO DROUGHT

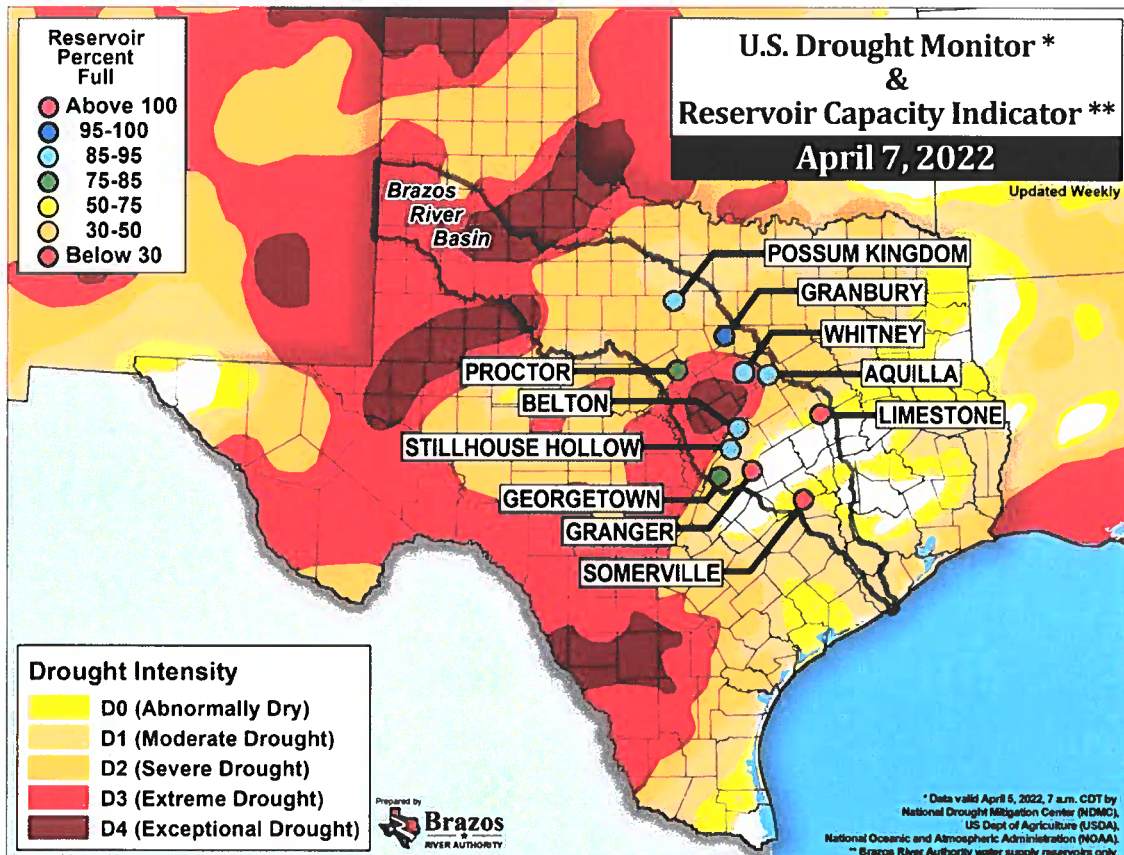


33.873 PDI
102.65%

Precipitation Deficit Index (PDI)

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

AS OF 4/10/2022





Education Outreach Highlights 4/13/22

- 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).**

- 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.

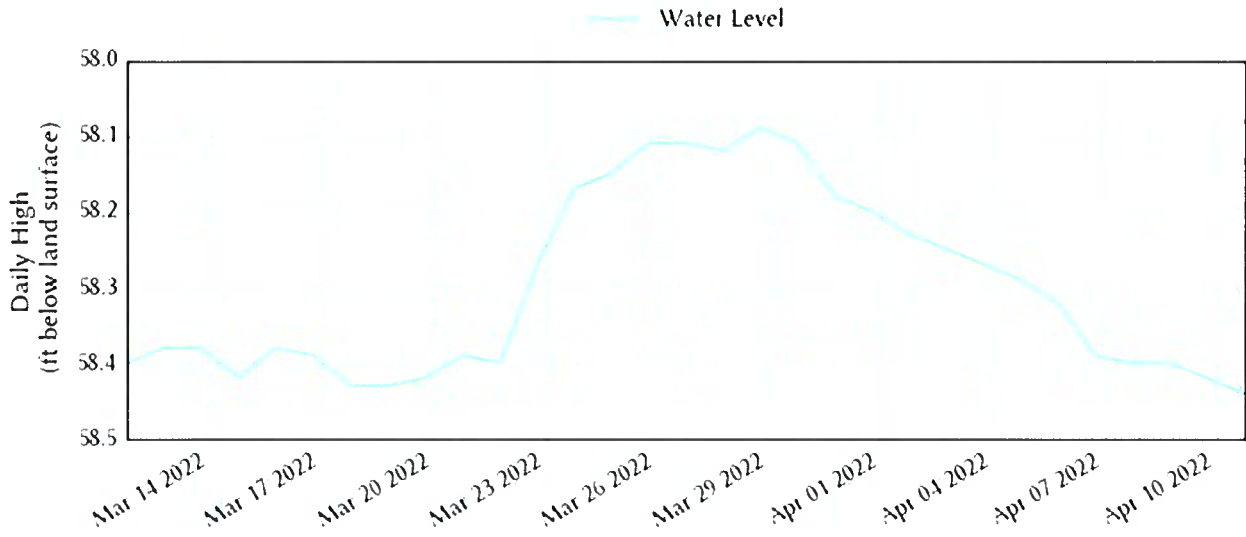
- 4. Improve Annual Reporting accuracy and timeliness per State-mandated Legislation and Management Plan. Goals and objectives in the Management Plan (A:1,2,3,4; B; C; D; E; F; g pages 22-26).**

- Final version of the 2021 Annual Report will be presented at the April 13th Board Meeting.

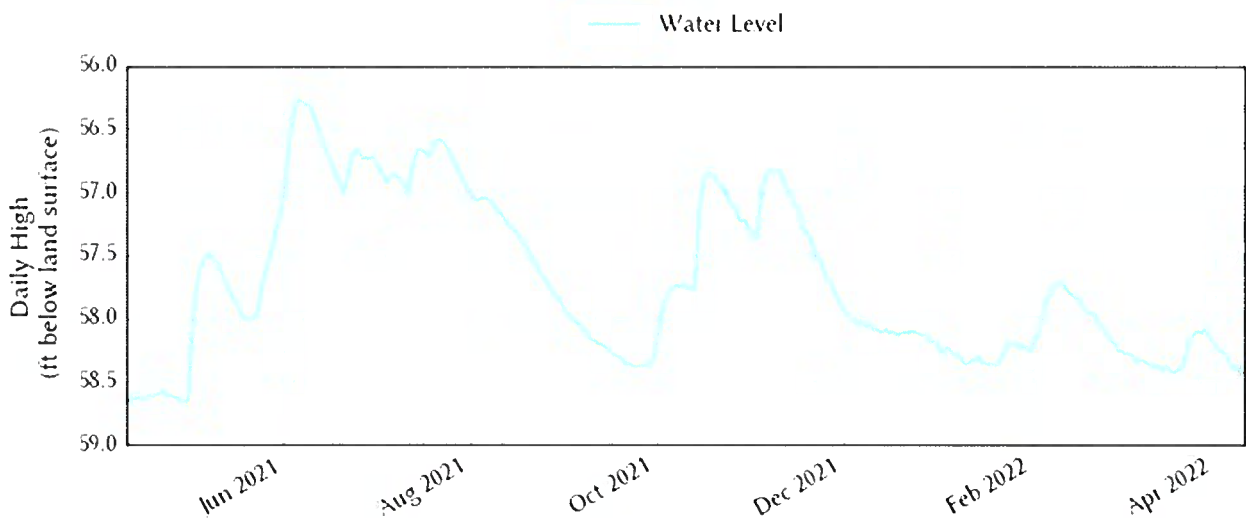
April 2022

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

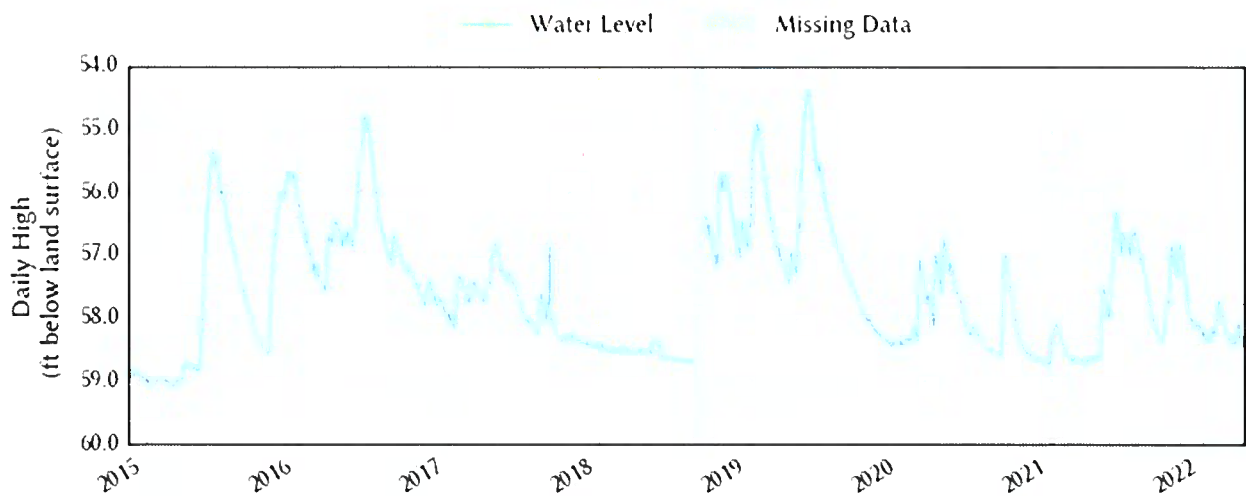
Last 30 Days



1 Year



Period Of Record

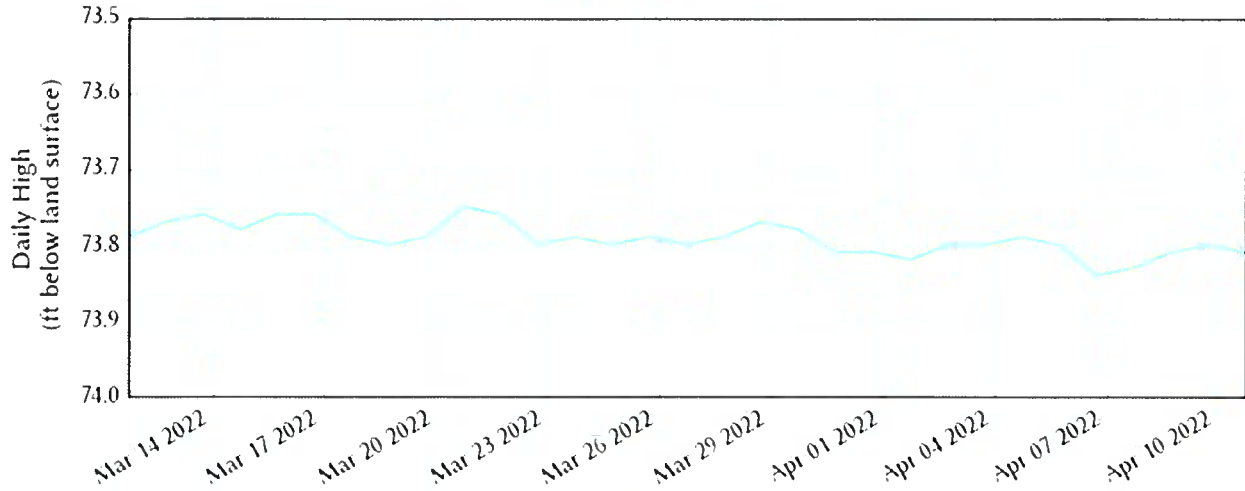


April 2022

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

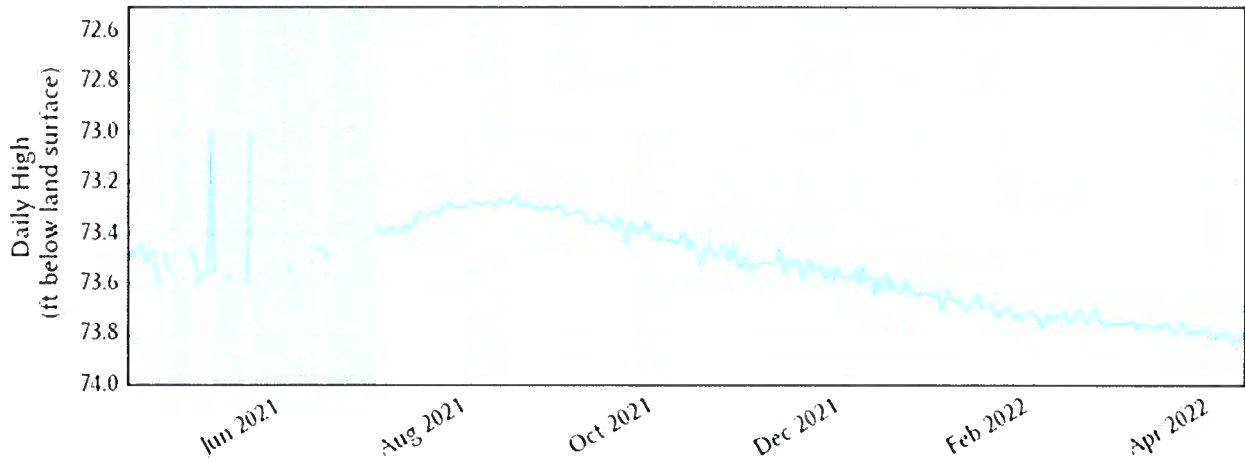
Last 30 Days

Water Level



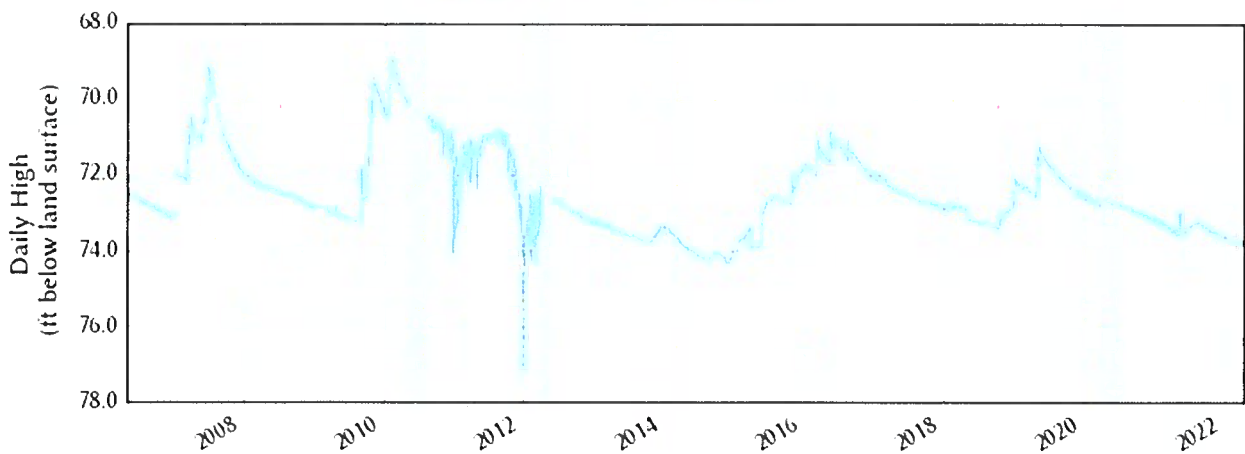
1 Year

Water Level Missing Data



Period Of Record

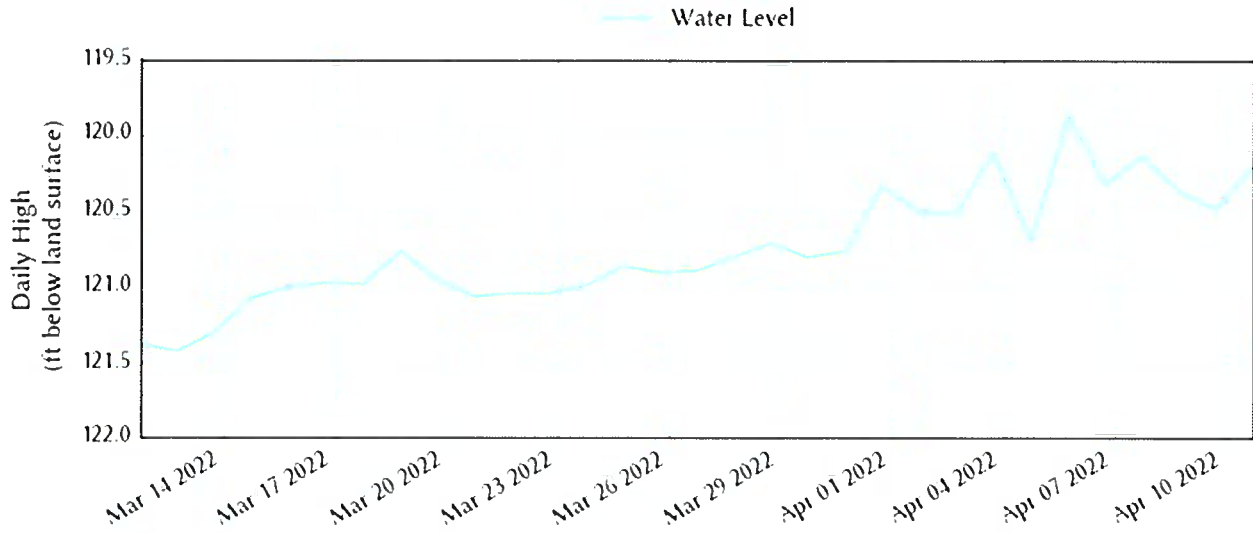
Water Level Missing Data



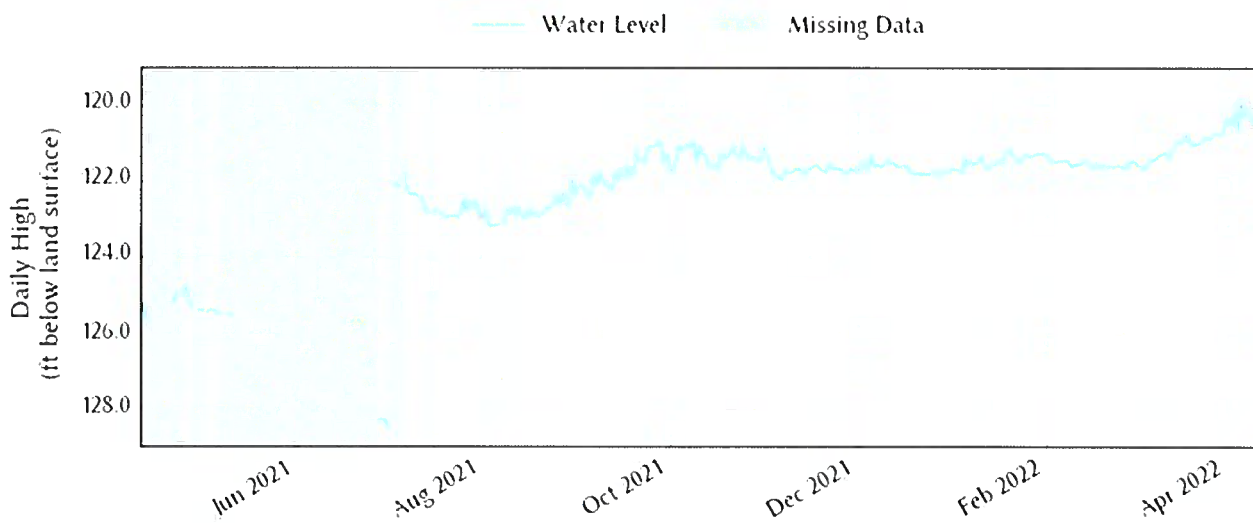
April 2022

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

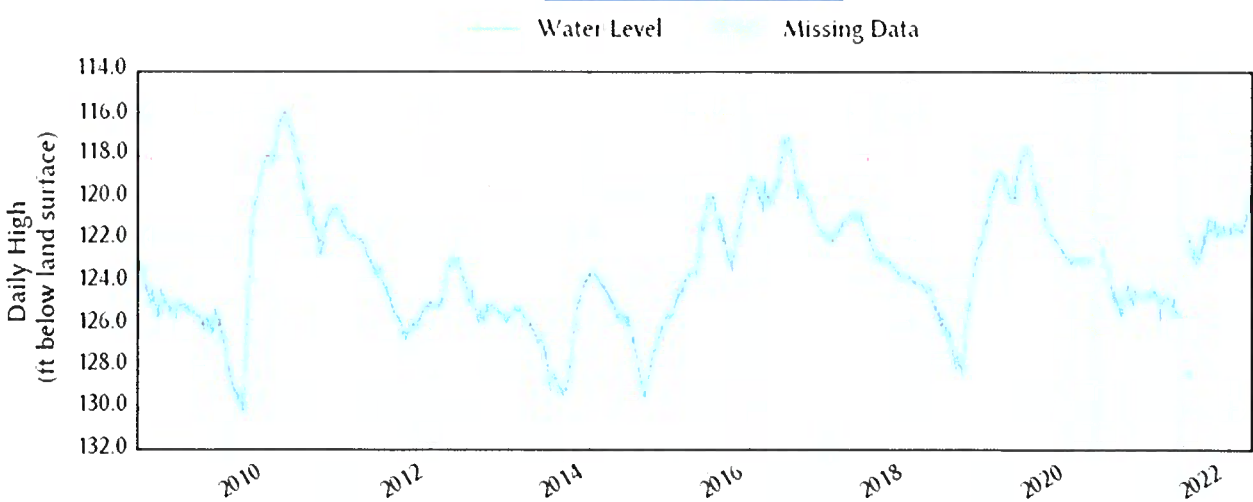
Last 30 Days



1 Year



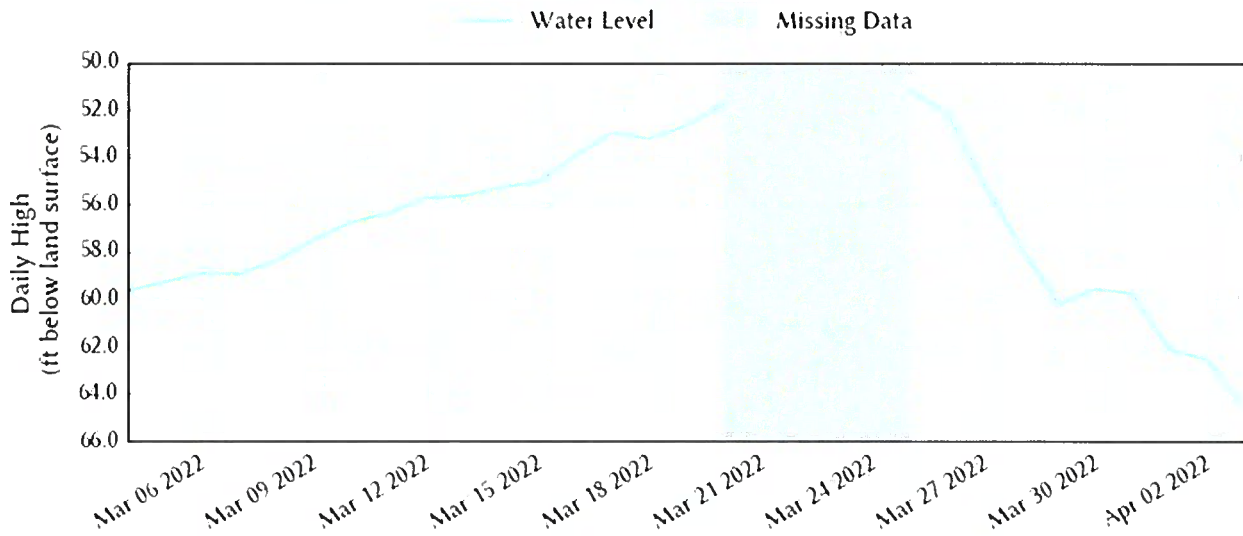
Period Of Record



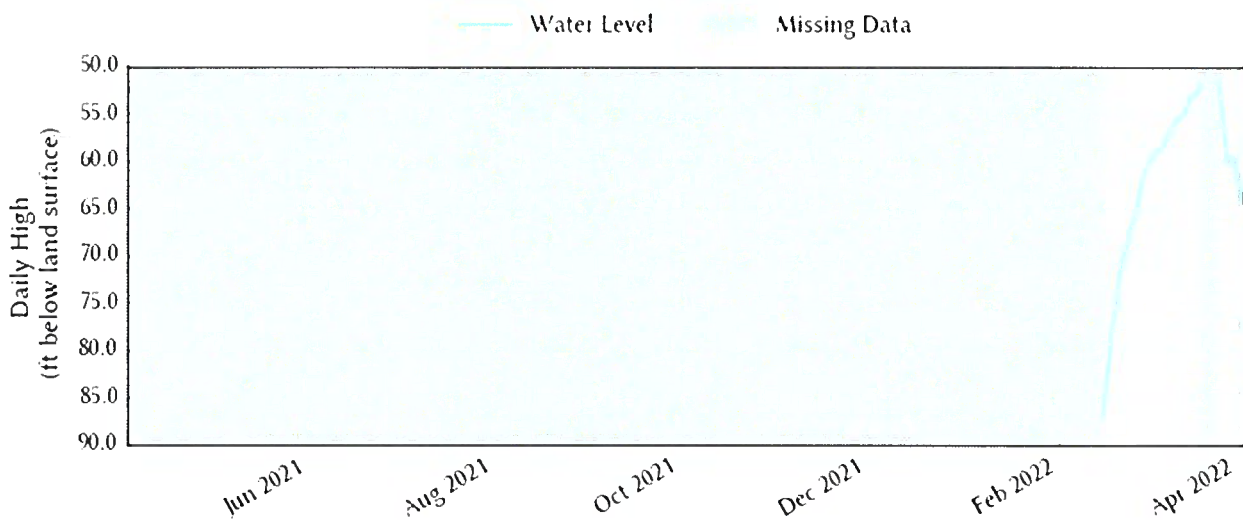
April 2022

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

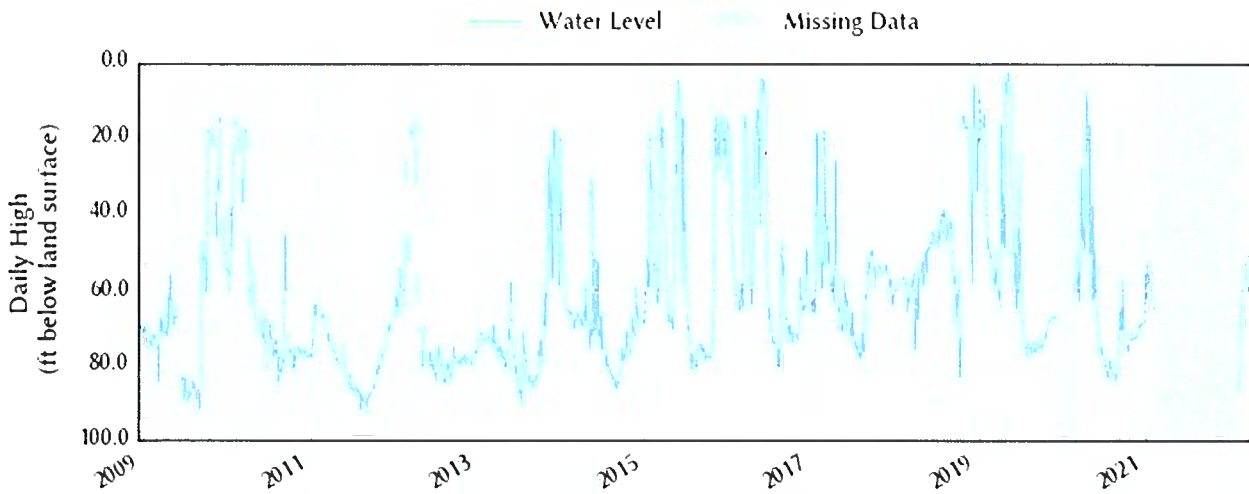
Last 30 Days



1 Year



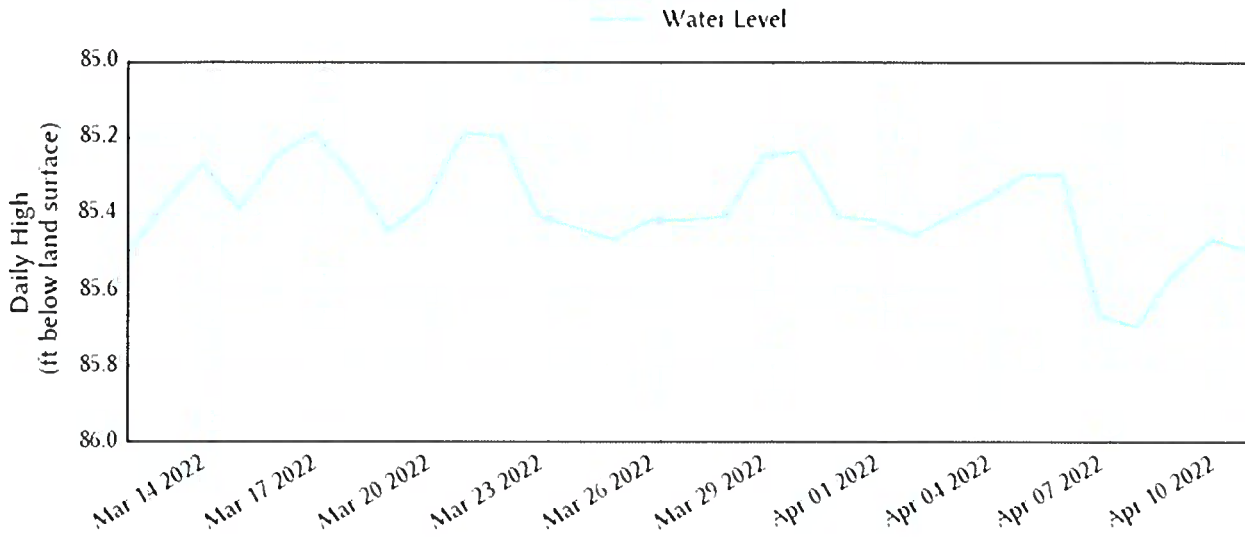
Period Of Record



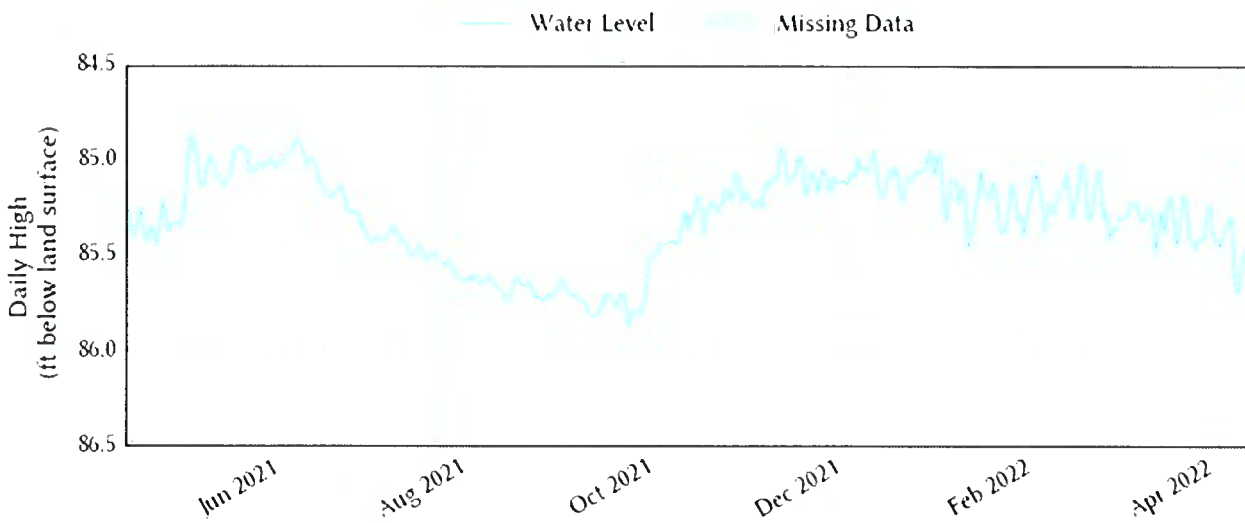
April 2022

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

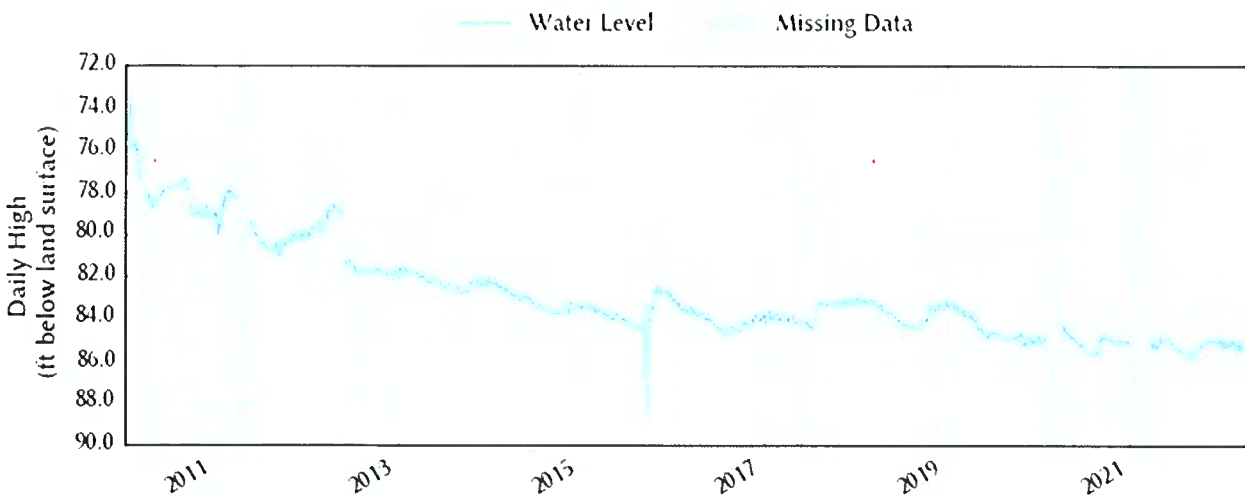
Last 30 Days



1 Year

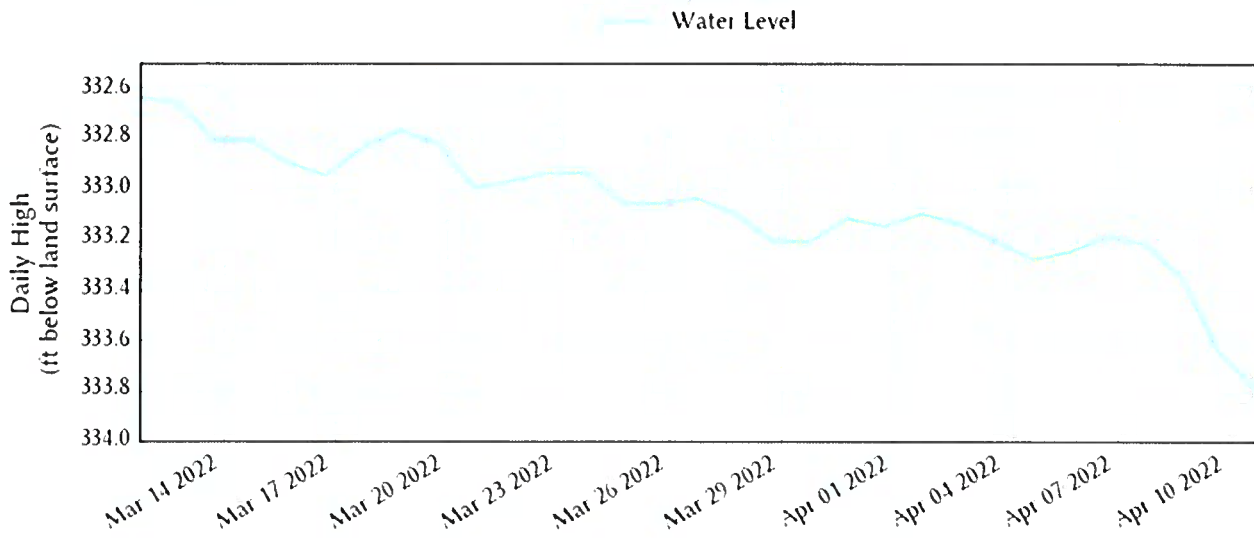


Period Of Record

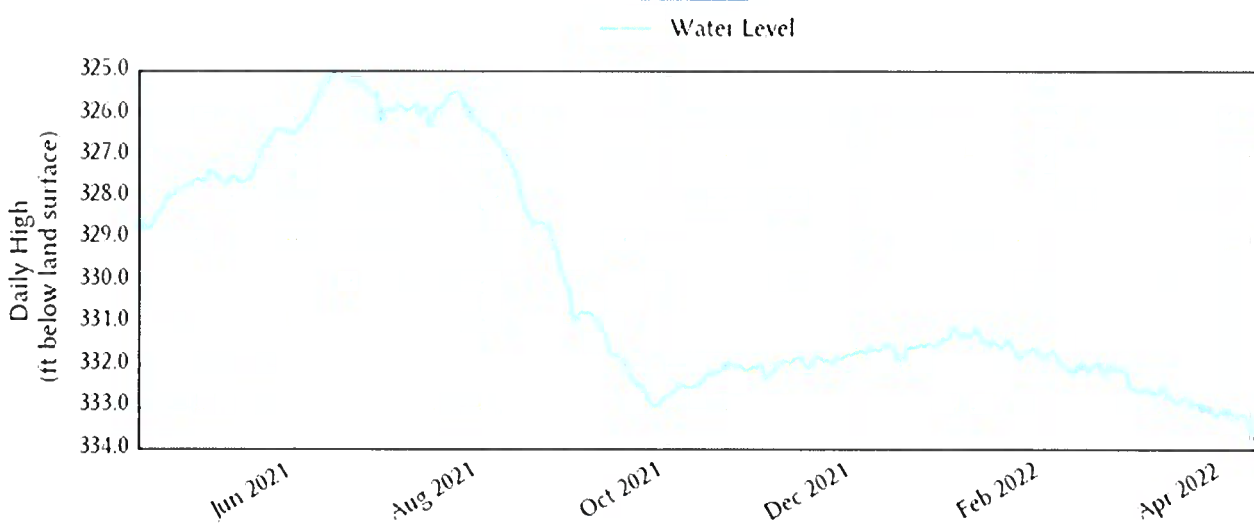


Continuous Monitoring Well # 4057601
(Copperas Cove)
Middle Trinity Aquifer

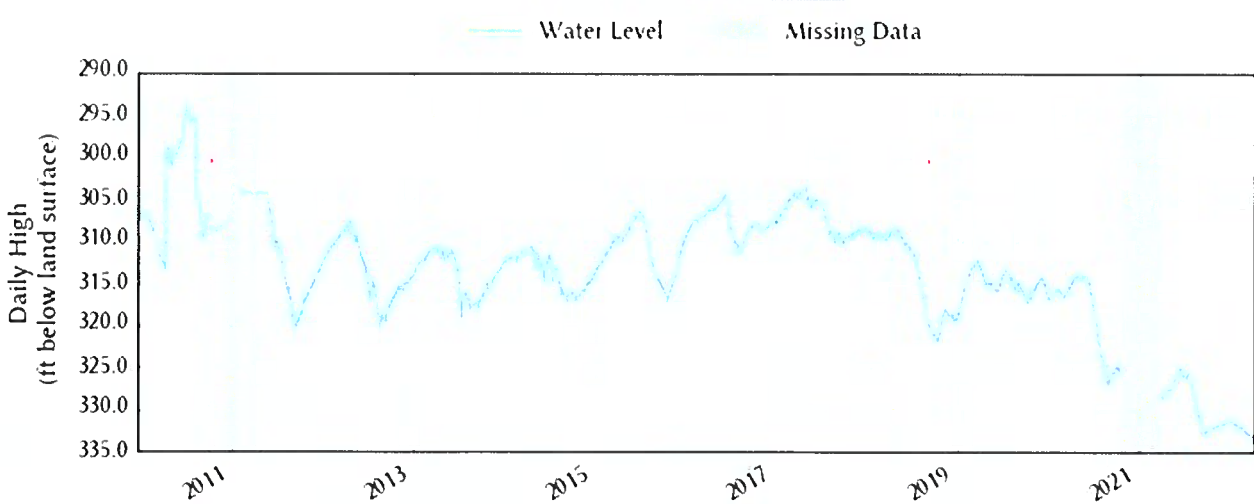
Last 30 Days



1 Year



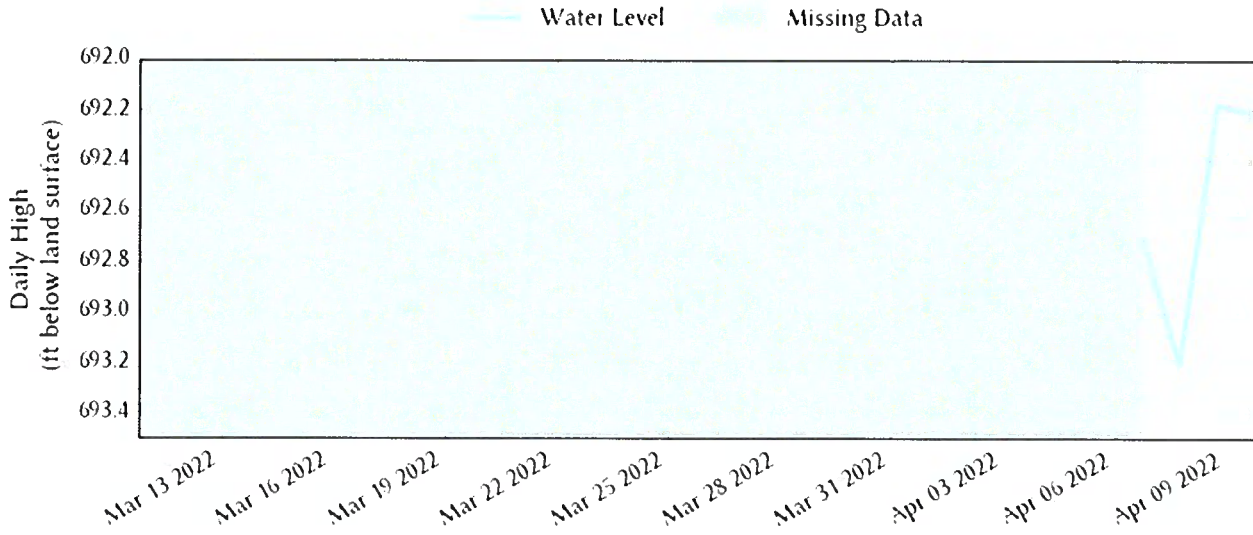
Period Of Record



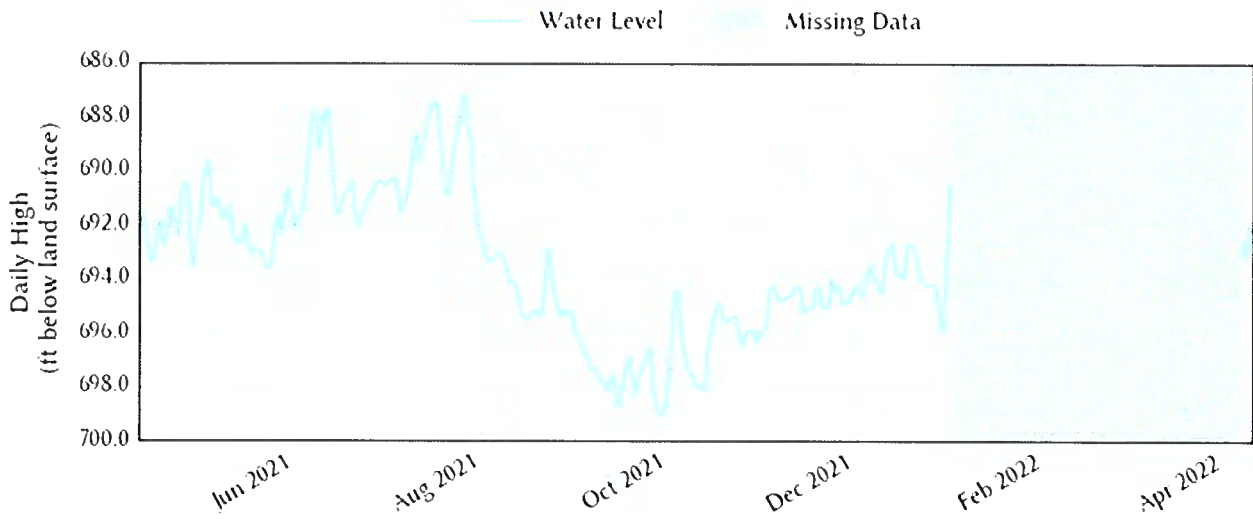
April 2022

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

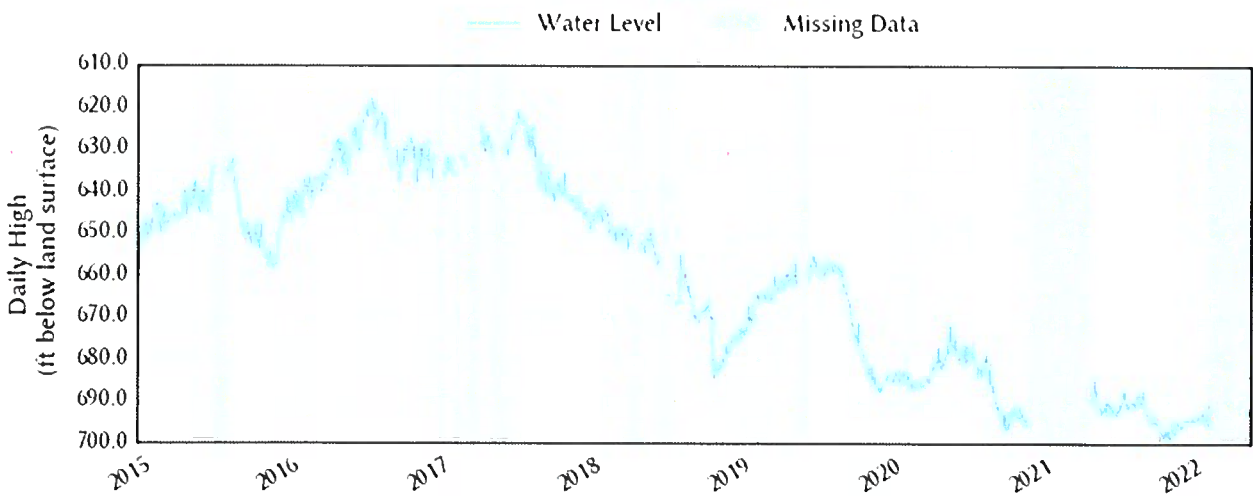
Last 30 Days



1 Year



Period Of Record

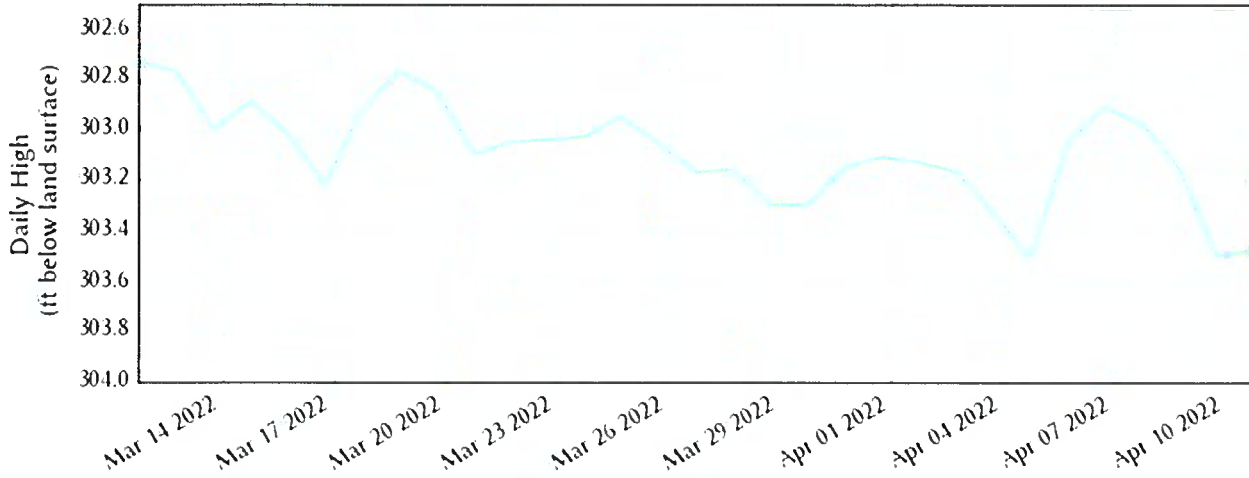


April 2022

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

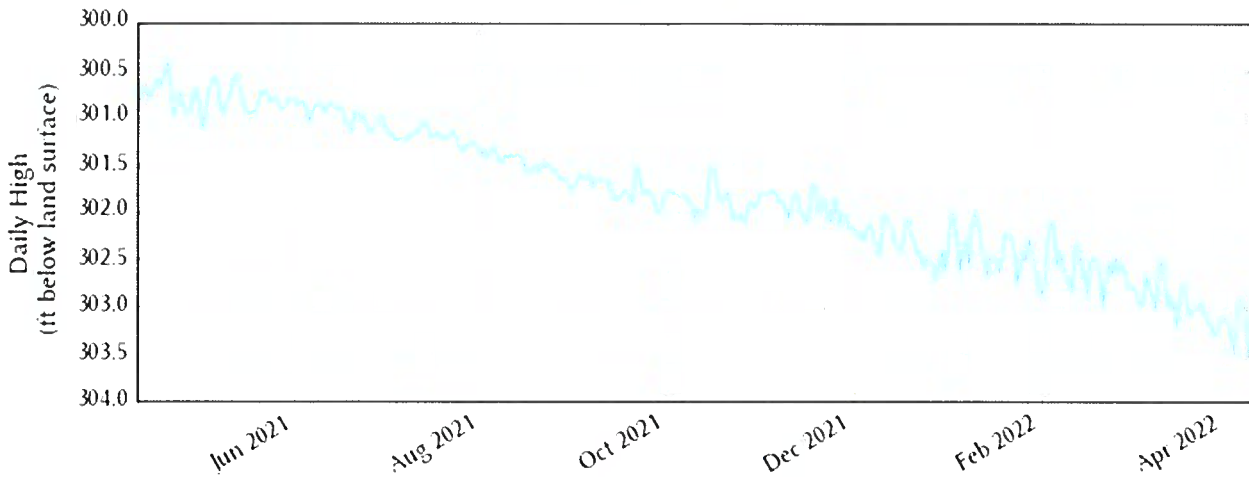
Last 30 Days

Water Level



1 Year

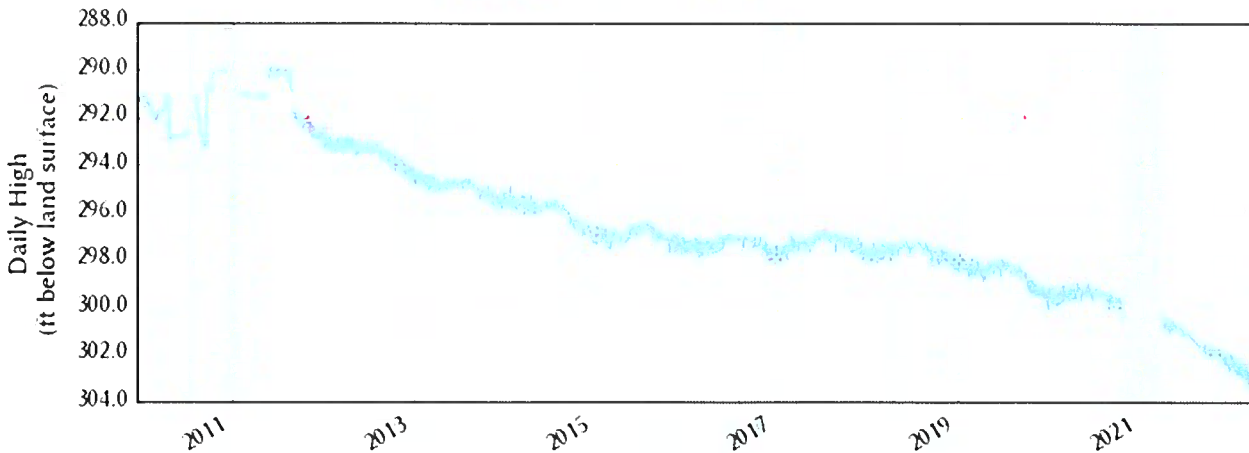
Water Level



Period Of Record

Water Level

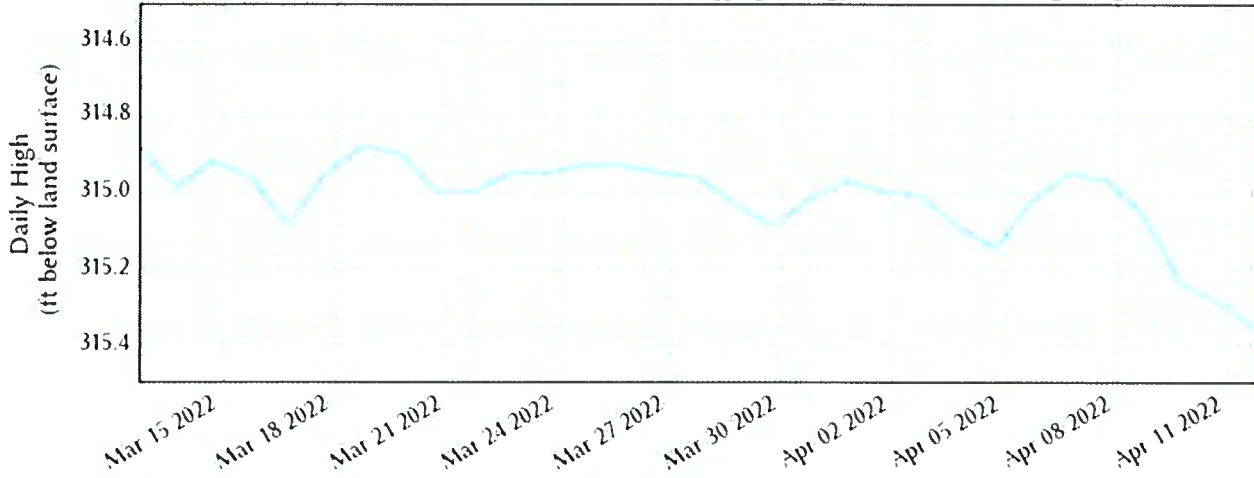
Missing Data



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

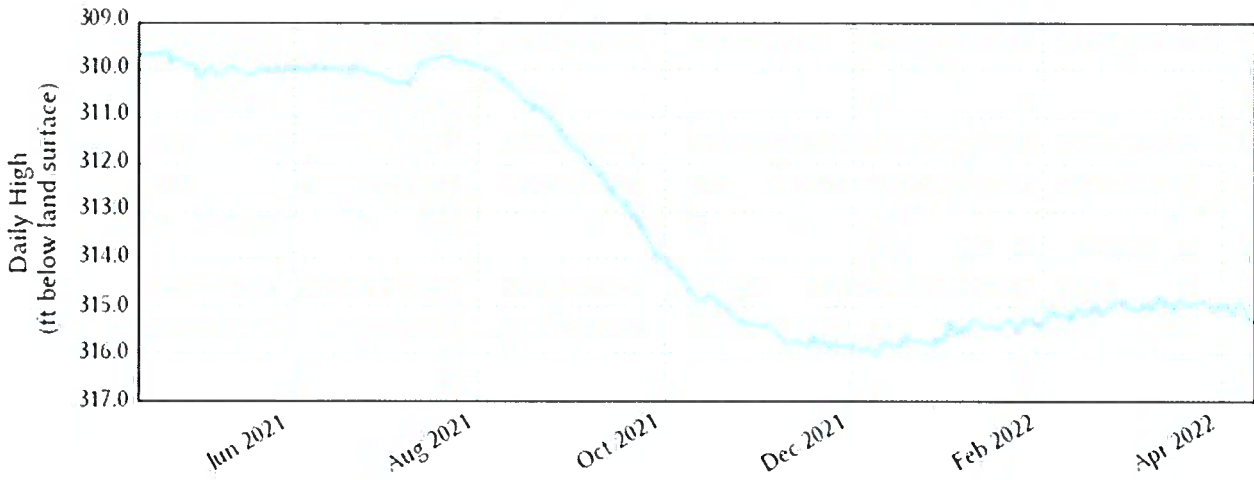
Last 30 Days

Water Level



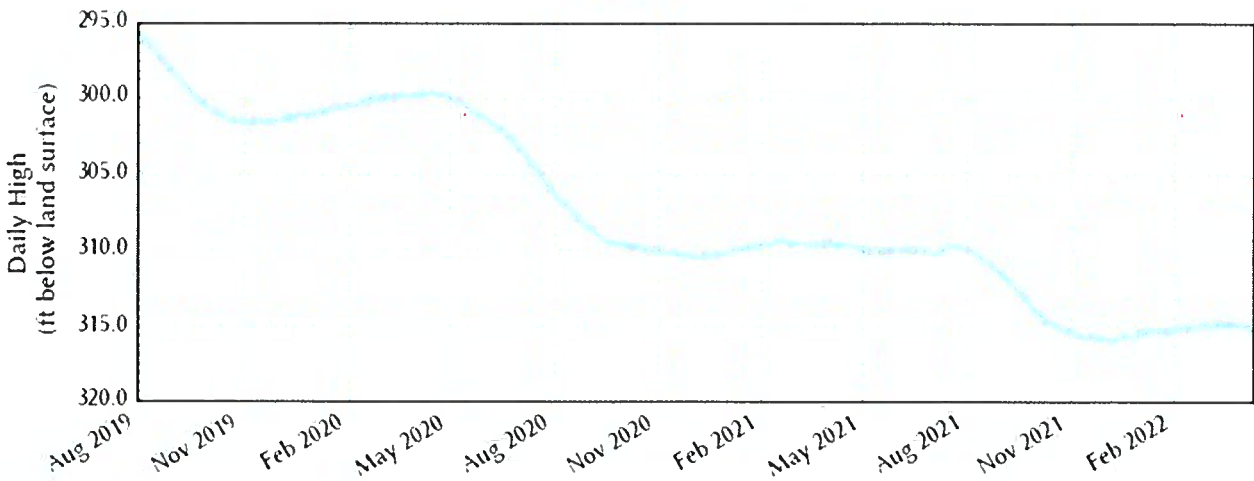
1 Year

Water Level



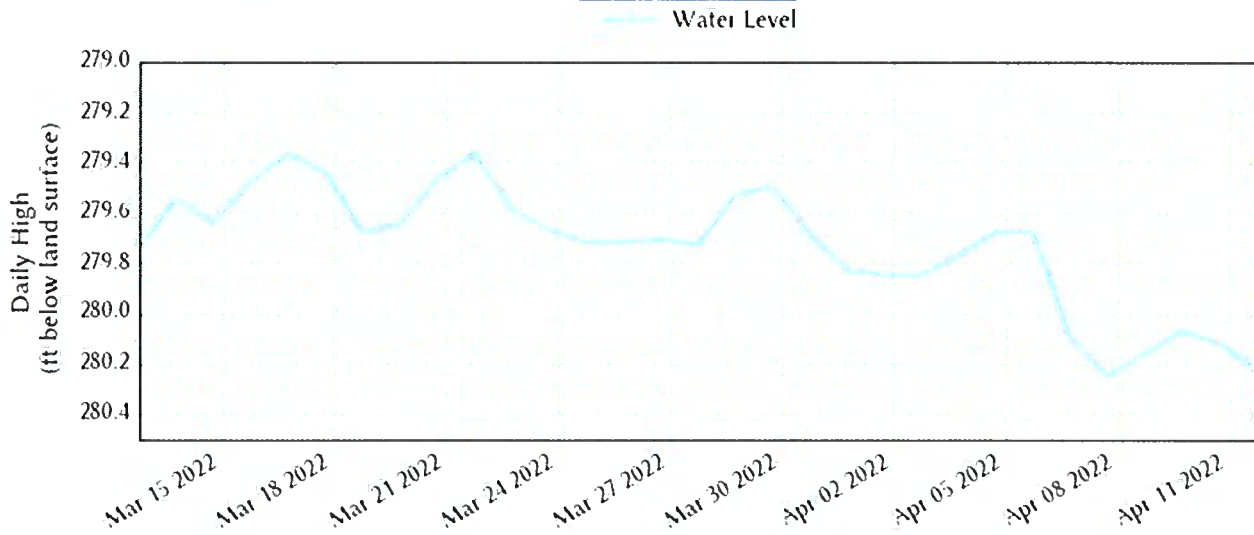
Period Of Record

Water Level

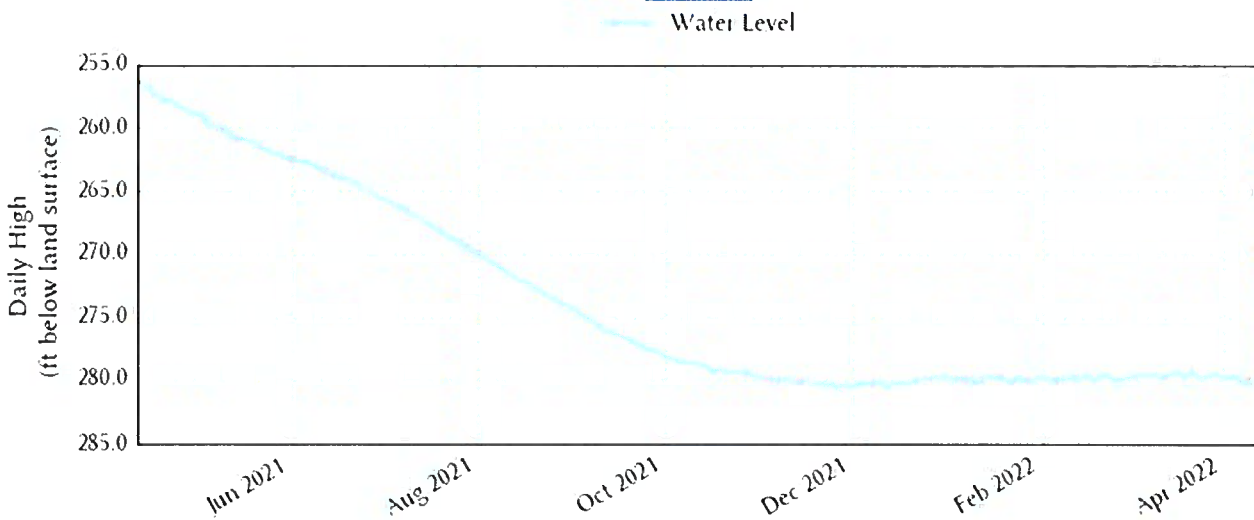


Continuous Monitoring Well # 4061509
(Temple - Pea Ridge Well)
Lower Trinity Aquifer

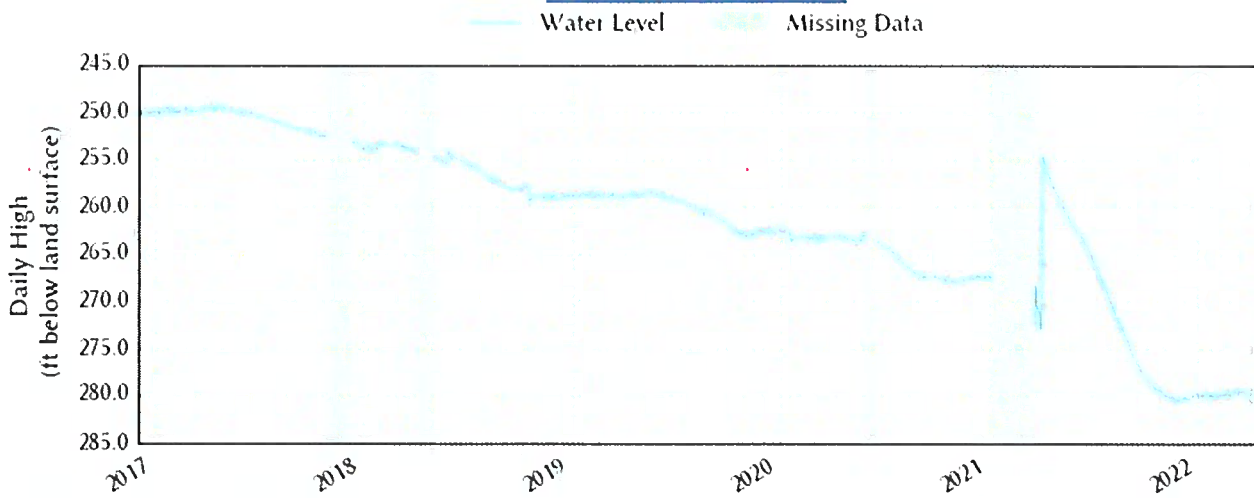
Last 30 Days



1 Year

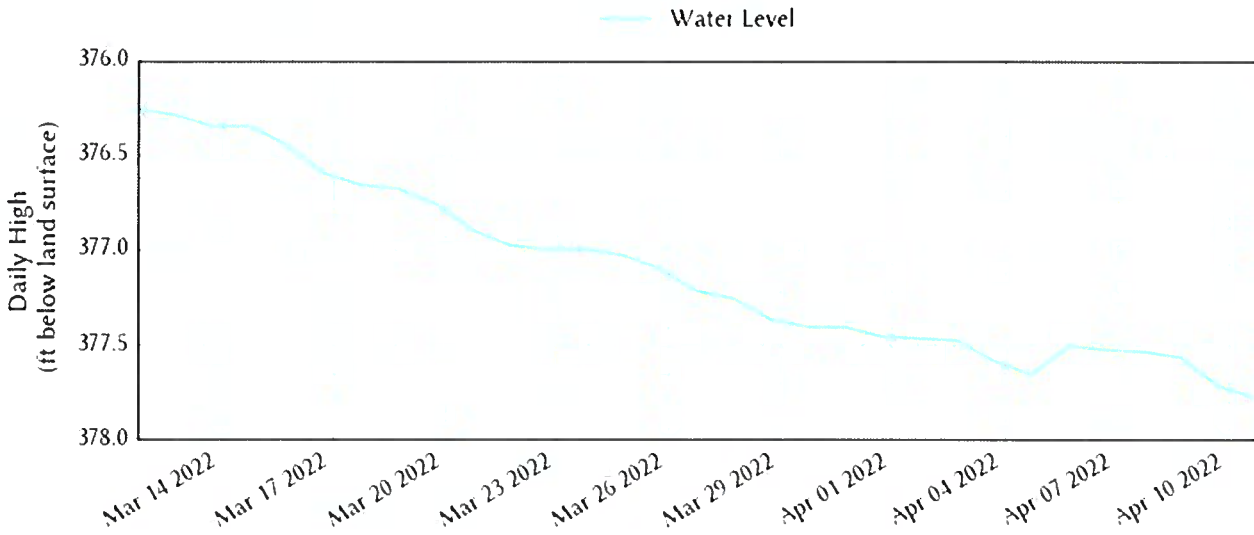


Period Of Record

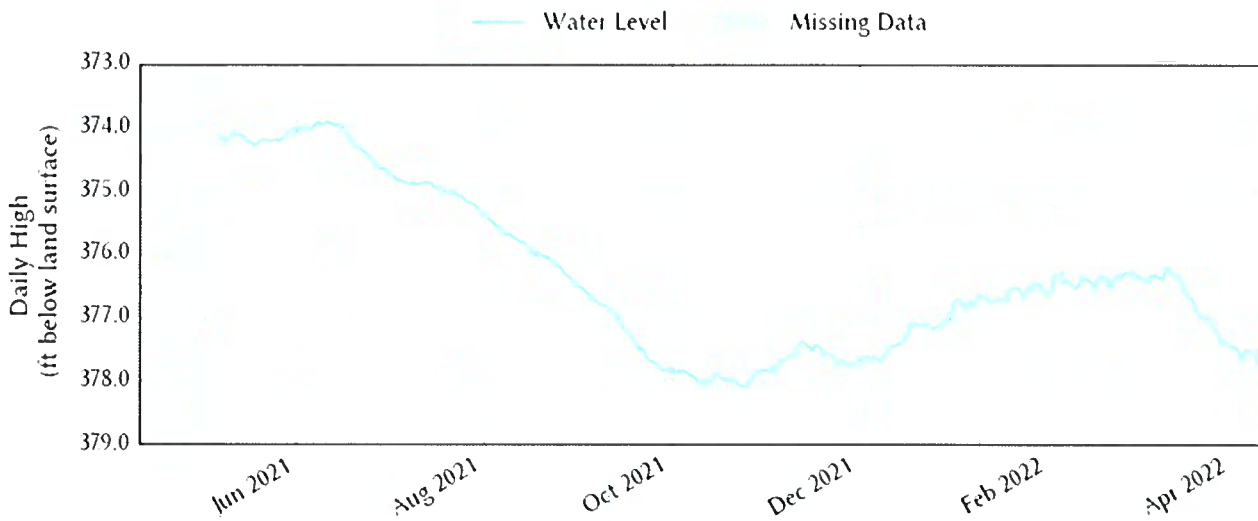


Continuous Monitoring Well # 4062501
(Temple - Acres Well)
Lower Trinity Aquifer

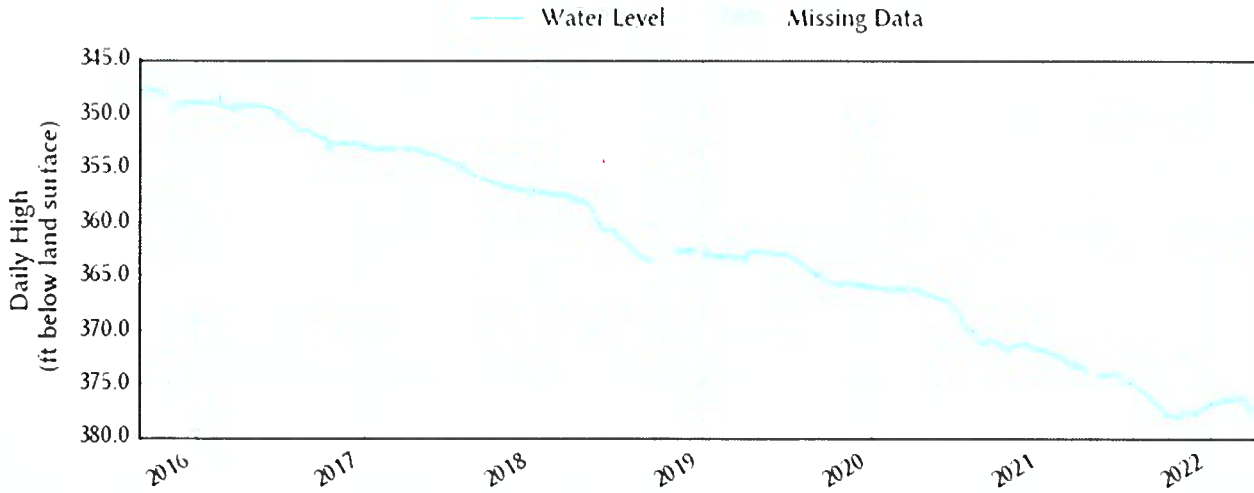
Last 30 Days



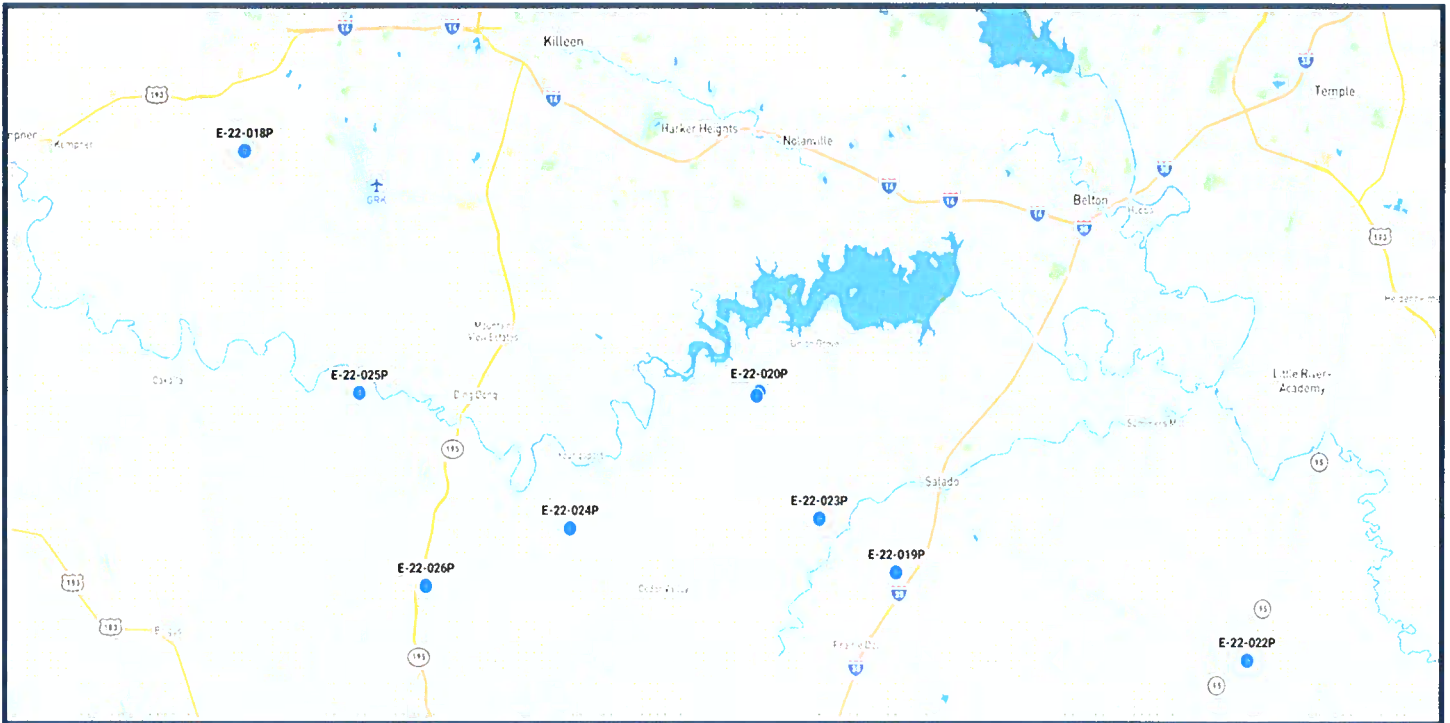
1 Year



Period Of Record



Well Registrations - March 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-22-018P	Loya	508 Pomo Trl	Harker Hts	Middle Trinity	420	Domestic	Proposed
E-22-019P	Curry	808 Baines St	Salado	Edwards (BFZ)	160	Domestic	Proposed
E-22-020P	Beene	12321 Eagle Nest Rd	Salado	Middle Trinity	850	Domestic	Proposed
E-22-021P	Balkum	12329 Eagle Nest Rd	Salado	Middle Trinity	830	Domestic	Proposed
E-22-022P	Wiley	12409 E Travis Rd	Holland	Alluvium	60	Domestic	Proposed
E-22-023P	Fisher	1186 Pin Oak	Salado	Undeclared	880	Domestic	Proposed
E-22-024P	Floyd	18050 Stillman Valley	Killeen	Middle Trinity	600	Domestic	Proposed
E-22-025P	Garcia	Wolfridge Rd	Killeen	Middle Trinity	440	Domestic	Proposed
E-22-026P	Cox	21559 State HWY 195	Killeen	Middle Trinity	560	Domestic	Proposed

Well Registration Totals - March 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
Apr								0
May								0
June								0
July								0
Aug								0
Sep								0
Oct								0
Nov								0
Dec								0
Total 2022	2	24	0	0	3	0	0	29
Grand Totals	4448	1158	106	41	73	26	121	5973

Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells			Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Water	Envr	
2002-Present	4448	1158	106	41	73	26	121	5973
Never Drilled	N/A	-27	N/A	-3	-4	0	-1	-35
Plugged	-203	-42	-18	-2	-1	-2	-53	-321
Totals	4245	1089	88	36	68	24	67	5617