



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*

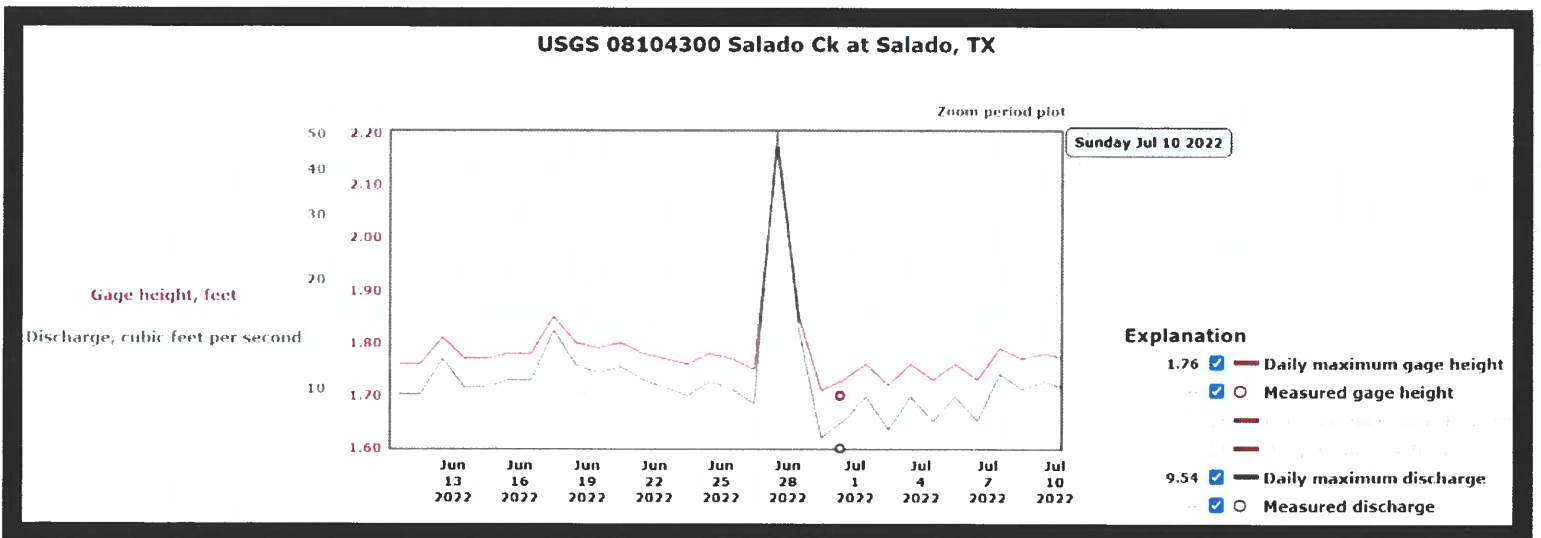
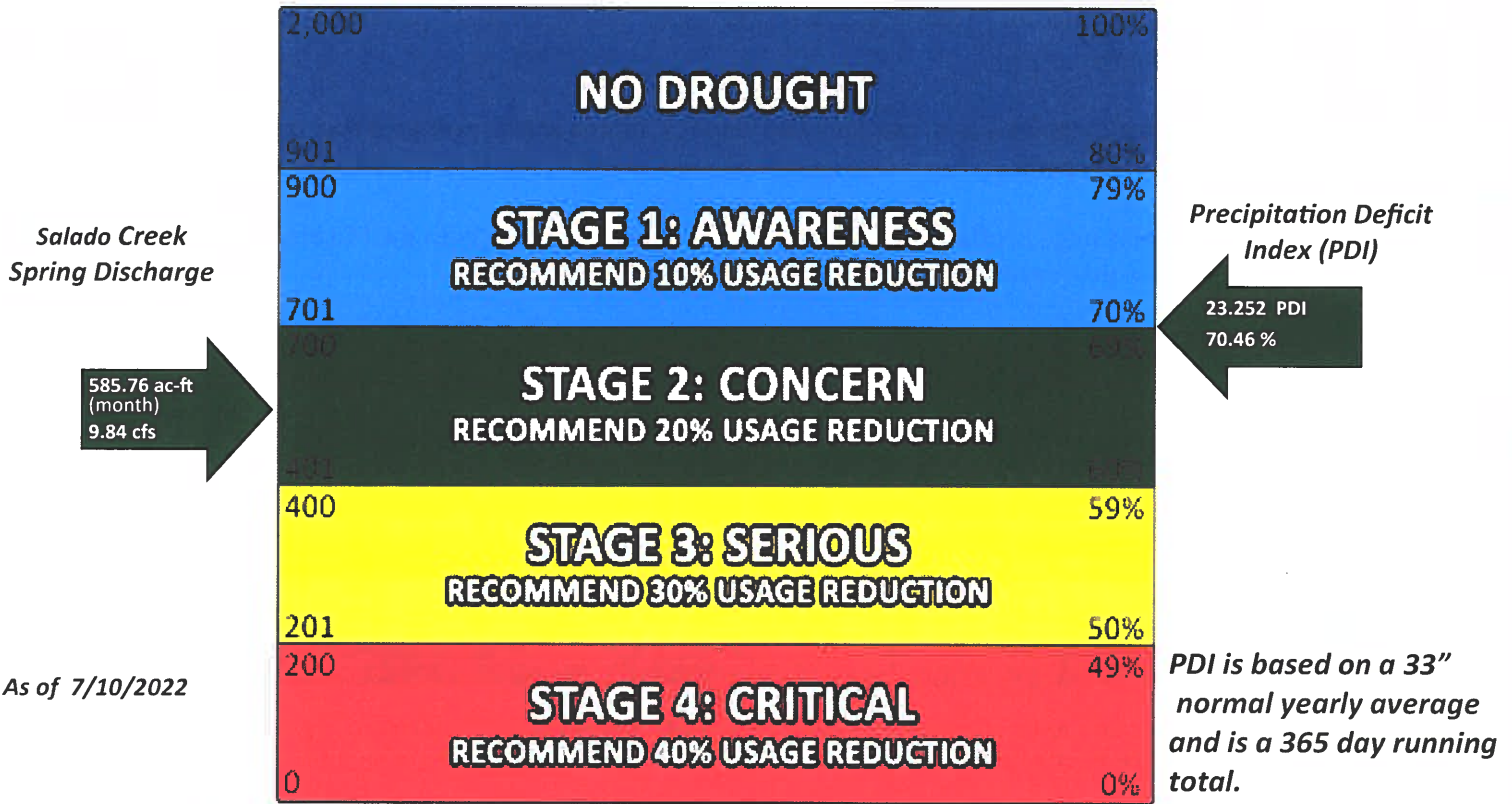
Clearwater Staff Reports

July 13, 2022

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 2: CONCERN



Trinity Aquifer—Drought Status Report

STAGE 1: AWARENESS

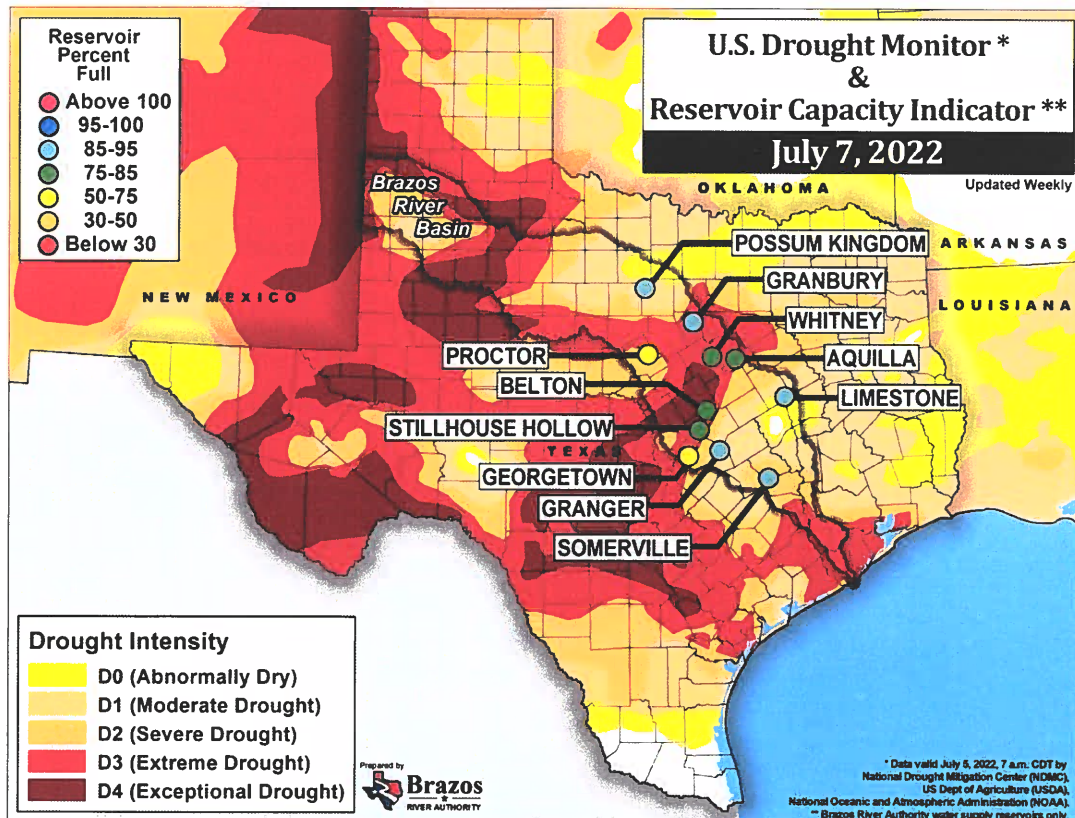


Precipitation Deficit Index (PDI)

← 23.451 PDI
71.06 %

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

AS OF 7/10/2022





Education Outreach Highlights 7/13/22

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).

- July 6 – Staff presented to students at the Texas A&M University-Central Texas STEM Camp through rotations in the education trailer. 19 in attendance.
- 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 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).

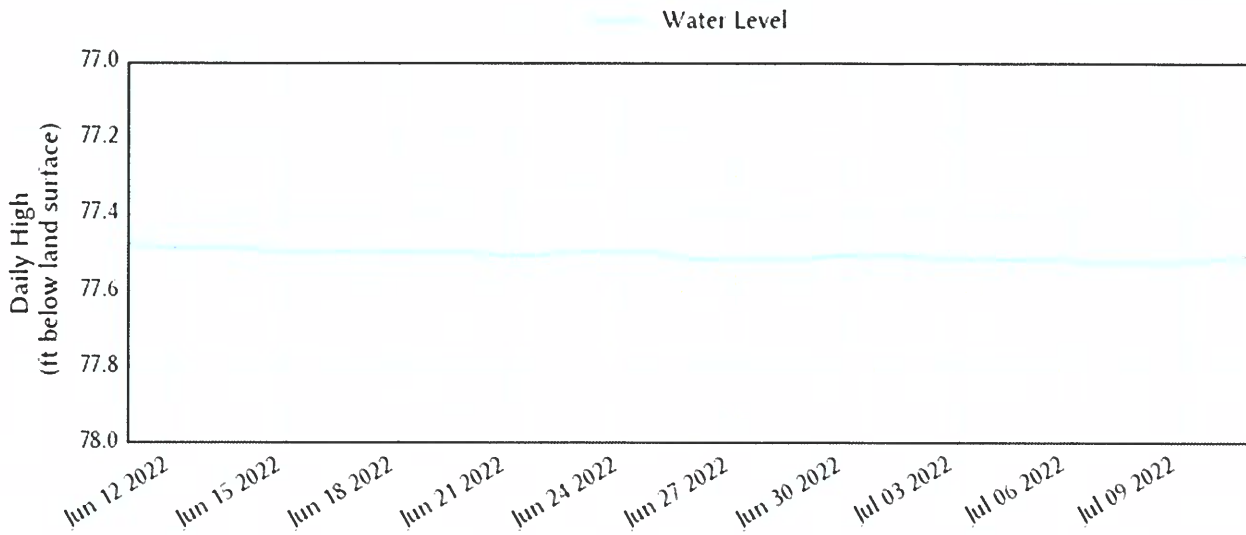
- Final version of the 2021 Annual Report was presented at the April 13th Board Meeting.
- Staff is preparing for the 2022 Bell County Water Symposium.

July 2022

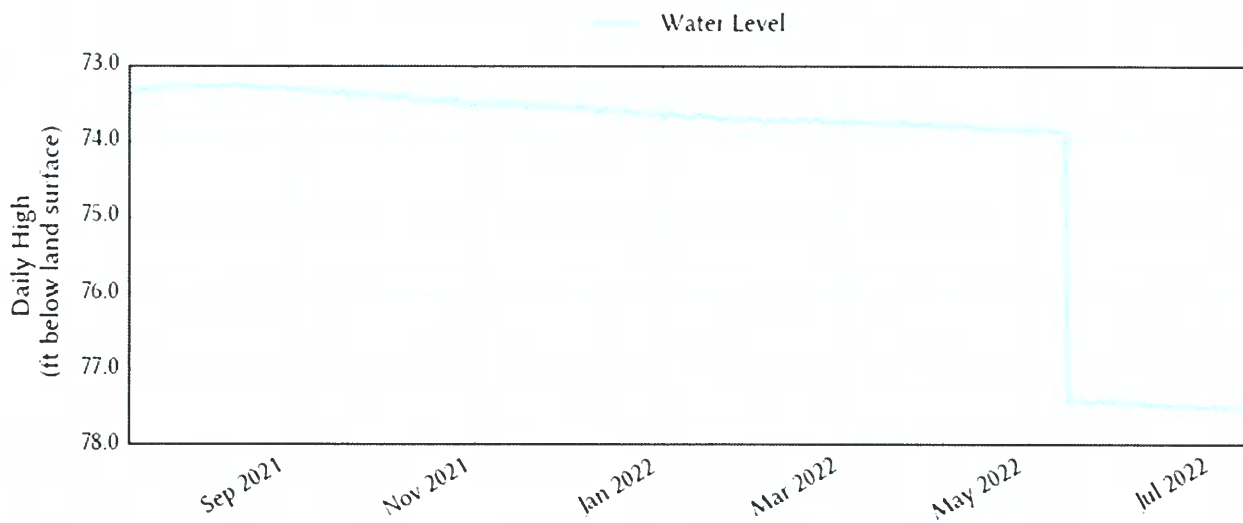
**Continuous Monitoring Well # 5804702
(FM 2843 - Patterson's Crossing - Salado Creek)
Edwards Aquifer**

Last 30 Days

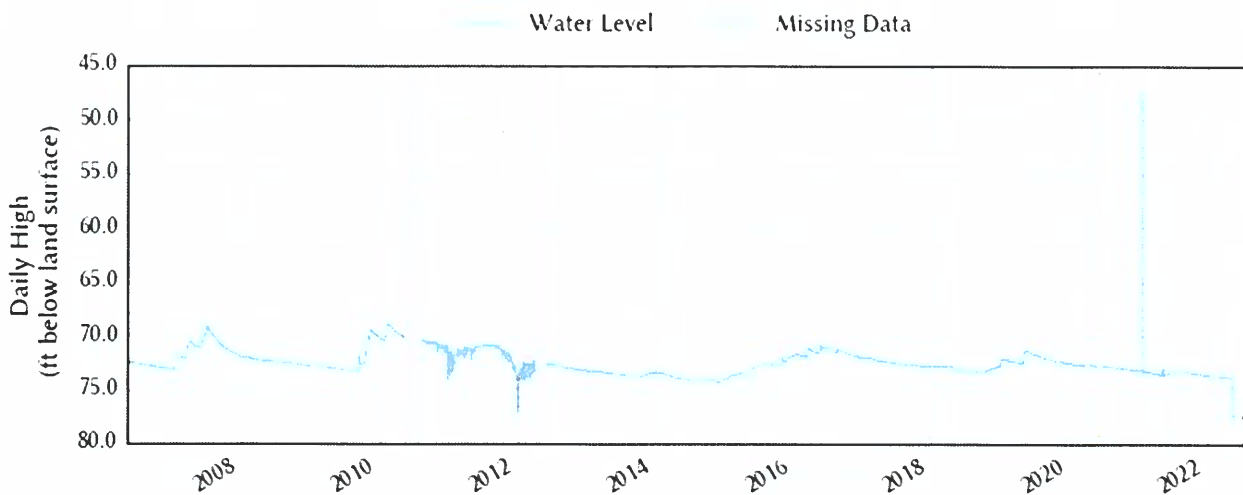
Total Depth: 95 ft



1 Year



Period Of Record

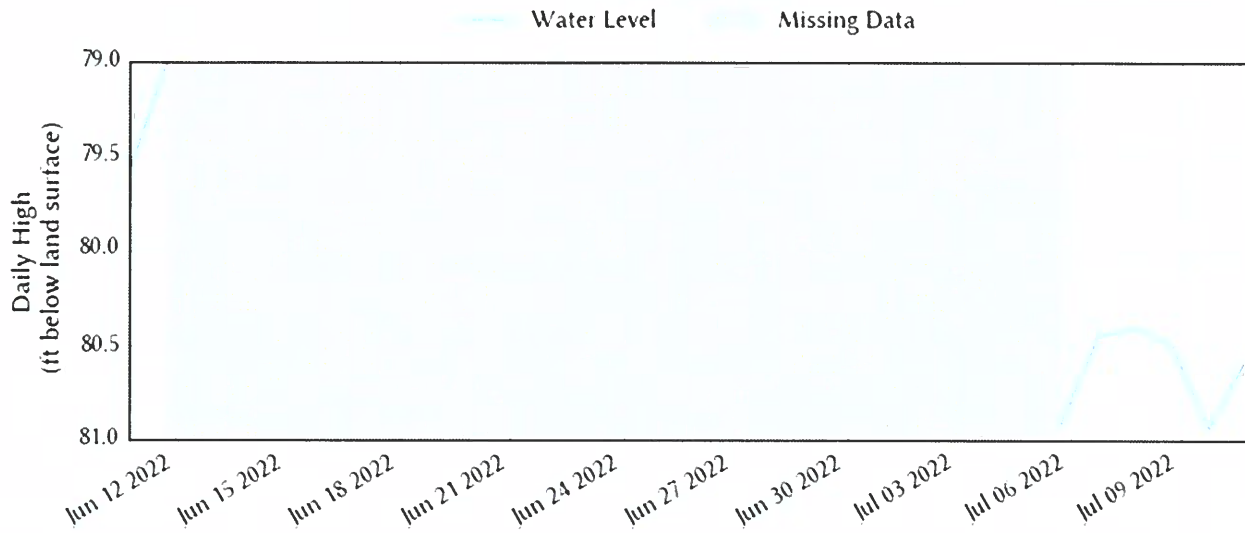


July 2022

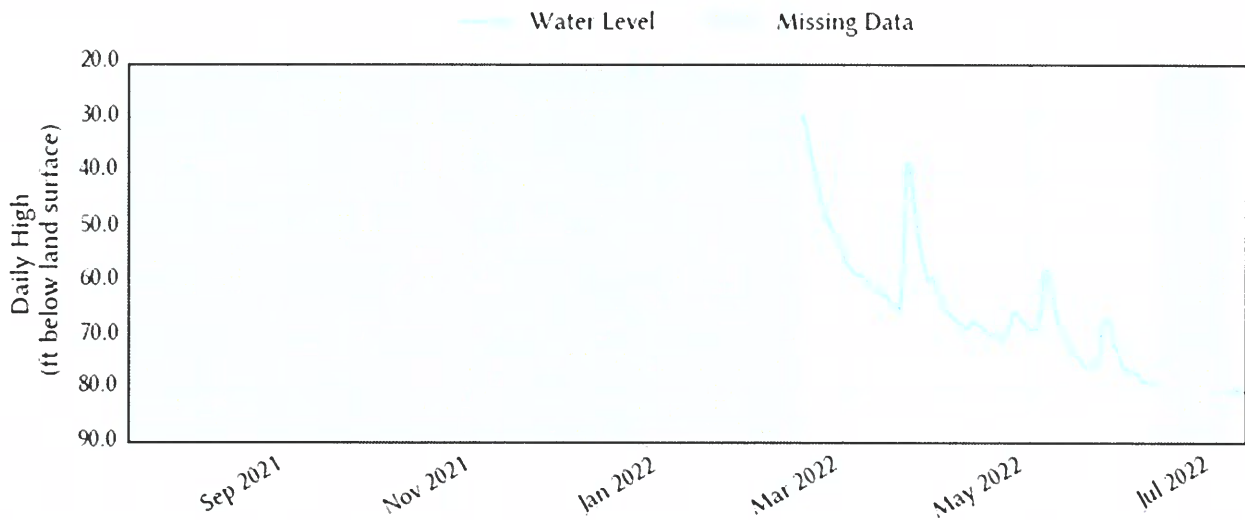
**Continuous Monitoring Well # 5804628
(Salado Cemetery)
Edwards Aquifer**

Last 30 Days

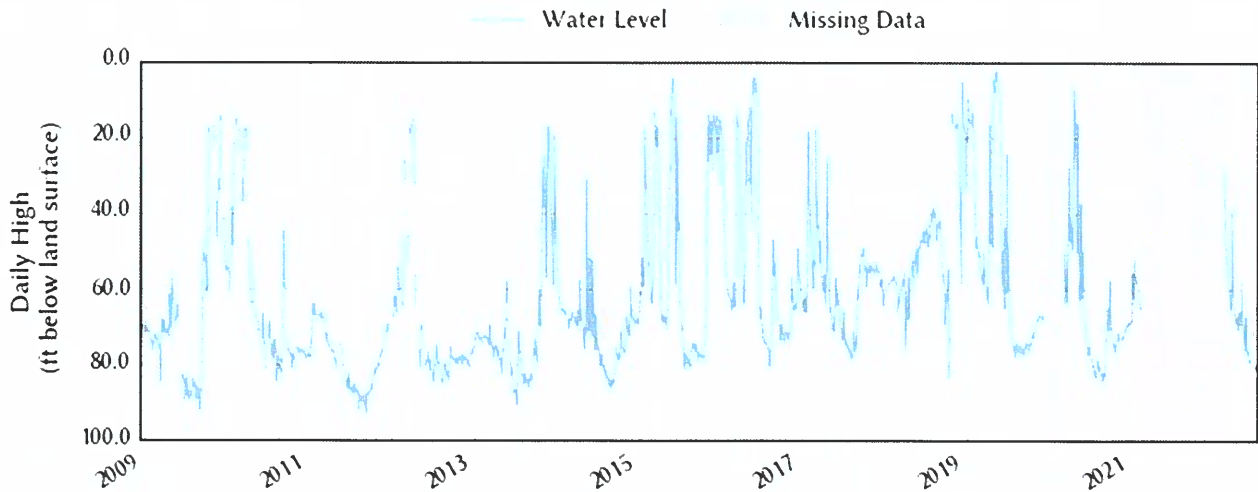
Total Depth: 129 ft



1 Year



Period Of Record

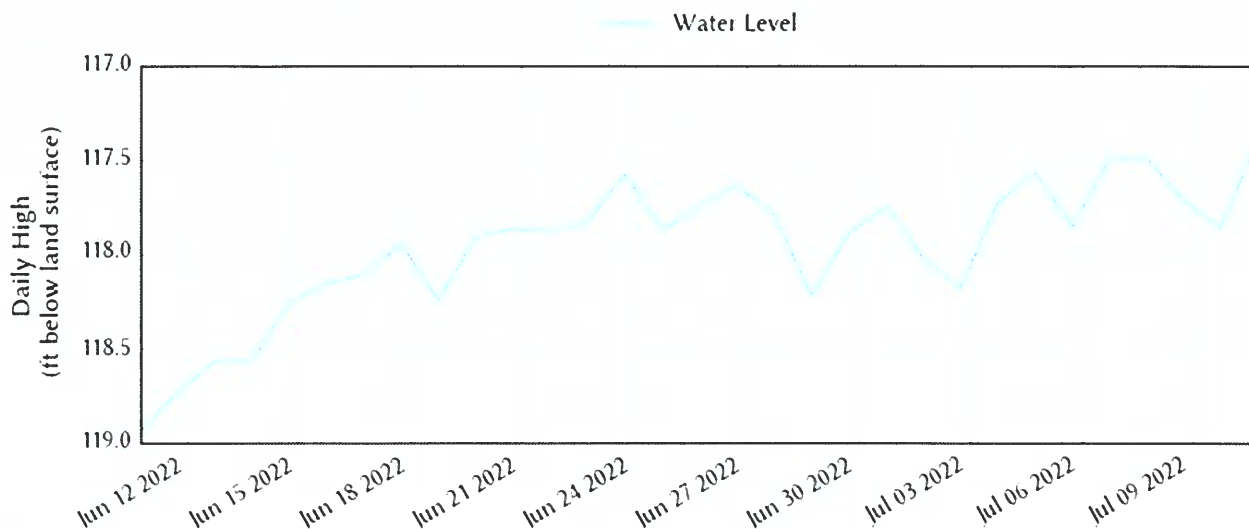


July 2022

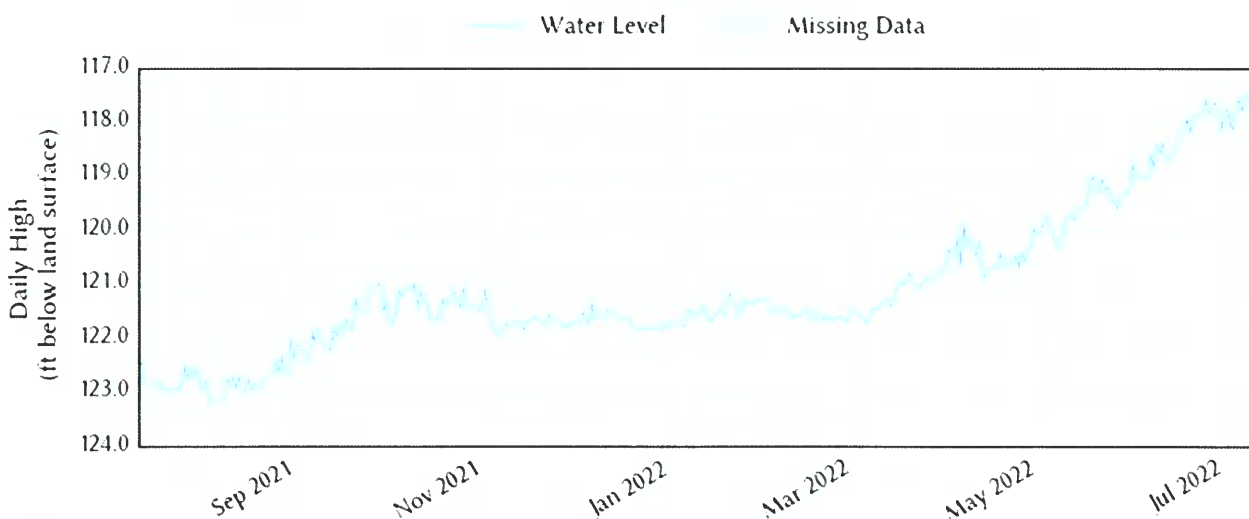
**Continuous Monitoring Well # 5804816
(IH-35 Rest Stop - West)
Edwards Aquifer**

Last 30 Days

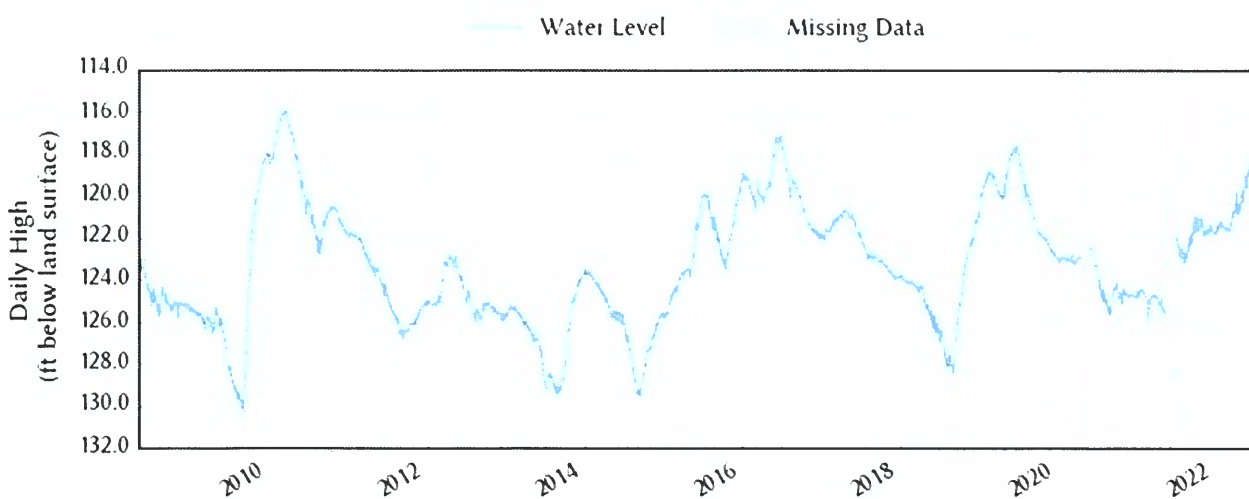
Total Depth: 170 ft



1 Year



Period Of Record

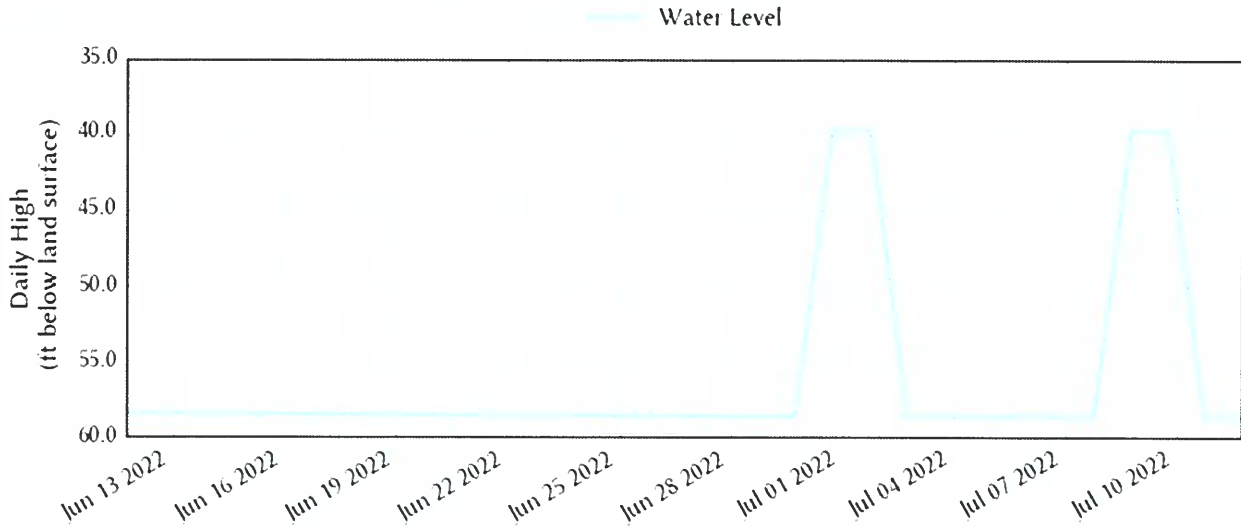


July 2022

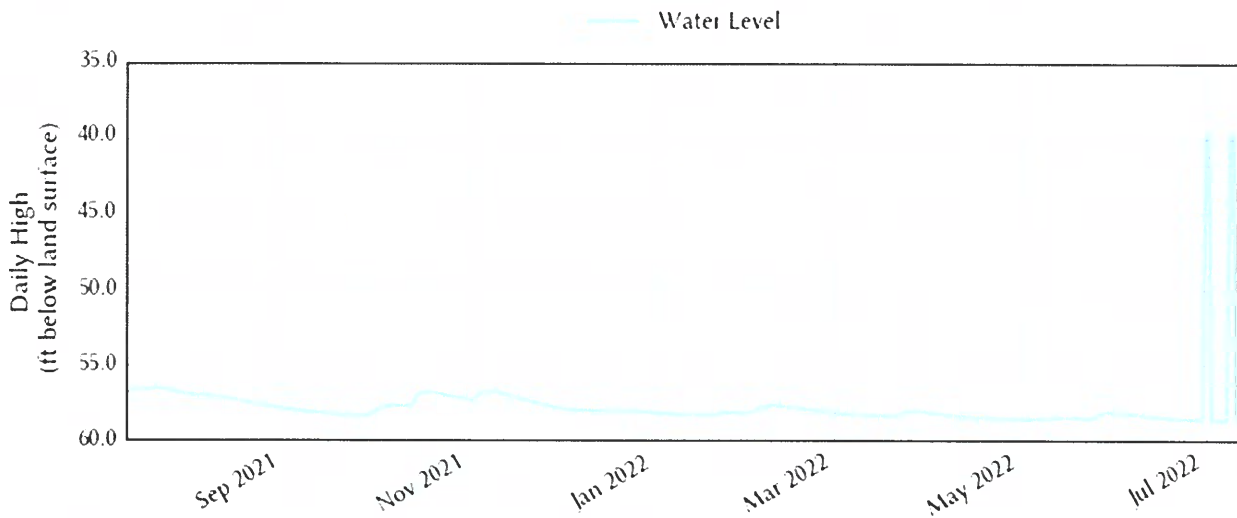
**Continuous Monitoring Well # 5803702
(Gault Site - Williamson County)
Edwards Aquifer**

Last 30 Days

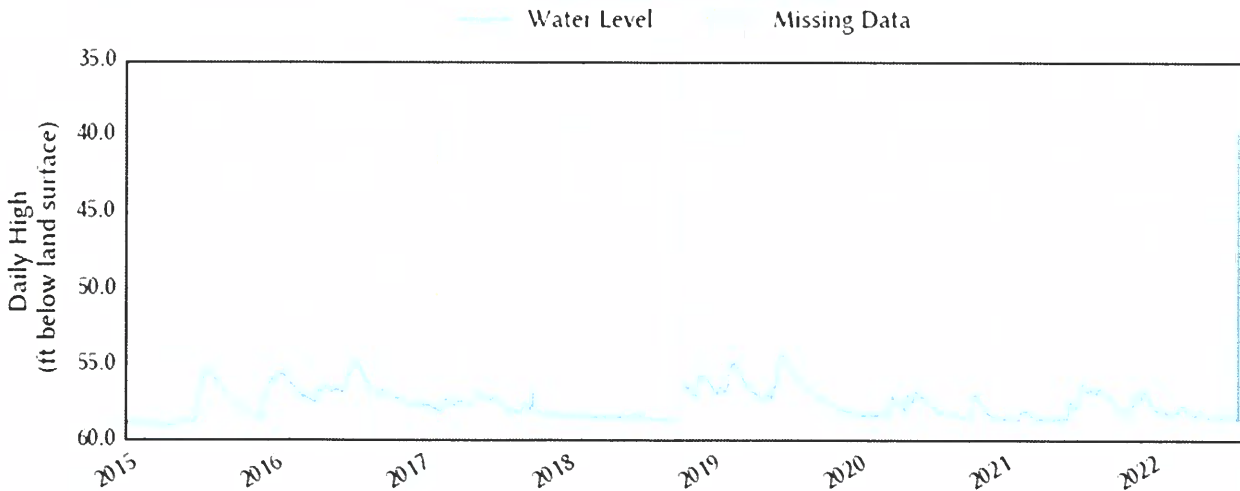
Total Depth: 110 ft



1 Year



Period Of Record



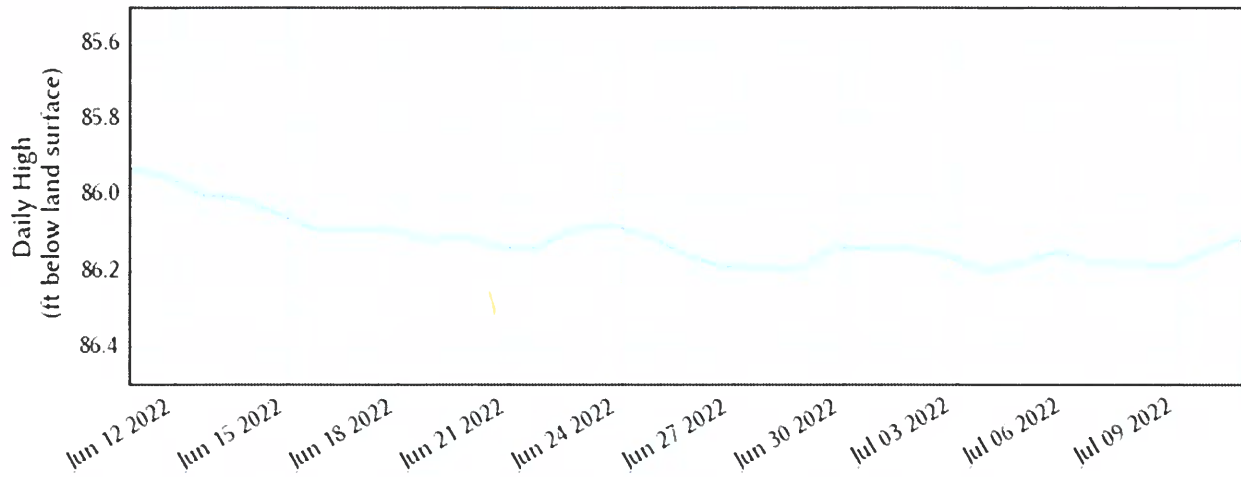
July 2022

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

Total Depth: 435 ft

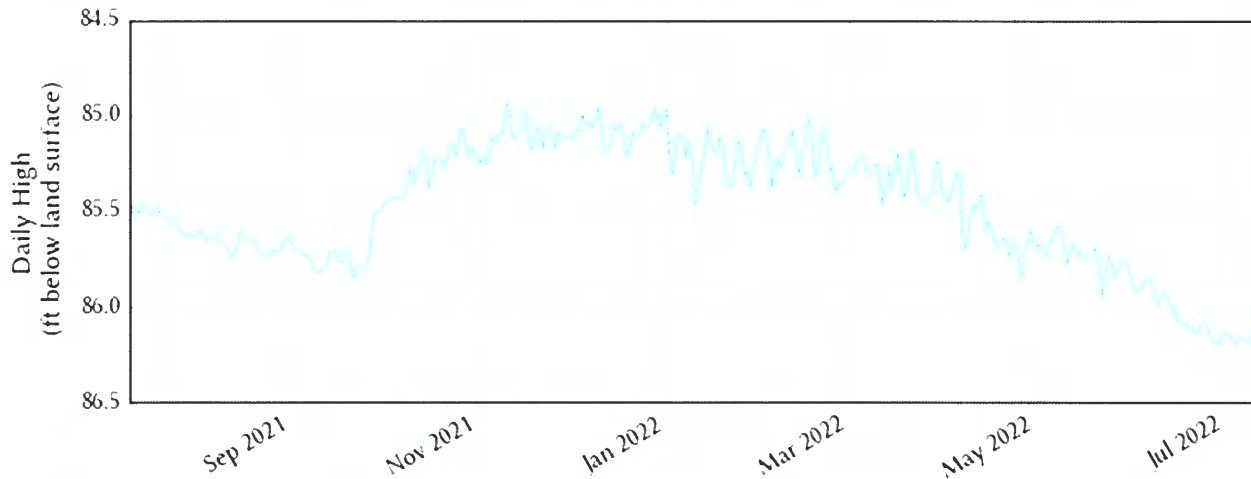
Last 30 Days

Water Level



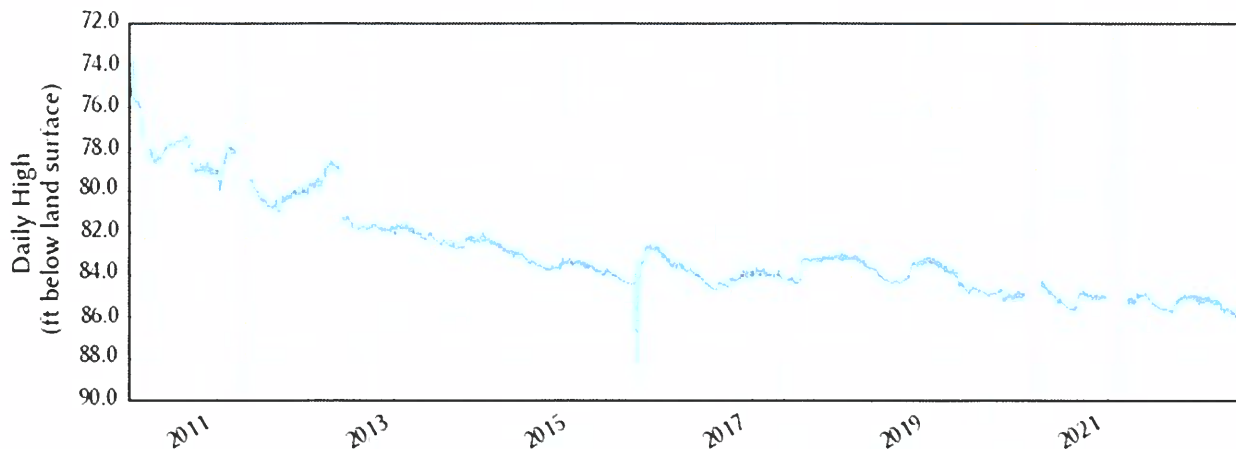
1 Year

Water Level Missing Data



Period Of Record

Water Level Missing Data

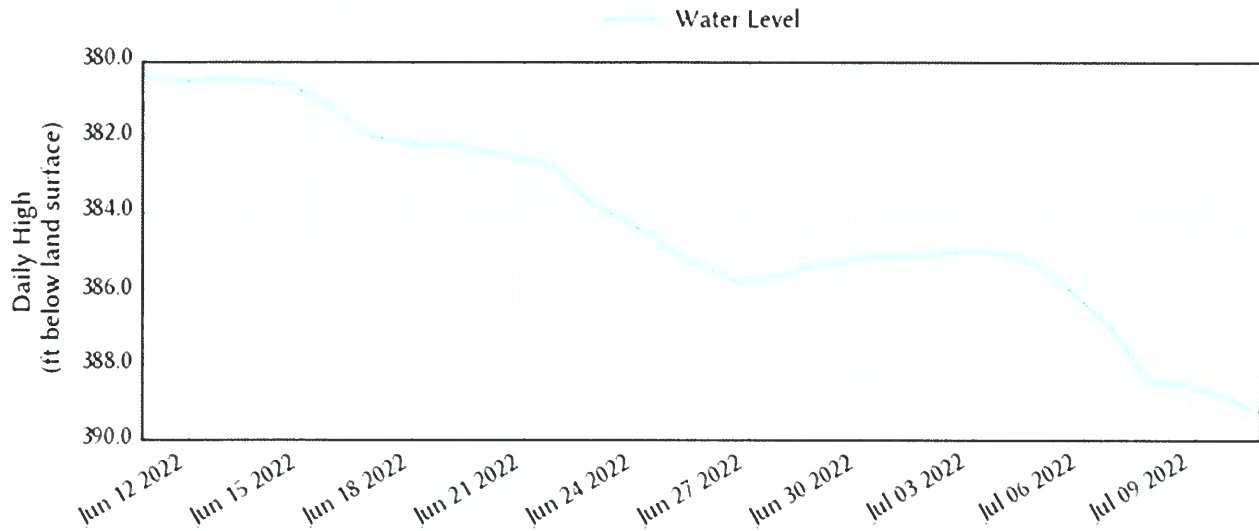


July 2022

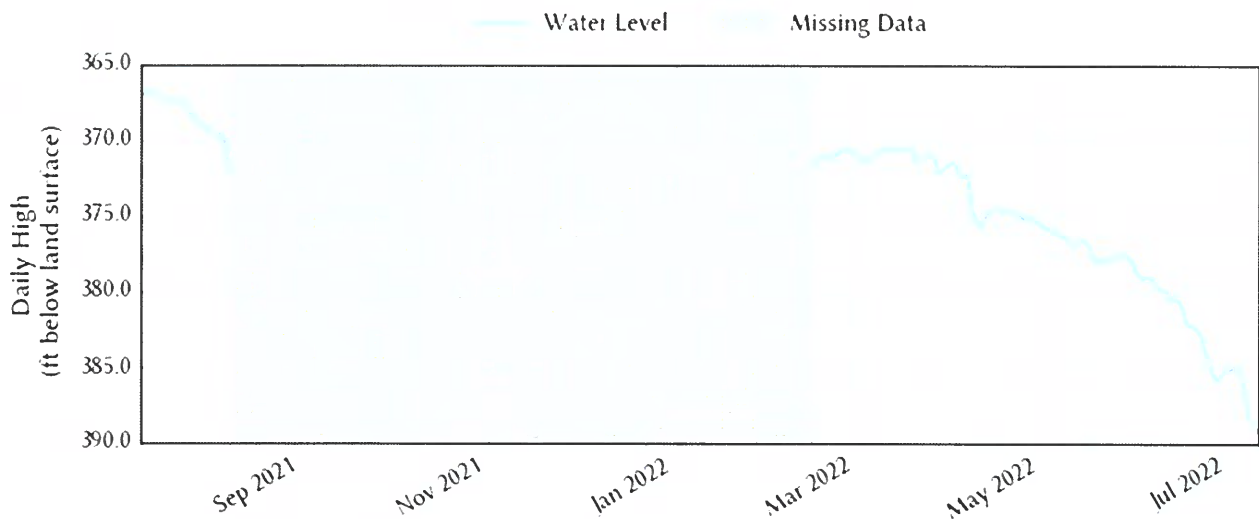
**Continuous Monitoring Well # 5802304
(Killeen - River Ridge Ranch Park Well #1)
Middle Trinity Aquifer**

Total Depth: 467 ft

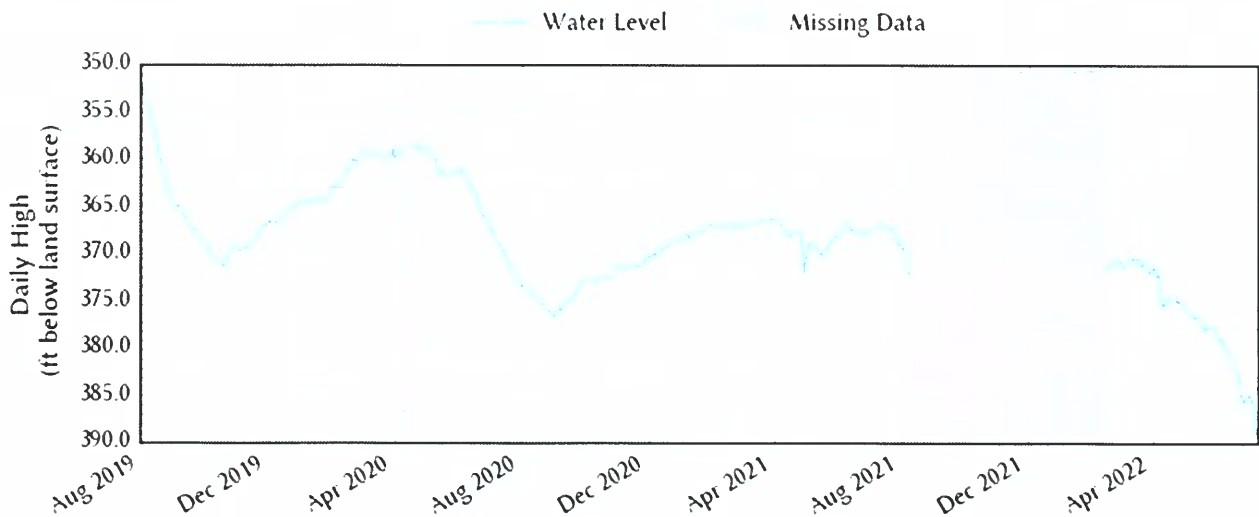
Last 30 Days



1 Year



Period Of Record

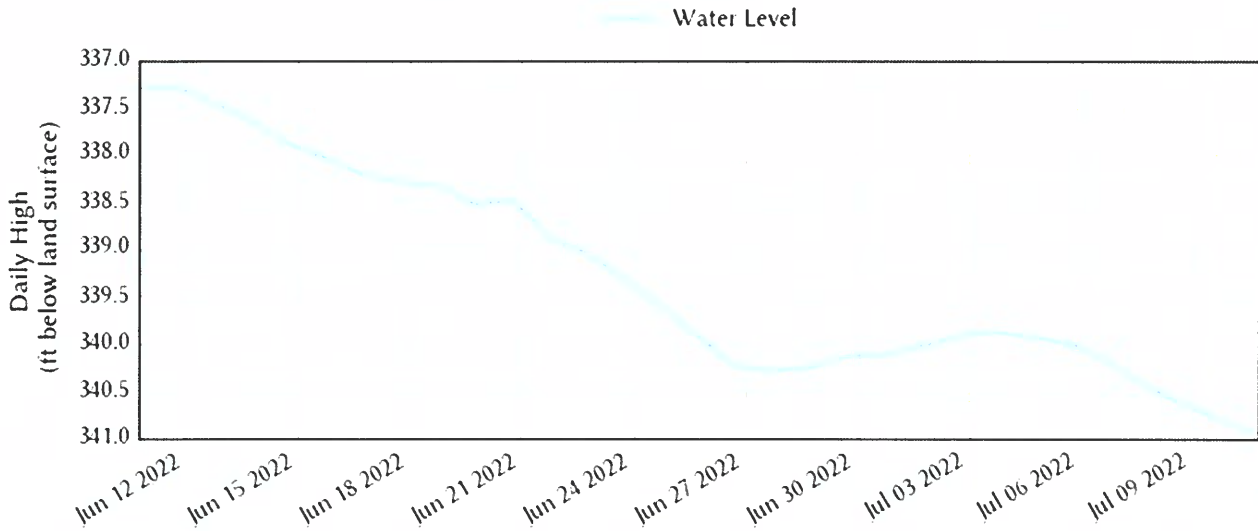


July 2022

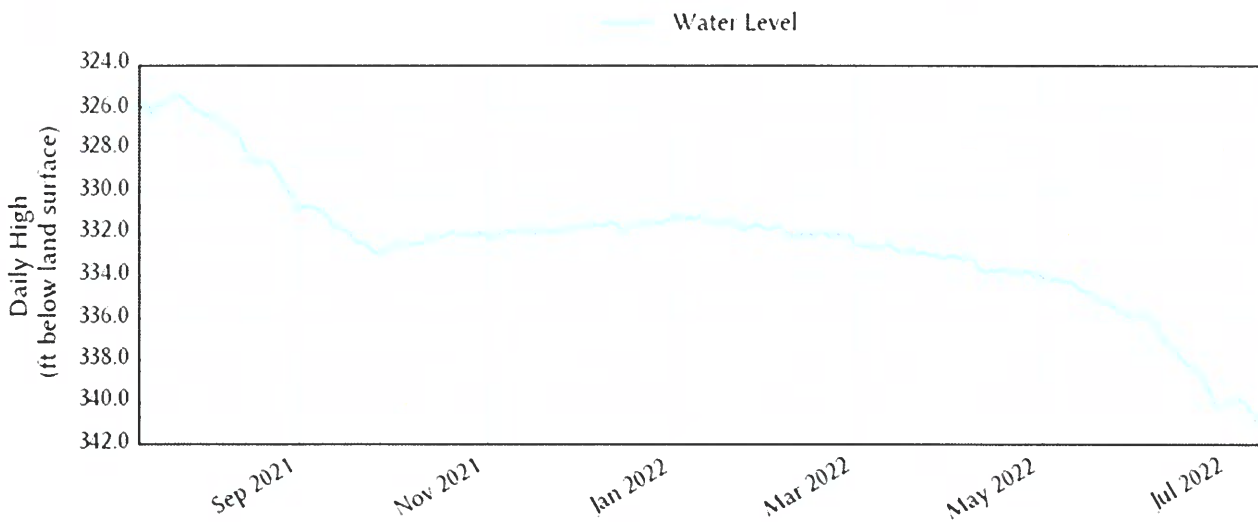
**Continuous Monitoring Well # 4057601
(Copperas Cove)
Middle Trinity Aquifer**

Total Depth: 469ft

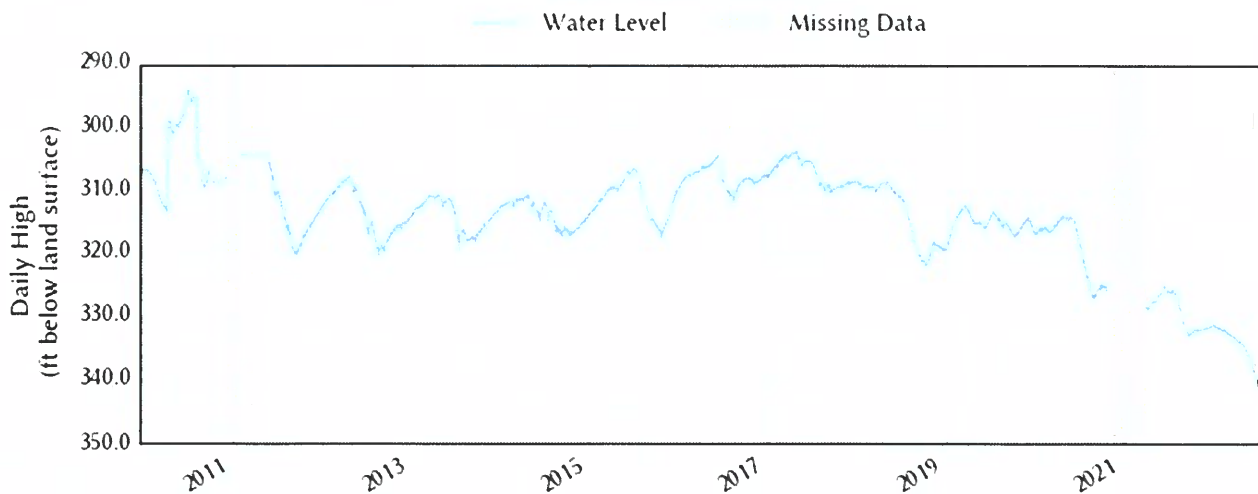
Last 30 Days



1 Year



Period Of Record

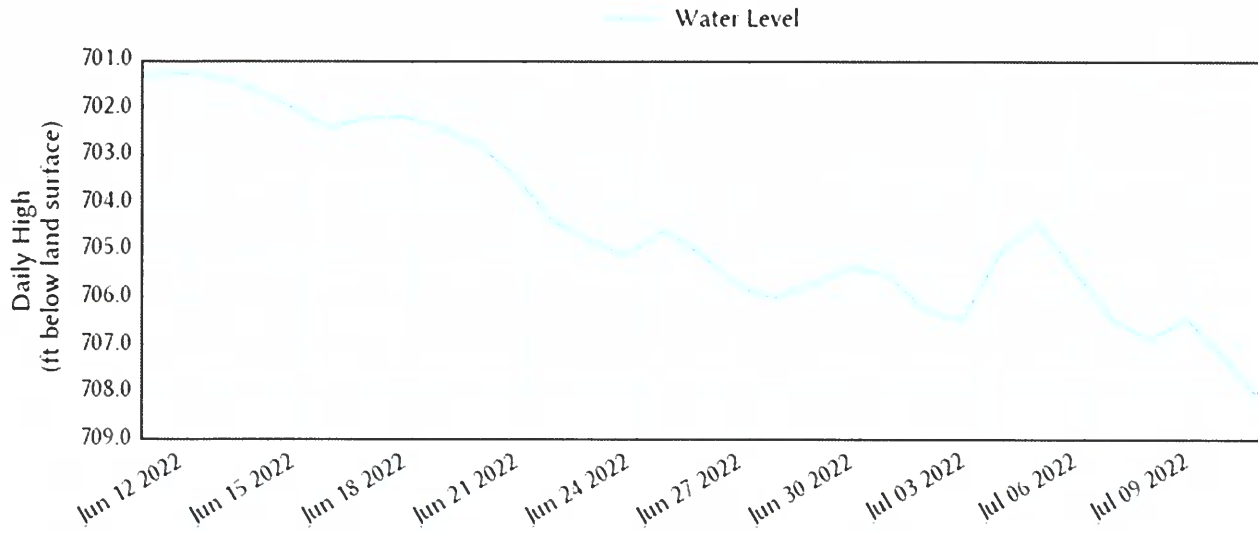


July 2022

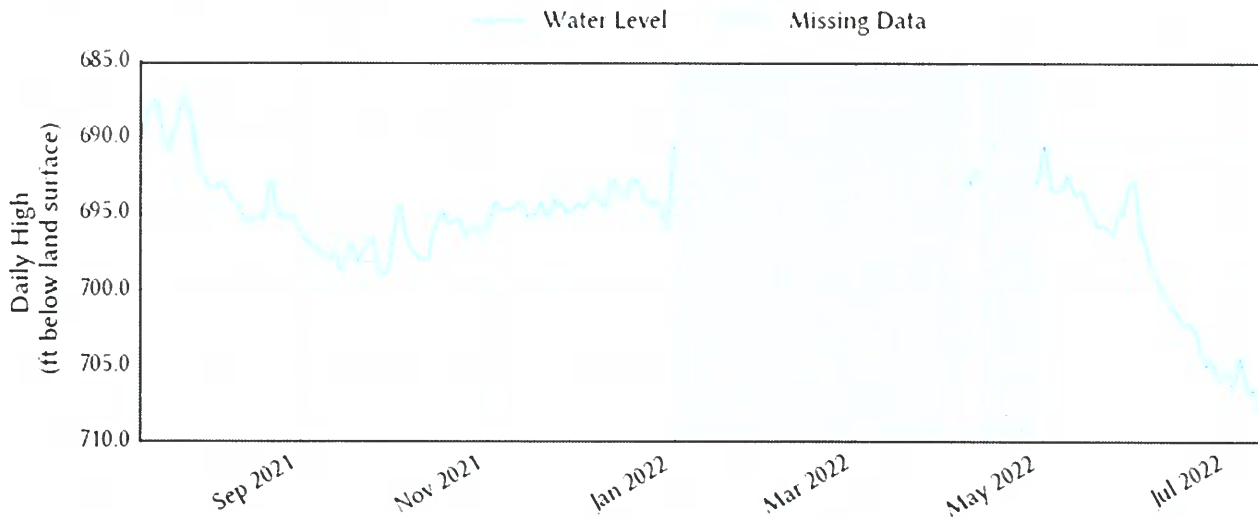
**Continuous Monitoring Well # 5803701
(Gault Site - Williamson County)
Middle Trinity Aquifer**

Total Depth: 880 ft

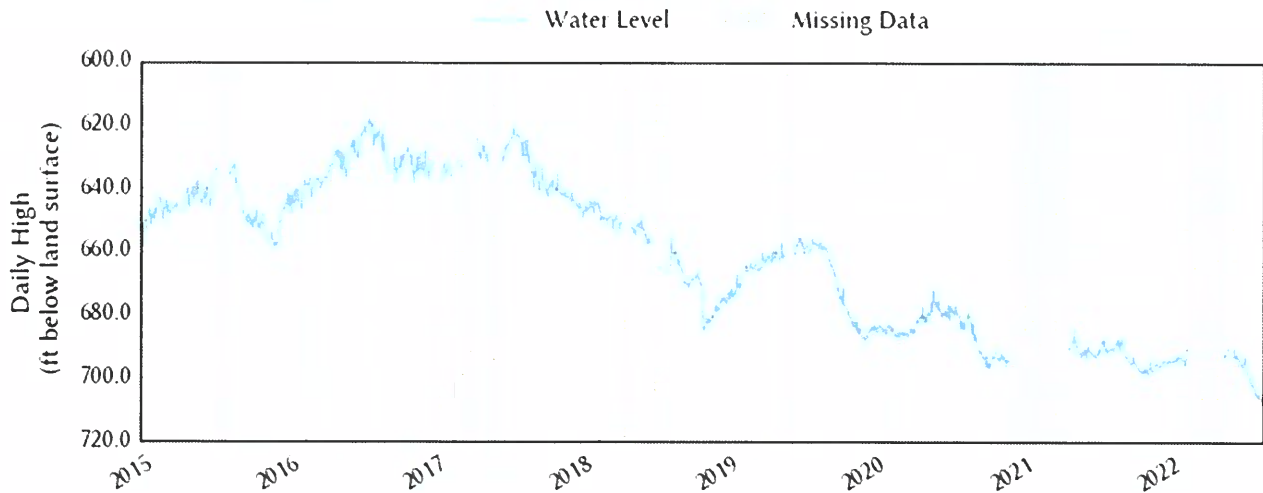
Last 30 Days



1 Year



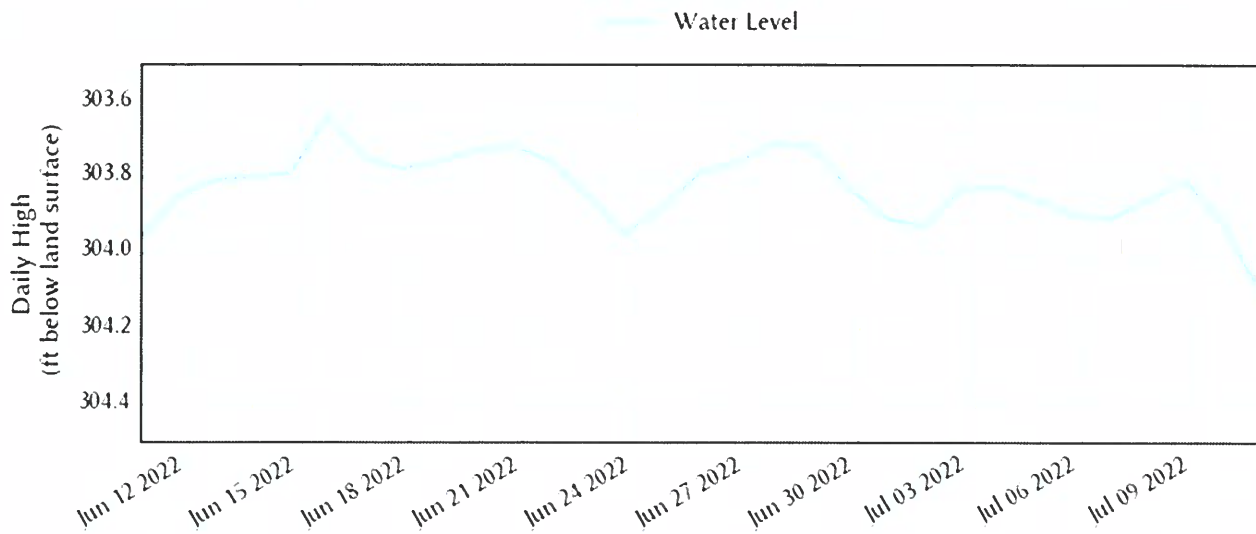
Period Of Record



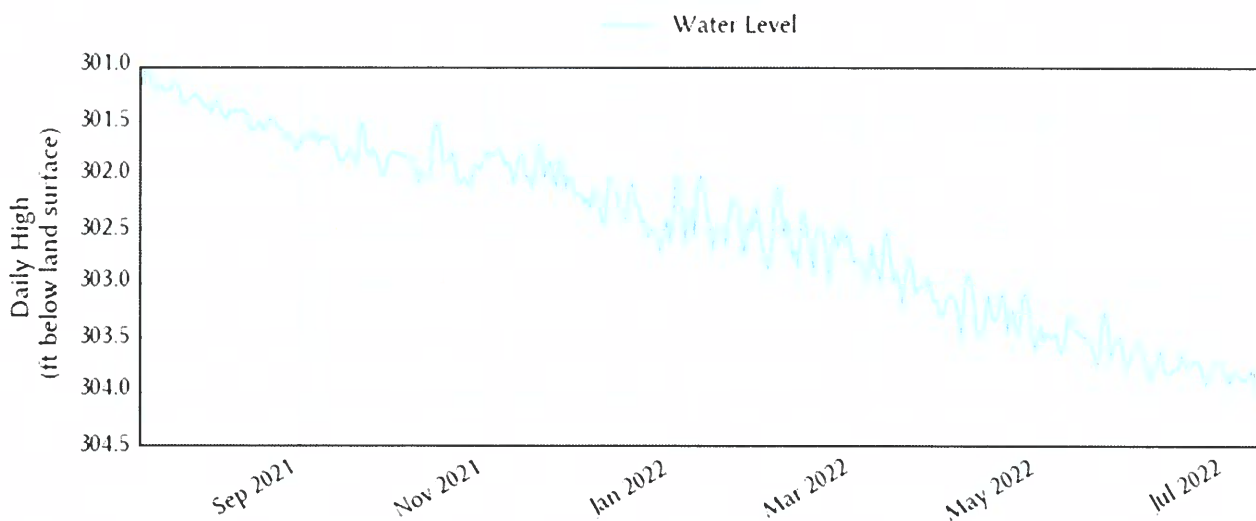
Continuous Monitoring Well # 4057602
(Copperas Cove)
Lower Trinity Aquifer

Total Depth: 629 ft

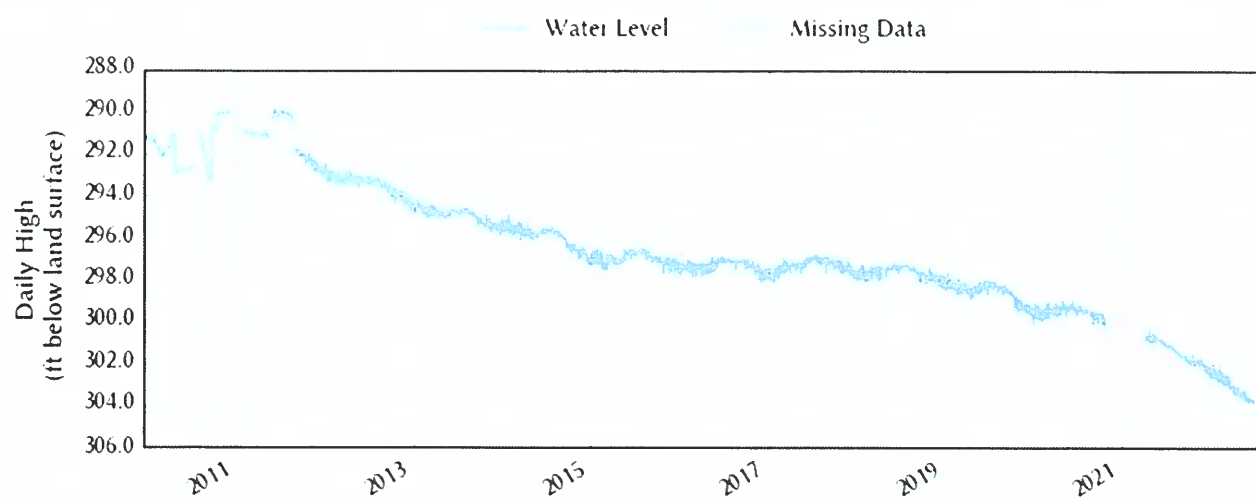
Last 30 Days



1 Year



Period Of Record

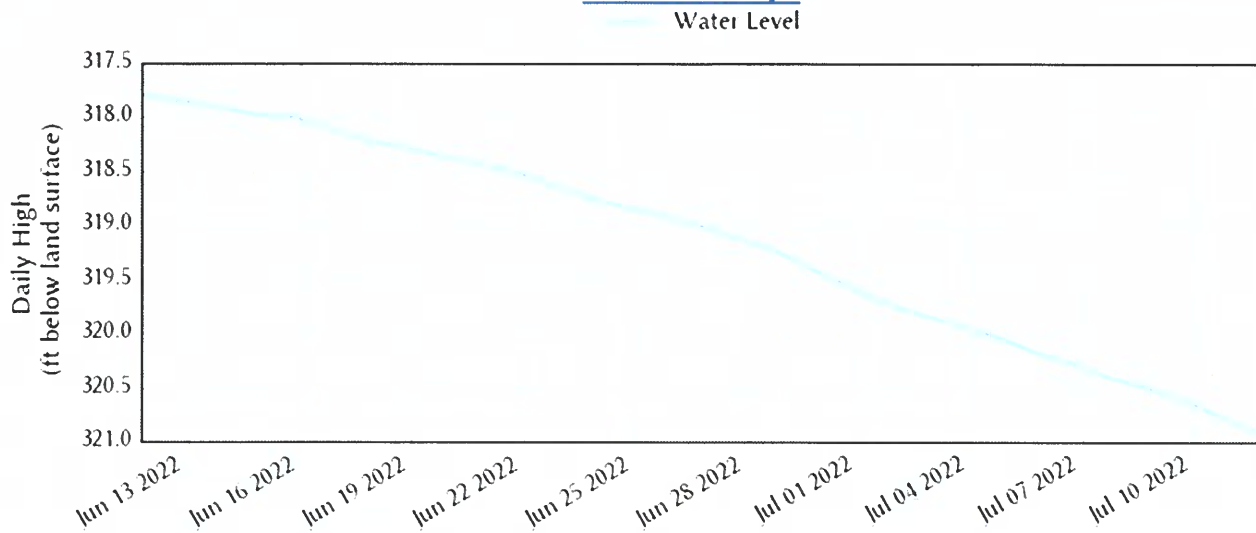


July 2022

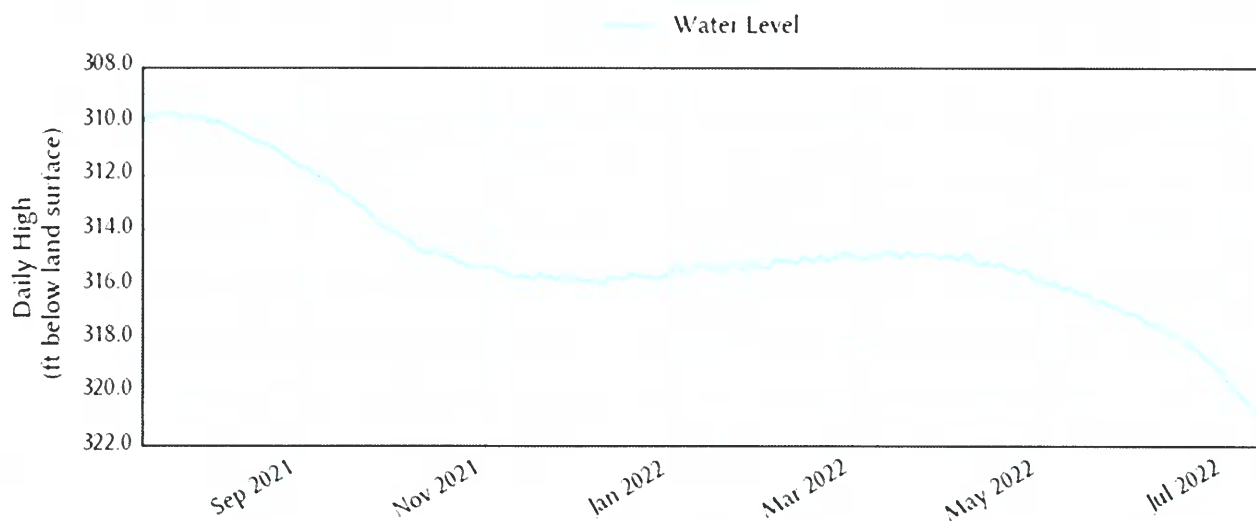
**Continuous Monitoring Well # 5802303
(Killeen - River Ridge Ranch Park Well #2)
Lower Trinity Aquifer**

Total Depth: 637 ft

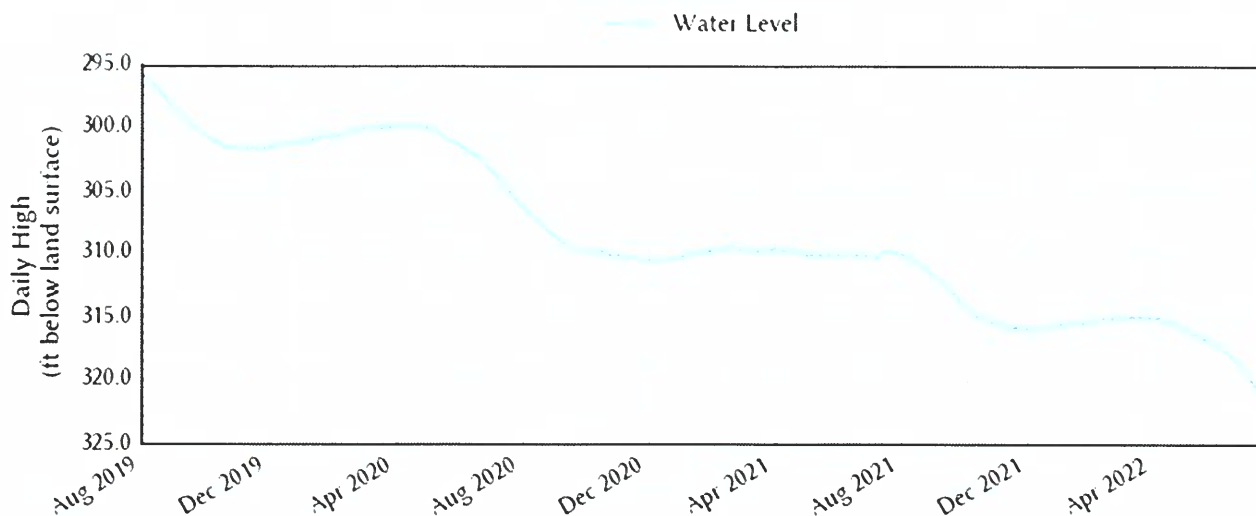
Last 30 Days



1 Year



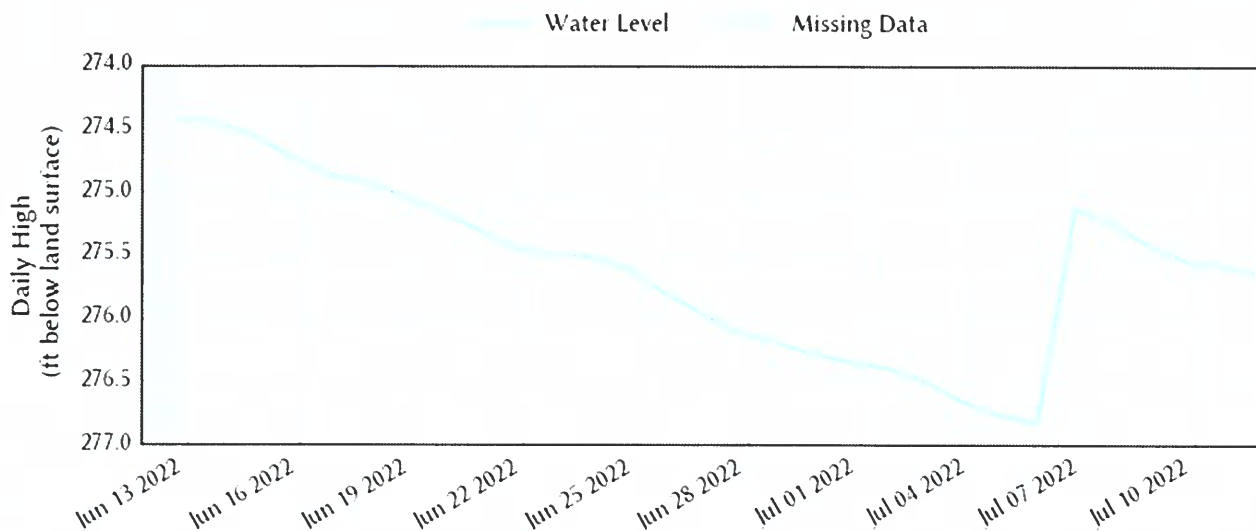
Period Of Record



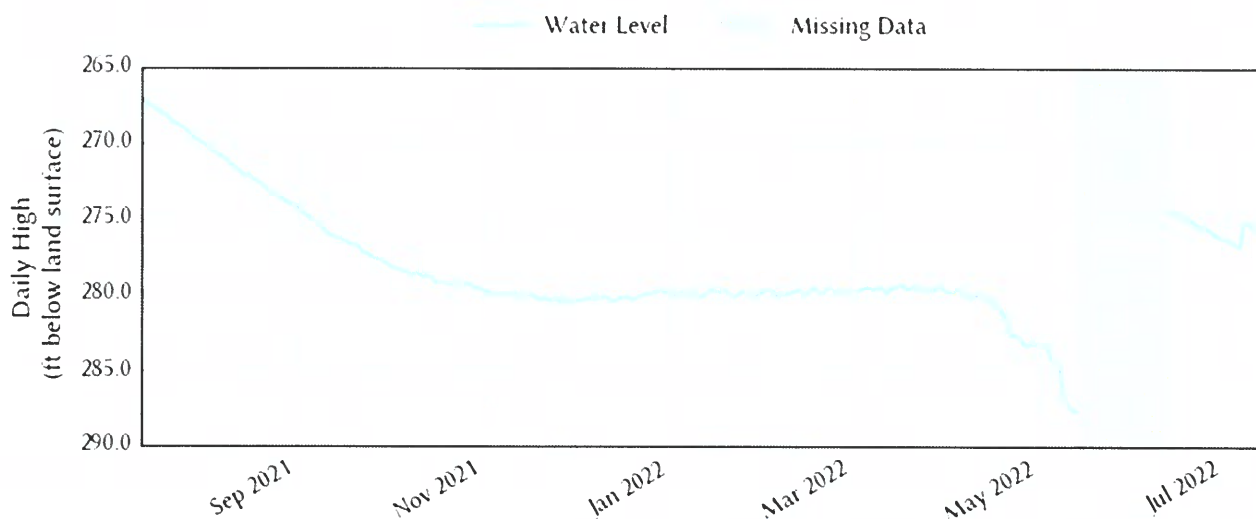
Continuous Monitoring Well # 4061509
(Temple - Pea Ridge Well)
Lower Trinity Aquifer

Total Depth: 1,261 ft

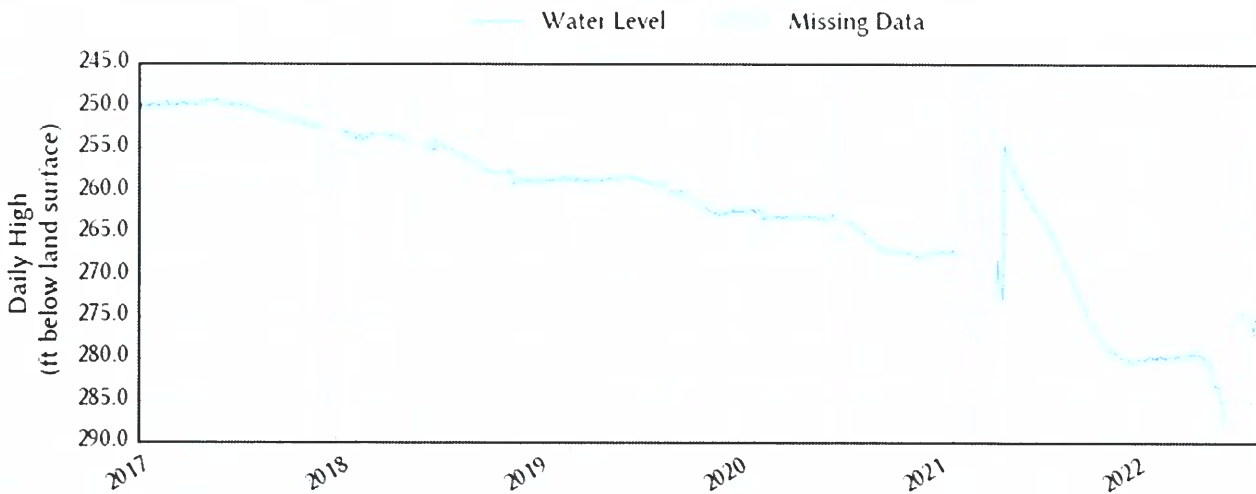
Last 30 Days



1 Year



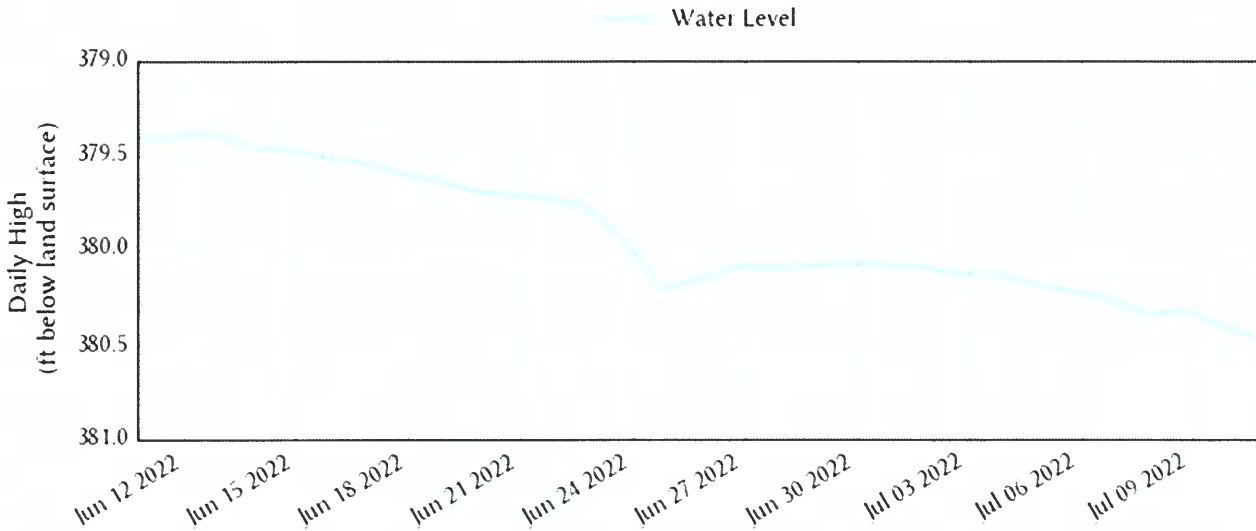
Period Of Record



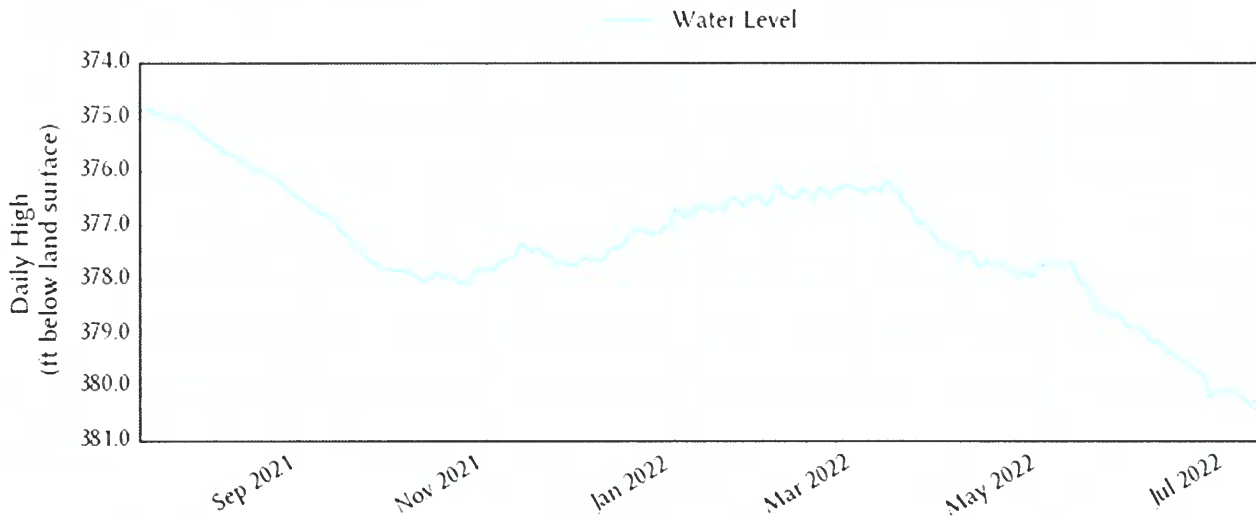
Continuous Monitoring Well # 4062501
(Temple - Acres Well)
Lower Trinity Aquifer

Total Depth: 2,236 ft

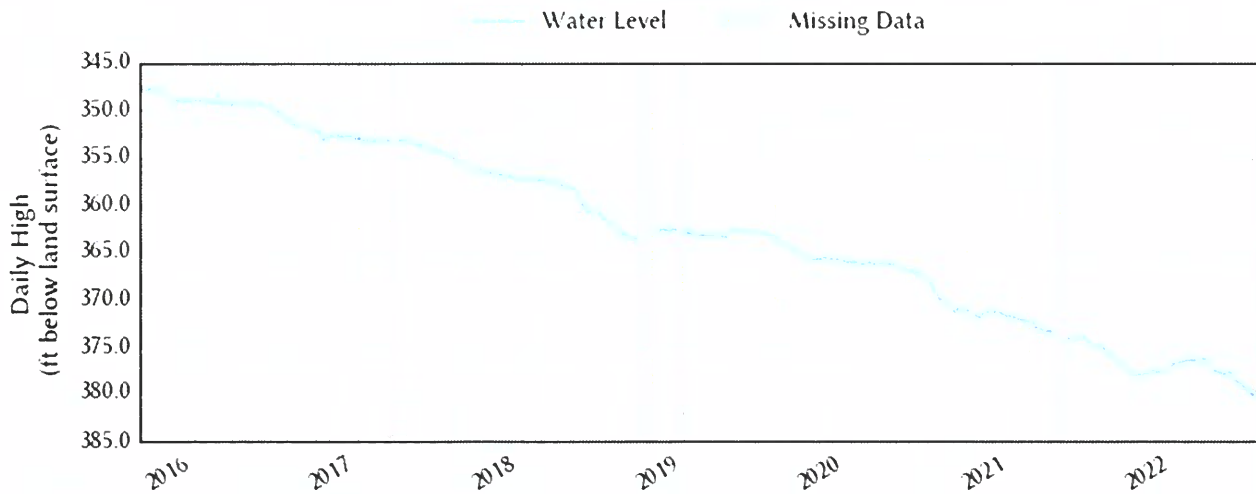
Last 30 Days

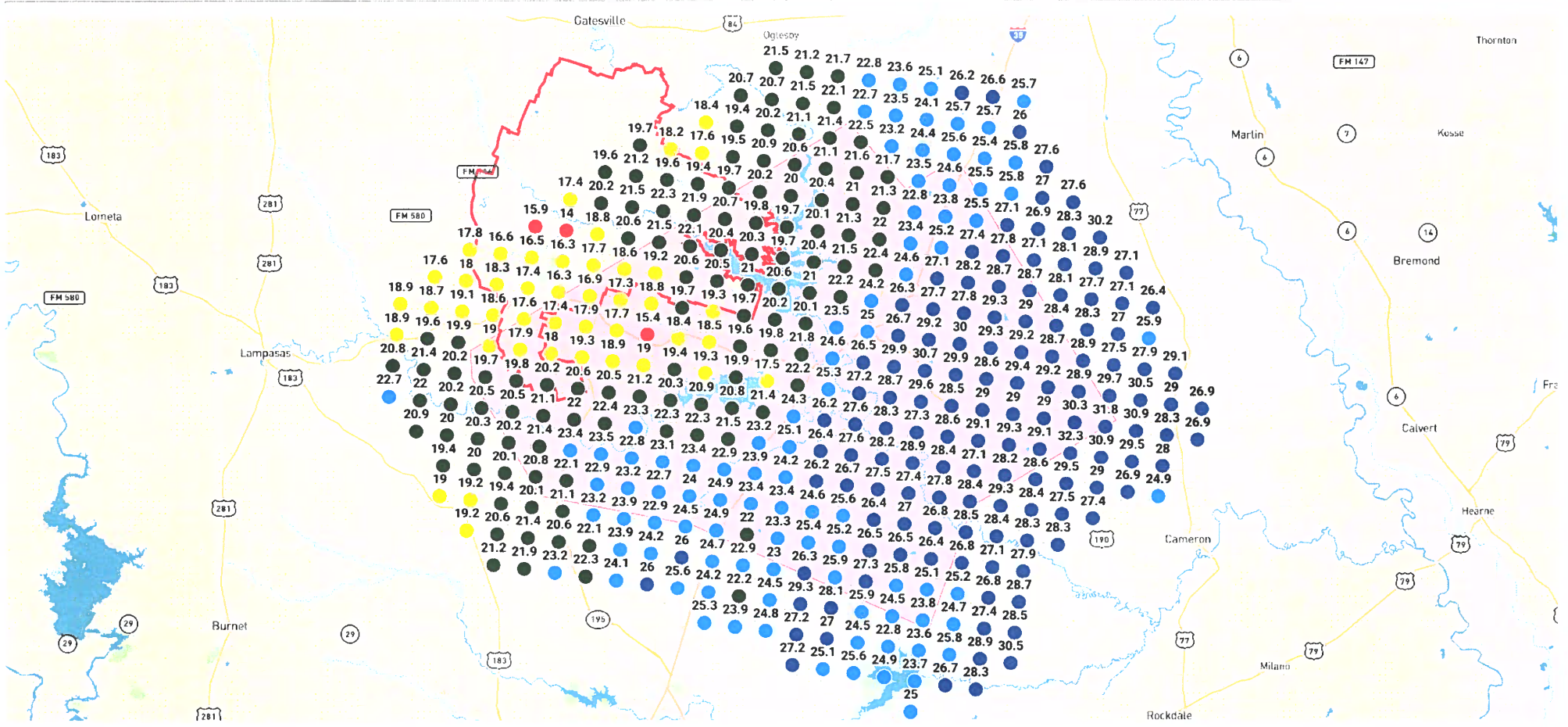


1 Year

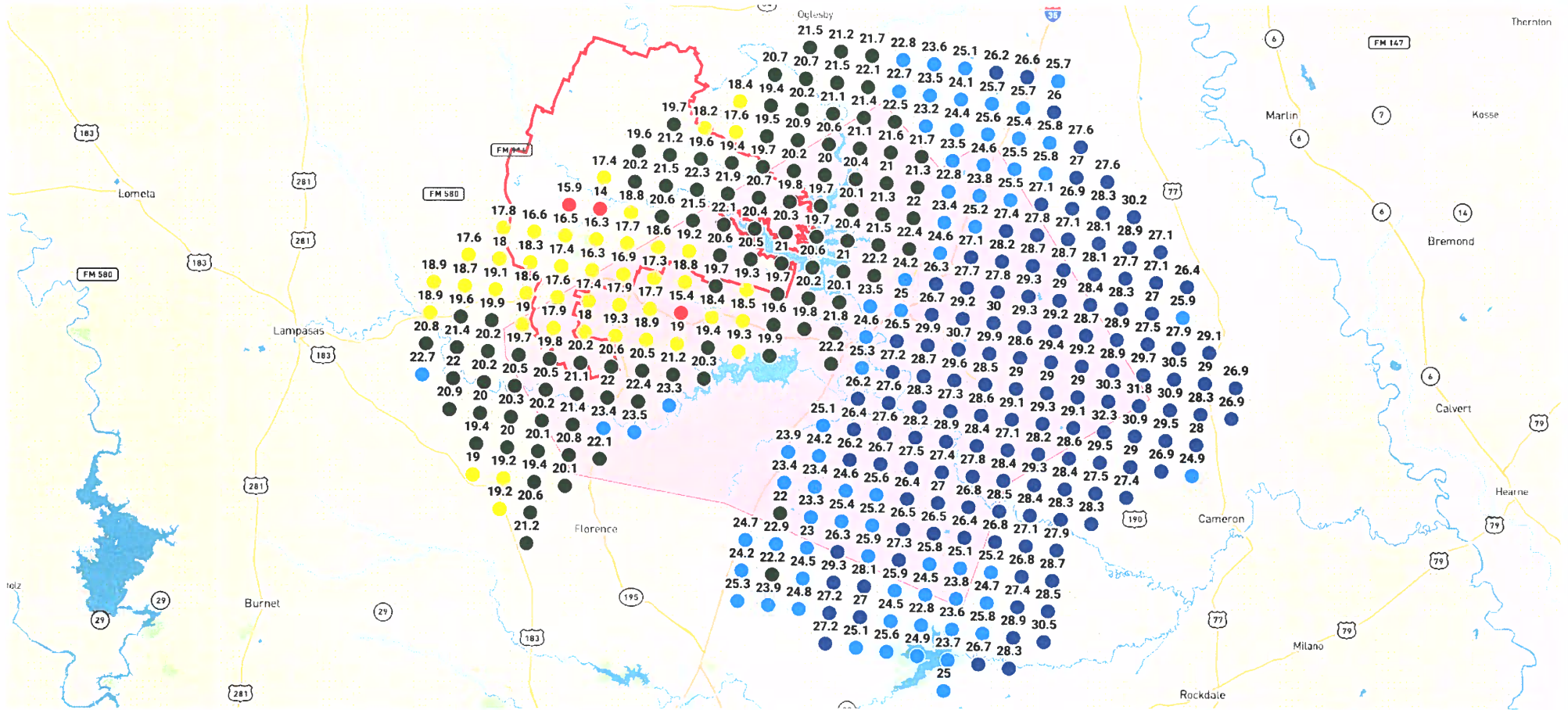


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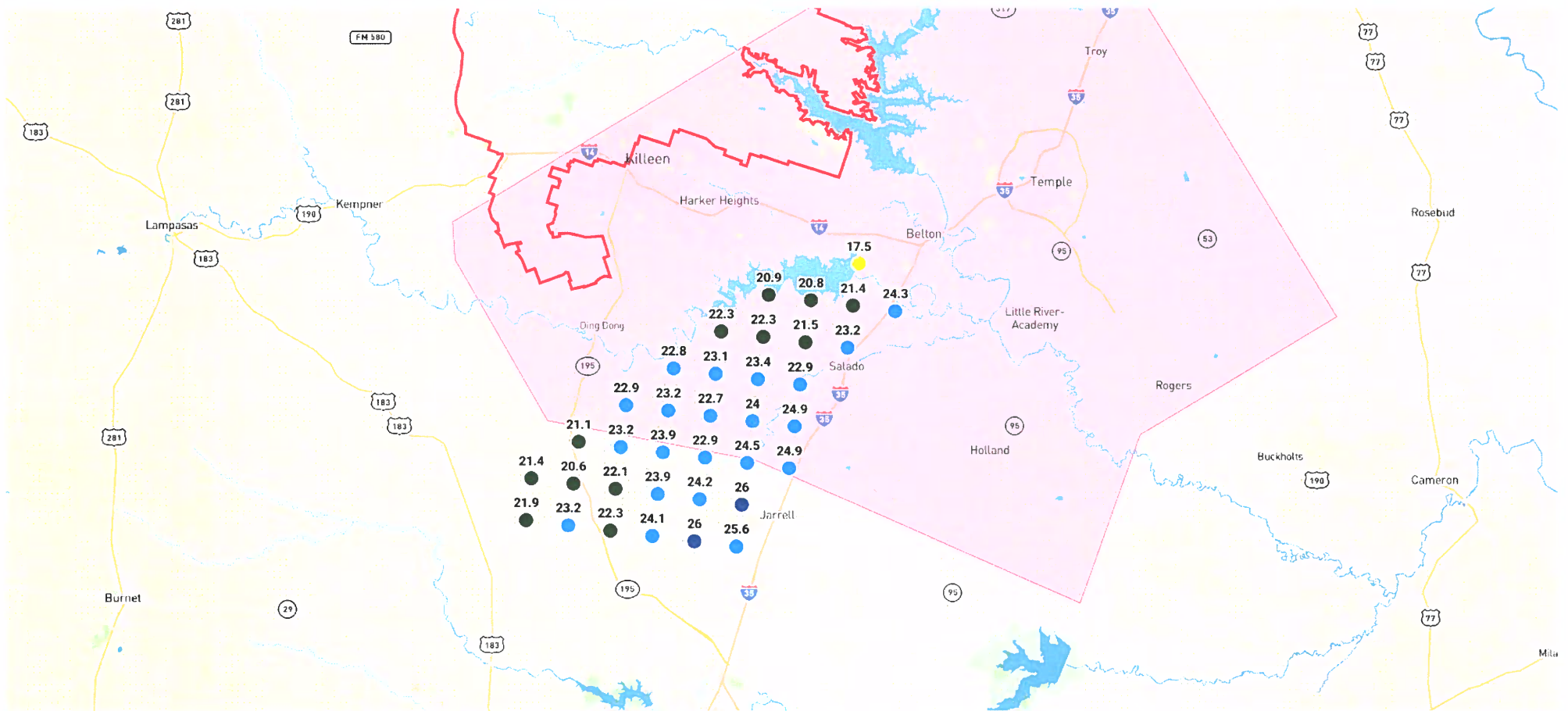


- 0 - 16.1 in
- 16.1 - 19.4 in
- 19.4 - 22.7 in
- 22.7 - 26 in
- 26+ in
- N/A Value
- Bell CAD County Boundary
- Bell CAD Reservation Boundaries



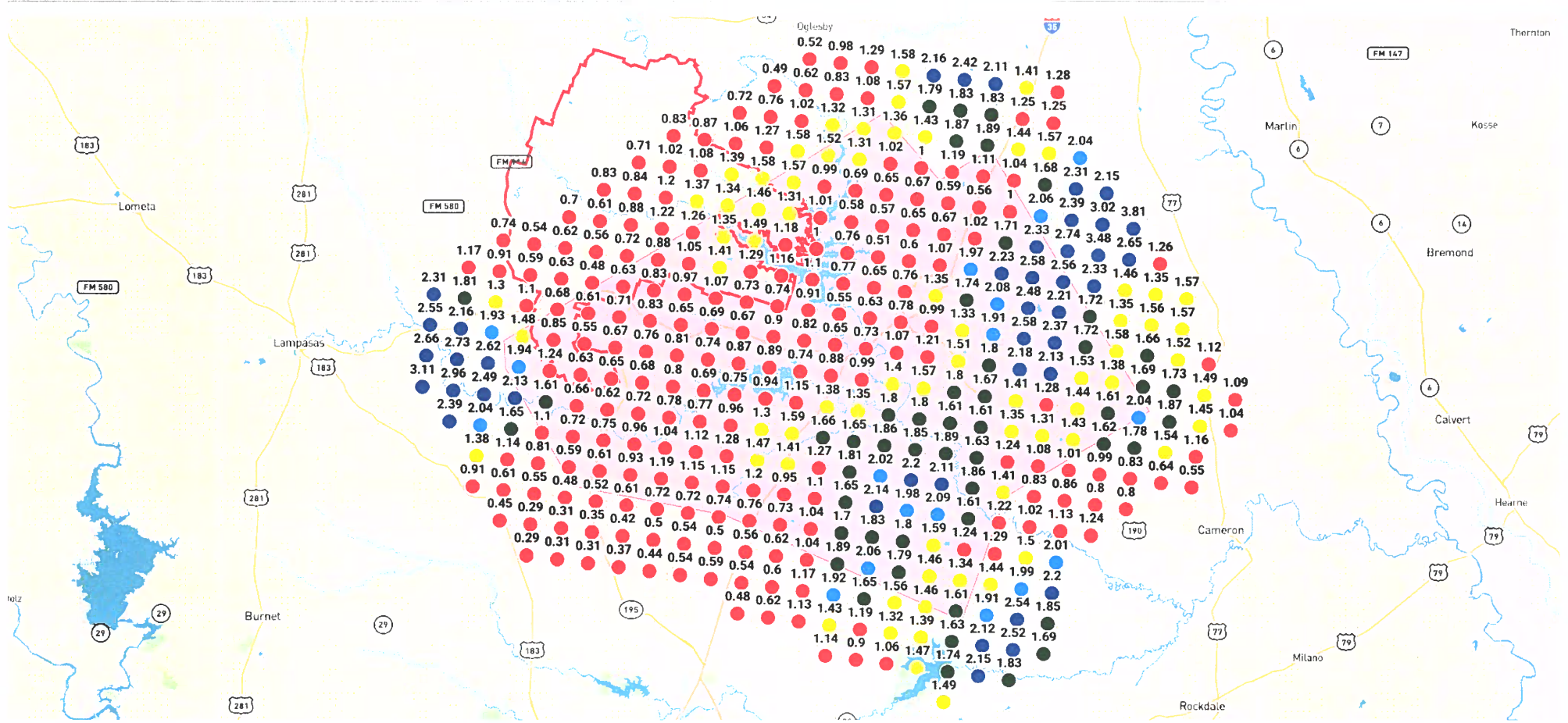
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- 16.1 - 19.4 in
- 19.4 - 22.7 in
- 22.7 - 26 in
- 26+ in
- N/A Value
- Bell CAD County Boundary
- Bell CAD Reservation Boundaries

10 mi



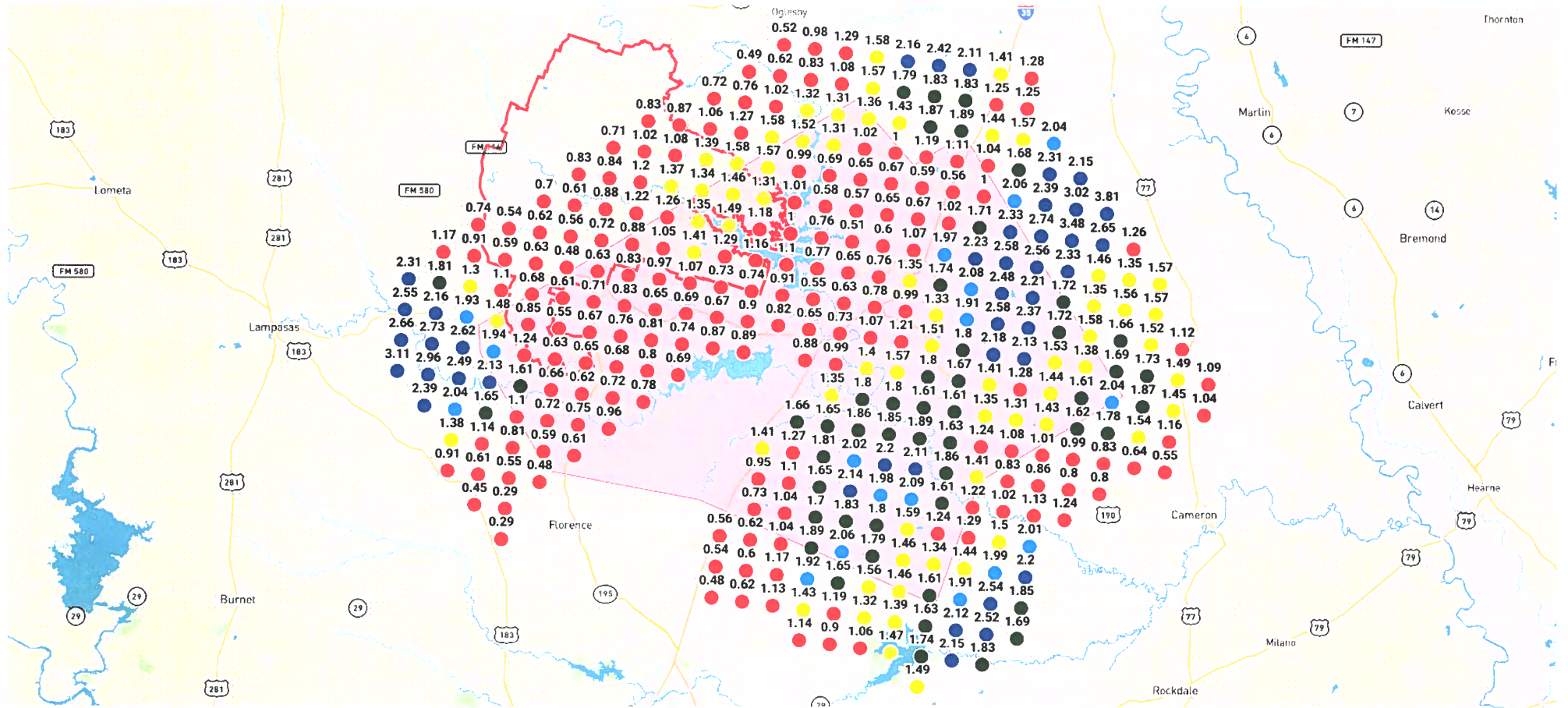
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10 mi



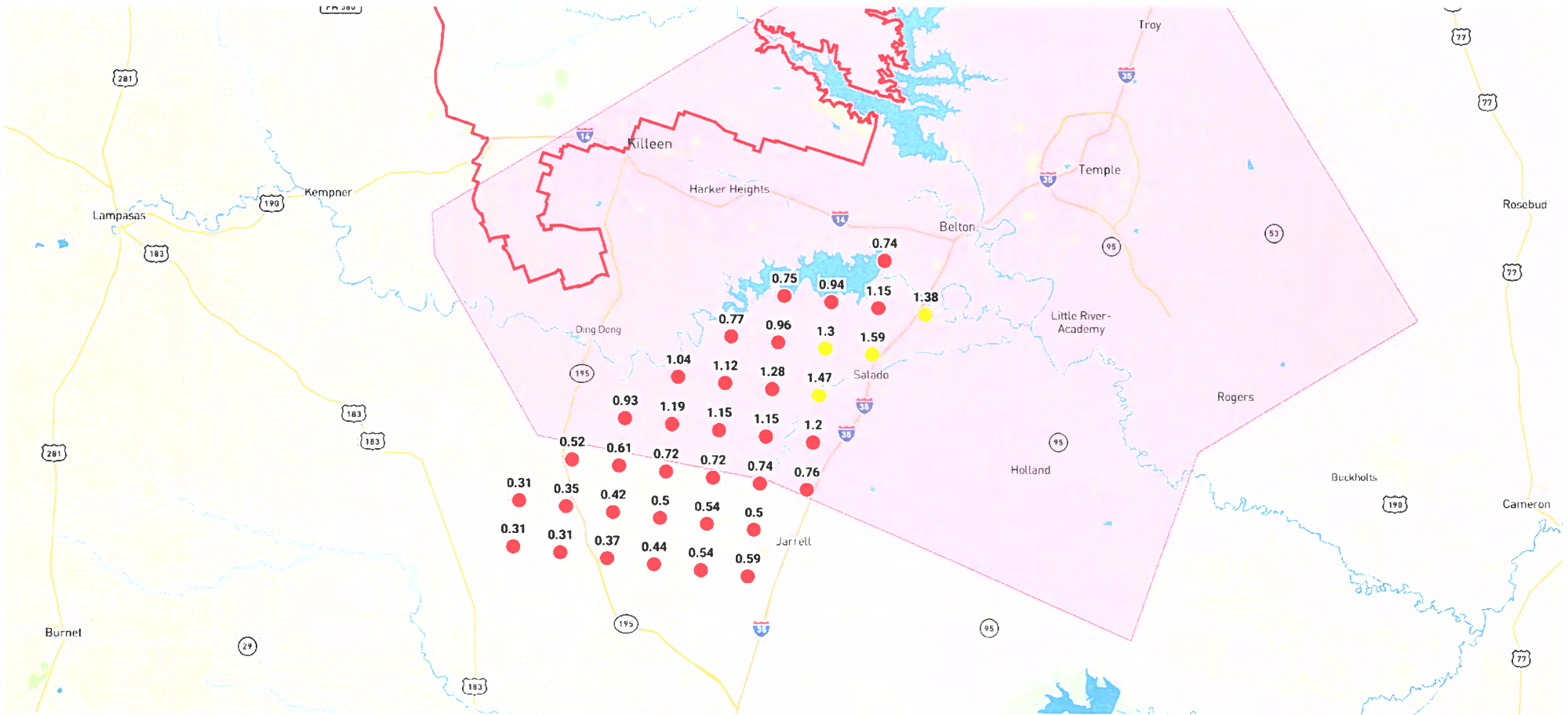
- 0 - 1.3 in
- 1.3 - 1.6 in
- 1.6 - 1.9 in
- 1.9 - 2.1 in
- 2.1+ in
- N/A Value
- Bell CAD County Boundary
- Bell CAD Reservation Boundaries

10 mi



- 0 - 1.3 in
- 1.6 - 1.9 in
- 2.1+ in
- Bell CAD County Boundary
- 1.3 - 1.6 in
- 1.9 - 2.1 in
- N/A Value
- Bell CAD Reservation Boundaries

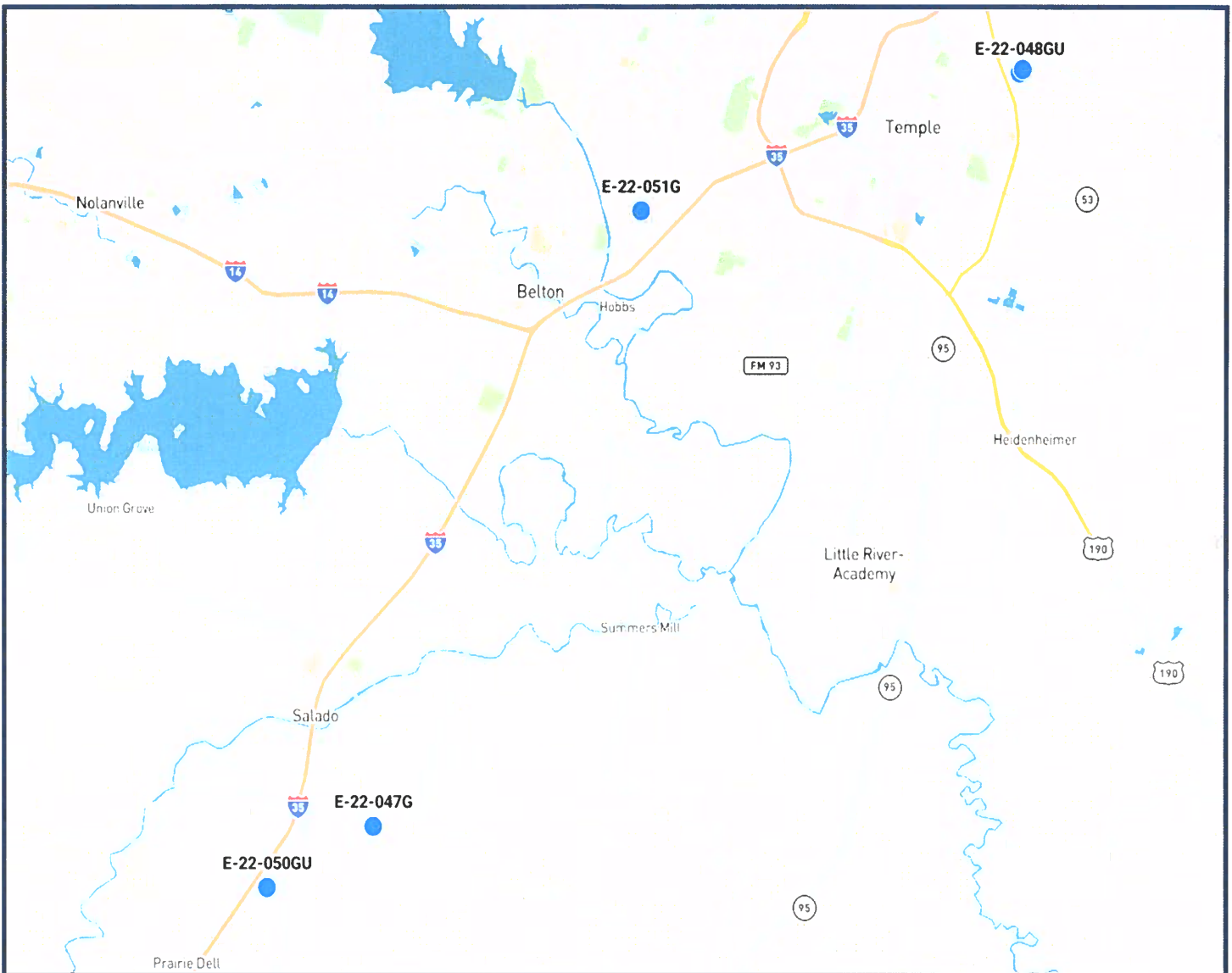
10 mi



- 0 - 1.3 in
- 1.6 - 1.9 in
- 2.1+ in
- Bell CAD County Boundary
- 1.3 - 1.6 in
- 1.9 - 2.1 in
- N/A Value
- Bell CAD Reservation Boundaries

10 mi

Registered Wells - June 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-22-047G	Del Salado Ventures, LLC	10003 Kabar Trl	Austin	Edwards	350'	Lstk/Pltry	Active
E-22-048GU	Clemo Ray	2229 E Young Ave	Temple	Alluvium	30'	Domestic	Abandoned
E-22-049GU	Clemo Ray	2229 E Young Ave	Temple	Alluvium	30'	Domestic	Abandoned
E-22-050GU	Kevin McCoy	PO Box 570	Salado	Edwards	150'	Domestic	Abandoned
E-22-051G	Frank LaGrange	4209 Old Waco Rd	Temple	Alluvium	45'	Domestic	Plugged

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	5	0	0	0	0	0	0	5
July								0
Aug								0
Sep								0
Oct								0
Nov								0
Dec								0
Total 2022	17	33	0	1	3	0	0	54
Grand Totals	4463	1167	106	42	73	26	121	5998

Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells			Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Water	Envr	
2002-Present	4463	1167	106	42	73	26	121	5998
Never Drilled	N/A	-27	N/A	-3	-4	0	-1	-35
Plugged	-203	-42	-18	-2	-1	-2	-53	-321
Totals	4260	1098	88	37	68	24	67	5642