

### Relation of Rainfall to Wheat and Corn Production in Kansas

Rainfall				Wheat					Corn (for Grain)				
Year	Wichita	Dodge City	Ottawa	Total Production of Wheat in Bushels	Number of Acres of Wheat Harvested	Average Yield Per Acre	Average Value Per Bushel	Total Value of Wheat in Dollars Per Year	Total Production of Corn in Bushels	Number of Acres of Corn Harvested	Average Yield Per Acre	Average Value Per Bushel	Total Value of Corn in Dollars Per Year
2008	47.77	22.68	43.71	356,000,000	8,900,000	40.0	7.15	2,545,400,000	486,420,000	3,800,000	134.0	4.25	2,067,285,000
2007	41.70	27.53	49.01	283,800,000	8,600,000	33.0	6.20	1,759,560,000	518,000,000	3,840,000	140.0	4.00	2,072,000,000
2006	26.76	24.58	29.20	291,200,000	9,100,000	32.0	4.60	1,327,872,000	345,000,000	3,300,000	115.0	3.20	1,104,000,000
2005	35.85	25.67	48.36	380,000,000	9,500,000	40.0	3.30	1,254,000,000	465,750,000	3,450,000	135.0	2.10	978,075,000
2004	40.03	23.53	42.87	314,500,000	8,500,000	37.0	3.25	1,022,125,000	432,000,000	2,880,000	150.0	2.12	915,840,000
2003	31.08	19.07	33.46	480,000,000	10,000,000	48.0	3.15	1,512,000,000	300,000,000	2,500,000	120.0	2.55	765,000,000
2002	34.80	17.84	27.67	270,600,000	8,200,000	33.0	3.41	922,746,000	301,600,000	2,600,000	116.0	2.48	747,968,000
2001	24.49	18.29	33.65	328,000,000	8,200,000	40.0	2.69	882,320,000	387,350,000	3,050,000	127.0	2.03	786,321,000
2000	33.99	23.23	31.74	347,800,000	9,400,000	37.0	2.65	921,670,000	412,100,000	3,170,000	130.0	2.00	824,200,000
1999	45.46	19.87	26.95	432,400,000	9,200,000	47.0	2.35	1,016,140,000	420,180,000	2,980,000	141.0	1.90	798,342,000
1998	34.66	21.77	49.89	494,900,000	10,100,000	49.0	2.53	1,252,097,000	418,950,000	2,850,000	147.0	1.96	821,142,000
1997	37.03	31.98	43.93	501,400,000	10,900,000	46.0	3.16	1,584,424,000	371,800,000	2,600,000	143.0	2.47	918,346,000
1996	28.49	32.39	43.91	255,200,000	8,800,000	29.0	4.63	1,181,576,000	357,200,000	2,350,000	152.0	2.83	1,010,876,000
1995	34.30	19.46	36.89	286,000,000	11,000,000	26.0	4.59	1,312,740,000	244,280,000	1,970,000	124.0	3.24	791,467,000
1994	24.86	19.10	37.40	433,200,000	11,400,000	38.0	3.32	1,438,244,000	300,300,000	2,100,000	143.0	2.32	696,696,000
1993	33.12	26.82	52.90	388,500,000	11,100,000	35.0	3.00	1,165,500,000	216,000,000	1,800,000	120.0	2.61	563,760,000
1992	35.48	22.26	45.46	363,800,000	10,700,000	34.0	3.13	1,138,694,000	259,500,000	1,730,000	150.0	2.15	557,925,000
1991	26.74	12.72	24.40	363,000,000	11,000,000	33.0	2.81	1,020,030,000	206,250,000	1,650,000	125.0	2.42	499,125,000
1990	19.71	20.88	40.39	472,000,000	11,800,000	40.0	2.51	1,184,720,000	188,500,000	1,450,000	130.0	2.25	424,125,000
1989	34.69	20.95	36.01	213,600,000	8,900,000	24.0	3.74	798,864,000	155,000,000	1,240,000	125.0	2.28	353,400,000
1988	17.07	14.96	28.12	323,000,000	9,500,000	34.0	3.58	1,156,340,000	143,750,000	1,150,000	125.0	2.60	373,750,000
1987	38.56	23.66	42.23	366,300,000	9,900,000	37.0	2.43	890,109,000	147,600,000	1,230,000	120.0	1.84	271,584,000
1986	31.29	20.28	43.53	336,600,000	10,200,000	33.0	2.25	757,350,000	181,560,000	1,335,000	136.0	1.60	290,496,000
1985	33.64	22.48	48.18	433,200,000	11,400,000	38.0	2.86	1,238,952,000	152,100,000	1,170,000	130.0	2.37	360,477,000
1984	28.32	18.97	41.94	431,200,000	11,200,000	38.5	3.32	1,431,584,000	119,375,000	955,000	125.0	2.77	330,668,750
1983	36.68	24.39	38.29	448,200,000	10,800,000	41.5	3.40	1,523,880,000	85,560,000	920,000	93.0	3.25	278,070,000
1982	27.13	19.52	41.83	458,500,000	13,100,000	35.0	3.41	1,563,485,000	139,080,000	1,220,000	114.0	2.71	376,907,000
1981	27.66	25.12	47.35	302,500,000	12,100,000	25.0	3.76	1,137,400,000	148,050,000	1,175,000	126.0	2.58	381,969,000
1980	20.49	19.80	29.09	420,000,000	12,000,000	35.0	3.78	1,587,600,000	110,920,000	1,180,000	94.0	3.32	368,254,400
1979	28.71	23.62	37.03	410,400,000	10,800,000	38.0	3.72	1,526,688,000	171,990,000	1,470,000	117.0	2.51	431,694,900
1978	22.26	20.76	32.88	300,000,000	10,000,000	30.0	2.89	867,000,000	153,000,000	1,500,000	102.0	2.35	359,550,000
1977	35.76	22.11	48.87	344,850,000	12,100,000	28.5	2.24	772,464,000	161,280,000	1,680,000	96.0	1.99	320,947,200
1976	23.58	16.90	20.12	339,000,000	11,300,000	30.0	2.59	878,010,000	171,840,000	1,790,000	96.0	2.12	364,300,800
1975	29.65	18.83	34.97	350,900,000	12,100,000	29.0	3.42	1,200,078,000	141,040,000	1,640,000	86.0	2.50	352,600,200
1974	27.20	19.81	36.59	319,000,000	11,600,000	27.5	3.86	1,231,340,000	131,930,000	1,670,000	79.0	3.01	397,109,300
1973	41.96	32.42	51.52	384,800,000	10,400,000	37.0	3.75	1,443,000,000	154,000,000	1,540,000	100.0	2.46	378,840,000
1972	23.31	31.00	37.46	314,900,000	9,400,000	33.5	1.68	529,032,000	130,000,000	1,250,000	104.0	1.52	197,600,000
1971	29.61	25.28	36.62	312,605,000	9,061,000	34.5	1.32	412,638,600	124,545,000	1,311,000	95.0	1.12	139,490,400
1970	25.28	12.26	34.60	299,013,000	9,061,000	33.0	1.25	373,766,250	82,240,000	1,285,000	64.0	1.31	107,734,400
1969	34.17	18.79	40.23	305,319,000	9,849,000	31.0	1.19	363,329,610	95,432,000	1,208,000	79.0	1.13	107,838,160
1968	33.42	27.79	41.90	253,526,000	9,751,000	26.0	1.22	309,301,720	88,452,000	1,134,000	78.0	1.06	93,759,120
1967	23.44	21.30	45.80	221,620,000	11,081,000	20.0	1.35	299,187,000	72,080,000	1,060,000	68.0	1.06	76,404,800
1966	12.15	14.14	33.45	200,070,000	10,260,000	19.5	1.64	328,114,800	59,682,000	1,029,000	58.0	1.28	76,392,960
1965	38.97	24.95	40.26	236,386,000	10,059,000	23.5	1.35	319,121,100	61,950,000	1,050,000	59.0	1.17	72,481,500
1964	34.21	21.25	38.36	208,780,000	9,490,000	22.0	1.37	286,028,600	46,800,000	1,040,000	45.0	1.19	55,692,000
1963	28.10	12.97	24.12	185,480,000	8,627,000	21.5	1.86	344,992,800	62,100,000	1,350,000	46.0	1.12	69,552,000
1962	32.55	27.97	36.93	211,171,000	8,986,000	23.5	2.06	435,012,260	66,198,000	1,298,000	51.0	1.10	72,817,800
1961	39.27	21.34	56.67	273,718,000	10,329,000	26.5	1.79	489,955,220	58,800,000	1,225,000	48.0	1.08	63,504,000
1960	36.79	20.14	38.29	294,376,000	10,329,000	28.5	1.74	512,214,240	88,740,000	1,972,000	45.0	0.98	86,965,200
1959	33.58	20.09	35.80	211,744,000	10,329,000	20.5	1.78	376,904,320	80,220,000	1,933,000	41.5	1.02	81,824,400
1958	31.66	22.23	48.82	297,340,000	10,433,000	28.5	1.78	529,265,200	72,492,000	1,726,000	42.0	1.05	76,116,600

1957	37.15	25.76	44.96	100,111,000	5,269,000	19.0	1.96	196,217,560	44,283,000	1,527,000	29.0	1.13	50,039,790
1956	12.73	9.97	29.79	143,282,000	9,244,000	15.5	2.00	286,564,000	32,067,000	1,527,000	21.0	1.35	43,290,450
1955	23.77	17.20	32.69	128,385,000	8,559,000	15.0	2.06	264,473,100	34,104,000	1,624,000	21.0	1.39	47,404,560
1954	14.53	12.01	39.36	176,208,000	10,069,000	17.5	2.18	384,133,440	41,640,000	2,082,000	20.0	1.48	61,627,200
1953	19.11	11.46	25.46	144,662,000	11,573,000	12.5	2.11	305,236,820	50,869,000	2,366,000	21.5	1.48	75,286,120
1952	20.23	14.24	32.53	307,629,000	14,649,000	21.0	2.14	658,326,060	59,840,000	2,720,000	22.0	1.53	91,555,200
1951	50.48	32.76	61.41	126,113,000	9,701,000	13.0	2.13	268,620,690	58,296,000	2,429,000	24.0	1.73	100,852,080
1950	30.87	14.55	32.00	178,060,000	12,280,000	14.5	2.02	359,681,200	89,495,000	2,557,000	35.0	1.43	127,977,850
1949	38.17	25.44	45.99	157,069,000	14,279,000	11.0	1.89	296,860,410	68,114,000	2,459,000	27.7	1.19	81,055,660
1948	31.35	23.67	35.38	231,368,000	13,221,000	17.5	1.97	455,794,960	76,830,000	2,364,000	32.5	1.29	99,110,700
1947	25.93	20.34	46.21	286,702,000	14,855,000	19.3	2.25	645,079,500	39,406,000	2,318,000	17.0	2.21	87,087,260
1946	23.67	19.04	41.52	212,977,000	13,147,000	16.2	1.91	406,786,070	63,231,000	3,011,000	21.0	1.54	97,375,740
1945	36.71	21.93	48.87	207,939,000	13,416,000	15.5	1.49	309,829,110	68,563,000	2,981,000	23.0	1.23	84,332,490
1944	43.53	34.29	46.42	187,700,000	11,377,000	16.5	1.42	266,534,000	97,598,000	3,549,000	27.5	1.02	99,549,960
1943	29.94	14.58	37.70	144,241,000	10,159,000	14.2	1.37	197,610,170	77,308,000	3,514,000	22.0	1.10	85,038,800
1942	42.13	24.54	40.42	200,101,000	10,374,000	19.3	1.09	218,110,090	82,415,000	3,110,000	26.5	0.91	74,997,650
1941	33.25	30.13	48.28	173,332,000	11,799,000	14.7	0.94	162,932,080	55,980,000	2,488,000	22.5	0.73	40,865,400
1940	36.77	25.84	36.17	126,553,000	8,739,000	14.5	0.64	80,993,920	42,352,000	2,647,000	16.0	0.58	24,564,160
1939	28.64	12.98	23.50	114,858,000	9,574,000	12.0	0.66	75,806,280	38,598,000	2,757,000	14.0	0.58	22,386,840
1938	32.81	19.43	39.38	152,163,000	14,494,000	10.5	0.57	86,732,910	45,220,000	2,260,000	20.0	0.50	22,610,000
1937	25.63	12.63	23.38	158,052,000	13,172,000	12.0	1.01	159,632,520	29,472,000	2,456,000	12.0	0.56	16,504,320
1936	15.58	14.17	22.61	120,234,000	10,458,000	11.5	1.00	120,234,000	11,036,000	2,759,000	4.0	1.19	13,132,840
1935	36.23	15.09	39.76	64,055,000	6,888,000	9.3	0.89	57,008,950	39,420,000	4,380,000	9.0	0.73	28,776,600
1934	24.15	11.50	31.20	84,323,000	8,610,000	9.8	0.84	70,831,320	13,220,000	3,777,000	3.5	0.97	12,823,400
1933	21.81	18.66	34.25	66,931,000	7,361,000	9.1	0.71	47,521,010	80,431,000	6,994,000	11.5	0.44	35,389,640
1932	23.69	17.71	32.99	120,178,000	10,365,000	11.6	0.33	39,658,740	139,878,000	7,362,000	19.0	0.27	37,767,060
1931	29.36	15.75	41.23	251,885,000	13,623,000	18.5	0.33	83,122,050	118,314,000	6,573,000	18.0	0.28	33,127,920
1930	26.01	19.14	26.86	186,277,000	13,132,000	14.2	0.63	117,354,510	81,312,000	6,776,000	12.0	0.52	42,282,240
1929	34.84	21.90	33.96	155,563,000	12,550,000	12.4	0.99	154,007,370	119,574,000	6,643,000	18.0	0.73	87,289,020
1928	37.53	27.77	39.17	173,185,000	10,639,000	16.3	0.99	171,453,150	174,700,000	6,988,000	25.0	0.74	129,278,000
z	34.85	25.10	42.67	114,216,000	10,202,000	11.2	1.24	141,627,840	168,507,000	6,241,000	27.0	0.72	121,325,040
1926	30.18	19.99	28.55	153,991,000	10,409,000	14.8	1.20	184,789,200	66,482,000	5,781,000	11.5	0.75	49,861,500
1925	23.95	26.21	28.31	80,539,000	8,755,000	9.2	1.48	119,197,720	118,307,000	6,722,000	17.6	0.67	79,265,690
1924	22.73	19.49	29.77	157,022,000	9,817,000	16.0	1.15	180,575,300	131,415,000	6,056,000	21.7	0.96	126,158,400
1923	35.28	24.64	35.29	83,804,000	8,299,000	10.1	0.90	75,423,600	131,399,000	5,713,000	23.0	0.72	94,607,280
1922	41.94	23.61	36.73	124,809,000	9,756,000	12.8	0.94	117,320,460	98,705,000	5,195,000	19.0	0.68	67,119,400
1921	23.37	17.51	44.31	133,964,000	10,554,000	12.7	1.03	137,982,920	105,746,000	4,638,000	22.8	0.43	45,470,780
1920	29.95	22.97	40.23	144,933,000	9,294,000	15.6	1.76	255,082,080	139,672,000	5,331,000	26.2	0.47	65,645,840
1919	22.98	13.70	28.20	153,311,000	11,624,000	13.2	2.14	328,085,540	67,735,000	4,370,000	15.5	1.49	100,925,150
1918	38.56	19.58	28.67	97,710,000	7,250,000	13.5	2.00	195,420,000	42,910,000	6,130,000	7.0	1.59	68,226,900
1917	16.11	13.06	28.50	42,785,000	3,730,000	11.5	2.12	90,704,200	119,028,000	9,156,000	13.0	1.51	179,732,280
1916	29.62	14.34	39.04	97,980,000	8,170,000	12.0	1.44	141,091,200	69,500,000	6,950,000	10.0	1.09	75,755,000
1915	41.23	28.75	58.35	106,478,000	8,520,000	12.5	0.97	103,283,660	172,050,000	5,550,000	31.0	0.63	108,391,500
1914	23.32	12.32	28.37	172,750,000	8,650,000	20.0	0.93	160,657,500	108,225,000	5,850,000	18.5	0.69	74,675,250
1913	21.94	17.28	28.20	86,790,000	7,250,000	12.0	0.78	67,696,200	21,960,000	7,320,000	3.0	0.76	16,689,600
1912	29.14	24.40	31.92	93,695,000	6,460,000	14.5	0.80	74,956,000	174,225,000	7,575,000	23.0	0.53	92,339,250
1911	36.89	22.27	22.56	56,799,000	5,300,000	10.7	0.86	48,847,140	118,276,000	8,157,000	14.5	0.67	79,244,920
1910	17.72	10.12	31.94	60,475,000	4,870,000	12.4	0.87	52,613,250	170,050,000	8,950,000	19.0	0.48	81,624,000
1909	30.56	20.55	42.94	77,451,000	5,974,000	13.0	0.98	75,901,980	154,882,000	8,109,000	19.1	0.59	91,380,380
1908	37.71	19.61	45.68	84,625,000	6,770,000	12.5	0.88	74,470,000	162,492,000	7,386,000	22.0	0.55	89,370,600
1907	31.51	18.26	35.25	75,680,000	6,880,000	11.0	0.82	62,057,600	155,914,000	7,087,000	22.0	0.44	68,602,160
1906	31.00	32.54	35.99	84,245,000	5,810,000	14.5	0.58	48,862,100	197,751,000	6,819,000	29.0	0.32	63,280,320
1905	34.53	25.96	46.22	78,120,000	5,580,000	14.0	0.71	55,465,200	197,176,000	7,042,000	28.0	0.33	65,068,080
1904	31.11	17.19	44.60	63,750,000	5,100,000	12.5	0.89	56,737,500	140,847,000	6,707,000	21.0	0.41	57,747,270
1903	31.08	15.27	43.67	92,430,000	5,850,000	15.8	0.59	54,533,700	174,382,000	6,707,000	26.0	0.36	62,777,520
AVG	30.48	20.80	37.82	230,618,736	9,860,330	22.94	2.03	567,562,194	145,835,736	3,426,849	60.52	1.48	269,143,054