

Average Temperature (°F) FAYETTE, MISSOURI

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	34.3	30.2	38.1	53.5	59.5	76.7	80.5	75.3	75.4	60.9	51.6	41.2	57.2
1932	35.2	41.1	36.8	56.0	54.9	75.3	79.1	77.0	66.9	54.0	36.1	28.5	54.2
1933	30.9	28.8	41.9	52.8	64.1	77.3	79.2	74.9	73.5	55.8	44.4	34.5	55.9
1934	35.3	32.9	40.3	56.0	68.7	81.3	87.3	80.3	65.2	50.4	44.4	38.5	54.9
1935	30.0	38.3	48.8	51.7	59.8	70.0	81.5	77.4	67.7	56.2	40.7	29.1	54.4
1936	21.5	20.1	48.3	53.1	65.0	76.2	85.9	83.9	73.9	56.5	40.7	36.5	55.6
1937	25.2	30.1	39.1	53.7	65.9	73.7	77.2	79.7	68.7	55.4	40.0	30.4	53.4
1938	32.0	39.2	53.8	55.3	64.4	71.9	80.0	82.2	71.4	64.7	46.0	35.2	58.1
1939	39.0	32.0	47.0	52.9	67.2	74.3	79.7	74.1	73.8	60.3	42.4	37.2	56.7
1940	12.7	32.3	41.5	53.5	61.5	72.7	77.4	75.4	68.2	60.2	44.7	36.3	52.9
1941	32.3	31.0	39.2	57.3	68.1	73.0	77.4	78.3	70.2	60.0	44.7	38.3	56.0
1942	30.3	31.6	44.1	58.1	62.4	71.9	77.5	73.7	66.3	56.7	46.5	30.0	54.2
1943	27.3	37.7	39.0	54.5	61.3	73.8	77.9	78.5	68.2	55.6	41.3	28.6	53.5
1944	33.7	36.1	39.2	50.0	68.0	75.6	76.7	74.2	68.9	58.7	45.9	27.5	54.6
1945	28.3	34.5	51.6	54.3	59.3	67.8	73.5	75.7	68.5	55.3	44.8	24.9	53.3
1946	32.0	39.5	55.2	58.2	60.6	72.8	77.9	73.2	67.2	60.3	45.0	38.2	56.8
1947	32.5	27.4	35.4	53.4	60.9	72.0	74.0	82.7	71.8	64.3	39.3	36.7	54.5
1948	24.4	31.7	41.0	60.0	63.1	72.0	77.3	75.8	70.3	55.0	45.5	35.3	54.4
1949	28.6	33.6	42.7	53.6	66.5	74.6	78.7	74.6	62.1	59.2	47.9	37.2	55.1
1950	33.7	36.1	40.2	50.6	65.5	72.2	71.8	70.1	65.8	62.2	39.2	29.1	53.1
1951	31.6	34.2	38.8	51.4	64.5	75.7	75.3	75.3	64.6	58.1	37.9	30.6	52.8
1952	33.5	38.5	40.3	53.8	63.7	79.0	79.0	75.0	67.7	52.9	34.5	35.2	55.2
1953	33.1	39.4	45.6	50.8	64.5	79.5	78.4	76.6	70.6	60.3	44.8	35.8	56.8
1954	30.1	43.5	40.8	60.4	59.5	76.3	84.4	79.1	72.6	58.1	46.0	35.8	57.3
1955	31.5	33.2	43.4	61.2	65.7	74.1	80.7	76.9	69.9	57.5	39.8	31.0	55.3
1956	28.6	33.4	44.3	52.8	68.2	74.7	76.9	77.9	70.4	64.3	44.4	35.8	56.0
1957	25.8	39.9	42.1	54.4	63.9	73.1	79.3	76.6	66.0	54.3	41.8	38.8	54.7
1958	29.8	24.2	36.7	54.3	64.3	69.9	74.3	75.5	67.6	58.2	47.9	30.1	52.9
1959	23.5	32.5	45.2	55.4	67.8	73.6	74.5	78.9	69.9	54.8	37.5	37.9	54.4
1960	29.9	27.6	28.8	56.7	62.4	71.4	74.0	77.4	72.4	58.8	46.4	31.3	53.2

PROBABILITY OF FREEZES OCCURRING AS LATE IN THE SPRING OR AS EARLY IN THE FALL AS DATES SHOWN IN THE FOLLOWING TABLE

Temperature As Cold As	SPRING MONTHS			FALL MONTHS		
	50%	20%	10%	50%	20%	10%
32°	Apr. 19	Apr. 28	May 3	Oct. 17	Oct. 5	Sept. 29
28°	Apr. 8	Apr. 18	Apr. 23	Oct. 25	Oct. 14	Oct. 9
24°	Mar. 29	Apr. 7	Apr. 12	Nov. 6	Oct. 28	Oct. 24
20°	Mar. 17	Mar. 28	Apr. 3	Nov. 14	Nov. 5	Nov. 1
15°	Mar. 11	Mar. 20	Mar. 25	Nov. 27	Nov. 17	Nov. 11

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	.39	3.24	2.48	2.11	4.23	2.41	1.49	3.08	3.00	2.65	4.77	2.31	32.16
1932	1.91	1.28	.85	1.91	1.89	2.34	3.05	3.31	2.10	2.34	1.35	1.54	26.77
1933	1.57	1.26	3.67	2.57	7.82	1.31	.83	2.63	2.66	2.14	.91	4.88	27.05
1934	.94	1.00	1.89	1.56	1.93	3.02	.80	3.66	7.66	2.15	4.92	.75	30.28
1935	1.78	1.48	3.15	2.66	9.86	7.19	4.43	1.14	4.02	3.84	4.56	.96	45.07
1936	1.36	1.61	1.59	1.15	3.77	.66	.17	2.78	6.45	2.09	3.10	26.20	
1937	4.33	1.23	1.67	2.64	4.36	4.32	4.93	2.80	1.32	2.65	4.43	2.26	34.96
1938	2.98	2.27	3.82	5.01	7.07	3.87	4.55	3.39	1.05	.66	4.04	1.57	40.38
1939	1.14	1.49	2.07	3.25	3.36	10.17	1.86	8.10	.29	1.36	2.56	1.10	36.75
1940	1.19	1.07	2.10	2.57	2.59	2.53	.89	5.24	.12	2.93	2.73	2.21	27.17
1941	3.51	.27	.82	2.98	2.60	3.03	2.62	2.97	12.40	1.67	1.85	40.19	
1942	.71	3.71	1.99	5.20	7.68	8.35	2.83	4.45	5.68	1.66	3.82	2.84	48.92
1943	.66	.75	1.40	2.18	7.85	8.71	5.23	1.65	4.58	4.50	1.80	1.91	41.22
1944	.51	2.35	4.91	9.41	4.04	2.03	1.99	6.06	3.61	1.36	2.55	1.44	40.26
1945	.66	1.82	5.46	7.08	5.15	7.51	1.75	2.43	9.88	1.40	.58	1.97	45.69
1946	2.30	1.69	3.12	2.27	3.63	3.83	8.15	6.33	4.82	5.09	4.19	1.50	43.92
1947	1.30	.12	3.93	6.61	4.55	10.42	1.11	.88	4.67	2.51	2.12	2.45	40.67
1948	1.20	1.70	3.24	.80	3.38	3.58	4.38	4.80	2.44	2.25	5.17	1.08	34.02
1949	5.01	1.65	2.05	1.45	5.16	5.79	3.55	3.02	4.84	5.28	.55	4.18	42.53
1950	2.05	1.27	.90	2.54	4.40	2.94	3.91	5.86	.22	.52	.88	.12	25.61
1951	1.27	3.79	6.18	3.71	3.10	9.66	4.16	5.31	4.65	2.32	2.41	1.20	47.96
1952	.89	1.55	3.01	4.24	3.06	3.69	3.88	6.62	2.05	.26	3.05	1.82	34.12
1953	.99	2.20	3.79	2.01	3.44	1.44	2.65	2.16	1.34	1.69	.32	1.24	23.27
1954	.48	1.13	1.56	4.49	6.05	2.19	1.69	8.48	1.69	3.95	.13	1.66	32.09
1955	1.80	3.16	1.23	2.34	3.71	6.20	2.95	7.47	3.76	5.82	.10	.19	38.73
1956	.33	1.62	.28	3.98	3.38	1.61	7.14	2.50	.37	.62	.25	1.70	23.76
1957	2.13	2.04	2.16	3.29	5.00	5.10	4.43	1.32	2.31	5.18	1.88	2.47	37.31
1958	1.81	1.31	2.26	2.42	6.37	6.21	11.62	.88	2.58	1.12	3.11	.62	40.31
1959	1.36	2.17	3.53	3.36	4.18	.46	4.02	1.23	4.07	3.10	.33	1.40	29.21
1960	1.81	1.55	1.68	4.84	4.25	3.40	3.54	1.14	.23	5.71	1.70	1.53	31.38

STATION HISTORY

DATE	LOCATION	ELEVATION	OBSERVER
1-1-1883/9-30-1918	Fayette	725	F. Berry Smith
10-1-1918/7-30-1919	"	725	L. G. Abernathy
9-1-1919/6-30-1920	"	725	D. R. Briggs
7-1-1920/10-31-1925	"	661	L. W. Jacobs, Jr.
11-1-1925/10-31-1934	"	661	J. D. Settle
12-1-1934/1-31-1938	I. M. W	680	Harry P. Mason
2-1-1938/8-11-1939	I. M. W	760	R. R. Fleet
8-12-1939/ Present	I. M. W	760	Irvin E. Schmeil