



Every drop counts!

Clearwater Underground Water Conservation District

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Clearwater Staff Reports

November 20, 2024

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

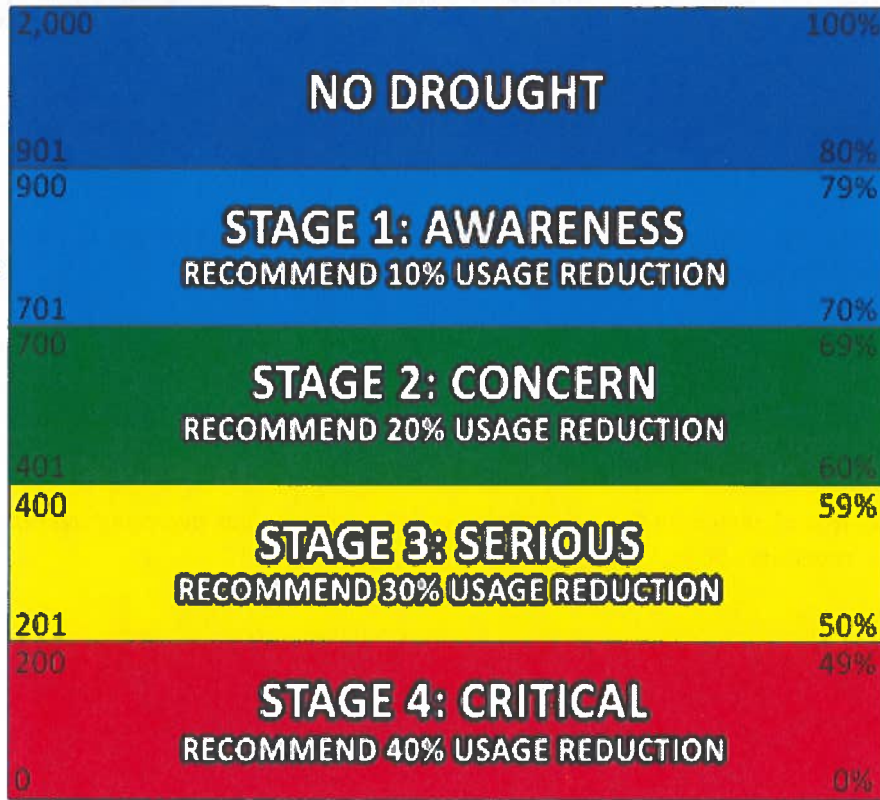
Edwards BFZ Aquifer—Drought Status Report

NO DROUGHT

Salado Creek
Spring Discharge

786.65 ac-ft
(month)
13.22 cfs

As of 11/19/2024



38.734 PDI
117.38%

Precipitation Deficit Index (PDI)

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

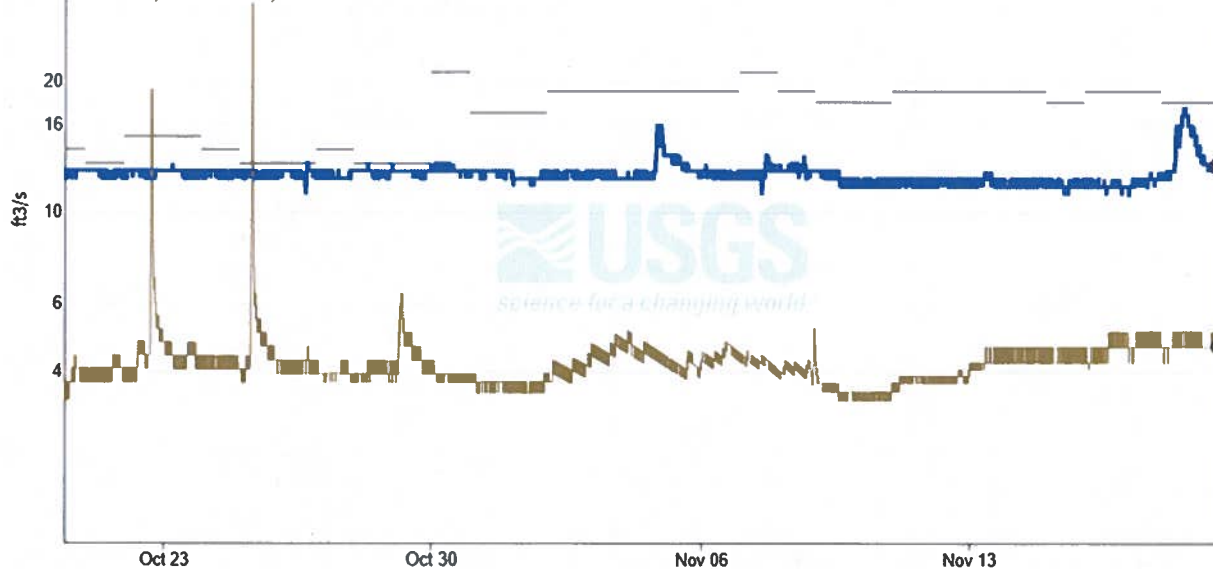
Salado Ck at Salado, TX - 08104300

October 20, 2024 - November 19, 2024

Discharge, cubic feet per second

13.0 ft³/s - Nov 19, 2024 11:10:00 AM CST

4.65 ft³/s - Nov 20, 2023 11:25:00 AM CST



Trinity Aquifer—Drought Status Report

NO DROUGHT

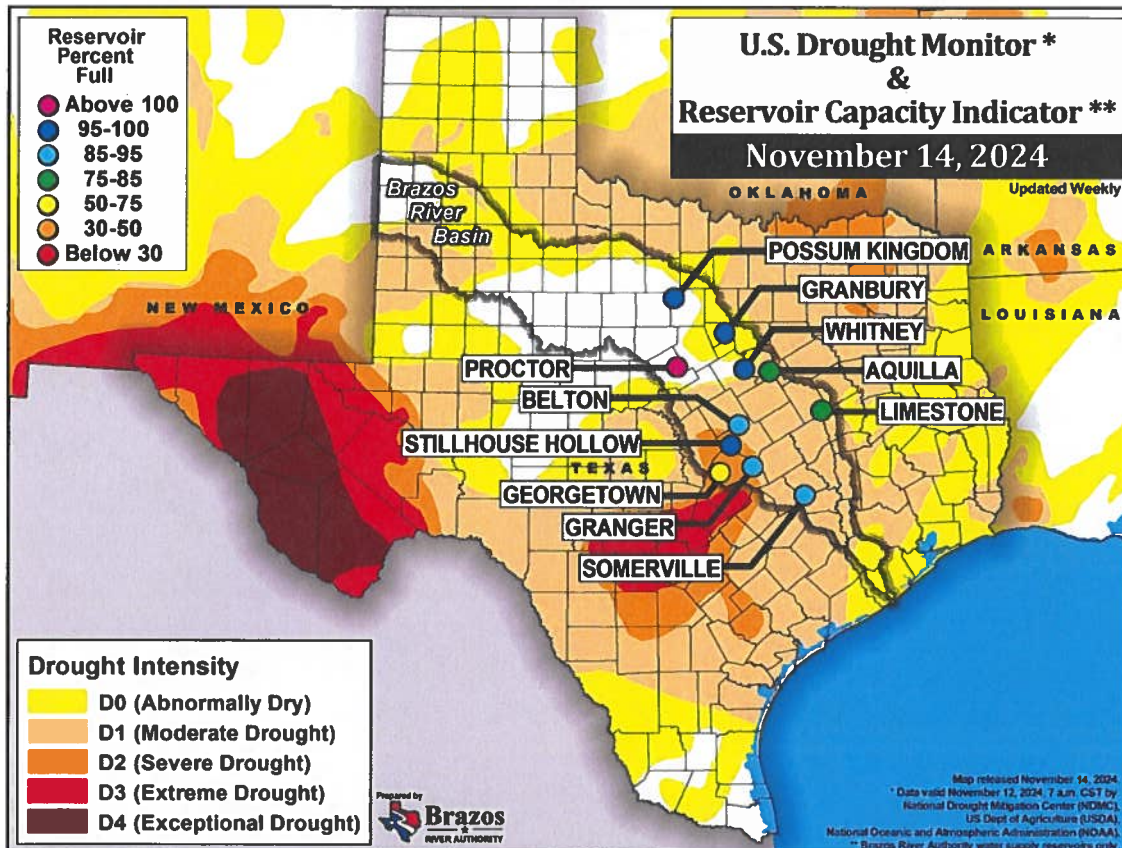


41.63 PDI
126.15%

Precipitation Deficit Index (PDI)

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

AS OF 11/19/2024





Education Outreach Highlights 11/20/24

- 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).**
 - November 13 – Staff hosted the 23rd Annual Bell County Water Symposium. 270 in attendance.

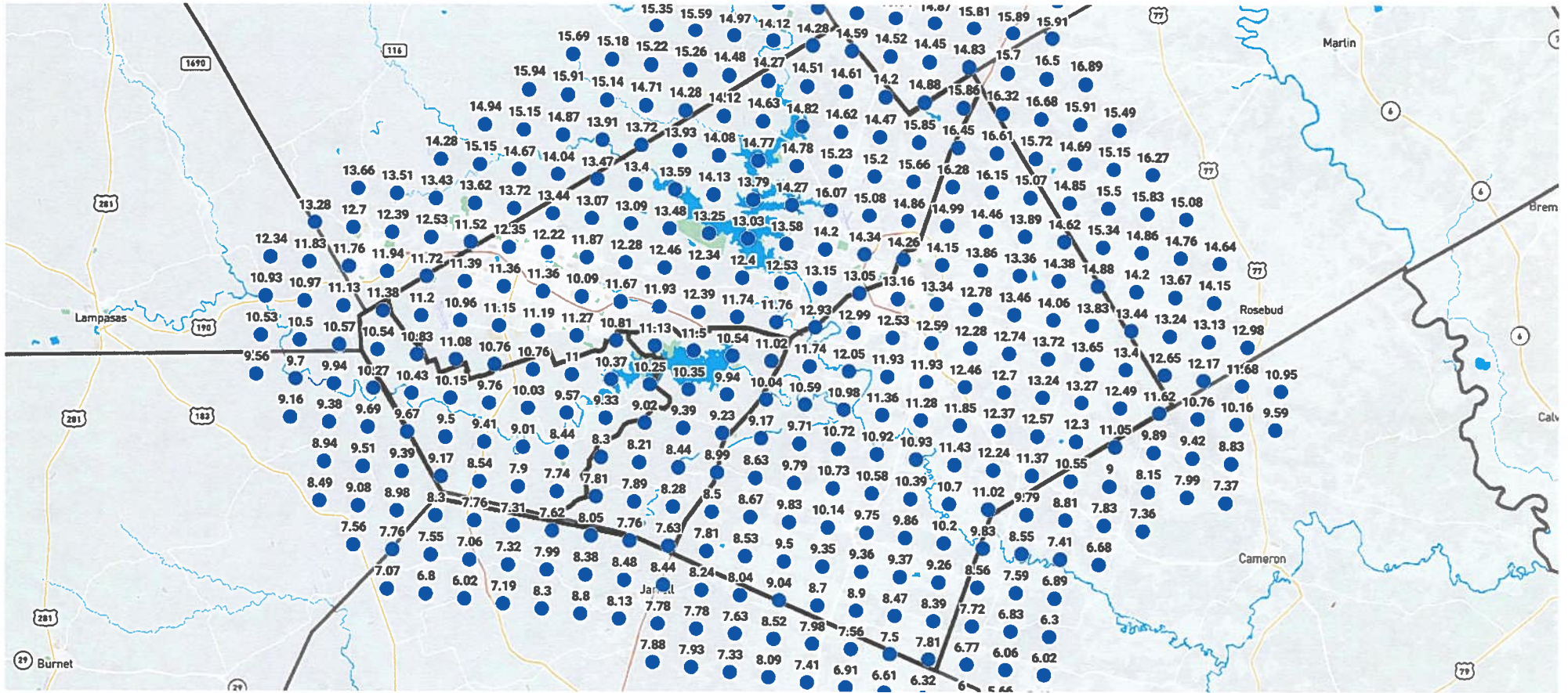
- 2. Improve Communication and Reporting of Usage by well owners who are permitted (HEU or OP) by the district. Goals and objectives in the Management Plan (A:1, A:2, A:3, G:1, G:2, pages 22-23).**
 - Working with LRE Water to make enhancements to the Database Management platform.
 - Most of our permitted 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.
 - 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 is preparing the annual report.

CUWCD Map NOAA 30 Day Rainfall

Created: November 19th 2024, 9:48am

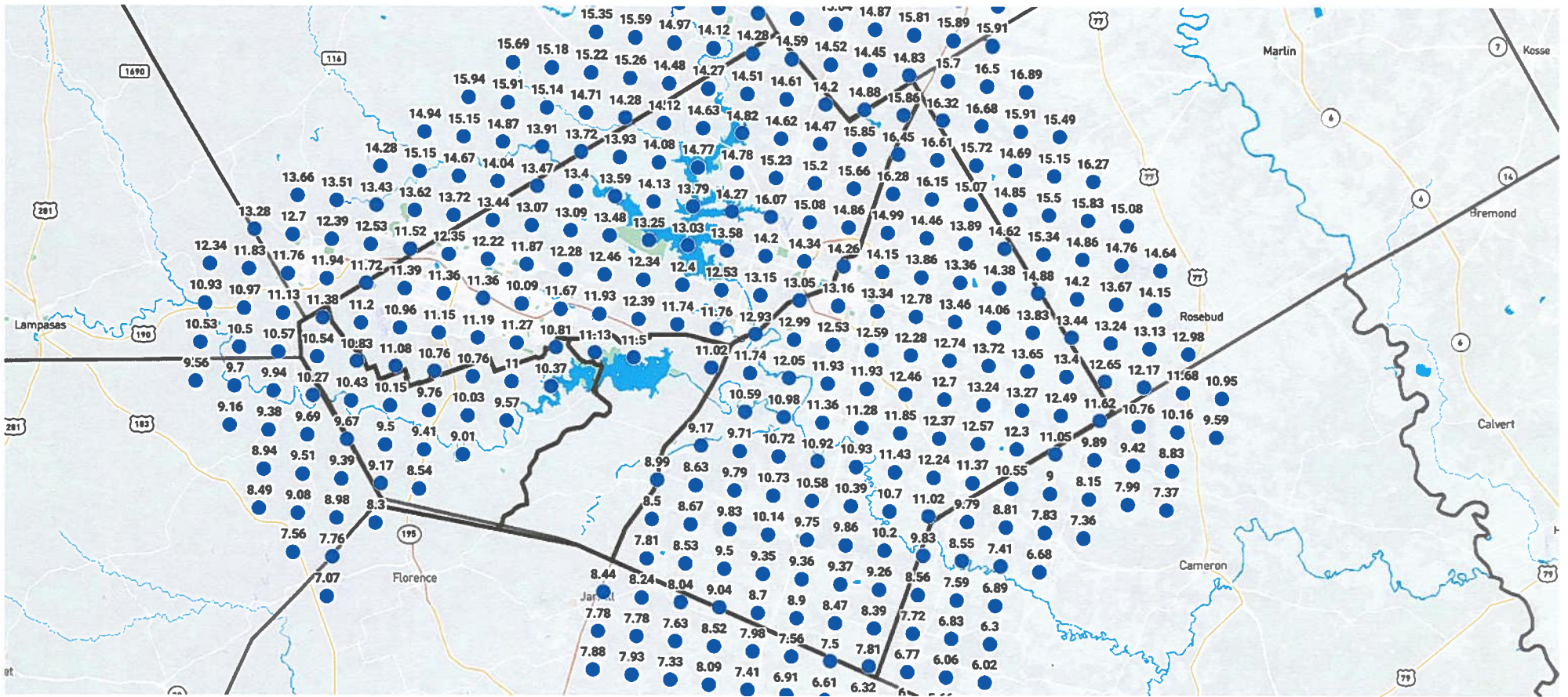


10 mi

CUWCD Map

NOAA 30 Day Rainfall - Trinity

Created: November 19th 2024, 9:49am

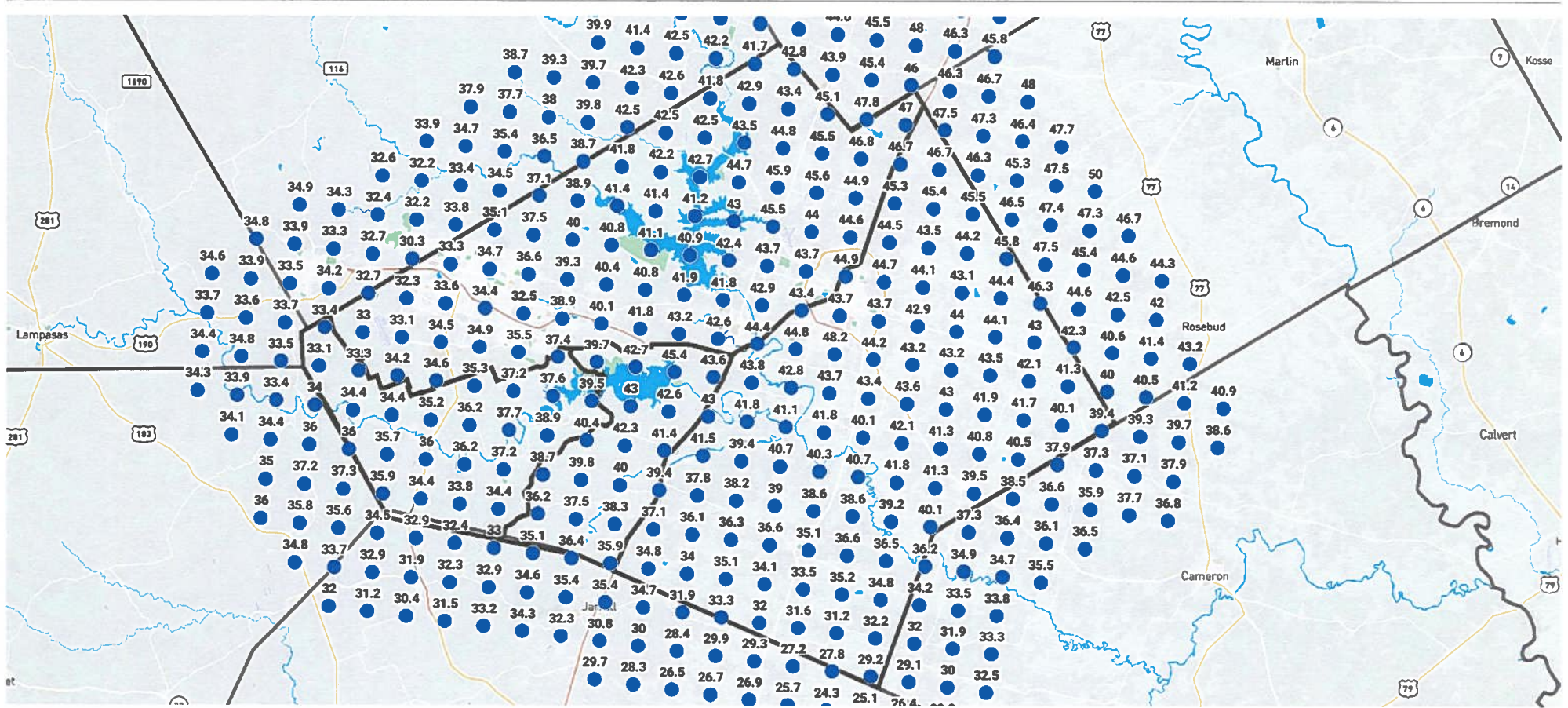


10 mi

CUWCD Map

NOAA 365 Day Rainfall

Created: November 19th 2024, 9:49am

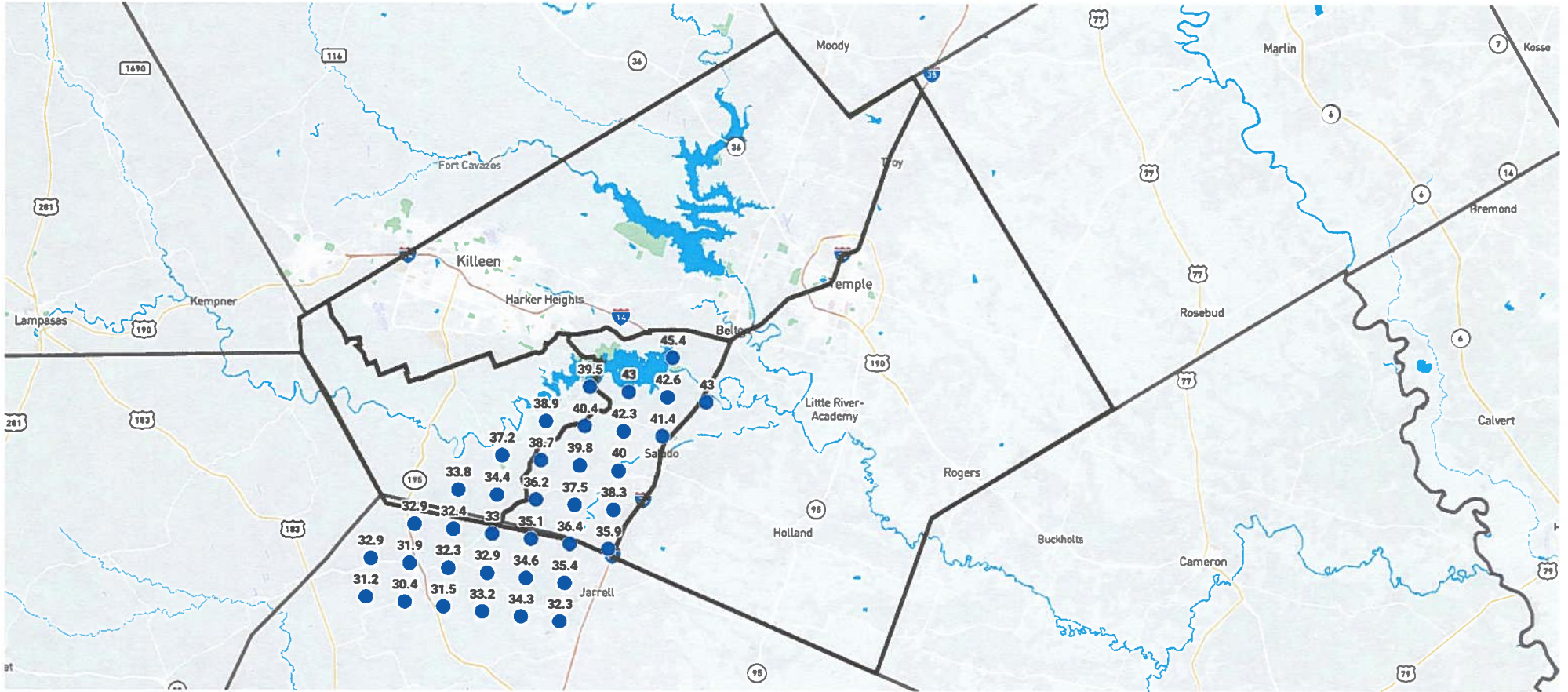


10 mi

CUWCD Map

NOAA 365 Day Rainfall - Edwards BFZ

Created: November 19th 2024, 9:50am

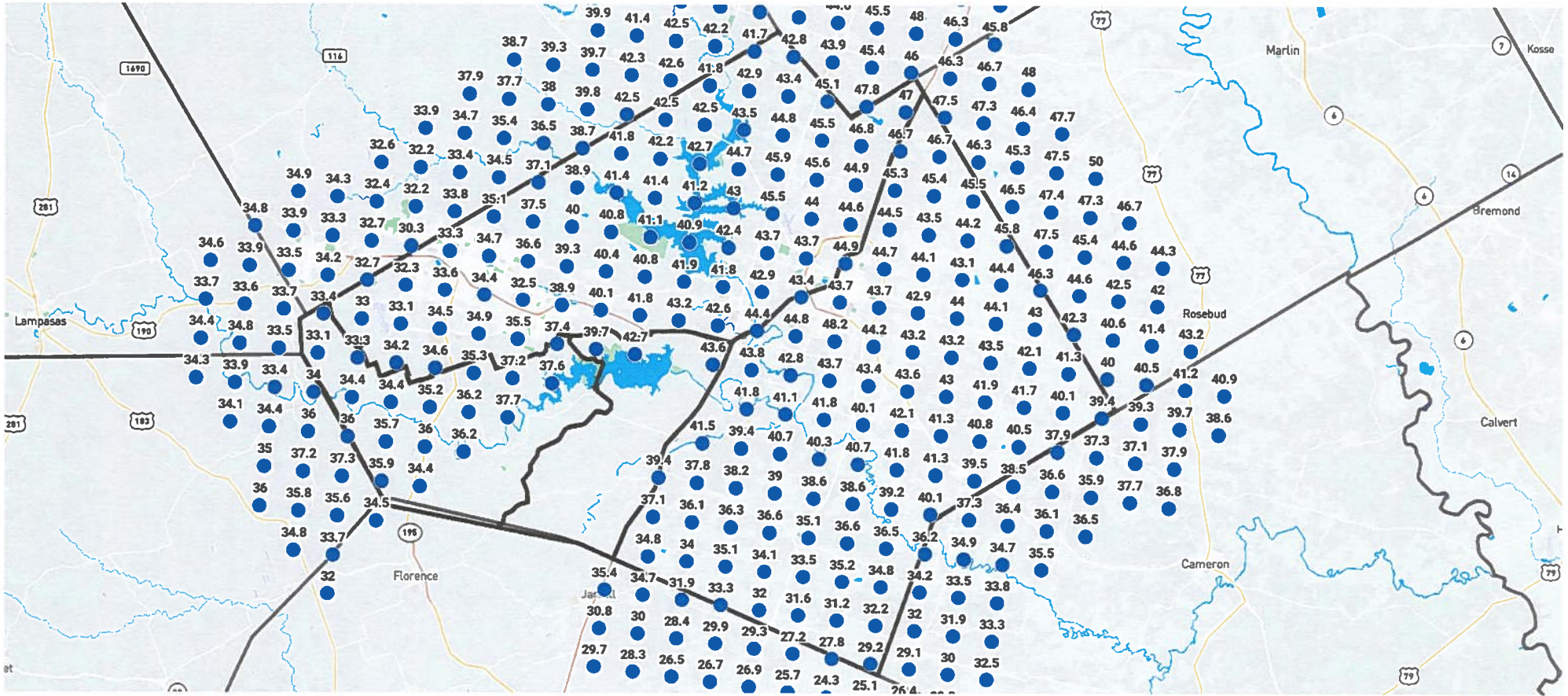


10 mi

CUWCD Map

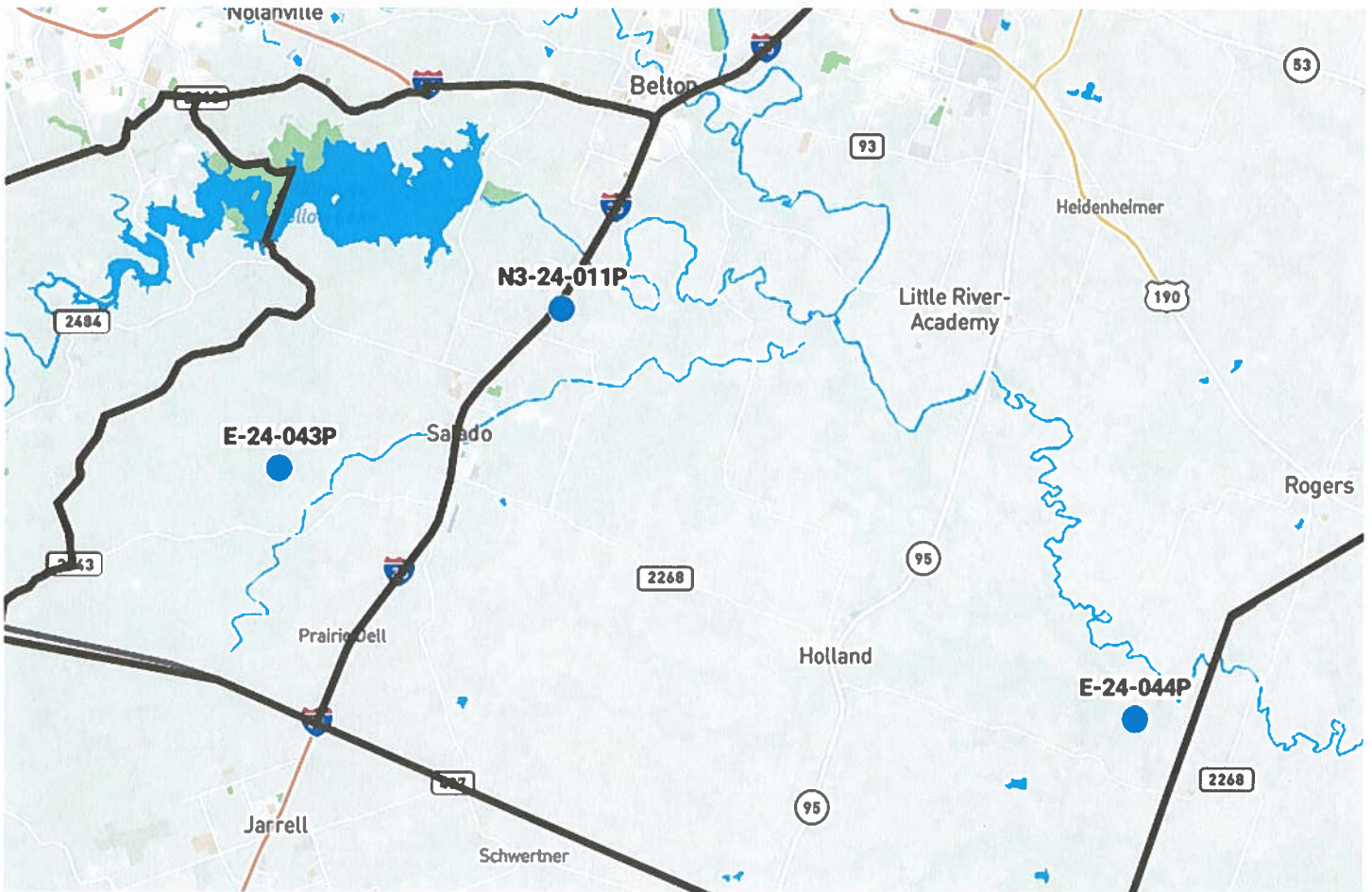
NOAA 365 Day Rainfall - Trinity

Created: November 19th 2024, 9:50am



10 mi

Registered Wells - October 2024



<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-24-043G	Marquadt	3671 Wild Buck Run	Temple	Alluvial	40	Domestic	Active
E-24-044P	Wells	2190 Songbird Trail	Belton	Middle Trin.	900	Domestic	Proposed
N3-24-011P	Belton Partners	Intersection of IH-35 & Dillard Road	Belton	Lower Trin.	1286	Public	Proposed

Well Registration Totals - October 2024

Year	Exempt Wells		Non-Exempt Wells				Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Class 3	Water	Envr	
2002 - 2023	4504	1271	112	42	68	9	26	121	6153
2024 - Jan	0	7	0	0	0	0	0	0	7
Feb	2	4	0	0	0	2	0	0	8
Mar	3	3	1	0	0	1	0	0	8
April	1	6	0	0	0	0	0	0	7
May	1	4	0	0	0	1	0	0	6
June	0	2	0	0	0	3	0	0	5
July	0	6	0	0	0	1	0	0	7
Aug	1	0	0	0	0	0	0	0	1
Sep	1	1	0	0	0	0	0	0	2
Oct	0	2	0	0	0	3	0	0	5
Nov	0	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0	0
Total 2024	9	35	1	0	0	11	0	0	56
Grand Totals	4513	1306	113	42	68	20	26	121	6209

Adjustments

Adjustment Type	Exempt Wells		Non-Exempt Wells				Monitor Wells		Total
	Grandfathered	New	Grandfathered	Class 1	Class 2	Class 3	Water	Envr	
2002-Present	4513	1306	113	42	68	20	26	121	6209
**Never Drilled	N/A	-69	N/A	-5	-10	-1	-1	0	-85
**Plugged	-348	-53	-18	-2	-2	-1	-2	-64	-490
**Totals	4165	1184	95	35	56	18	23	57	5634

(**updated August 2024)