

## 2024 Rainfall Totals for Fayette County

	January	February	March	April	May	June	July	August	September	Totals
<b>Buckners Creek Near Muldoon</b>	14.95	1.90	3.04	3.88	3.36	2.81	5.39	2.04	0.13	<b>37.50</b>
<b>Carmine 1 SSW</b>	13.10	2.55	4.10	2.24	5.25	5.61	6.61	0.35	0.56	<b>40.37</b>
<b>Colorado River Above La Grange</b>	13.55	2.19	3.48	3.72	2.73	3.32	4.31	3.93	0.12	<b>37.35</b>
<b>La Grange 5NE</b>	15.31	2.63	3.51	3.32	3.22	3.52	5.96	0.92	0.67	<b>39.06</b>
<b>Lake Fayette at Fayette Power Plant</b>	14.15	1.84	2.99	3.70	2.28	4.78	4.25	2.36	0.42	<b>36.77</b>
<b>Muldoon 6 WSW</b>	13.08	1.96	2.35	4.05	3.25	2.74	3.03	1.59	0.77	<b>32.82</b>
<b>Average for the County</b>	14.02	2.18	3.25	3.49	3.35	3.80	4.93	1.87	0.45	<b>37.31</b>

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	September
<b>1% of total rainfall available for recharge</b>	7179.95	1115.31	1661.44	1784.32	1714.35	1943.89	2521.60	954.88	227.84

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	0.71
Yegua-Jackson Aquifer (214,400 acre outcrop)	2505.50	389.20	579.77	622.65	598.24	678.34	879.93	333.21	79.51
Jasper Aquifer (160,000 acre outcrop)	1869.78	290.44	432.67	464.67	446.44	506.22	656.67	248.67	59.33
Evangeline Aquifer (118,400 acre outcrop)	1383.64	214.93	320.17	343.85	330.37	374.60	485.93	184.01	43.91
Alluvium (96,000 acre outcrop)	1121.87	174.27	259.60	278.80	267.87	303.73	394.00	149.20	35.60
<b>TOTAL</b>	6903.22	1072.32	1597.41	1715.55	1648.27	1868.97	2424.41	918.08	219.06

### Potential Recharge Lost

	<b>276.73</b>	<b>42.99</b>	<b>64.03</b>	<b>68.77</b>	<b>66.07</b>	<b>74.92</b>	<b>97.19</b>	<b>36.80</b>	<b>8.78</b>
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