

Average Temperature (°F) ARCADIA, MISSOURI

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Ann'l
1931	33.5	38.9	38.3	52.1	58.6	73.4	79.4	72.9	73.2	58.6	51.8	42.1	55.9
1932	33.8	41.2	37.4	56.8	62.4	72.4	77.9	74.5	66.2	54.1	39.4	32.4	50.4
1933	34.9	33.2	43.7	51.1	65.7	74.2	79.1	72.9	73.1	54.7	44.8	39.6	50.2
1934	35.9	30.8	40.2	54.7	65.4	76.2	83.0	77.6	68.9	59.3	48.4	31.9	55.8
1935	34.7	36.0	51.2	52.0	60.7	68.0	76.7	75.2	66.7	56.9	42.5	29.4	54.4
1936	34.7	38.5	40.8	51.4	60.6	74.2	82.8	82.5	71.5	55.6	40.9	38.2	54.9
1937	30.6	32.5	49.2	51.4	64.5	73.1	74.8	78.0	66.2	55.3	40.9	32.4	50.4
1938	32.5	42.6	52.0	54.2	64.0	70.4	79.8	79.5	70.2	60.5	44.3	34.9	57.3
1939	37.9	33.0	40.5	52.2	65.1	72.0	75.3	72.4	73.4	60.0	37.1	37.1	55.7
1940	17.5	33.7	42.5	53.7	61.7	72.2	75.3	75.2	66.1	61.6	43.2	39.0	53.5
1941	35.7	32.0	39.2	53.2	62.1	74.0	80.9	72.2	71.3	62.4	45.0	39.3	57.2
1942	33.7	32.0	46.5	57.6	62.1	72.4	77.9	77.2	66.2	47.1	33.0	35.2	55.2
1943	33.2	38.5	38.5	50.0	63.8	75.4	78.6	77.8	64.8	54.1	42.4	32.7	54.6
1944	36.2	38.2	41.9	53.5	67.8	76.1	79.1	76.5	68.9	59.2	48.4	31.3	56.1
1945	30.6	36.4	53.5	57.6	59.9	69.9	73.4	76.1	66.4	56.0	46.5	29.3	55.0
1946	30.0	40.1	33.9	58.0	59.6	72.5	73.1	73.2	64.4	58.2	47.3	39.3	55.2
1947	35.8	28.7	32.9	52.0	62.6	71.1	73.6	82.4	70.0	63.9	42.4	37.7	55.2
1948	35.8	34.2	42.4	52.0	61.8	71.1	79.0	74.7	69.4	53.5	48.8	38.3	54.7
1949	33.7	37.4	45.4	53.7	65.4	73.4	77.7	73.9	61.8	57.7	45.9	37.8	55.2
1950	38.4	35.3	39.6	48.7	63.7	70.4	70.6	71.7	66.5	64.5	40.7	32.6	53.7
1951	35.2	38.8	45.3	58.1	65.8	71.9	74.4	75.2	63.5	58.7	38.9	35.8	53.3
1952	39.5	42.8	44.2	50.1	64.4	80.2	72.0	75.2	67.1	64.0	46.0	38.0	55.3
1953	34.0	40.1	48.4	57.0	66.8	75.3	75.3	80.8	65.1	51.6	36.3	36.3	56.5
1954	34.0	40.1	48.4	57.0	66.8	75.3	75.3	80.8	65.1	51.6	36.3	36.3	56.5
1955	35.2	37.9	48.2	62.5	66.7	68.2	79.3	76.3	72.4	57.2	43.6	35.5	56.9
1956	31.9	42.6	44.6	58.7	68.3	72.5	77.8	77.8	67.7	62.3	45.2	45.2	57.2
1957	29.3	42.6	44.6	58.7	68.3	72.5	77.8	77.8	67.7	62.3	45.2	45.2	57.2
1958	32.8	28.7	38.9	56.3	64.9	71.3	74.1	75.1	67.4	53.9	50.0	35.0	54.5
1959	31.2	37.7	47.6	57.4	67.4	72.8	74.7	77.6	69.2	57.6	40.3	40.3	56.3
1960	36.3	33.9	34.0	60.3	62.9	72.7	75.6	77.1	71.7	58.4	46.3	32.4	55.2

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. 23	Apr. 31	May 5	Oct. 13	Oct. 2	Sept. 27				
28°	Apr. 7	Apr. 18	Apr. 25	Oct. 26	Oct. 15	Oct. 9				
24°	Mar. 25	Apr. 4	Apr. 10	Nov. 4	Oct. 27	Oct. 22				
20°	Mar. 15	Mar. 27	Apr. 1	Nov. 16	Nov. 6	Nov. 1				
16°	Mar. 6	Mar. 18	Mar. 24	Nov. 30	Nov. 20	Nov. 14				

Total Precipitation (Inches)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Ann'l
1931	1.58	2.02	2.83	5.07	2.26	4.23	4.30	7.23	1.41	4.89	5.45	2.19	34.18
1932	3.30	6.32	2.86	1.19	2.34	5.12	1.19	2.34	1.51	4.84	5.45	5.68	38.12
1933	2.55	2.10	2.90	6.55	11.53	0.00	3.97	1.68	7.57	5.21	1.27	2.17	47.60
1934	1.49	1.51	2.61	3.52	2.13	2.74	.63	7.10	7.87	3.02	5.09	2.17	40.08
1935	3.14	1.02	1.77	6.37	12.48	7.30	2.57	3.85	3.74	5.39	1.49	58.34	
1936	3.37	1.45	1.14	2.55	7.74	.88	2.00	.62	7.93	7.69	2.09	3.24	30.72
1937	8.71	1.08	1.52	5.53	3.89	5.41	4.96	1.55	3.02	4.92	2.79	3.52	46.90
1938	3.80	5.21	7.37	4.36	5.30	3.49	3.33	.83	1.10	.60	3.85	2.48	41.72
1939	4.76	4.29	4.65	5.89	2.96	4.71	3.41	3.39	.83	1.72	2.95	2.14	41.70
1940	1.74	1.14	3.90	5.73	2.58	3.59	.97	4.70	.74	1.59	5.13	3.18	34.99
1941	2.80	.70	.65	3.28	2.13	2.46	2.01	3.65	5.86	11.51	3.95	1.83	40.83
1942	3.52	4.27	3.53	3.09	5.57	7.39	3.85	1.80	3.01	5.46	6.15	4.76	52.40
1943	.09	1.36	2.52	3.59	11.25	5.93	1.85	2.26	3.57	3.95	1.32	1.80	47.96
1944	.69	3.34	3.12	4.23	3.07	1.19	4.07	2.60	2.79	.50	1.97	1.88	29.45
1945	.64	4.54	10.16	12.02	4.46	14.08	1.62	.81	8.46	4.67	2.75	1.15	65.36
1946	1.93	3.37	3.16	3.75	12.73	2.04	3.04	4.89	2.95	1.25	9.16	2.45	50.72
1947	1.94	1.94	2.61	9.58	4.40	7.20	3.07	2.00	2.69	3.44	4.60	1.03	42.76
1948	5.26	2.37	6.61	1.78	5.29	5.31	5.74	1.47	2.11	2.34	6.58	3.10	47.96
1949	8.47	3.29	5.73	2.16	4.87	5.55	4.47	.64	2.50	8.64	.38	4.13	51.13
1950	10.15	4.06	2.75	4.68	5.28	2.91	2.43	7.76	3.28	.83	2.03	.64	46.80
1951	3.95	4.78	2.17	3.13	3.95	9.11	4.67	4.91	3.77	3.87	7.64	1.50	53.45
1952	1.07	1.75	5.04	4.44	1.38	.32	4.76	3.48	1.82	4.77	4.77	1.68	31.70
1953	---	1.30	2.55	2.60	2.14	3.04	1.88	.55	.30	1.84	1.38	.66	18.95
1954	---	2.18	1.87	3.01	5.07	5.36	1.29	3.46	3.05	3.97	.95	4.96	35.17
1955	.46	4.23	4.26	3.25	4.96	3.68	2.40	1.69	1.74	2.51	4.40	.45	34.03
1956	.55	5.31	1.45	3.64	3.60	4.65	2.27	2.64	1.53	3.28	1.10	34.49	
1957	2.34	3.43	3.25	12.66	10.94	14.24	6.71	2.95	1.50	3.44	5.86	6.91	74.23
1958	1.83	2.24	5.01	4.52	4.29	7.10	9.06	4.58	1.76	5.41	4.30	4.30	43.50
1959	4.78	2.75	3.67	3.43	6.15	3.12	2.89	6.51	5.93	4.16	1.55	4.85	49.79
1960	1.55	2.12	2.96	2.50	5.21	1.89	2.65	3.50	3.88	3.45	5.13	2.82	37.66

STATION HISTORY

DATE	LOCATION	ELEVATION	OBSERVER
1-1897/4-1-1918	1/4 MI. SE Ironton	925	W. H. Delano
4-1-1918/4-30-1918			W. Curry
5-1-1919/4-3-1958	1/4 MI. SSW Arcadia	940	Arcadia College
4-12-1958/ Present	3 MI. SE of P.O.	926	Arcadia College