

2024 Rainfall Totals for Fayette County

	January	February	March	April	May	June	July	August	Totals
Buckners Creek Near Muldoon	14.95	1.90	3.04	3.88	3.36	2.81	5.39	2.04	37.37
Carmine 1 SSW	13.10	2.55	4.10	2.24	5.25	5.61	6.61	0.35	39.81
Colorado River Above La Grange	13.55	2.19	3.48	3.72	2.73	3.32	4.31	3.93	37.23
La Grange SNE	15.31	2.63	3.51	3.32	3.22	3.52	5.96	0.92	38.39
Lake Fayette at Fayette Power Plant	14.15	1.84	2.99	3.70	2.28	4.78	4.25	2.36	36.35
Muldoon 6 WSW	13.08	1.96	2.35	4.05	3.25	2.74	3.03	1.59	32.05
Average for the County	14.02	2.18	3.25	3.49	3.35	3.80	4.93	1.87	36.87

Data for this sheet is from the LCRA rainwater monitoring sites in Fayette County, Texas.

Estimated Recharge Volumes*

**All estimates calculated to acre feet*

	January	February	March	April	May	June	July	August
1% of total rainfall available for recharge	7179.95	1115.31	1661.44	1784.32	1714.35	1943.89	2521.60	954.88

Fayette County covers approximately 960 square miles, or 614,400 acres.

Potential Recharge per Aquifer based on 1% Average Precipitation

Sparta Aquifer (1920 acre outcrop)	22.44	3.49	5.19	5.58	5.36	6.07	7.88	2.98
Yegua-Jackson Aquifer (214,400 acre outcrop)	2505.50	389.20	579.77	622.65	598.24	678.34	879.93	333.21
Jasper Aquifer (160,000 acre outcrop)	1869.78	290.44	432.67	464.67	446.44	506.22	656.67	248.67
Evangeline Aquifer (118,400 acre outcrop)	1383.64	214.93	320.17	343.85	330.37	374.60	485.93	184.01
Alluvium (96,000 acre outcrop)	1121.87	174.27	259.60	278.80	267.87	303.73	394.00	149.20
TOTAL	6903.22	1072.32	1597.41	1715.55	1648.27	1868.97	2424.41	918.08

Potential Recharge Lost

276.73 42.99 64.03 68.77 66.07 74.92 97.19 36.80