



Monitor Well Report- Fourth Quarter FY 2024
Bandera County Groundwater Evaluation

Middle Trinity Aquifer

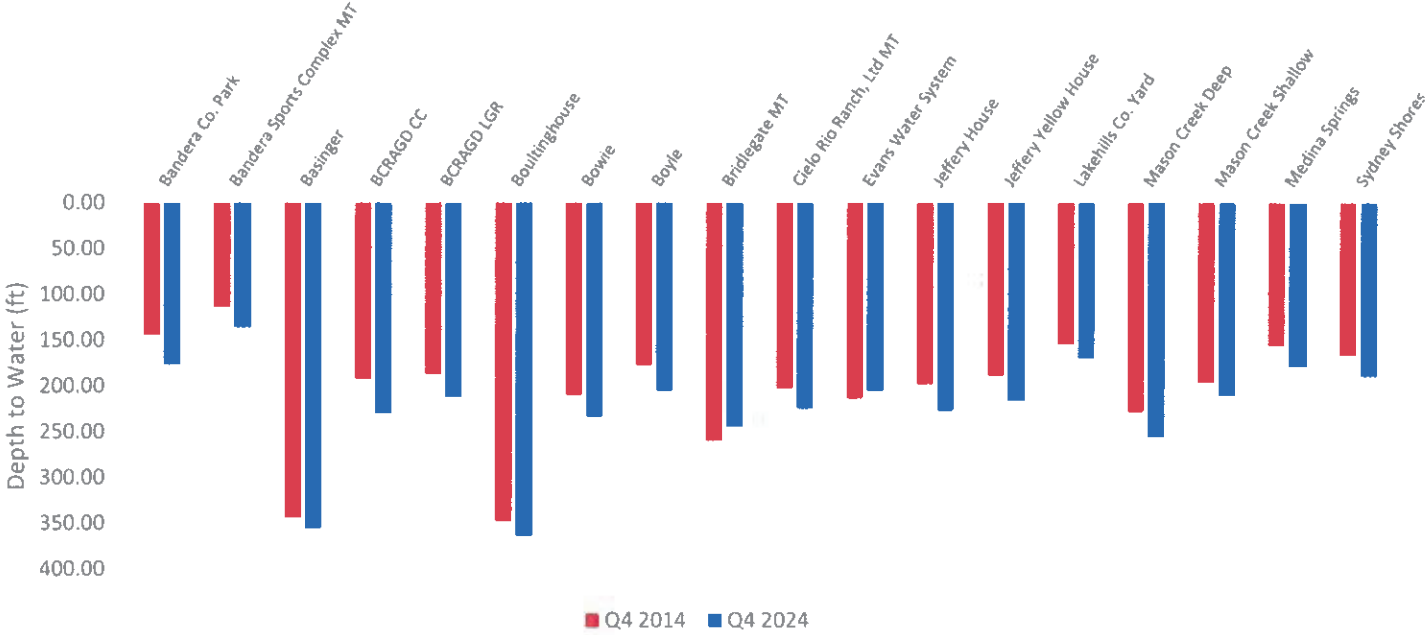
≈ 3 Month Change (Q3 2024 – Q4 2024)
Average = - 9.99 ft.

1-Year Change (Q4 2023 – Q4 2024)
Average = - 4.17 ft.

10-Year Change (Q4 2014 – Q4 2024)
Average = - 20.02 ft.

Middle Trinity
10 Year Change

n = 18





Lower Trinity Aquifer

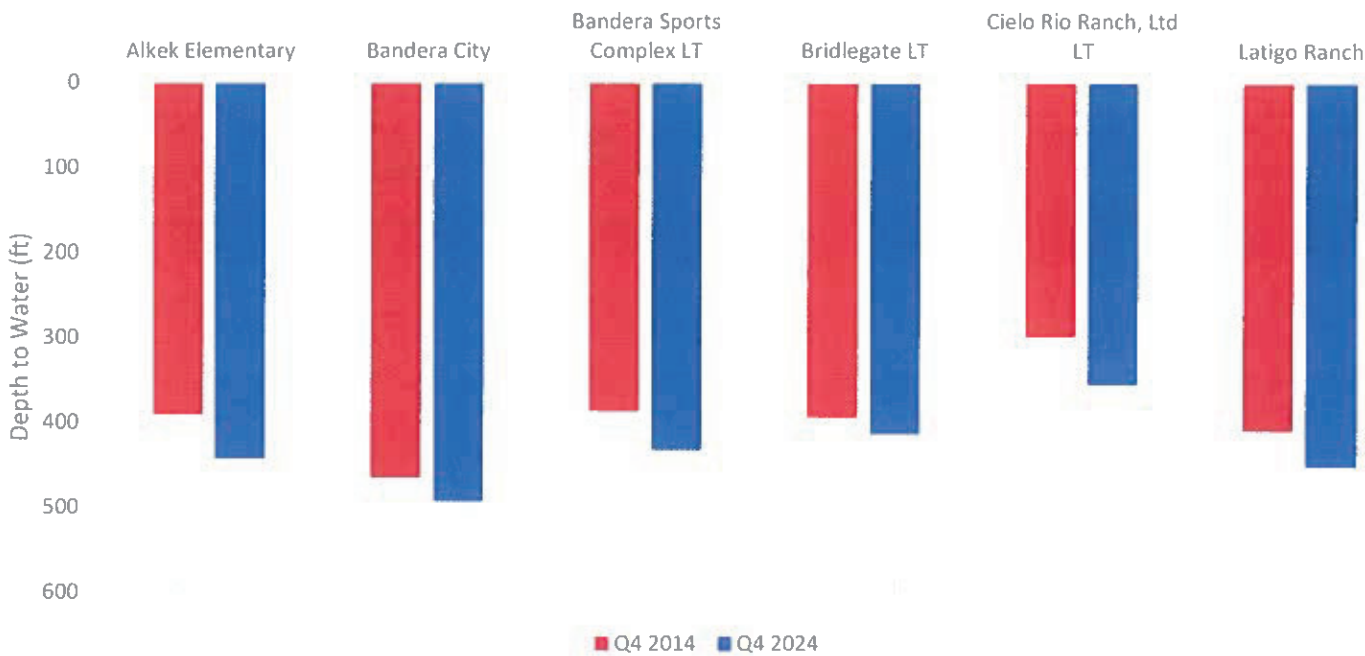
≈ 3 Month Change (Q3 2024 – Q4 2024)
Average = - 10.41 ft.

1-Year Change (Q4 2023 – Q4 2024)
Average = + 10.83 ft.

10-Year Change (Q4 2014 – Q4 2024)
Average = - 40.60 ft.

Lower Trinity
10 Year Change

n = 6





Edwards Group of the Edwards - Trinity (Plateau) Aquifers

$\approx$ 3 Month Change (Q3 2024 – Q4 2024)
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Average = - 0.23 ft.

1-Year Change (Q4 2023 – Q4 2024)
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Average = - 0.20 ft

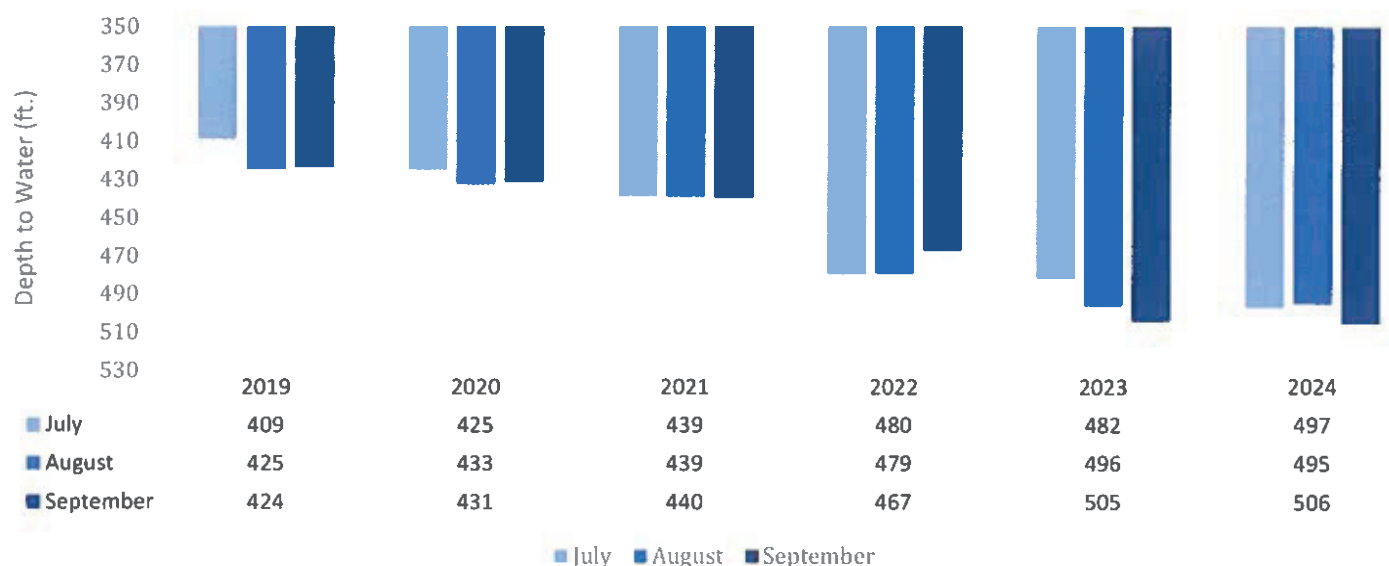
10-Year Change (Q4 2014 – Q4 2024)

Average = - 0.33 ft

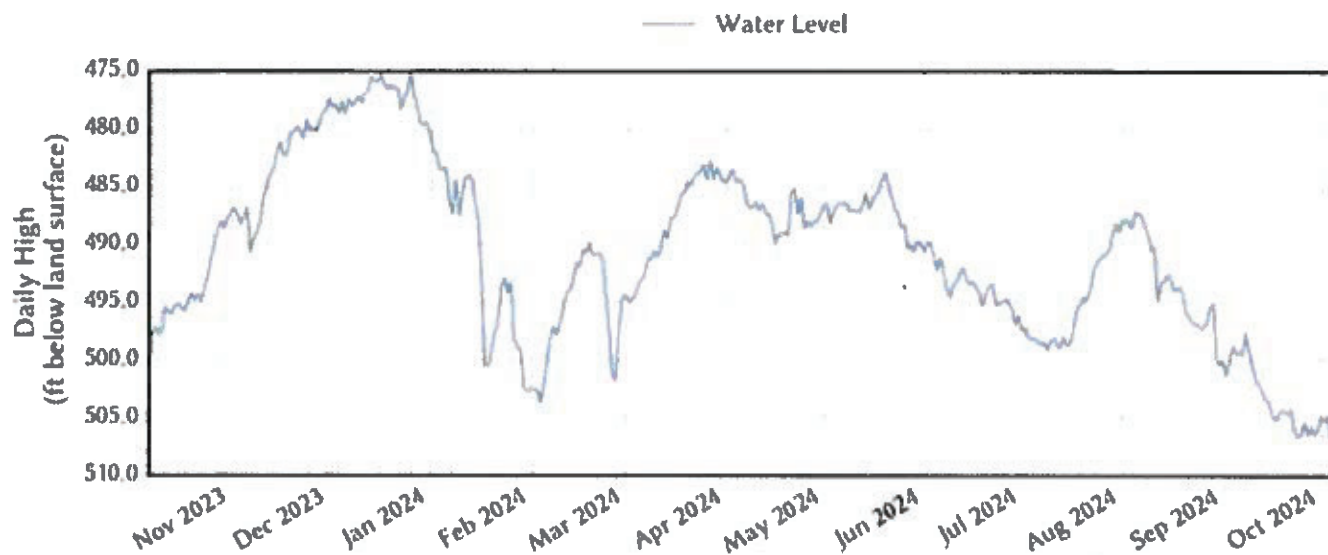


Bandera County River Authority and Groundwater District

City of Bandera Lower Trinity Monitor Well Q4 Monthly Averages (2019-2024)



City of Bandera Lower Trinity Monitor Well Past 1 Year (2023-2024)



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Bandera County River Authority and Groundwater District



Middle Trinity					~3-Month Change	1-Year Change	10-Year Change
Location	Q4 2024	Q3 2024	Q4 2023	Q4 2014	Δ	Δ	Δ
Baby Elephant Enterprises LLC	393.50	382.8	381.35	-	-10.70	-12.15	-
Bandera Co. Park	177.37	168.87	166.27	144.47	-8.50	-11.10	-32.90
Bandera Sports Complex MT	136.65	121.85	164.05	114.52	-14.80	27.40	-22.13
Barry Lanford	388.88	387.08	388.98	-	-1.80	0.10	-
Basinger	356.52	351.52	363.72	343.72	-5.00	7.20	-12.80
BCRAGD CC	230.87†	207.24	218.64	192.75	-5.71	5.69	-20.20
BCRAGD LGR	212.95†	205.94	208.77	187.42	-24.95	-22.12	-43.47
Boultinghouse	364.40	345.70	339.9	347.65	-18.70	-24.50	-16.75
Bowie	234.42	219.82	228.02	210.33	-14.60	-6.40	-24.09
Boyle	206.00	198.00	200.2	177.80	-8.00	-5.80	-28.20
Bridlegate MT	244.70	237.40	239.8	260.20	-7.30	-4.90	15.50
Cielo Rio Ranch, Ltd MT	225.72	217.52	228.42	203.12	-8.20	2.70	-22.60
Elk Mountain	226.90	223.42	234.72	-	-3.48	7.82	-
Evans Water System	206.10	204.30	216.5	214.10	-1.80	10.40	8.00
Hondo Canyon	161.03†	154.26††	172.85†	-	-6.77	11.82	-
Jeffery House	227.50	211.00	220.4	198.23	-16.50	-7.10	-29.27
Jeffery Yellow House	216.74	202.34	209.34	188.71	-14.40	-7.40	-28.03
Jilson	233.30	198.50	214.3	-	-34.80	-19.00	-
Lakehills Co. Yard	170.25	169.15	166.05	154.64	-1.10	-4.20	-15.61
Lantana Land Co. Well B	189.08	174.08	176.58	-	-15.00	-12.50	-
Mason Creek Deep	256.20	242.20	267.3	228.50	-14.00	11.10	-27.70
Mason Creek Shallow	210.80	205.45	211.2	196.40	-5.35	0.40	-14.40
Medina Springs	179.34	177.64	171.42	156.54	-1.70	-7.92	-22.80
Ol Larry B	389.34	389.34	357.94	-	0.00	-31.40	-
Sydney Shores	190.28	183.68	177.88	167.38	-6.60	-12.40	-22.90
Tecon	-	118.24	115.84	107.19	-	-	-
†July Average ††May Average				Σ	-9.99	-4.17	-20.02

Lower Trinity					~3-Month Change	1-Year Change	10-Year Change
Monitor Well	Q4 2024	Q3 2024	Q4 2023	Q4 2014	Δ	Δ	Δ
Alkek Elementary	442.85	430.25	479.45	390.55	-12.60	36.60	-52.30
AWWS Holdings LLC	401.4	-	-	-	-	-	-
Bandera City	492.84	487.51	505.8	464.7	-5.33	12.96	-28.14
Bandera Sports Complex LT	432.32	413.12	423.92	386.52	-19.20	-8.40	-45.80
Bridlegate LT	413.12	406.02	388.52	394.07	-7.10	-24.60	-19.05
Cielo Rio Ranch, Ltd LT	354.67	340.47	394.47	298.77	-14.20	39.80	-55.90
Latigo Ranch	451.84	447.84	460.44	409.44	-4.00	8.60	-42.40
				Σ	-10.41	10.83	-40.60

Edwards-Trinity					~3-Month Change	1-Year Change	10-Year Change
Location	Q4 2024	Q3 2024	Q4 2023	Q4 2014	Δ	Δ	Δ
Edwards Monitor Well #1	251.63	251.4	251.43	251.3	-0.23	-0.20	-0.33