



Clearwater Underground Water Conservation District

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Leland Gersbach, President

Gary Young

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Scott Brooks

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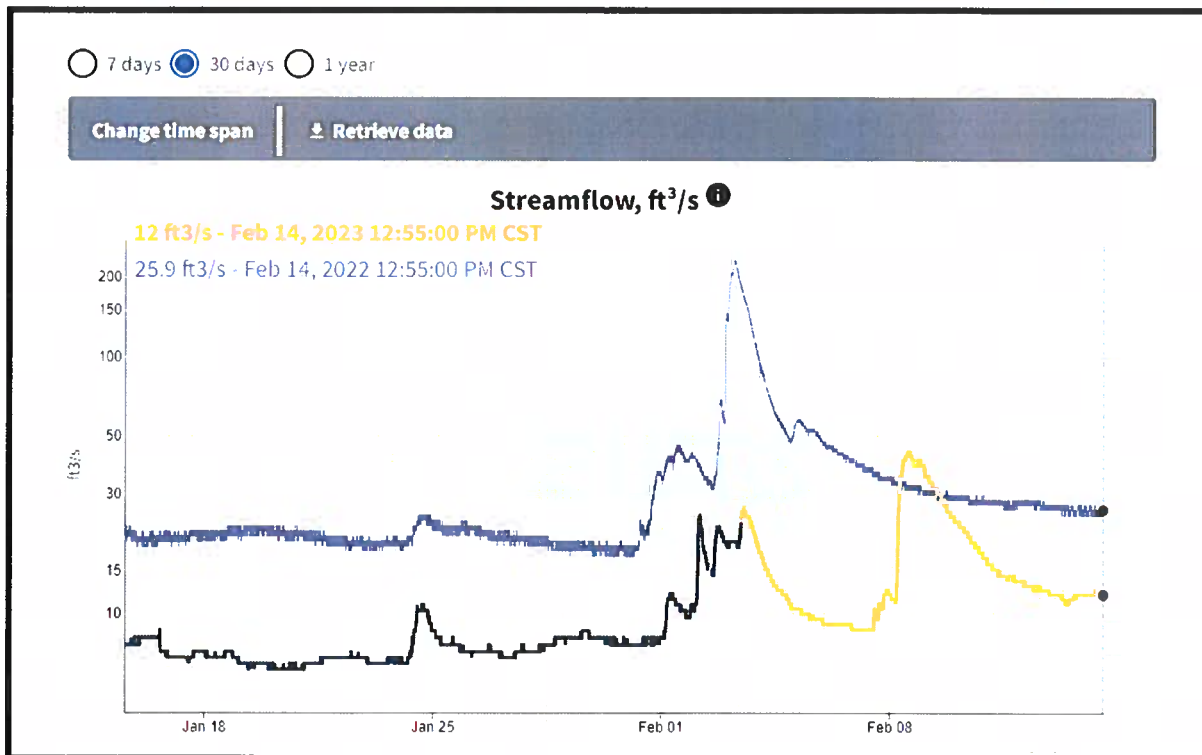
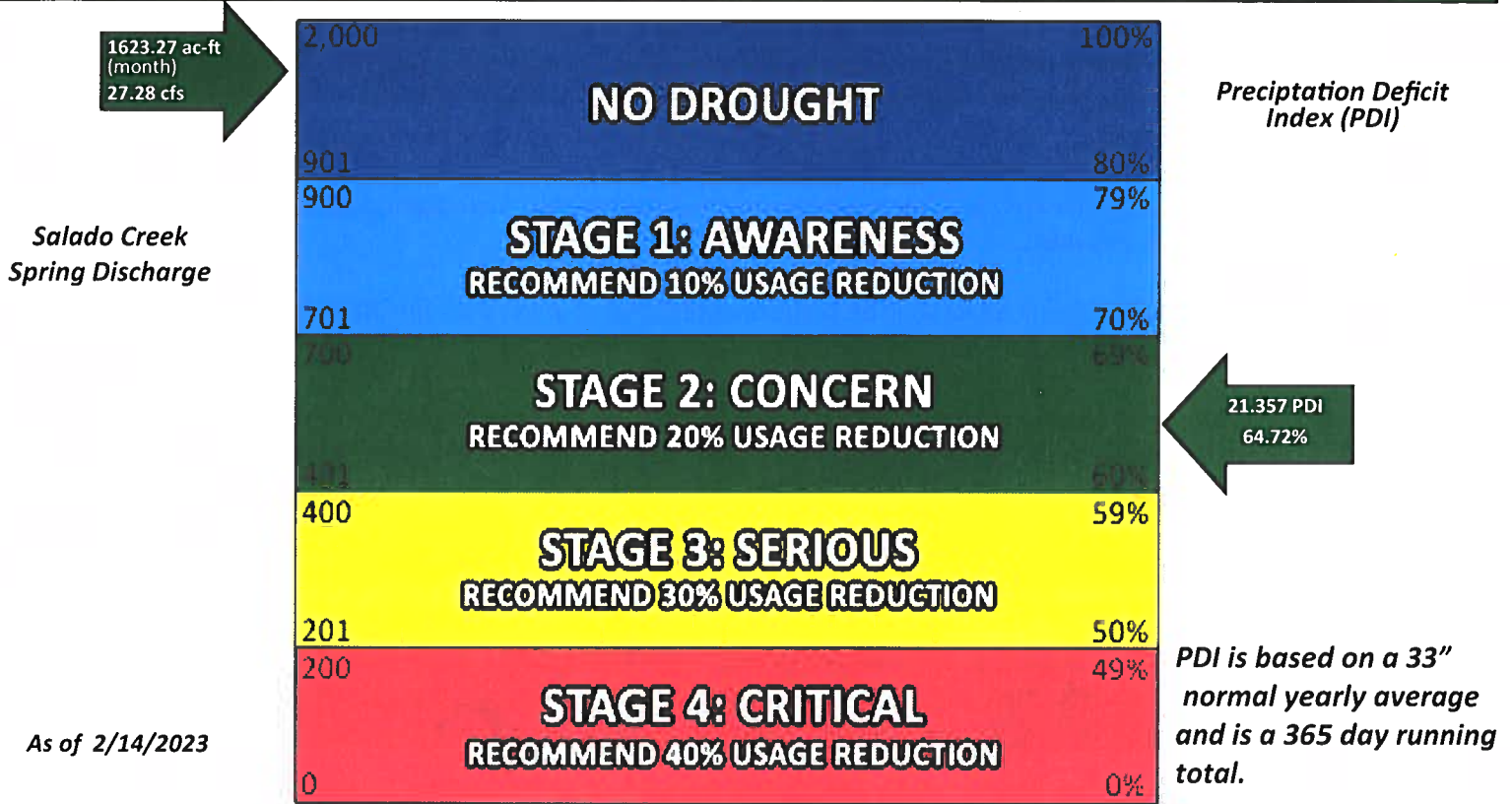
Clearwater Staff Reports

February 15, 2023

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

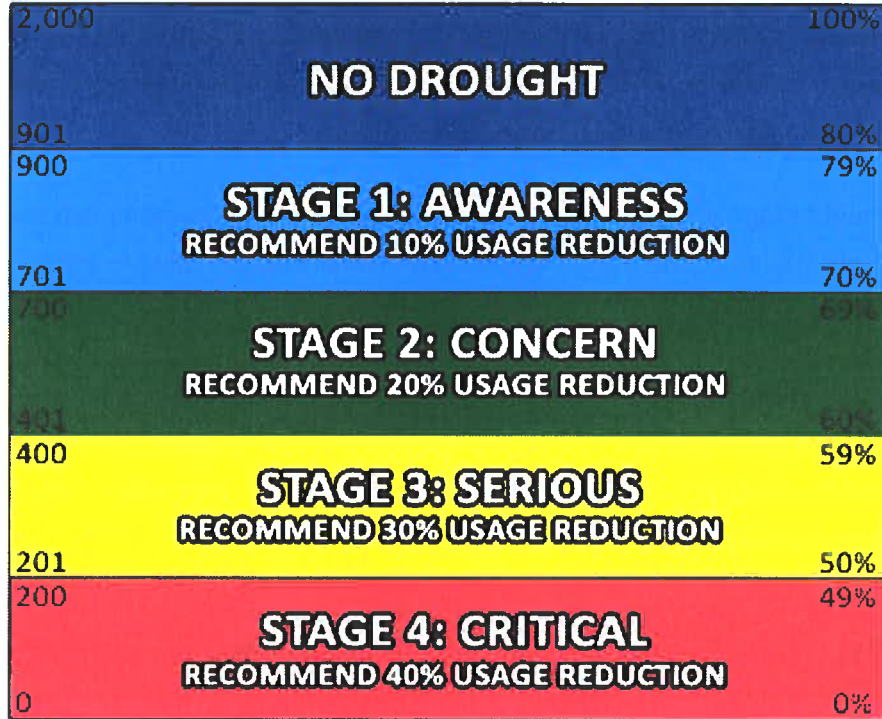
Edwards BFZ Aquifer—Drought Status Report

STAGE 2: CONCERN



Trinity Aquifer—Drought Status Report

STAGE 2: CONCERN

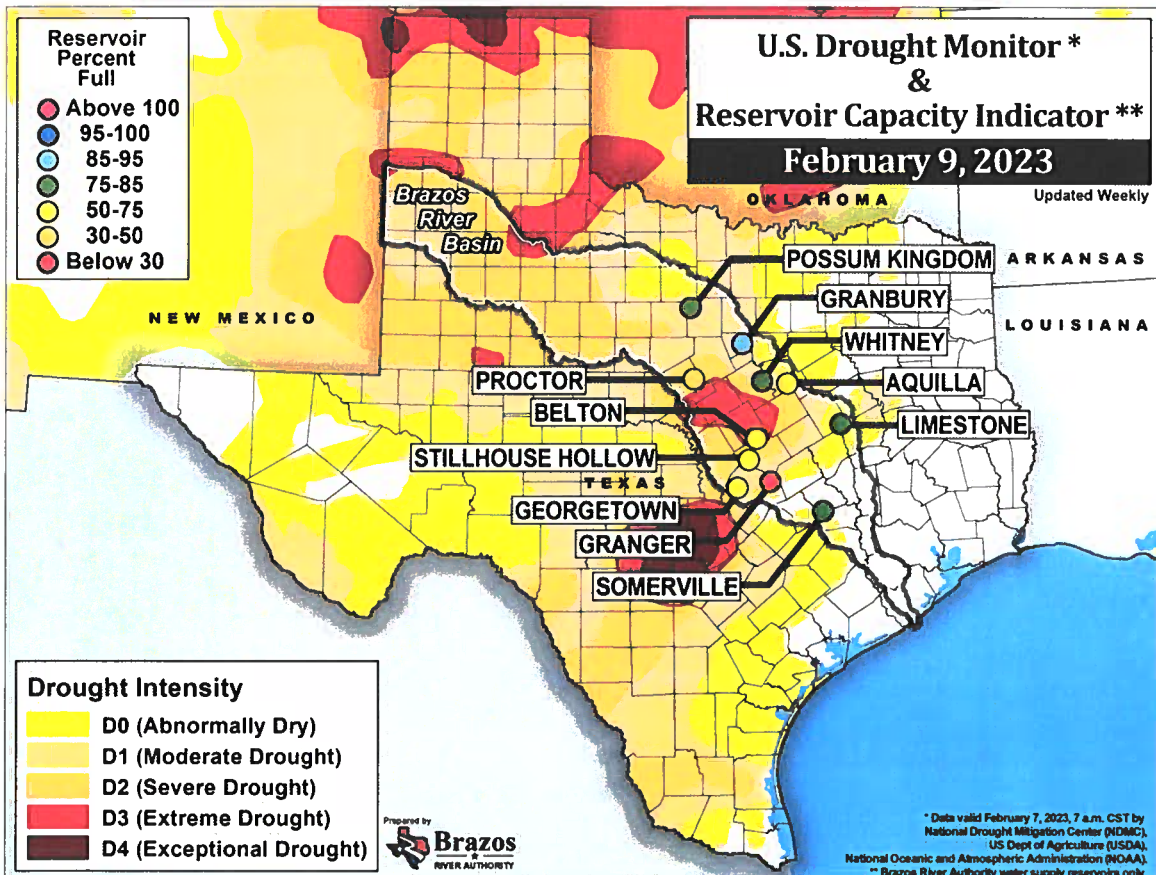


Precipitation Deficit Index (PDI)



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

AS OF 2/14/2023





Education Outreach Highlights 2/15/23

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).

- January 18 – Staff hosted a booth at the Bell County Crops Conference. 142 in attendance.

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).

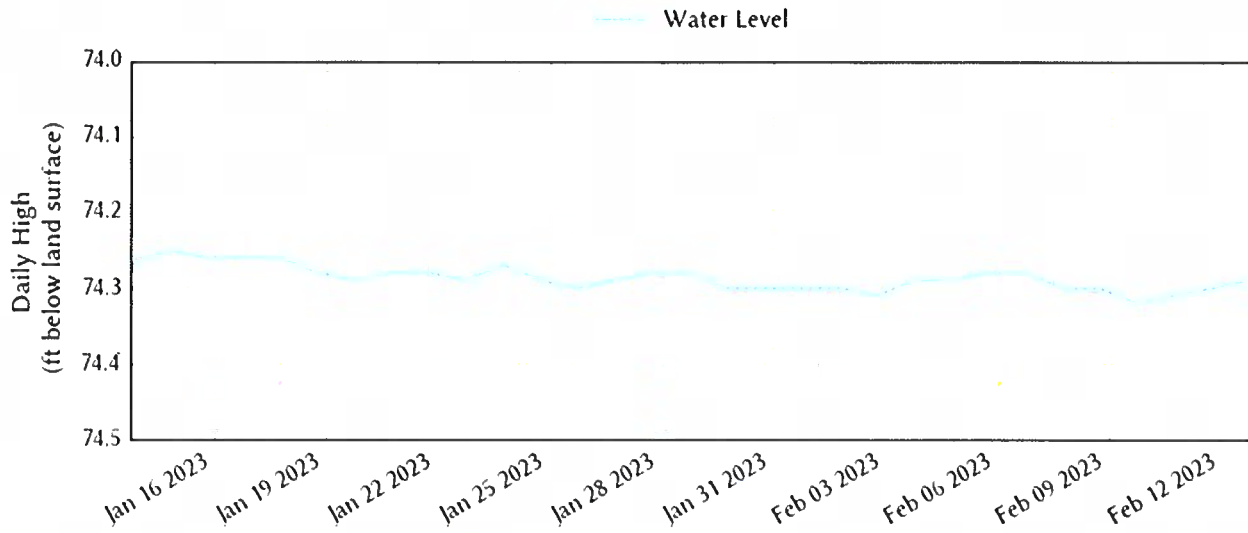
- Staff presented the 2022 Draft Annual Report on February 15, 2023.

February 2023

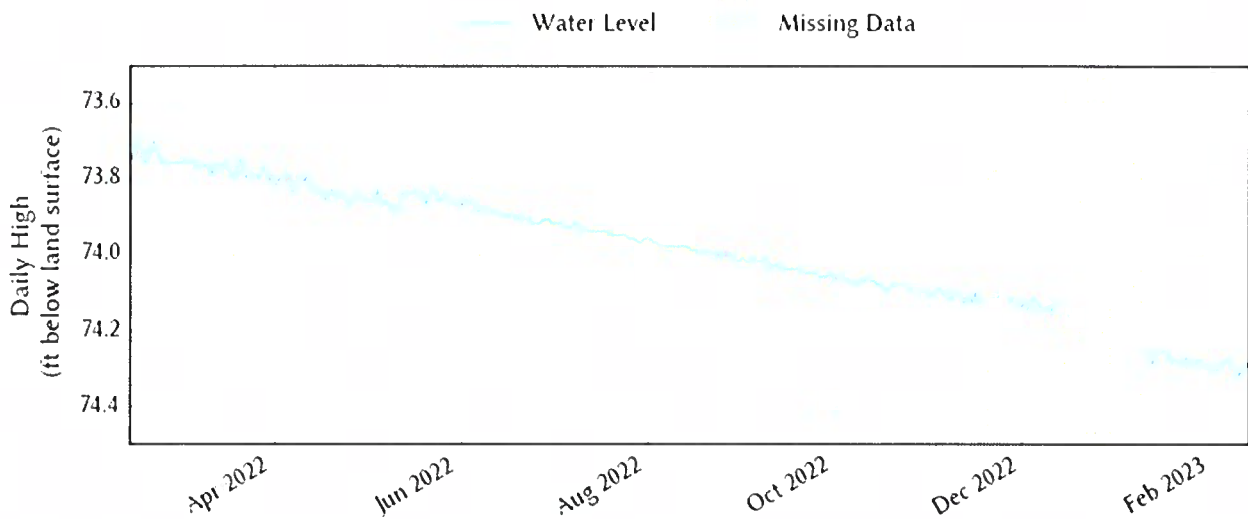
**Continuous Monitoring Well # 5804702
(FM 2843 - Patterson's Crossing - Salado Creek)
Edwards Aquifer**

Last 30 Days

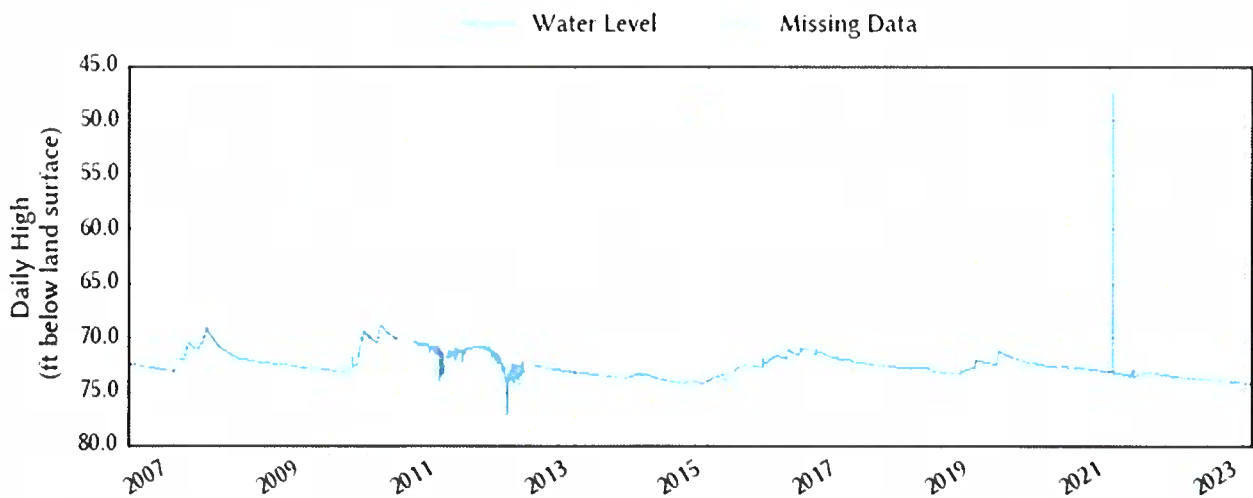
Total Depth: 95 ft



1 Year



Period Of Record

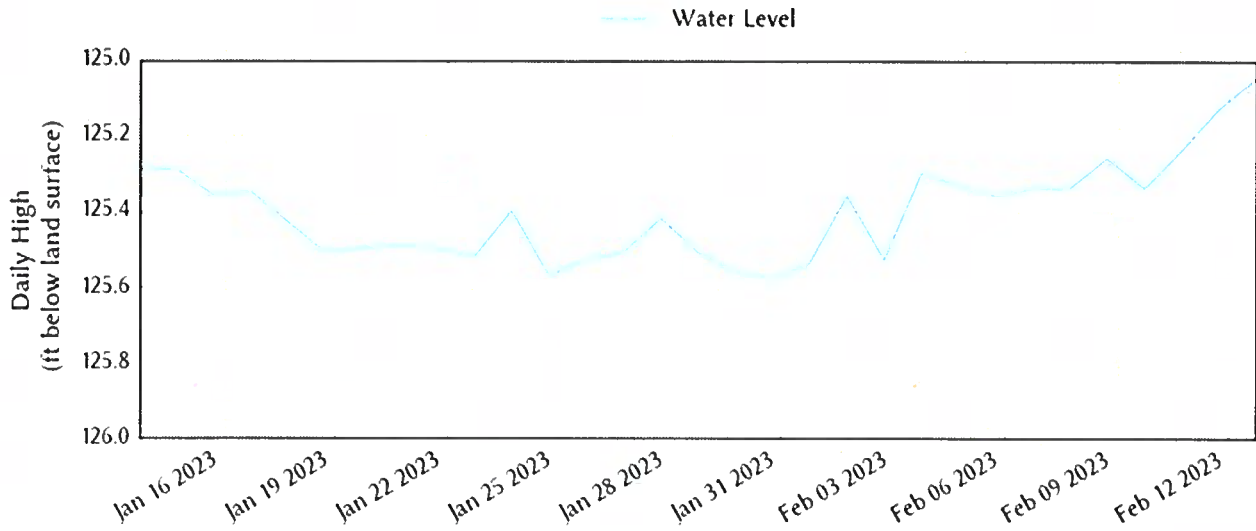


February 2023

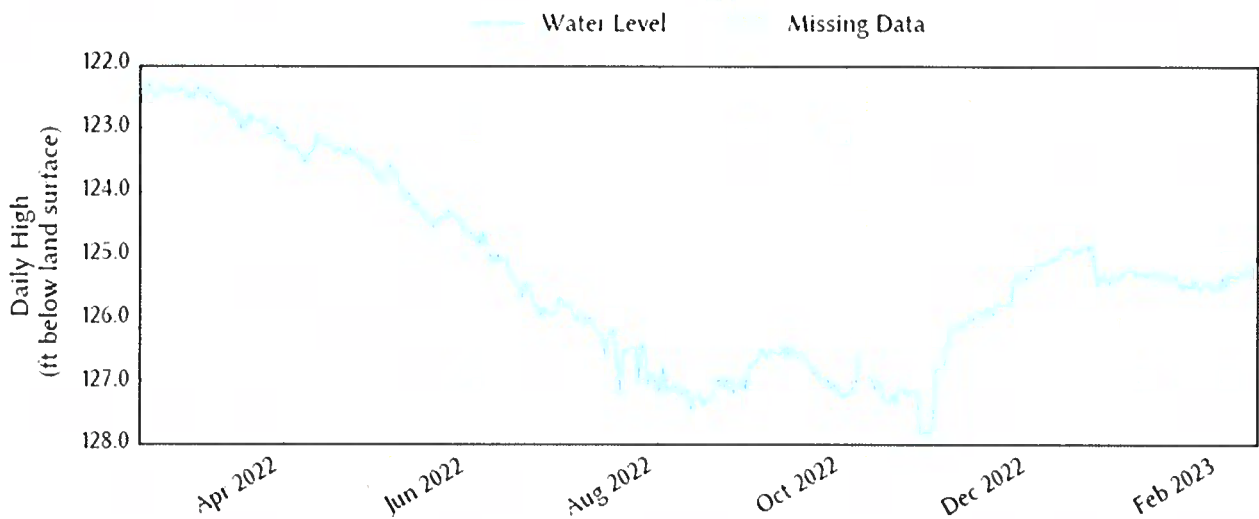
**Continuous Monitoring Well # 5804816
(IH-35 Rest Stop - West)
Edwards Aquifer**

Last 30 Days

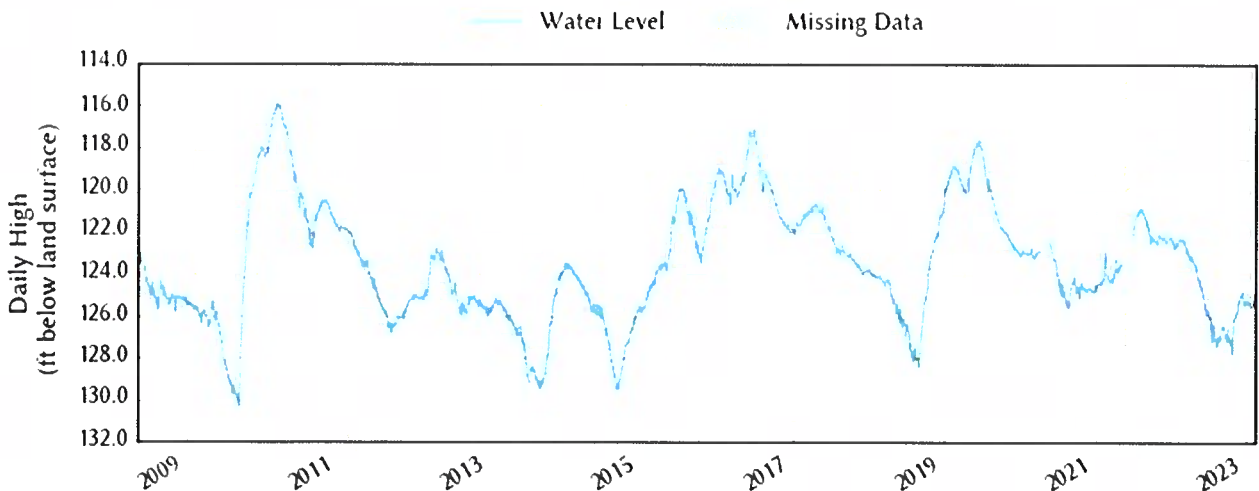
Total Depth: 170 ft



1 Year



Period Of Record

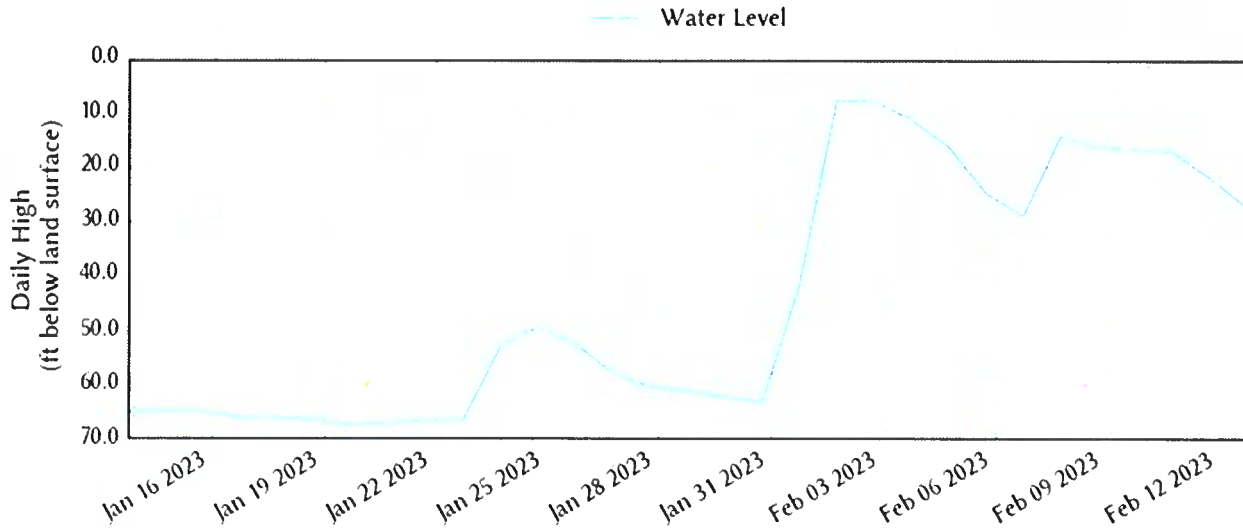


February 2023

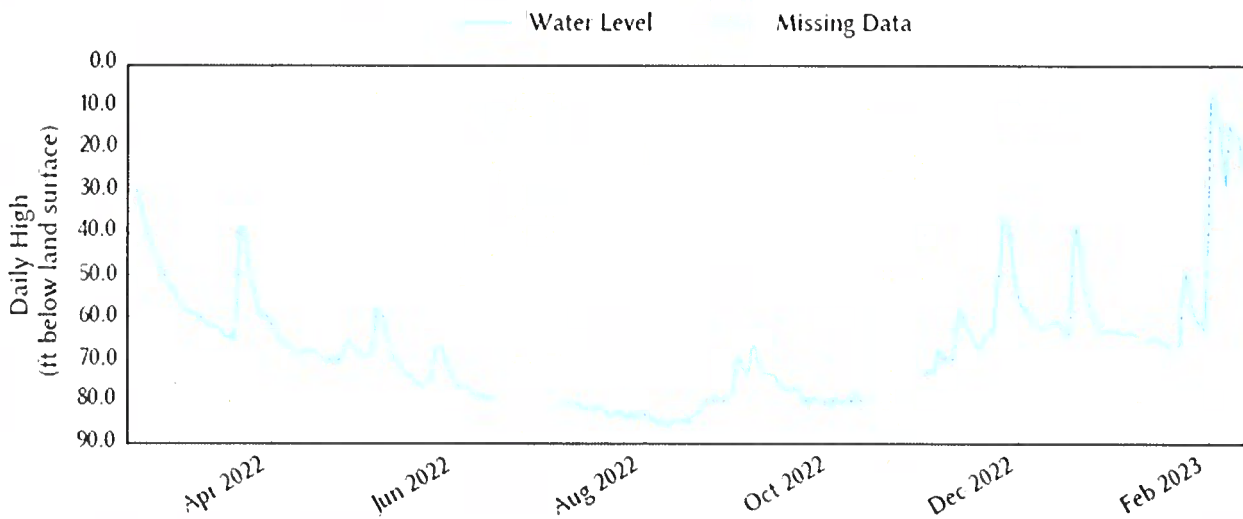
**Continuous Monitoring Well # 5804628
(Salado Cemetery)
Edwards Aquifer**

Last 30 Days

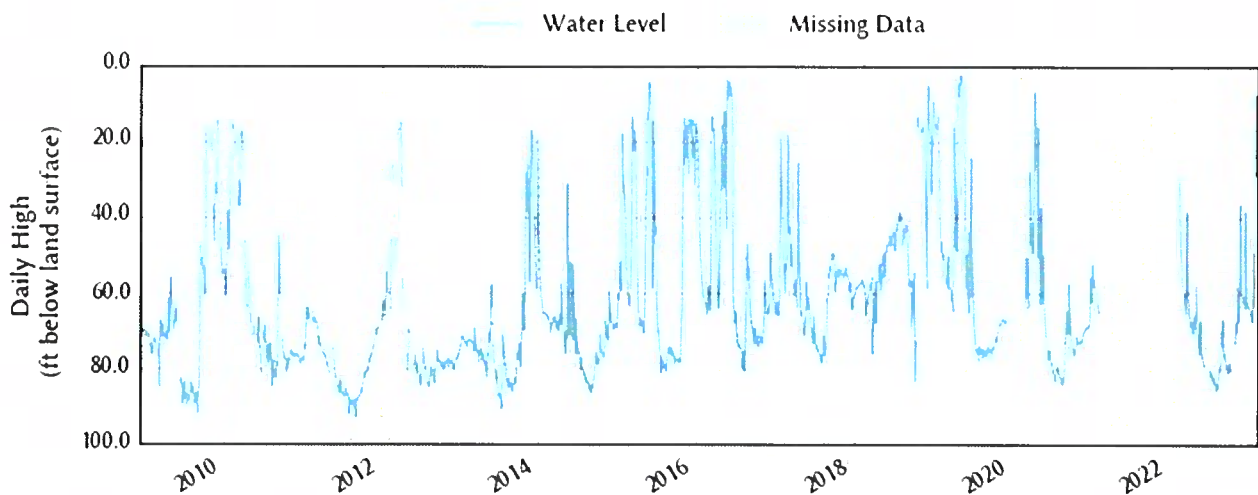
Total Depth: 129 ft



1 Year



Period Of Record

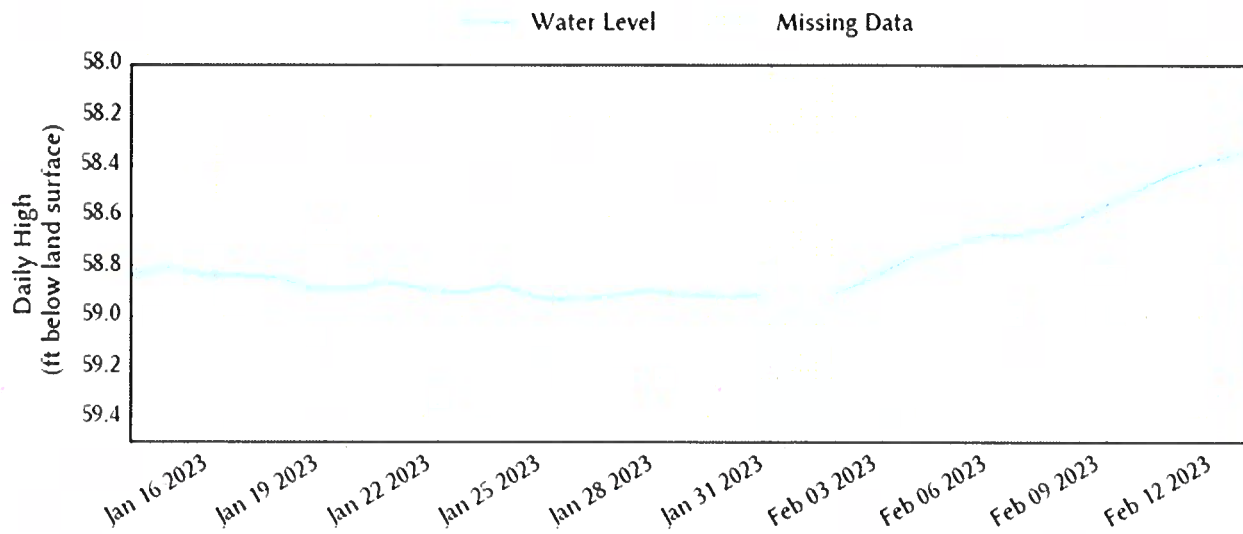


February 2023

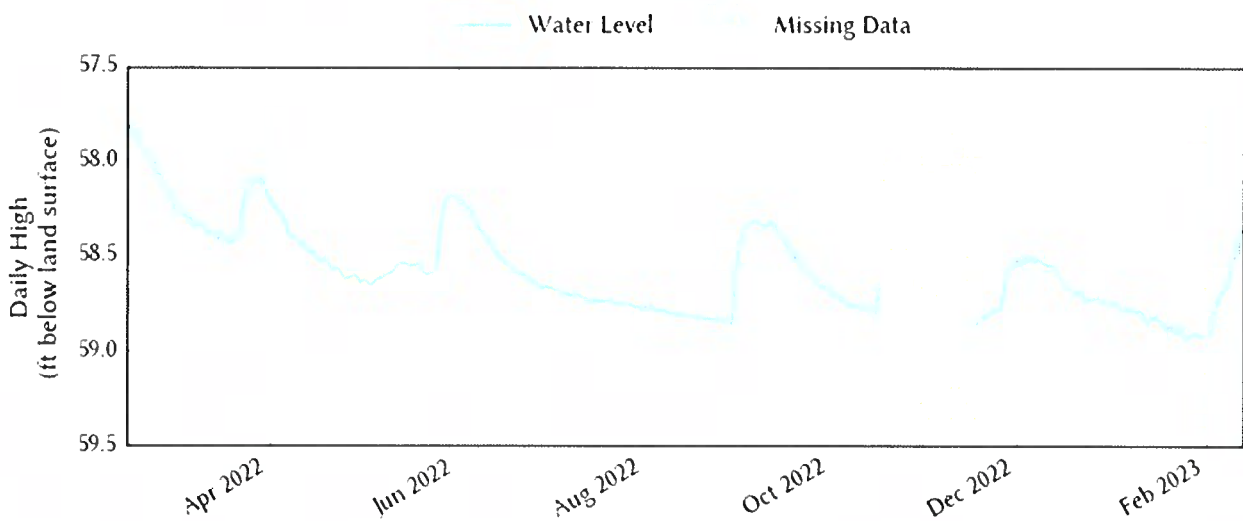
**Continuous Monitoring Well # 5803702
(Gault Site - Williamson County)
Edwards Aquifer**

Last 30 Days

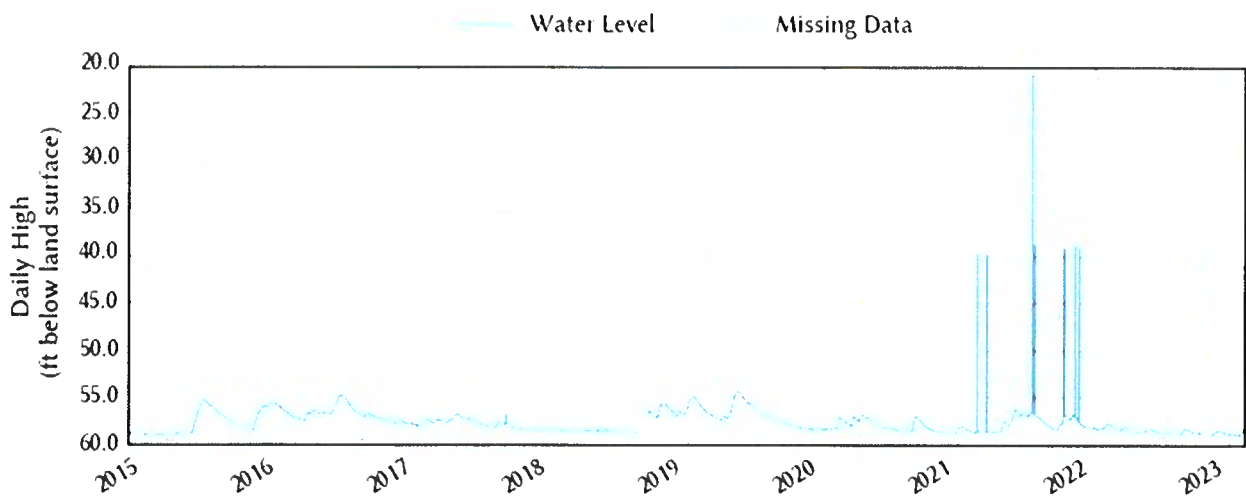
Total Depth: 110 ft



1 Year



Period Of Record

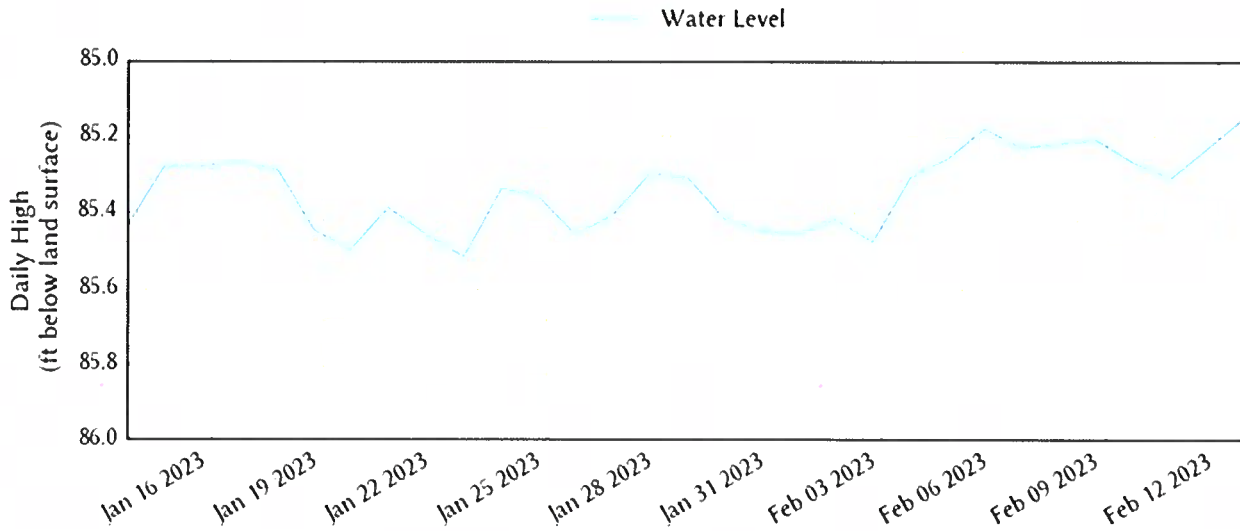


February 2023

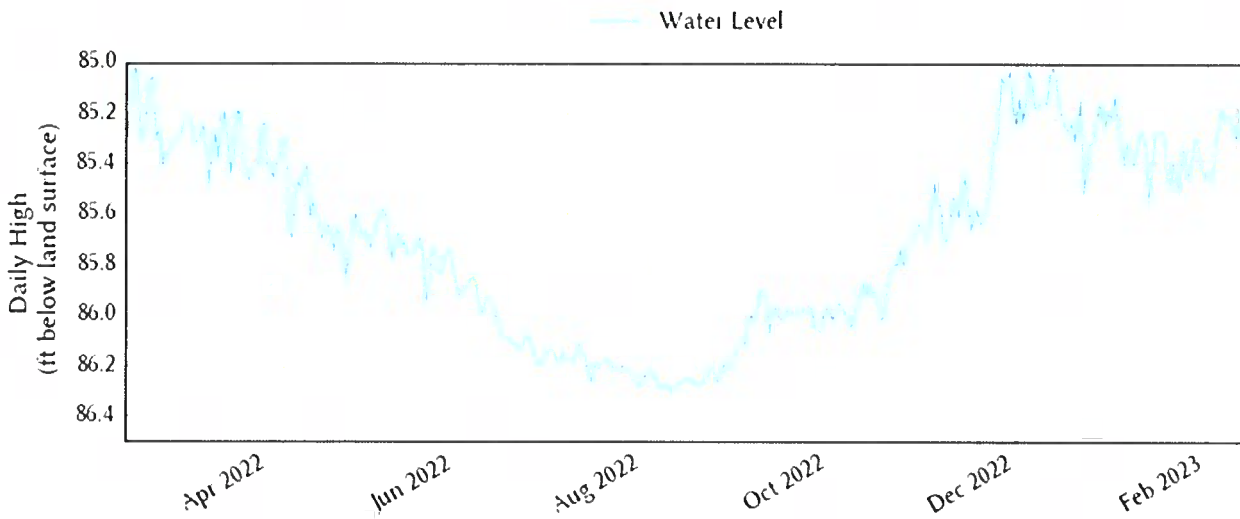
**Continuous Monitoring Well # 4058201
(Central Texas College - Ranch Rd)
Upper Trinity Aquifer**

Total Depth: 435 ft

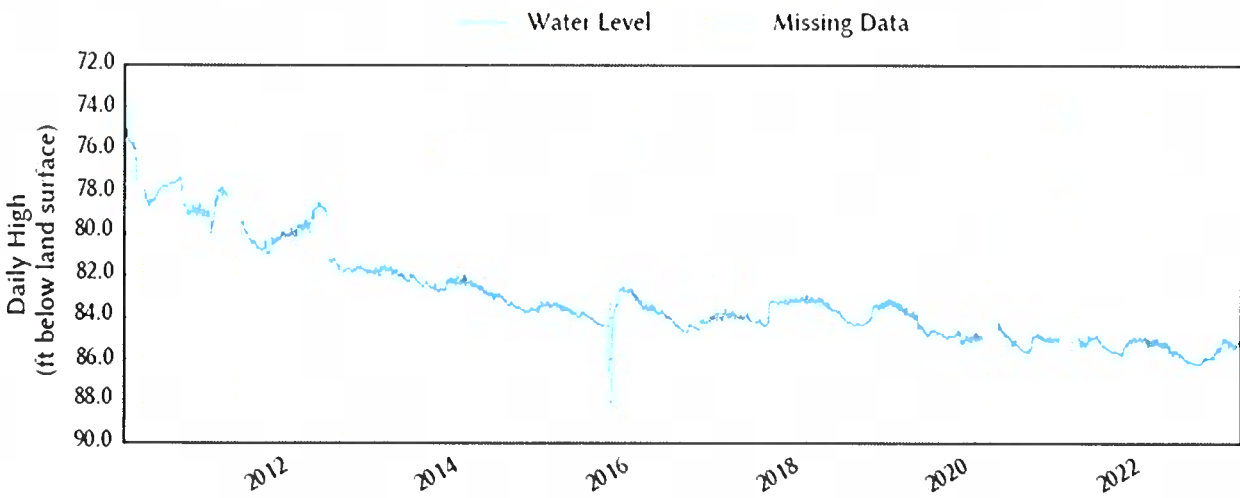
Last 30 Days



1 Year



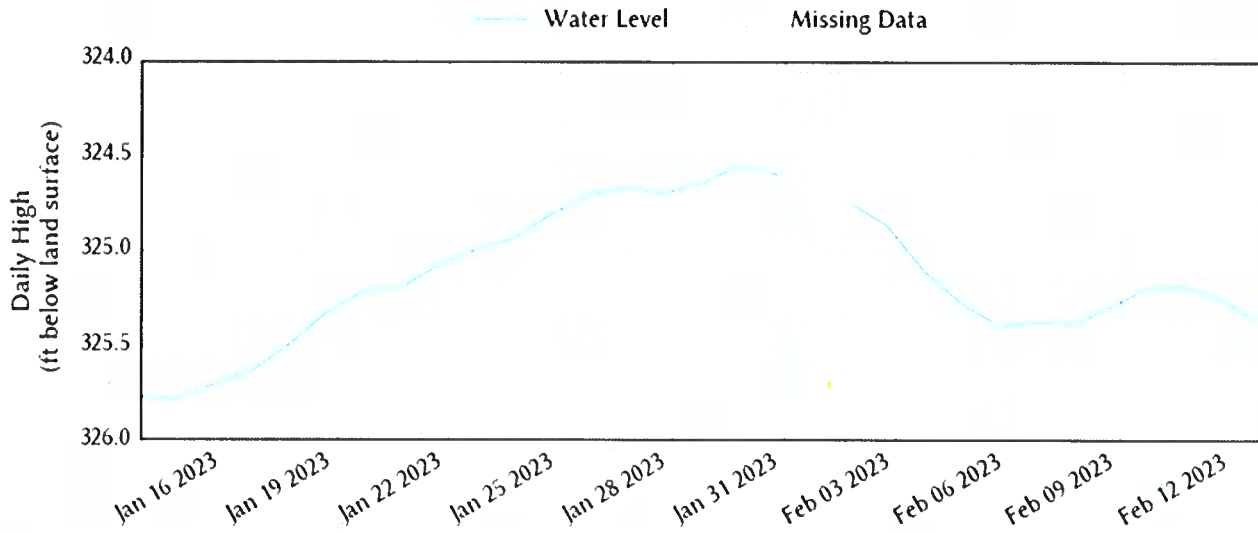
Period Of Record



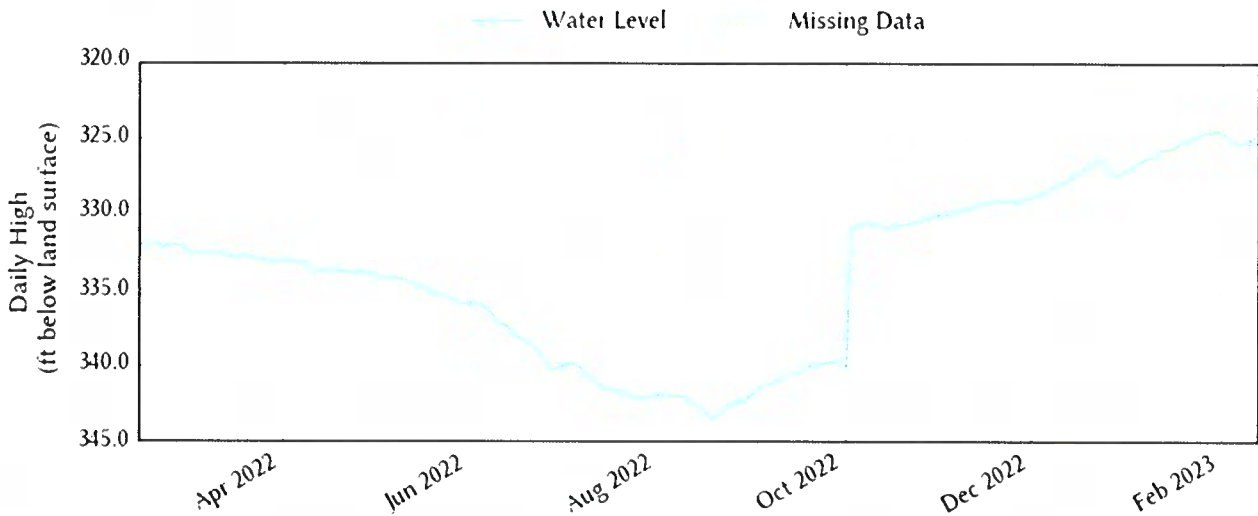
Continuous Monitoring Well # 4057601
(Copperas Cove)
Middle Trinity Aquifer

Total Depth: 469ft

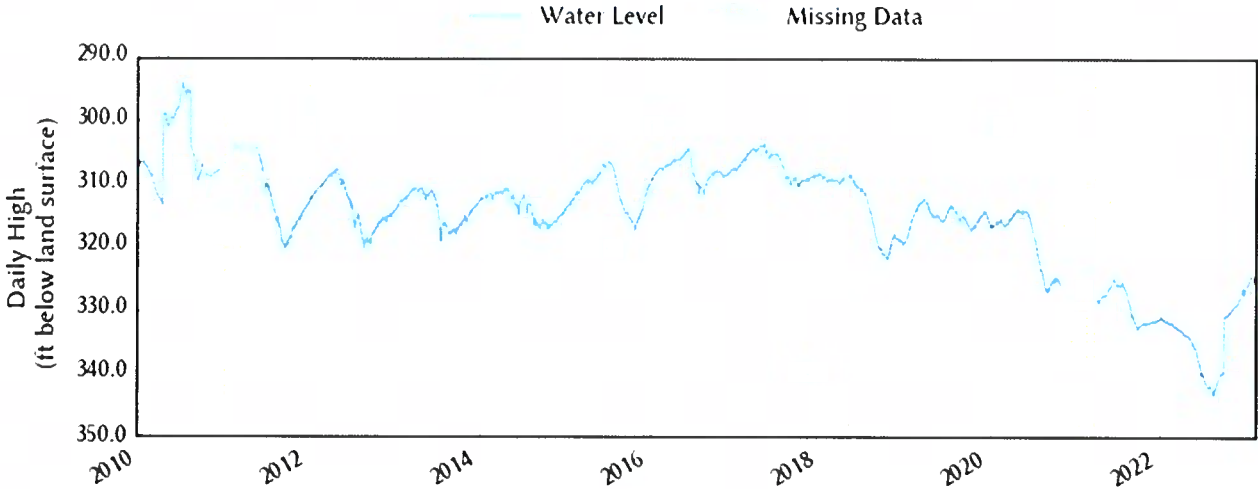
Last 30 Days



1 Year



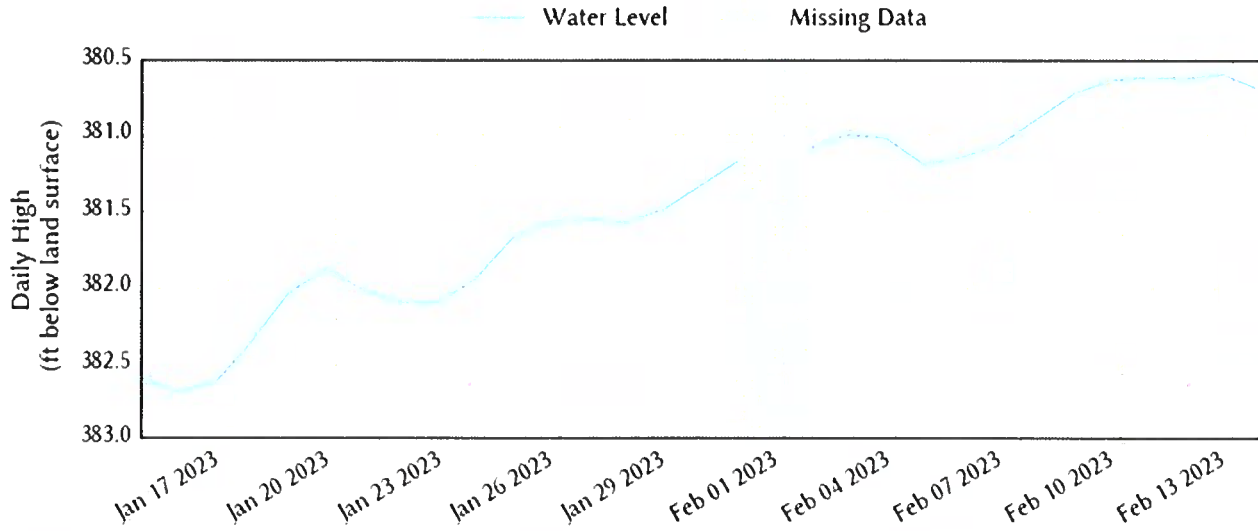
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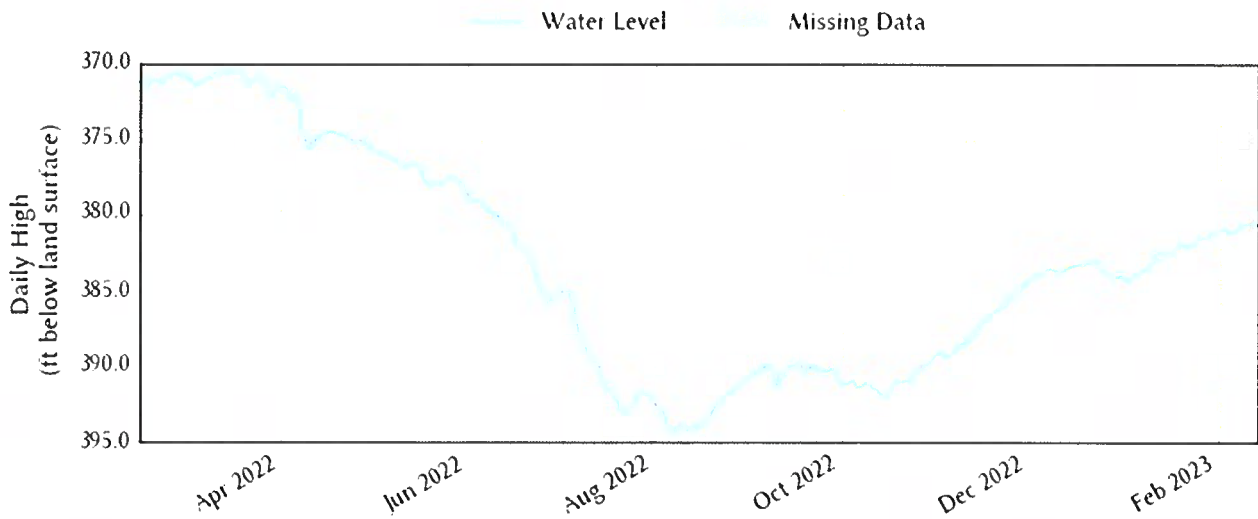
Continuous Monitoring Well # 5802304
(Killeen - River Ridge Ranch Park Well #1)
Middle Trinity Aquifer

Last 30 Days

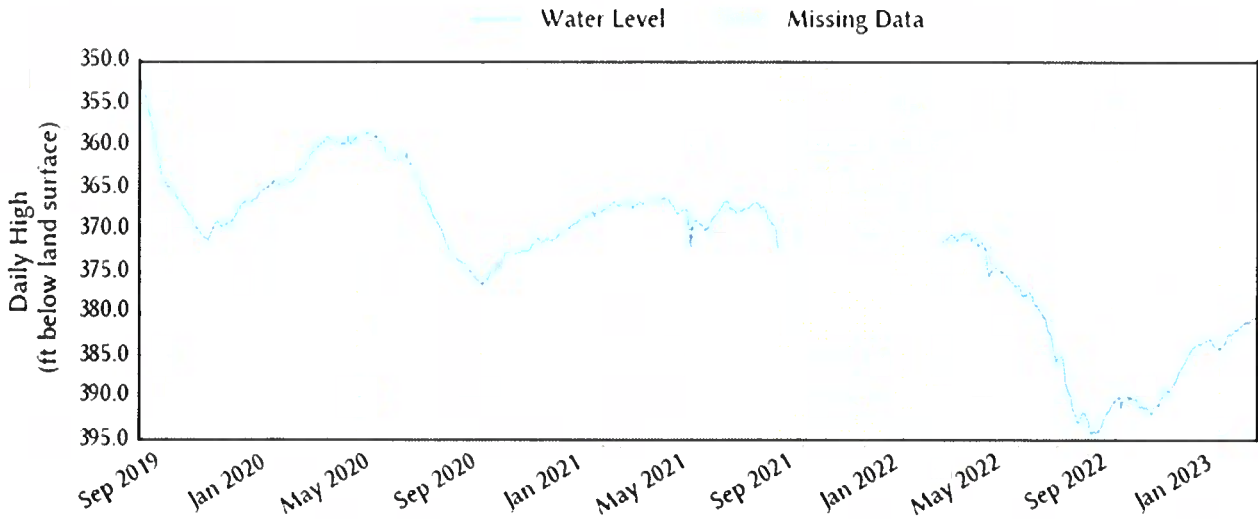
Total Depth: 467 ft



1 Year



Period Of Record

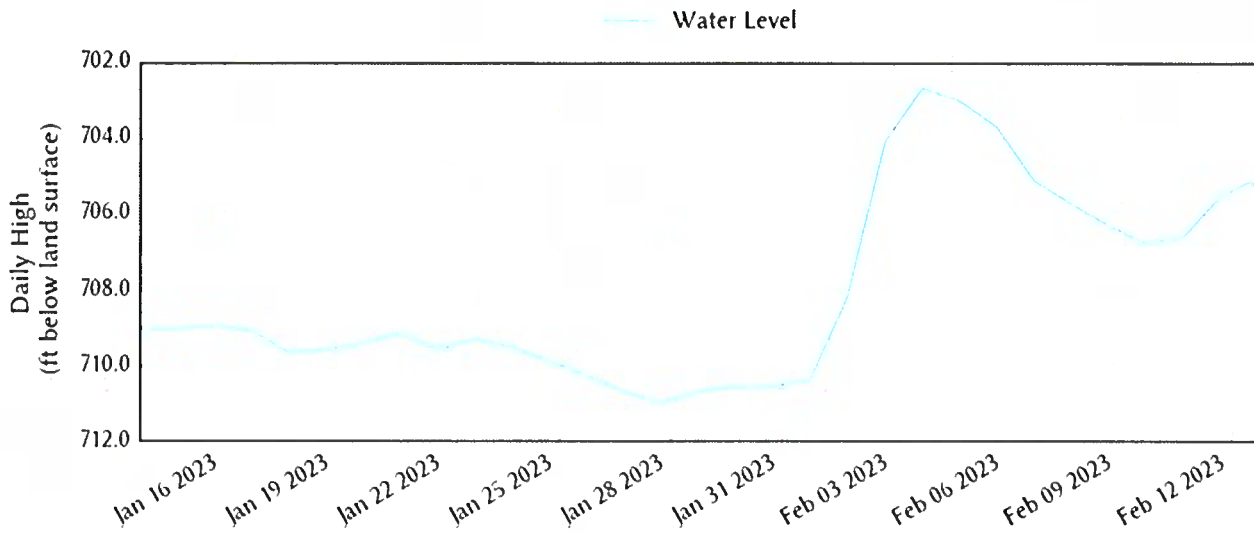


February 2023

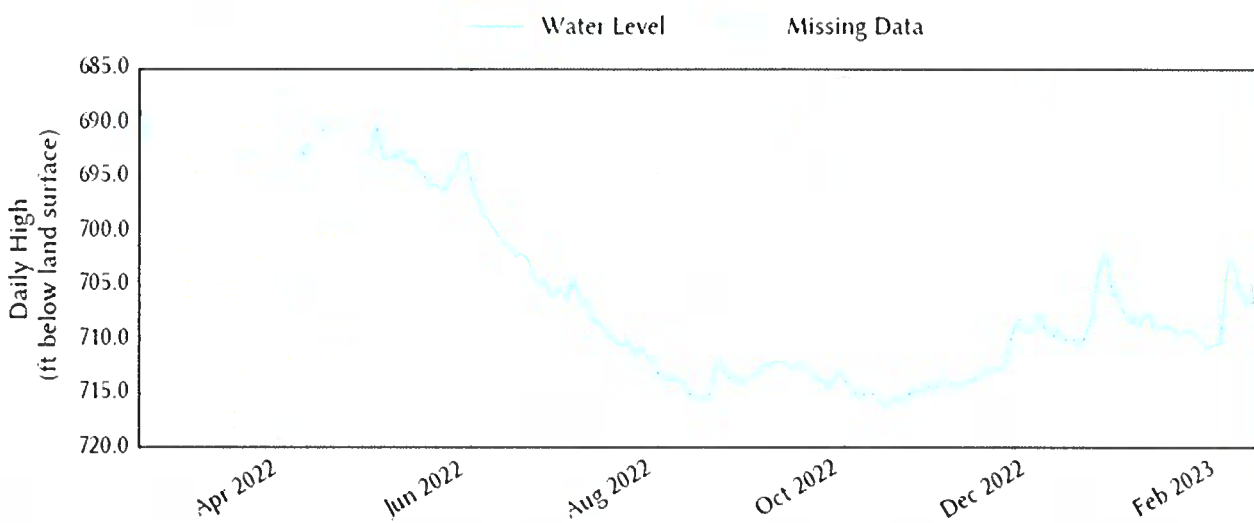
**Continuous Monitoring Well # 5803701
(Gault Site - Williamson County)
Middle Trinity Aquifer**

Total Depth: 880 ft

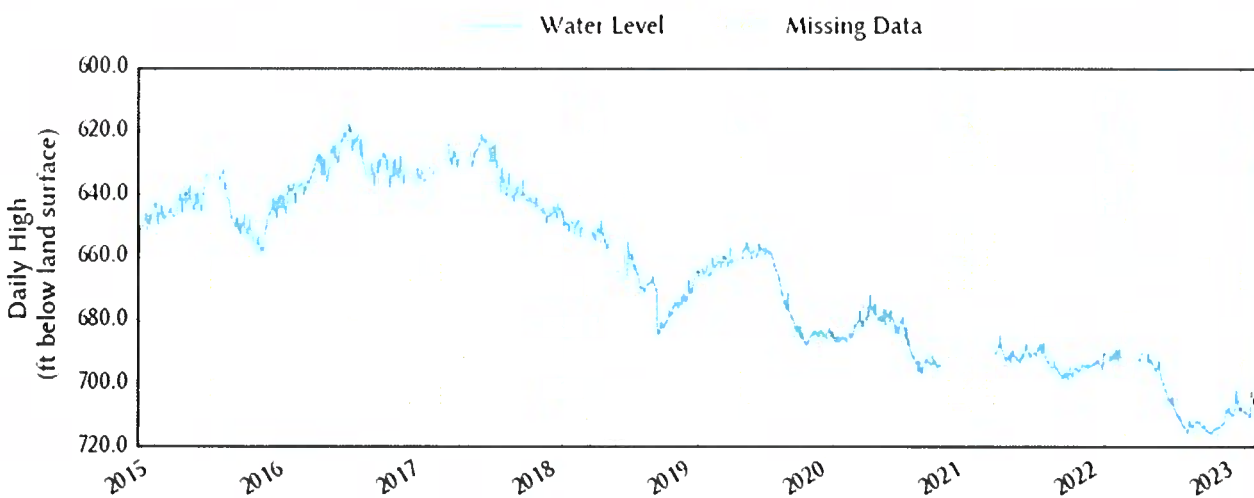
Last 30 Days



1 Year



Period Of Record

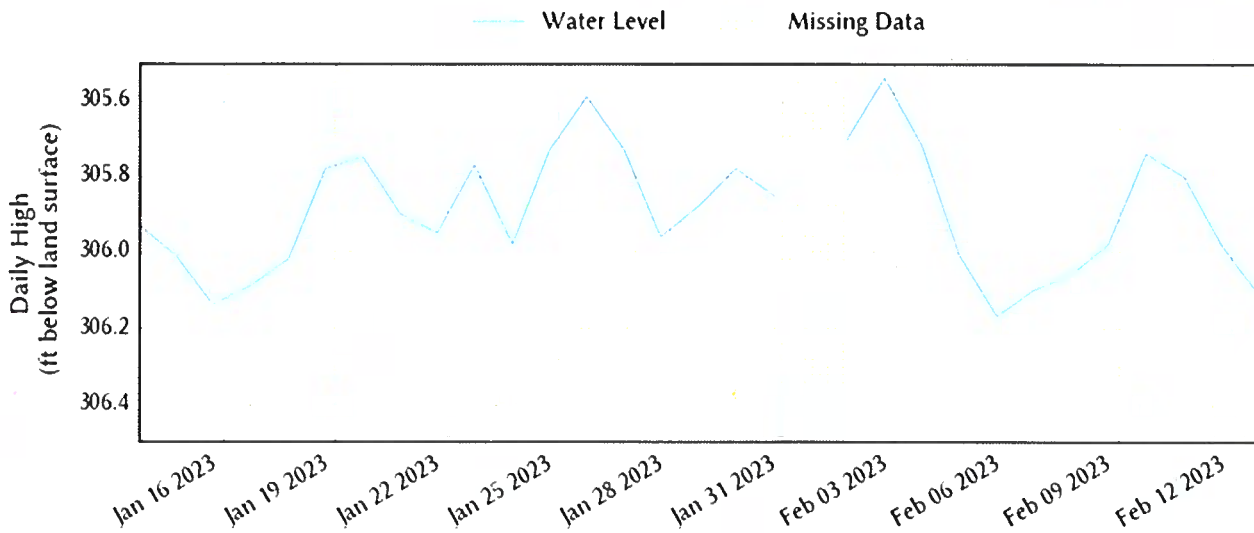


February 2023

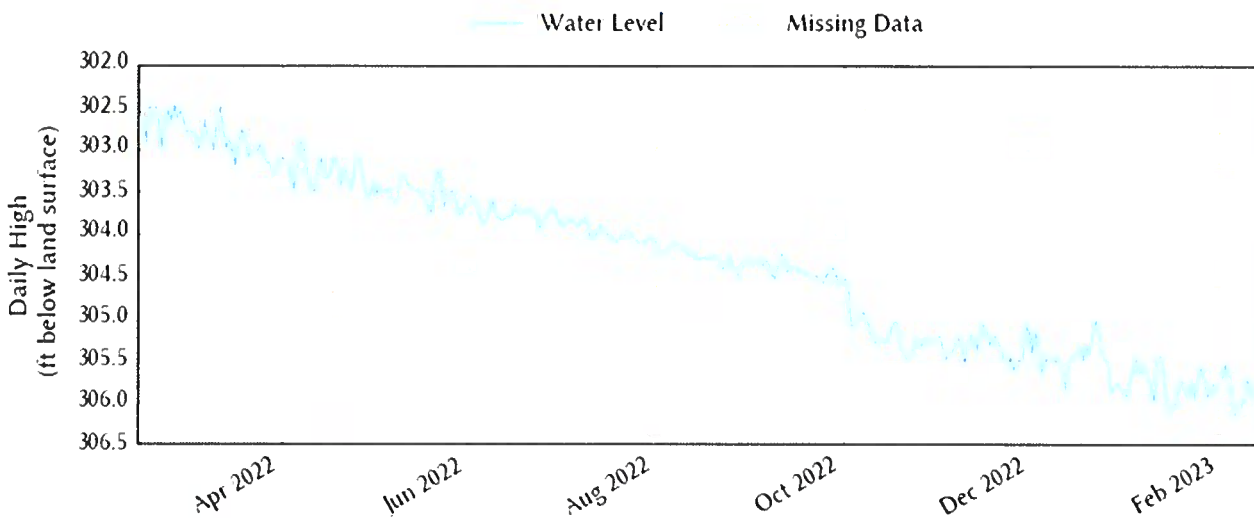
**Continuous Monitoring Well # 4057602
(Copperas Cove)
Lower Trinity Aquifer**

Last 30 Days

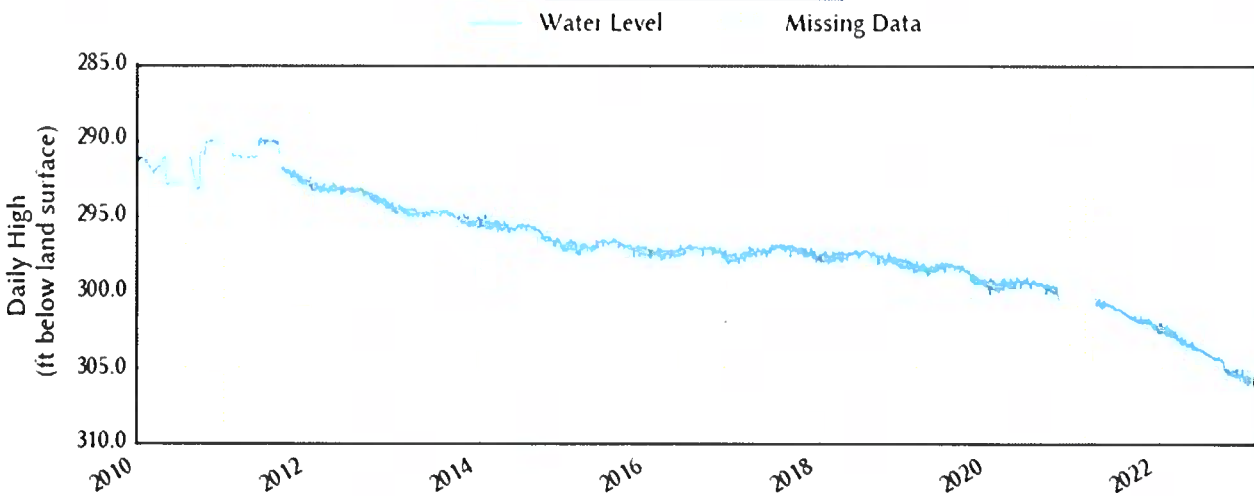
Total Depth: 629 ft



1 Year



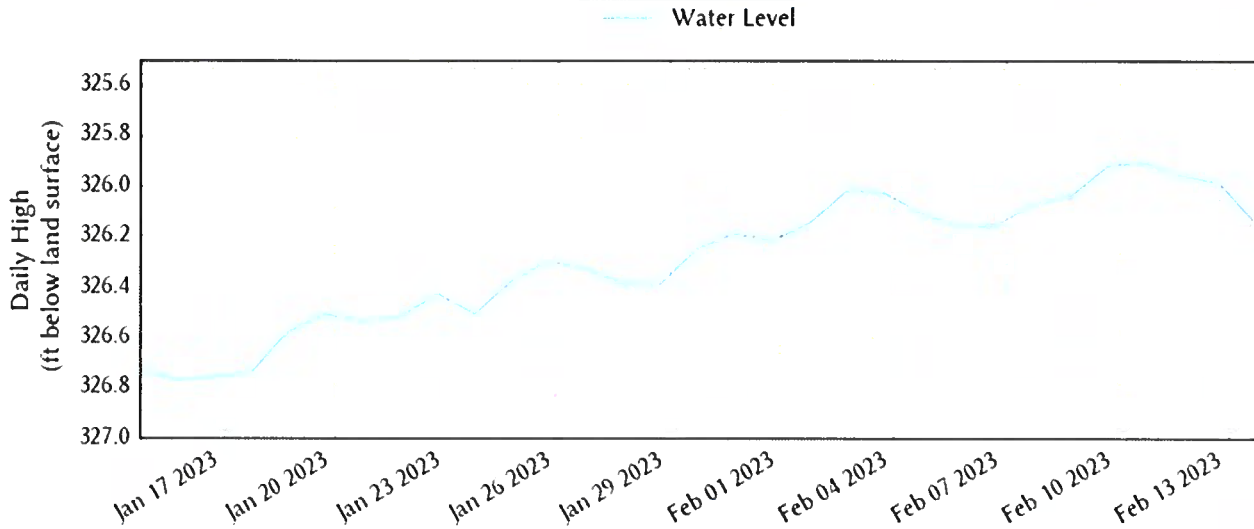
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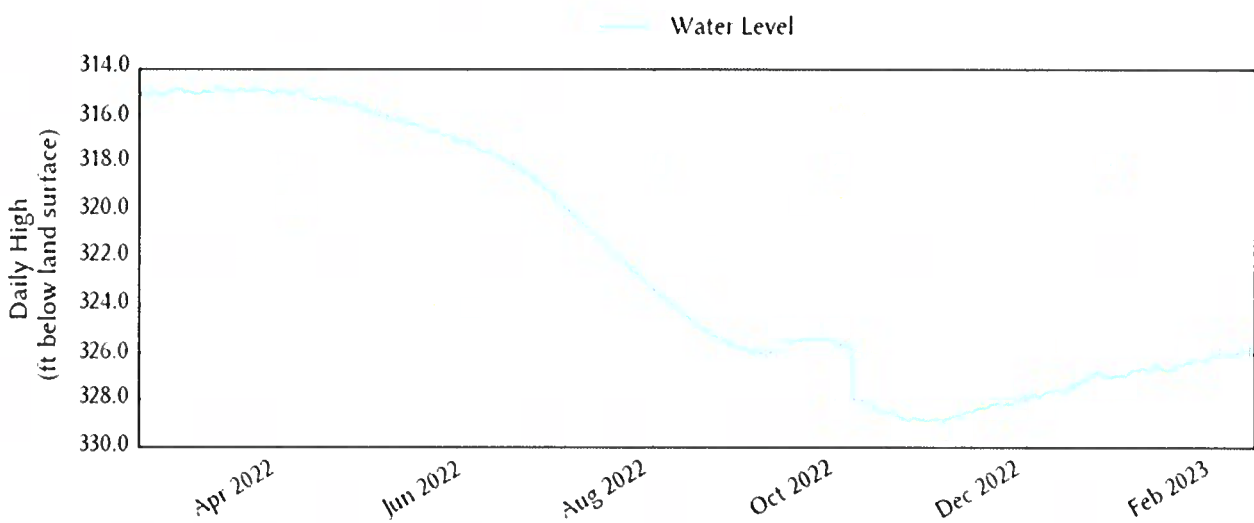
Continuous Monitoring Well # 5802303
(Killeen - River Ridge Ranch Park Well #2)
Lower Trinity Aquifer

Last 30 Days

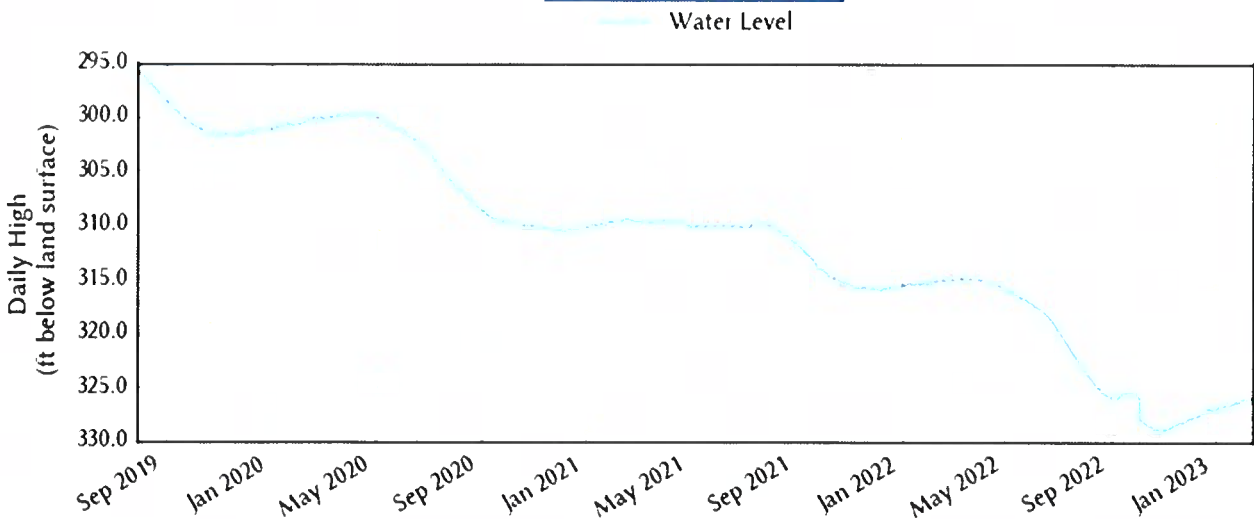
Total Depth: 637 ft



1 Year



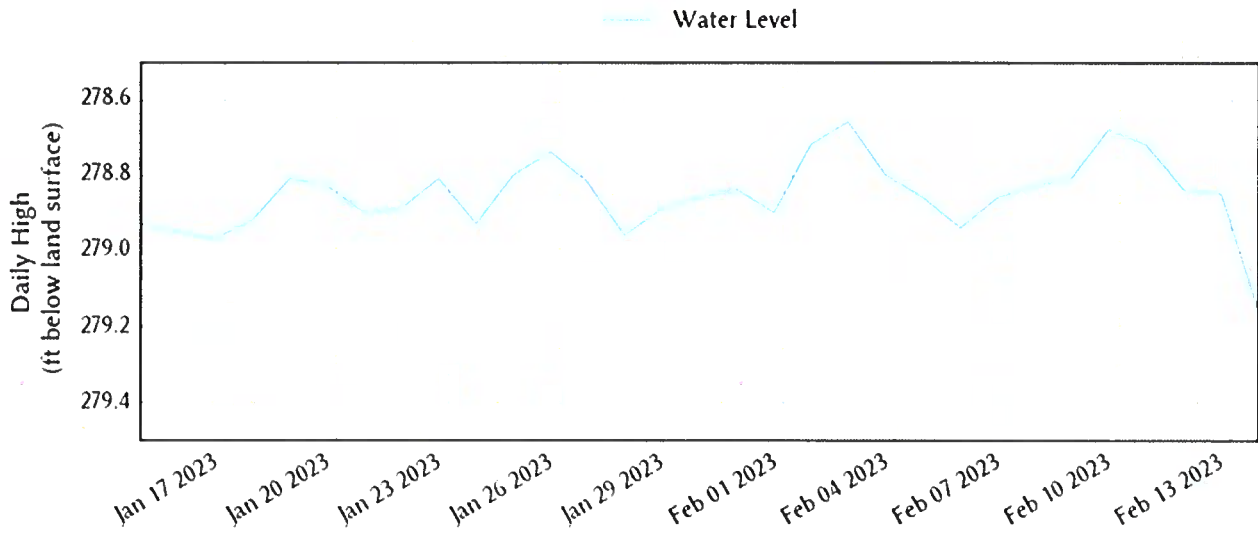
Period Of Record



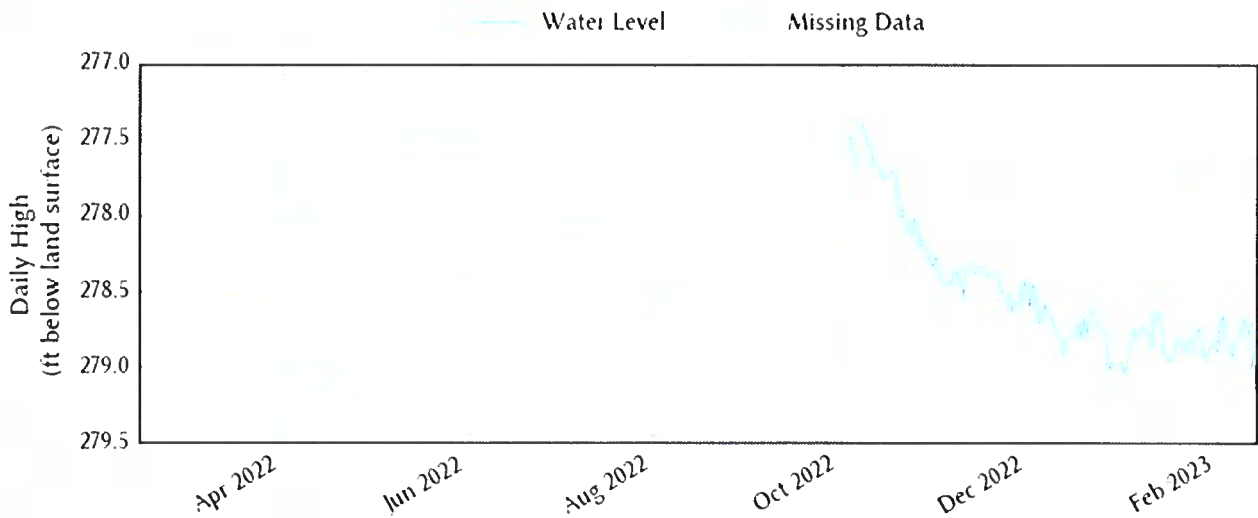
Continuous Monitoring Well # 4061509
(Temple - Pea Ridge Well)
Lower Trinity Aquifer

Total Depth: 1,261 ft

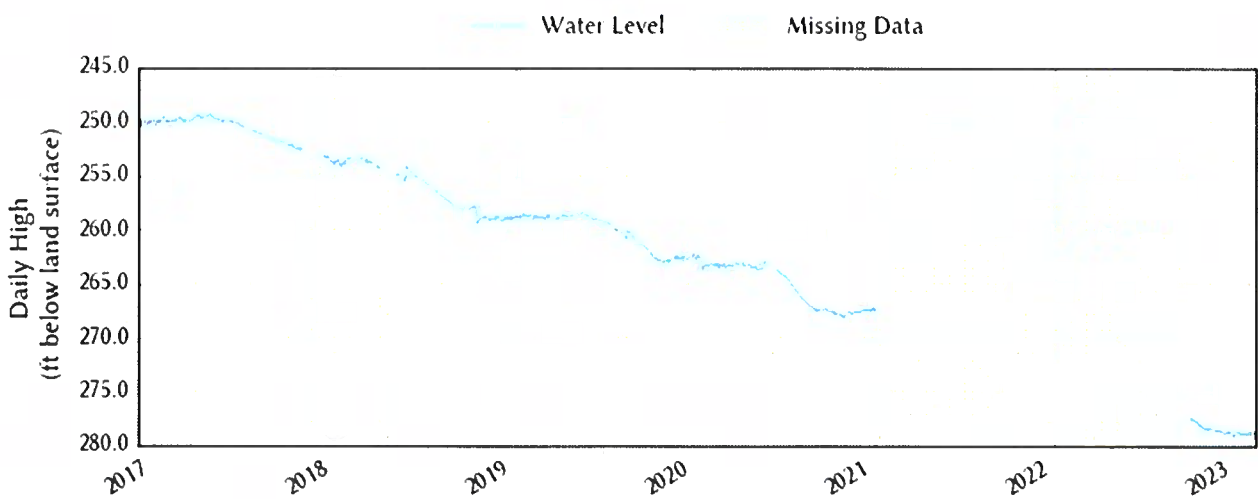
Last 30 Days



1 Year



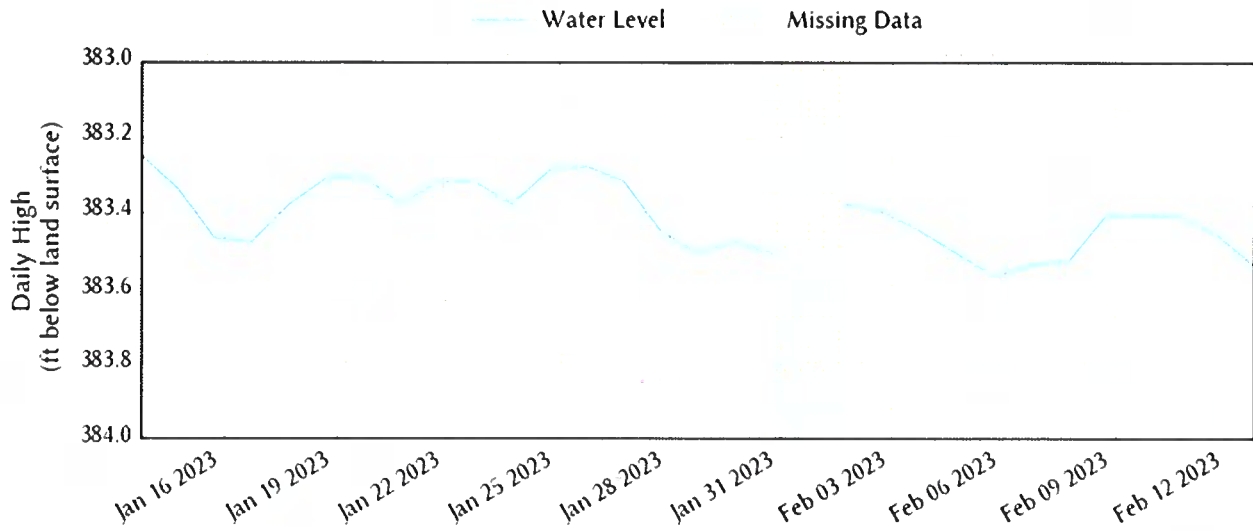
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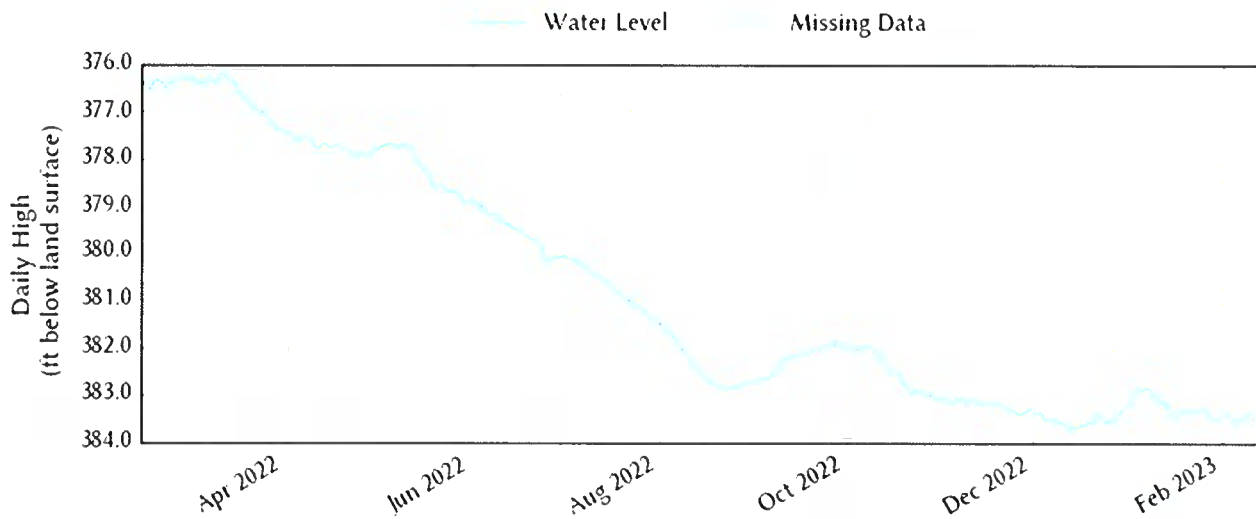
Continuous Monitoring Well # 4062501
(Temple - Acres Well)
Lower Trinity Aquifer

Total Depth: 2,236 ft

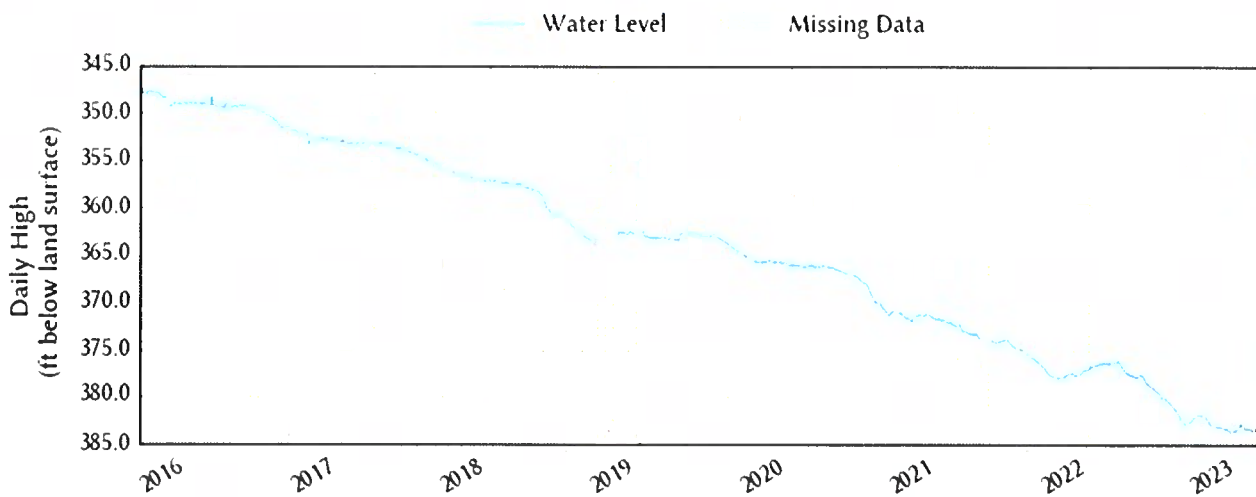
Last 30 Days



1 Year



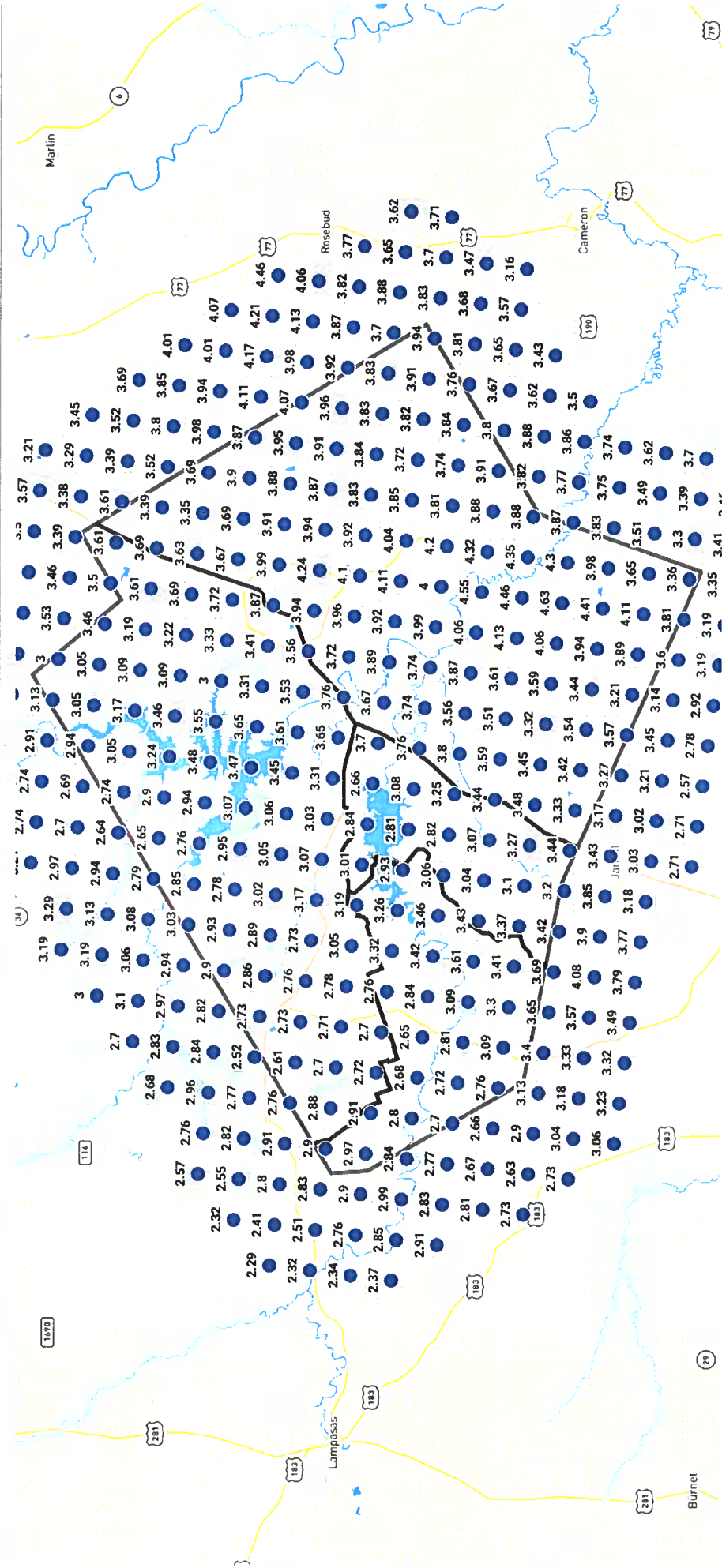
Period Of Record





CUWCD Map NOAA 30 Day Rainfall

Created: February 14th 2023, 9:21am

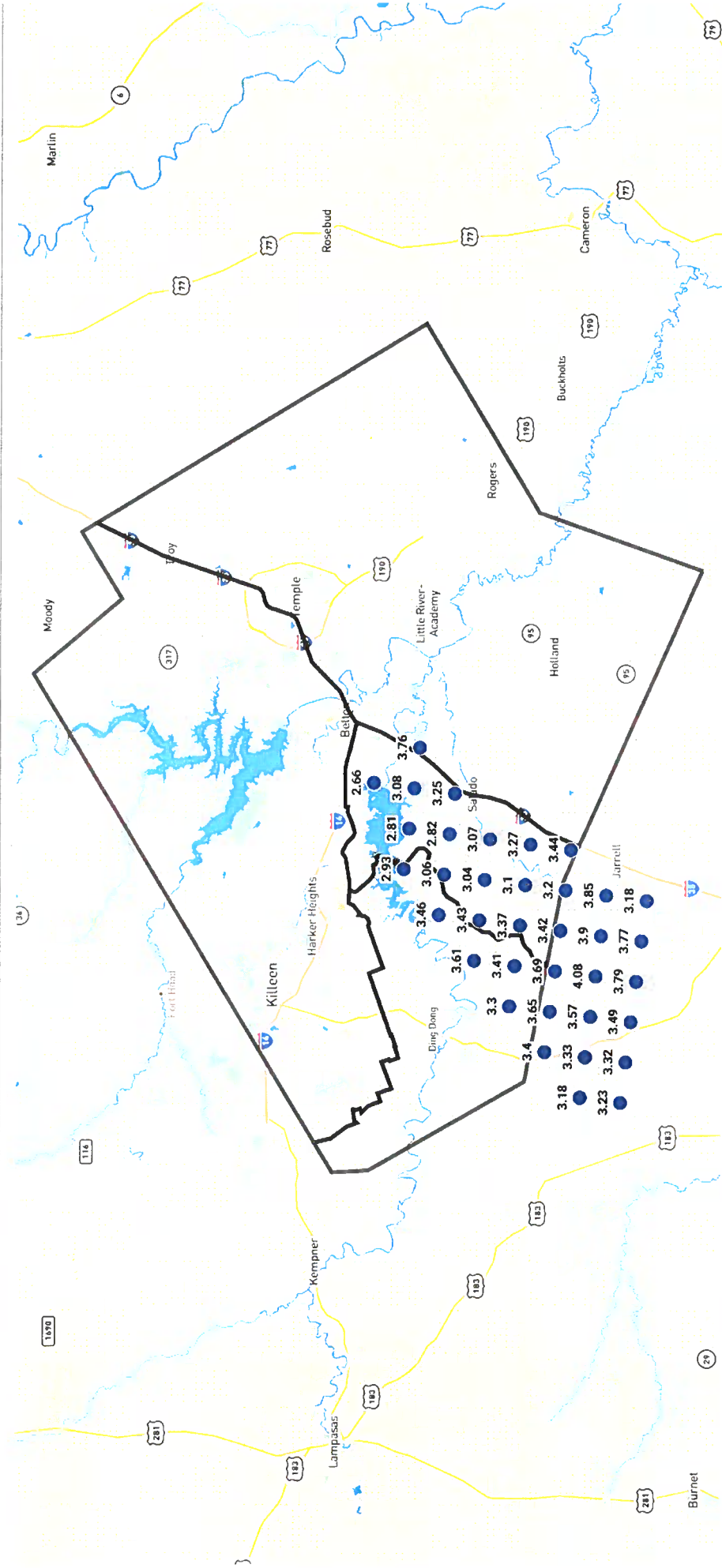


10 mi





CUWCD Map NOAA 30 Day Rainfall - Edwards BFZ Created: February 14th 2023, 9:21am

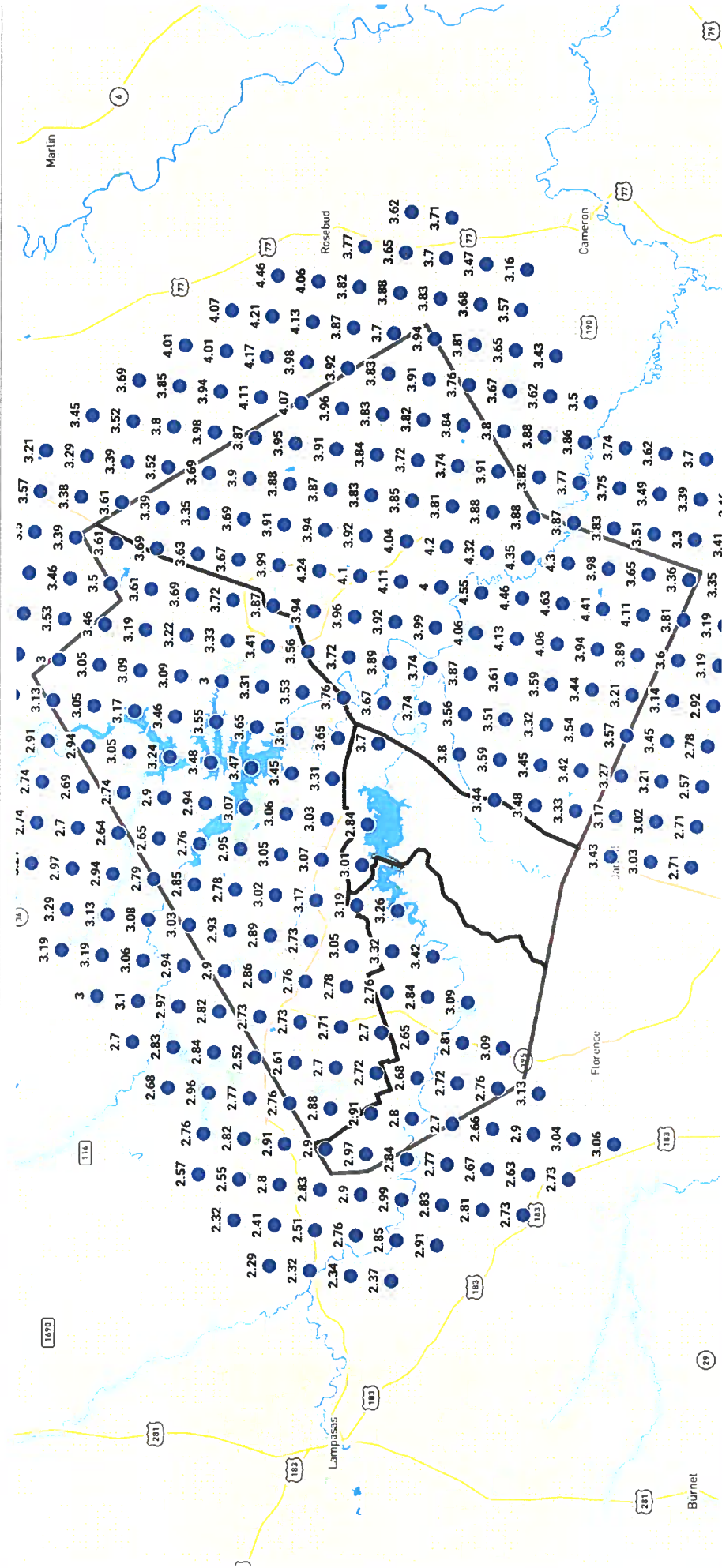


10 mi



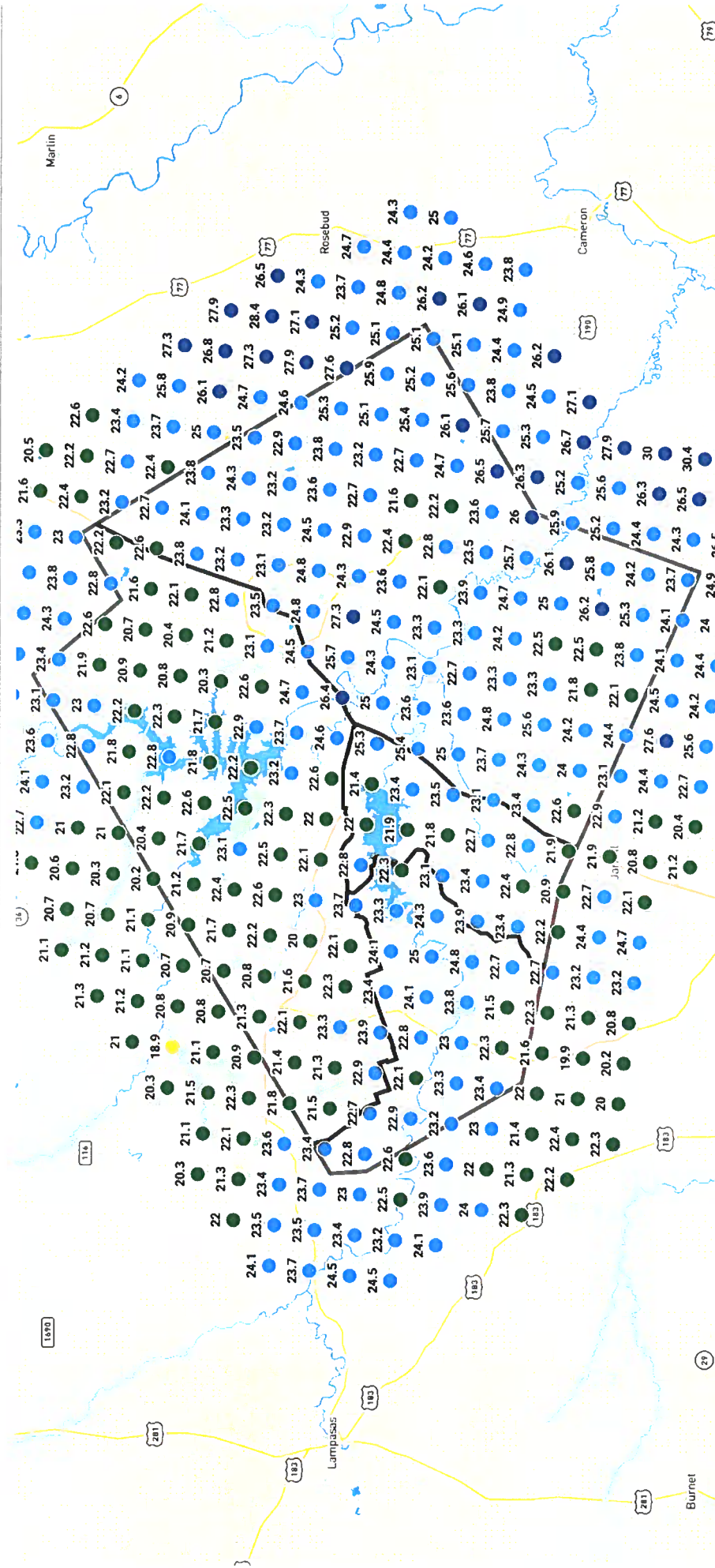


CUWCD Map NOAA 30 Day Rainfall - Trinity Created: February 14th 2023, 9:21am





CUWCD Map NOAA 365 Day Rainfall Created: February 14th 2023, 9:22am



10 mi

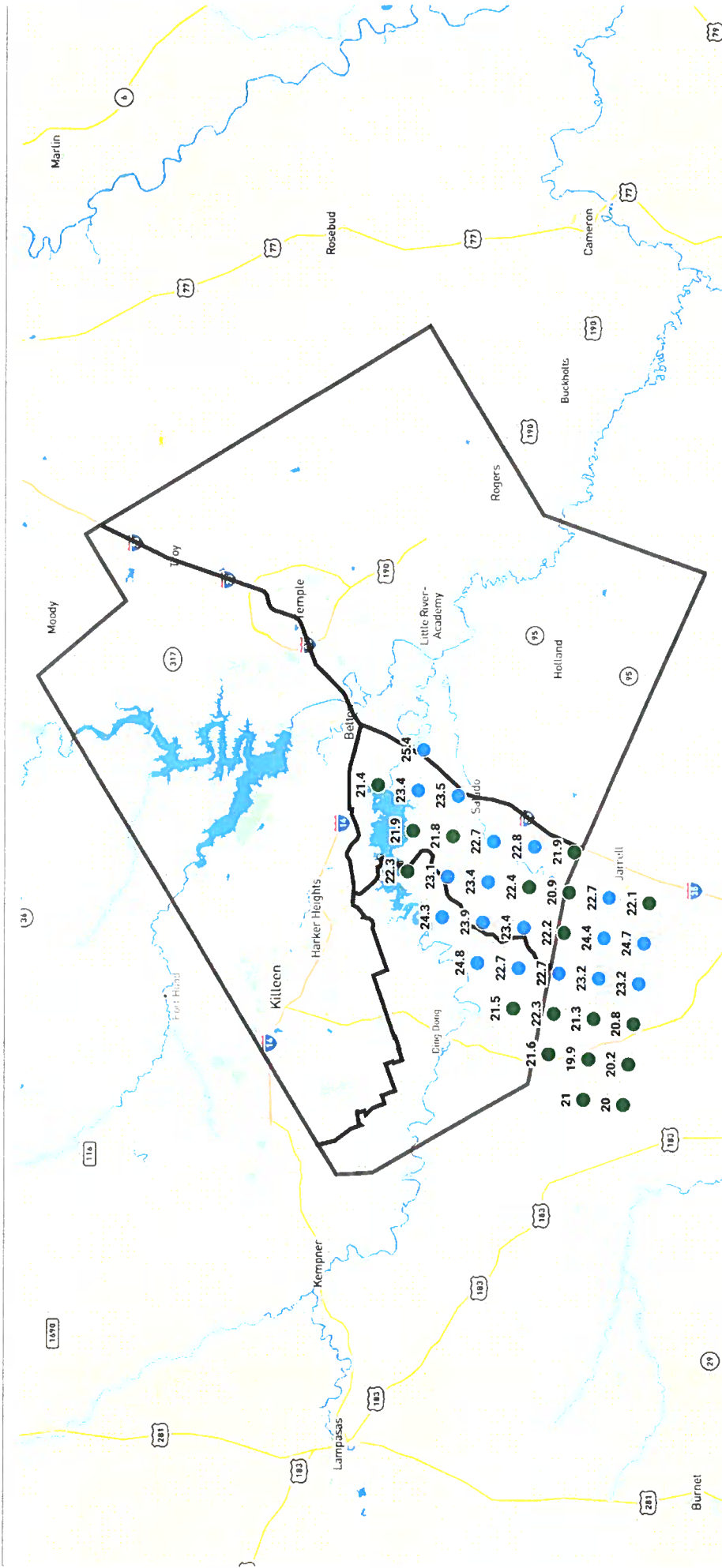




CUWCD Map

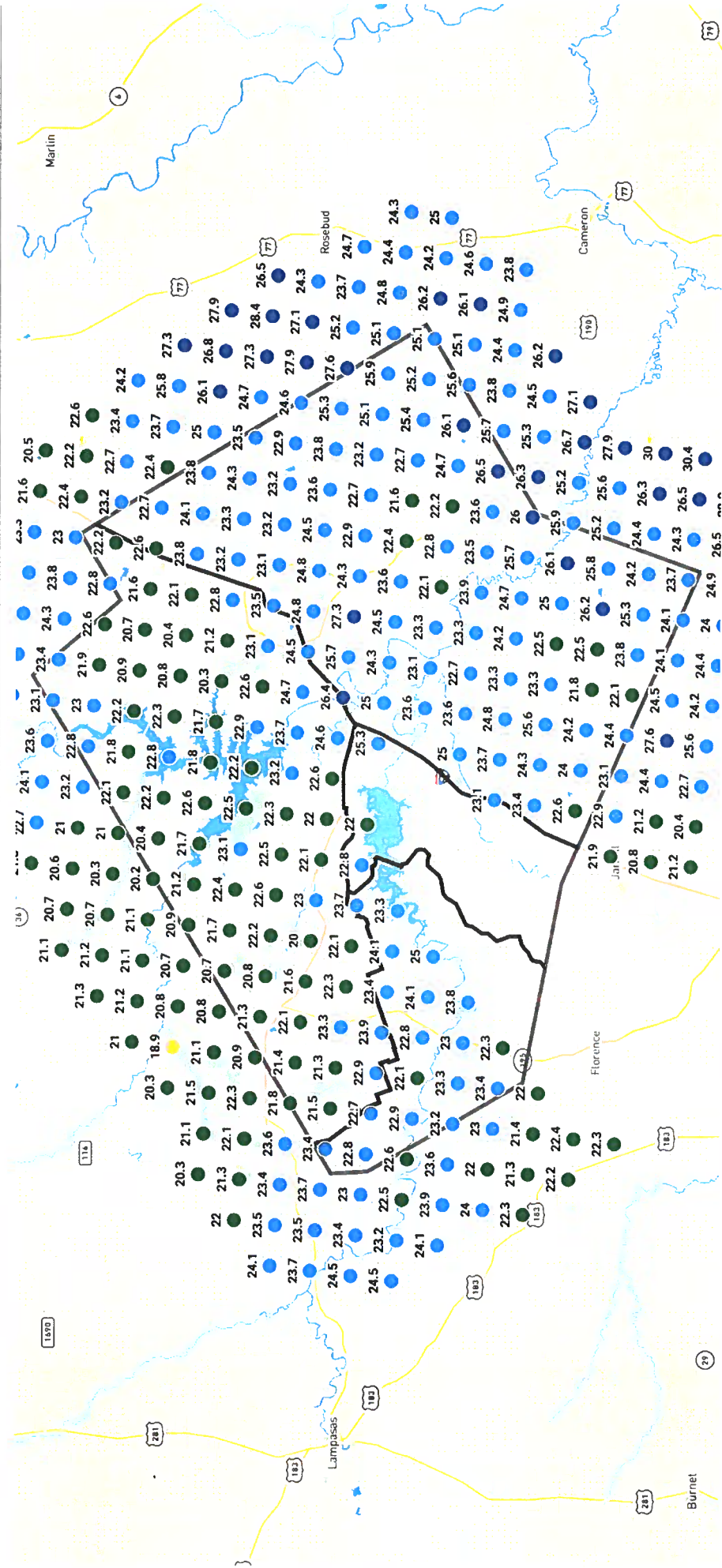
NOAA 365 Day Rainfall - Edwards BFZ

Created: February 14th 2023, 9:22am

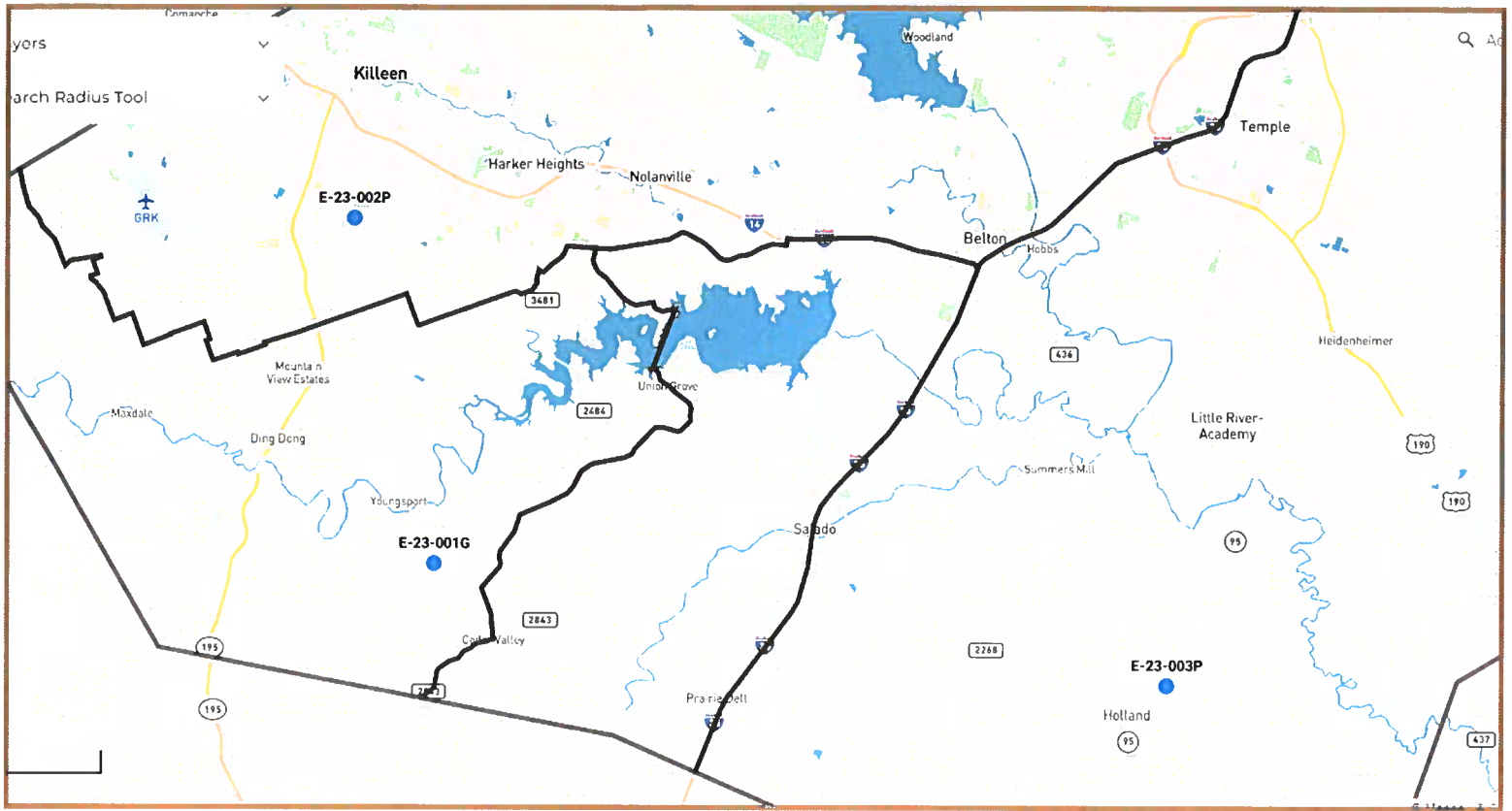




CUWCD Map NOAA 365 Day Rainfall - Trinity Created: February 14th 2023, 9:22am



Registered Wells- January 2023



<u>Well #</u>	<u>Owner</u>	<u>Address</u>	<u>City</u>	<u>Depth</u>	<u>Aquifer</u>	<u>Use</u>	<u>Status</u>
E-23-001G	Weiss	16350 Cedar Valley Rd	Salado	680	Mid Trinity	Domestic	Active
E-23-002P	Davis	1300 Saegert Ranch Rd	Killeen	680	Mid Trinity	Domestic	Proposed
E-23-003P	Millegan	21415 SH 95	Holland	50	Alluvium	Lvstk/Pltry	Proposed

Well Registration Totals - January 2023

Year	Exempt Wells		Non-Exempt Wells			Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Water	Envr	
2002 - 2022	4479	1212	106	42	74	26	121	6060
2023 - Jan	1	2	0	0	0	0	0	3
Feb								0
Mar								0
April								0
May								0
June								0
July								0
Aug								0
Sep								0
Oct								0
Nov								0
Dec								0
Total 2022	1	2	0	0	0	0	0	3
Grand Totals	4480	1214	106	42	74	26	121	6063