

## Transactions of the Kansas State Board of Agriculture, 1887-88

### Section 2, Pages 31 - 60

This biennial report from the Kansas State Board of Agriculture includes information on livestock and other agricultural topics. Also covered are county statistics for population, acreages, productions, live stock, assessed valuation of property, and a listing of churches for each county. State statistics, crop and livestock statistics are also included.

Creator: Kansas State Board of Agriculture

Date: 1889

Callnumber: SP 630.6 K13 1887-1888

KSHS Identifier: DaRT ID: 225332

Item Identifier: 225332

[www.kansasmemory.org/item/225332](http://www.kansasmemory.org/item/225332)

KANSAS  
HISTORICAL  
SOCIETY

## Transactions of the Kansas State Board of Agriculture, 1887-88

26

### KANSAS STATE BOARD OF AGRICULTURE.

#### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	1,600	16,000	\$ 9,600 00	4,405	70,480	\$ 63,432 00
Rye.....bu.	218	2,616	1,308 00	529	7,935	5,951 25
Spring wheat.....bu.	3	30	18 00	9	90	55 80
Corn.....bu.	22,249	444,980	177,992 00	39,887	997,175	349,011 25
Barley.....bu.						
Oats.....bu.	5,115	153,450	46,035 00	8,424	168,480	50,544 00
Buckwheat.....bu.				6	60	45 00
Irish potatoes.....bu.	610	48,800	36,600 00	427	42,700	42,700 00
Sweet potatoes.....bu.	56	5,600	3,360 00	137	41,100	41,100 00
Sorghum.....bu.	1,670		16,700 00	1,811		21,725 00
Castor beans.....bu.	36	432	388 80	104	1,248	1,248 00
Cotton.....lbs.	147	36,750	2,940 00	142	42,600	3,408 00
Flax.....bu.	167	1,670	1,419 50	553	5,530	4,977 00
Hemp.....lbs.				7	4,900	245 00
Tobacco.....lbs.				2	1,200	120 00
Broom corn.....lbs.	210	126,000	4,410 00	220	88,000	3,080 00
Millet and Hungarian.....tons	8,650	17,300	86,500 00	5,963	11,926	59,630 00
Timothy.....	7			60		
Clover.....	30			225		
Orchard grass.....tons		* 440	2,200 00	24	+ 924	5,544 00
Blue grass.....	2			4		
Other tame grasses.....	254			149		
Prairie, under fence.....tons	29,405	11,912	47,648 00	30,494	9,838	39,352 00
Total.....	70,429		\$437,119 30	63,582		\$692,168 30

\* Product of 1886. + Product of 1887.

Wheat on hand—March 1, 1887, 2,376 bushels; March 1, 1888, 503 bushels.

Corn on hand—March 1, 1887, 114,372 bushels; March 1, 1888, 29,160 bushels.

#### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	3,847	\$346,220 00	4,737	\$426,320 00		139
Mules and asses.....	766	76,600 00	803	80,300 00		18
Milch cows.....	4,259	85,180 00	5,054	101,080 00	193	148
Other cattle.....	15,968	319,960 00	21,799	435,980 00	743	254
Sheep.....	3,330	6,660 00	2,503	5,006 00	* 95	* 52
Swine.....	5,087	39,809 00	5,566	44,528 00	399	978
Total.....	33,887	\$874,439 00	40,462	\$1,093,224 00	1,437	1,589

Herd law, not in force.

\* Including the number of head killed by dogs.

Number of dogs in county, March 1, 1887, 1,721.

Number of dogs in county, March 1, 1888, 1,130.

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Assess- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	63	47	71	69	65	67	57	42	69
1888.....	70	45	61	53	63	66	44	37	70



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BARBER COUNTY.

27

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	70,429	\$437,119 30	93,582	\$692,168 80
Animals slaughtered and sold for slaughter.....		123,832 00		119,884 00
Value of the increase in live stock.....		8,373 00		213,098 00
Wool clip.....lbs.	12,000	2,160 00	9,000	1,620 00
Butter.....lbs.	127,987	20,468 32	126,332	22,739 76
Cheese.....lbs.	50	6 00	1,170	140 40
Honey and bees-wax.....lbs.				
Milk sold.....		1,480 00		2,768 00
Horticultural products marketed.....		205 00		100 00
Wine manufactured.....gals.	152	152 00	60	60 00
Garden products marketed.....		4,255 00		3,214 00
Poultry and eggs sold.....		10,779 00		7,739 00
Wood marketed.....		4,448 00		2,362 00
Total.....		\$613,277 62		\$1,065,893 46

#### HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries.....	6	38
Apple.....	2,128	3,541	Blackberries.....	5	16
Pear.....	542	1,057	Strawberries.....	3	10
Peach.....	18,830	37,229	Total.....	14	64
Plum.....	345	339			
Cherry.....	796	1,136			
Total.....	22,631	43,302			
			ARTIFICIAL FOREST.	1887.	1888.
<i>Number not in bearing.</i>			<i>Acres of trees one year old and over.</i>		
Apple.....	53,144	44,468	Walnut.....	6,190	71
Pear.....	3,876	1,944	Maple.....	5,940	23
Peach.....	78,365	65,285	Honey locust.....	179	21
Plum.....	2,669	2,162	Cottonwood.....	17,318	230
Cherry.....	3,344	3,970	Other varieties.....	18,146	104
Total.....	141,398	117,829	Total.....	47,173	449
			Acres in nurseries.....	364	249
			Acres in vineyards.....	6	37

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.	Amount of capital invested.....	Motive Power.....	Average No. of hands employed	Total amount paid in wages during the year.	Value of	
						Raw material used.....	Product.....
Flouring mill.....	1	\$15,000	Steam.	4	\$2,000	\$1,370	\$8,045
Total.....	1	\$15,000		4	\$2,000	\$1,370	\$8,045

## Transactions of the Kansas State Board of Agriculture, 1887-88

28

### KANSAS STATE BOARD OF AGRICULTURE.

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
Baptist.....	2	34	2	\$3,000
Christian.....	3	215	1	1,000
Congregational.....	1	26	1	.....
Free Methodist.....	2	19	3	9,500
Methodist Episcopal.....	6	454	1	4,000
Presbyterian.....	1	63	.....	.....
Roman Catholic.....	2	75	.....	.....
Total.....	17	886	7	\$17,500

#### PUBLIC SCHOOLS.

Number of organized districts, 91; school population for 1888, 3,173. Average monthly wages paid teachers: Males, \$39.69; females, \$34. Total value of school property in the county, \$87,935.

#### NEWSPAPERS.

*Medicine Lodge Cresset* (Republican). L. M. Axline, editor, publisher, and proprietor, Medicine Lodge.

*The Barber County Index* (Democratic). E. P. Caruthers, editor and proprietor, Medicine Lodge.

*The Hazleton Express* (Republican). W. A. E. Adams, editor and publisher, Hazleton.

*The Kiowa Herald* (Democratic). J. E. Hall, editor and publisher, Kiowa.

*The Kiowa Journal* (Republican). W. C. Charles and D. A. Woodworth, editors and publishers, Kiowa.

*The Union* (Democratic). J. D. Youart and C. W. Owens, editors and proprietors, Sun City.

*Lake City Bee* (Independent). A. B. Hoffman, editor and proprietor, Lake City.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Bank of Hazleton.....	.....	Horace B. Steck	Hazleton.....	\$50,000	.....
Bank of Kiowa.....	A. Drumm.....	J. L. B. Ellis.....	Kiowa.....	25,000	\$10,000
Citizens' National Bank...	C. Q. Chandler.	T. C. Molloy....	Medicine Lodge	50,000	25,000

List of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	W. T. Rouse.....	Medicine Lodge.
Treasurer.....	E. B. Peck.....	Medicine Lodge.
Sheriff.....	Geo. W. Stevens.....	Medicine Lodge.
Clerk District Court.....	Frank Holmes.....	Medicine Lodge.
Probate Judge.....	Loren Edwards.....	Medicine Lodge.
Register of Deeds.....	J. P. Hall.....	Medicine Lodge.
Attorney.....	R. A. Cameron.....	Medicine Lodge.
Superintendent of Schools.....	H. S. Landis.....	Medicine Lodge.
Surveyor.....	D. J. Aber.....	Medicine Lodge.
Coroner.....	Wm. H. Moore.....	Medicine Lodge.
Commissioners.....	John McGrath.....	Medicine Lodge.
	W. W. Standiford.....	Medicine Lodge.
	John D. Fleming.....	Lake City.



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BARTON COUNTY.

29

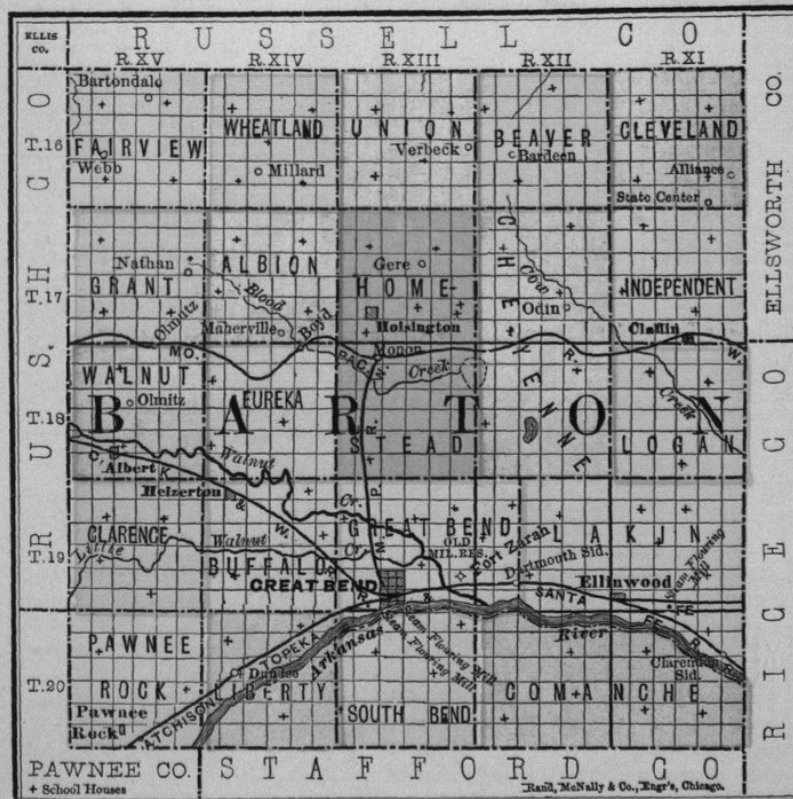
#### POST OFFICES.

Etna, Amber, Canema, Deerhead, Eldred, Elm Mills, Enon,	Hardtner, Hazleton, Isabel, Kiowa, Lake City, Lodi, MEDICINE LODGE (C. H.),	Melior, Mingona, Mumford, Roundup, Sexton, Sharon, Sun City.
---	---	--

#### BARTON COUNTY.

It was organized in 1872, and has an area of 900 square miles. It ranks as the forty-eighth county in population, and has 15.72 persons to the square mile. It is

MAP OF BARTON COUNTY, KANSAS, 1888.



located about midway of the State, north and south, and the next county west of the central county. The county seat is the city of Great Bend, situated on the Arkansas river, in the south central portion, and has a population of 3,343, ranking as the twenty-ninth city in size in the State.



## Transactions of the Kansas State Board of Agriculture, 1887-88

30

### KANSAS STATE BOARD OF AGRICULTURE.

The towns of Ellinwood and Pawnee Rock, situated in the southeastern and southwestern portions respectively, have a large and growing trade with the surrounding country.

#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Person'l	City lots.	Railro'd prop'ty.		
The county.....	13,687	14,148	\$1,297,655	\$443,935	\$567,808	\$650,280	\$2,959,687	\$35,000
School districts.....								45,874
Albion township.....	413	392	\$ 46,967	\$ 8,270		\$ 8,860	\$ 64,127	7,000
Beaver township.....	360	351	42,052	3,402	\$ 480		45,934	
Buffalo township.....	564	507	67,955	17,780	2,355	36,190	124,280	
Cheyenne township..	604	740	75,347	8,485		20,860	113,692	
Clarence township..	383	416	57,683	14,302			72,080	
Cleveland township..	355		41,655	5,098			46,753	
Comanche township..	731		68,495	16,475			84,970	
Eureka township.....	395	396	51,235	7,188		27,600	86,023	12,000
Fairview township..	247	331	38,709	12,261			50,970	
Grant township.....	339	384	44,135	4,000			48,135	13,000
Great Bend towns'p.	506	470	104,890	20,257	4,237	127,128	256,512	56,463
Homestead towns'p.	631	725	91,082	28,903	15,962	56,031	191,978	19,000
Independent towns'p	444	503	48,005	10,950	6,565	11,430	76,950	9,200
Ellinwood city.....	725	680	126,020	51,975	57,670	156,720	392,385	11,000
Lakin township.....	942	1,067	58,475	11,071		71,530	141,066	
Liberty township.....	420	455	56,300	8,905		18,730	83,885	
Logan township.....	559	518	65,145	19,161	20,036	43,330	147,662	5,000
Pawnee Rock tow'p.	713	730	64,048	8,782			72,830	1,237
South Bend towns'p.	342	396	42,134	7,614			49,748	
Union township.....	286	274	58,412	10,684	12,896	49,130	130,022	12,000
Walnut township.....	412	541	48,916	8,232			57,148	
Wheatland towns'p.	358	361					621,337	58,000
Great Bend city.....	2,958	3,343		159,450	448,117	13,770		
Total .....								\$284,774

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive power.....	Average No. of hands employed.	Total amount paid in wages during the year.	Value of	
						Raw material used.....	Product .....
Flouring mills.....	4	\$154,000	Steam.	20	\$12,500	\$302,000	\$400,000
Total .....	4	\$154,000		20	\$12,500	\$302,000	\$400,000

The south half portion of the surface of the county is level, while the north half is higher and somewhat broken. Bottoms on the Arkansas river and Walnut creek average from two to seven miles in width. The proportion of bottom-land to upland is about 40 per cent. Narrow belts of the following varieties of timber are found along all the streams: Cottonwood, ash, box-elder, hackberry, elm, willow, walnut, and some mulberry. Timber is cultivated in all portions of the county. A good quality of magnesian limestone is quarried in the northern portion of the county, and sandstone of an inferior quality in the southern. Fire-clay is found in the northern half of the county, and three and one-half miles north of Great Bend it has been found in veins of from fifteen to eighteen feet thick.



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BARTON COUNTY.

31

Salt marshes and springs are met with in the central portion, and salt beds south of the center, and north of the Arkansas river. Three and one-half miles northeast of the city of Great Bend, there is a flowing well of salt water, and a bed of rock salt of excellent quality has been drilled to the depth of 100 feet. The Arkansas river traverses the southern portion of the county. There are several minor streams of but little importance. Springs are not abundant, although well-water is easily obtained at a depth of ten feet on the bottoms.

#### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	44 101	441,010	\$242,555 50	43,840	613,760	\$448,044 80
Rye.....bu.	4,265	51,180	25,590 00	6,708	93,912	34,747 44
Spring wheat.....bu.	887	13,305	7,317 75	147	1,470	882 00
Corn.....bu.	14,947	224,205	89,682 00	14,791	443,730	168,617 40
Barley.....bu.	3,714	74,280	29,712 00	113	2,260	904 00
Oats.....bu.	12,244	306,100	91,830 00	12,836	179,704	57,505 28
Buckwheat.....bu.	891	13,365	10,023 75	6	60	45 00
Irish potatoes.....bu.	1,362	108,960	81,720 00	1,033	67,145	63,787 75
Sweet potatoes.....bu.	84	8,400	6,300 00	30	3,000	3,000 00
Sorghum.....bu.	754	230	7,540 00	792	400	26,308 00
Castor beans.....bu.	23	1,500	207 00	40	400	400 00
Cotton.....lbs	1	10	130 00	3	24	21 60
Flax.....bu.	1	1	8 50	1	1	60 00
Hemp.....lbs.	2	1,200	120 00	1	600	1,592 50
Tobacco.....lbs.	270	162,000	5,670 00	65	45,500	32,094 00
Broom corn.....lbs.	4,302	8,604	25,812 00	3,596	7,192	2,064 00
Millet and Hungarian.....tons	77			40		
Timothy.....tons	122			152		
Clover.....tons	23	* 547	3,282 90	20	+ 444	2,064 00
Orchard grass.....tons	53			10		
Blue grass.....tons	46			34,291	28,492	121,091 00
Other tame grasses.....tons	32,561	32,724	130,896 00			
Prairie, under fence.....tons						
Total.....	120,735		\$758,386 50	118,484		\$361,764 77

\* Product of 1886. + Product of 1887.

Wheat on hand—March 1, 1887, 101,952 bushels; March 1, 1888, 24,522 bushels.

Corn on hand—March 1, 1887, 379,939 bushels; March 1, 1888, 60,138 bushels.

#### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	6,618	\$595,620 00	6,597	\$593,730 00	283	165
Mules and asses.....	860	86,000 00	836	83,600 00	35	8
Milch cows.....	6,771	135,420 00	6,313	126,260 00	122	82
Other cattle.....	17,926	358,520 00	17,689	353,780 00	546	543
Sheep.....	4,928	9,856 00	3,029	6,058 00	* 2,778	* 8
Swine.....	17,094	119,658 00	12,855	102,840 00	3,061	1,094
Total.....	54,197	\$1,305,074 00	47,319	\$1,266,268 00	6,825	1,900

\* Including the number of head killed by dogs.  
Number of dogs in county, March 1, 1887, 2,021.  
Number of dogs in county, March 1, 1888, 1,826.

Herd law, in force.

## Transactions of the Kansas State Board of Agriculture, 1887-88

32

### KANSAS STATE BOARD OF AGRICULTURE.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	130,735	\$758,386 50	118,484	\$961,764 77
Animals slaughtered and sold for slaughter.....		163,034 00		192,392 00
Value of the increase in live stock.....		130,070 00		
Wool clip.....lbs.	17,381	3,128 58	18,070	3,252 60
Butter.....lbs.	259,412	38,911 80	269,387	48,489 66
Cheese.....lbs.	3,832	459 84	9,620	1,154 40
Honey and bees-wax.....lbs.	35	7 00		
Milk sold.....		2,896 00		70 00
Horticultural products marketed.....		96 00		10,360 00
Wine manufactured.....gals.	150	150 00	125	125 00
Garden products marketed.....		5,293 00		4,153 00
Poultry and eggs sold.....		28,001 00		31,261 00
Wood marketed.....		580 00		175 00
Total.....		\$1,133,022 72		\$1,253,197 43

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Assess- ed val- uation	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	51	53	55	1	44	54	50	31	52
1888.....	48	52	54	3	46	55	51	33	54

#### HORTICULTURE, ETC.

FRUIT TREES.		1887.	1888.	SMALL FRUITS—ACRES.		1887.	1888.
<i>Number of trees in bearing.</i>				Raspberries.....		436	22
Apple.....		5,852	7,705	Blackberries.....		14	180
Pear.....		220	342	Strawberries.....		10	219
Peach.....		19,975	18,128	Total.....		490	421
Plum.....		3,570	2,660				
Cherry.....		3,639	4,206				
Total.....		33,256	33,041	ARTIFICIAL FOREST.		1887.	1888.
<i>Number not in bearing.</i>				<i>Acres of trees one year old and over.</i>			
Apple.....		45,081	38,395	Walnut.....		325	226
Pear.....		1,745	1,731	Maple.....		84	23
Peach.....		31,673	16,115	Honey locust.....		155	77
Plum.....		5,814	5,345	Cottonwood.....		869	606
Cherry.....		13,508	12,246	Other varieties.....		1,018	667
Total.....		97,821	73,882	Total.....		2,341	1,599
				Acres in nurseries.....		169	76
				Acres in vineyards.....		29	23



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BARTON COUNTY.

33

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named; also, statistics relating to denominational schools and colleges, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
African Methodist Episcopal.....	1	43	1	\$ 600
Baptist.....	7	132		
Christian.....	5	280		
Congregational.....	1	158	1	4,500
Dunkard.....	1	50		
Episcopal.....	1	15		
Lutheran.....	3	70	1	2,000
Methodist Episcopal.....	8	475	7	17,600
Presbyterian.....	4	180	3	12,000
Roman Catholic.....	7	2,450	7	22,000
Total.....	38	3,853	20	\$58,700

#### DENOMINATIONAL SCHOOLS.

NAME OF ORGANIZATION.	Average yearly attendance.	Average monthly salaries paid teachers.	No. of school buildings.	Value of buildings and other school property.
Parochial schools (Catholic) 3.....	155	\$100	3	\$3,800

#### PUBLIC SCHOOLS.

Number of organized districts, 99; school population for 1888, 5,024. Average monthly wages paid teachers: Males, \$40.50; females, \$36.57. Total value of school property in the county, \$62,205.

#### NEWSPAPERS.

The *Great Bend Register* (Republican). R. A. Charles, editor; E. L. Chapman, proprietor, Great Bend.  
*Great Bend Tribune* (Republican). C. P. Townsley, editor and proprietor, Great Bend.  
*Barton County Democrat* (Democratic). Will. E. Stoke, editor, Great Bend.  
*The Ellinwood Advocate* (Democratic). J. D. Quillen, editor, Ellinwood.  
*Pawnee Rock Leader* (Republican). J. D. Welch, editor, publisher, and proprietor, Pawnee Rock.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Bank of Claflin.....		J. R. Cannon.....	Claflin.....	\$25,000	
Bank of Ellinwood.....	H. W. Bockemöhle.....	S. B. Deupree.....	Ellinwood...	10,000	
Farmers' & Merchants' B'k.....	D. N. Heizer.....	G. H. Young.....	Great Bend..	50,000	\$ 7,000
First National Bank.....	J. W. Rush.....	C. M. Wickwire..	Great Bend..	50,000	15,000
J. V. Brinkman & Co.....	J. V. Brinkman.....		Great Bend..		
Hoisington State Bank.....	A. J. Hoisington..	A. S. Cooke.....	Hoisington..	10,000	
Pawnee Rock Bank.....	J. W. Ratcliffe....	W. S. Ratcliffe....	Pawnee Rock..	12,000	

## Transactions of the Kansas State Board of Agriculture, 1887-88

34

### KANSAS STATE BOARD OF AGRICULTURE.

List of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	D. R. Jones.....	Great Bend.
Treasurer.....	L. M. Krause.....	Great Bend.
Sheriff.....	F. D. Wilson.....	Great Bend.
Clerk District Court.....	W. R. Bunting.....	Pawnee Rock.
Probate Judge.....	B. F. Ogle.....	Great Bend.
Register of Deeds.....	F. G. Strothman.....	Great Bend.
Attorney.....	Elerick Cole.....	Ellinwood.
Superintendent of Schools.....	William Grant.....	Great Bend.
Surveyor.....	Bernard Mackey.....	Great Bend.
Coroner.....	S. J. Shaw.....	Great Bend.
Commissioners.....	Henry Schwieler.....	Great Bend.
	G. N. Moses.....	Great Bend.
	H. Langfield.....	Ellinwood.

### POST OFFICES.

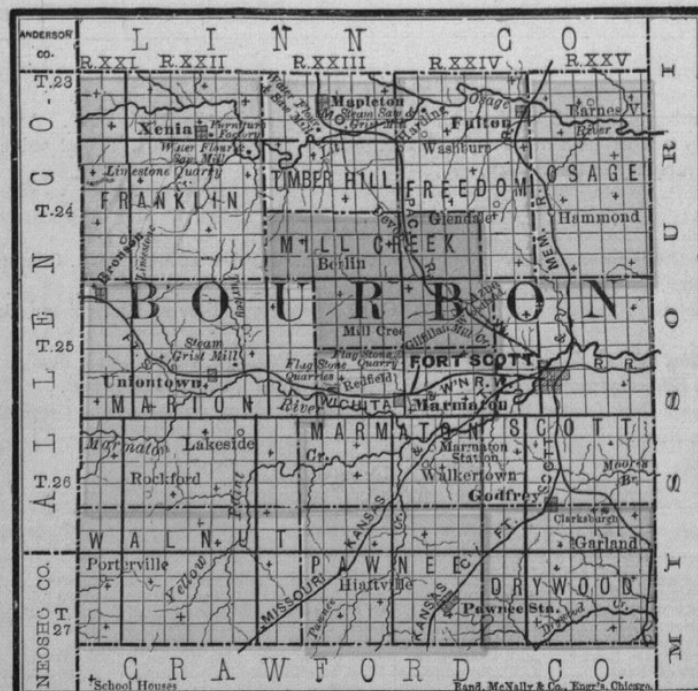
Albert,  
Bartondale,  
Claffin,  
Dundee,  
Ellinwood,  
GREAT BEND (C. H.),

Heizerton,  
Hoisington,  
Maherville,  
Millard,  
Odin,  
Olmitz,

Pawnee Rock,  
State Center,  
Verbeck,  
Webb.

### BOURBON COUNTY.

MAP OF BOURBON COUNTY, KANSAS, 1888.





## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BOURBON COUNTY.

35

The third county north from the southern line of the State, and a member of the eastern tier of counties bordering on the State of Missouri.

#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Person'l	City lots.	Railroad prop'ty.		
The county.....	27,254	32,024	\$2,137,226	\$1,175,100	\$1,508,574	\$872,354	\$5,693,254	\$219,200
School districts.....								20,460
Drywood township.....	1,447	1,416	\$141,891	\$ 37,460	\$ 7,380	\$ 97,157	\$283,888	
Franklin township.....	1,507	1,300	203,223	54,085	1,362		258,670	
Fulton city.....	499 1,444	488 1,391	154,802	67,160	27,840	44,602	294,404	
Freedom township.....	945 2,601	903 2,574	275,011	105,205	47,690	70,659	498,565	10,000
Marion township.....	1,378	1,216	191,300	46,410	5,880	117,425	361,015	
Marmaton township.....	1,157	905	185,725	29,985	2,583	33,396	251,689	8,000
Mill Creek township.....	1,301	1,265	157,825	77,330	1,300	72,338	378,793	
Osage township.....	1,117	1,070	125,884	33,760	11,175	69,441	270,360	
Pawnee township.....	2,451	2,803	443,900	123,915	16,449	205,021	789,285	10,000
Scott township.....	1,331	1,085	103,570	26,480	9,015	25,542	164,607	10,000
Timberhill township.....	1,603	940	154,435	41,690		28,674	224,459	
Walnut township.....	1,741	3,076						
Fort Scott city.....	1,850 10,620	2,915 16,159		531,600	1,378,000	73,075	1,987,673	263,000
city.....	4,062	6,102						
4th ward.....	2,967	4,066						
Total.....								\$540,660

#### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	1,422	21,330	\$ 13,864 50	751	13,518	\$ 11,760 00
Rye.....bu.	194	2,328	1,164 00	123	1,722	947 10
Spring wheat.....bu.						
Corn.....bu.	74,052	1,629,144	651,657 00	79,377	2,778,195	777,894 60
Barley.....bu.	19,151	574,530	143,632 50	16,084	689,462	151,681 64
Oats.....bu.	6	90	67 50	12	180	135 00
Buckwheat.....bu.	1,155	92,400	60,800 00	1,077	134,625	74,043 75
Irish potatoes.....bu.	44	4,400	3,300 00	53	9,275	9 275 00
Sweet potatoes.....bu.	559		32,425 00	1,056		39,972 00
Sorghum.....bu.	1,341	18,774	16,896 60	463	6,945	6,945 00
Castor beans.....bu.						
Cotton.....lbs.	4,770	47,700	40,545 00	5,129	56,419	50,777 10
Flax.....bu.						
Hemp.....lbs.	3	1,800	180 00	6	3,600	360 00
Tobacco.....lbs.	247	148,300	5,187 00	39	31,200	1,092 00
Broom corn.....lbs.	7,485	14,970	44,910 00	8,407	16,814	67,256 00
Millet and Hungarian.....tons	10,503			10,587		
Timothy.....tons	3,366			2,190		
Clover.....tons	389	*13,528	81,168 00	400	+ 9,219	55,314 00
Orchard grass.....tons	405			628		
Blue grass.....tons	1,418			1,441		
Other tame grasses.....tons	53,705	32,193	128,772 00	46,026	33,576	839,40 00
Prairie, under fence.....tons						
Total.....	180,215		\$1,233,060 70	173,859		\$1,831,393 85

\* Product of 1886. + Product of 1887.

Wheat on hand—March 1, 1887, 3,196 bushels; March 1, 1888, 2,142 bushels.  
Corn on hand—March 1, 1887, 233,833 bushels; March 1, 1888, 164,418 bushels.

## Transactions of the Kansas State Board of Agriculture, 1887-88

36

### KANSAS STATE BOARD OF AGRICULTURE.

It has a population of 32,024, and ranks as the sixth county in point of population, and has an area of 637 square miles. There are to each square mile 50.27 persons. The city of Fort Scott is the county seat, having a population of 16,159, and ranks as the sixth city in the State. It is situated in the east central portion of the county and is the centre of a large railroad system. It is an important trading and manufacturing point and commands an extensive trade for many miles south and west.

There are numerous streams and springs in all portions of the county. The Little Osage and Marmaton rivers are the principal streams.

#### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	9,789	\$881,010 00	9,990	\$899,100 00	205	167
Mules and asses.....	1,411	141,100 00	1,338	133,800 00	16	21
Milch cows.....	10,712	214,240 00	10,730	214,600 00	200	200
Other cattle.....	18,480	369,600 00	20,251	405,020 00	1,001	465
Sheep.....	664	1,328 00	642	1,284 00	7	18
Swine.....	23,129	161,903 00	17,530	140,240 00	1,487	768
Total.....	64,185	\$1,769,181 00	60,481	\$1,794,044 00	2,916	1,639

Herd law, not in force.

\* Including the number of head killed by dogs.

Number of dogs in county, March 1, 1887, 2,449.

Number of dogs in county, March 1, 1888, 2,449.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops..... acres	180,215	\$1,233,069 70	173,859	\$1,331,393 85
Animals slaughtered and sold for slaughter.....		425,839 00		394,762 00
Value of the increase in live stock.....		8,839 00		1,734 00
Wool clip..... lbs.	803	144 54	1,295	233 10
Butter..... lbs.	431,393	64,708 95	394,157	59,123 55
Cheese..... lbs.			145	17 40
Honey and bees-wax..... lbs.	20,370	4,077 30	5,411	1,082 20
Milk sold.....		21,504 00		22,865 00
Horticultural products marketed.....		21,430 00		23,906 00
Wine manufactured..... gals.	894	894 00	227	227 00
Garden products marketed.....		13,874 00		19,177 00
Poultry and eggs sold.....		23,843 00		25,353 00
Wood marketed.....		1,688 00		2,189 00
Total.....		\$1,819,851 49		\$1,881,963 10

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Assess- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	11	8	25	81	34	21	37	79	35
1888.....	6	10	34	84	40	24	31	79	32



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BOURBON COUNTY.

37

#### HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries.....	81	76
Apple.....	106,792	158,469	Blackberries.....	94	86
Pear.....	4,282	4,190	Strawberries.....	58	48
Peach.....	21,582	18,591	Total.....	233	210
Plum.....	5,445	5,544			
Cherry.....	27,792	24,184			
Total.....	225,893	210,978			
			ARTIFICIAL FOREST.	1887.	1888.
<i>Number not in bearing.</i>			<i>Acres of trees one year old and over.</i>		
Apple.....	112,637	99,176	Walnut.....	29	16
Pear.....	4,145	3,101	Maple.....	48	27
Peach.....	12,293	10,401	Honey locust.....	2	4
Plum.....	8,157	7,232	Cottonwood.....	2	57
Cherry.....	8,501	5,955	Other varieties.....		
Total.....	145,733	125,865	Total.....	83	104
			Acres in nurseries.....	201	354
			Acres in vineyards.....	67	56

Timber belts average one-half mile in width, and contain all the principal native varieties found in Kansas.

The general surface of the county is gently undulating. Bottom-lands comprise about 30 per cent. of the county area, and average, on the rivers and larger creeks, one mile in width.

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of estab- lishments.....	Amount of cap- ital invested.....	Motive power.....	Average No. of hands employed.	Total amount paid in wages during the year.	Value of	
						Raw material used.	Product..
Baking powder works.....	1	25,000	Steam.	12	\$ 3,600	\$15,000	\$ 25,000
Book and job printing.....	1	50,000	"	50	30,000	25,000	75,000
Brick and tile works.....	1	50,000	Hand.	80	20,000	8,000	40,000
Butter and cheese factory.....	1	6,000	Steam.	8	6,000	6,000	20,000
Candy factory.....	1	5,000	"	10	6,000	7,000	15,000
Carriage works.....	2	46,000	Hand.	26	20,000	50,000	120,000
Cement and tiling.....	1	50,000	Steam.	65	19,500	18,300	60,000
Flagstone quarries.....	2	80,000	"	79	51,000	6,000	87,000
Flouring mills.....	2	54,000	"	16	9,040	65,000	108,000
Ffoundry and machine works.....	1	100,000	"	107	52,000	10,000	150,000
Furniture factory.....	1	30,000	"	35	25,000	30,000	100,000
Gas works.....	1	100,000	"	12	12,000	12,500	30,000
Glass factory.....	1	75,080	"	75	50,000	40,000	150,000
Harness manufacturers.....	2	49,000	Hand.	10	5,000	22,000	75,000
Hosiery mill.....	1	15,000	Steam.	16	1,600	8,400	12,000
Marble works.....	2	55,000	"	50	30,000	30,000	107,000
Planing mills.....	2	30,000	"	45	22,000	55,000	95,000
Potteries.....	2	13,000	"	23	9,300	17,600	150,000
Saw mill.....	1	60,000	"	40	20,000	60,000	60,000
Sugar works.....	1	100,000	"	95	17,000	20,000	60,000
Tailoring establishments.....	2	14,000	Hand.	17	13,000	14,000	45,000
Total.....	29	\$998,000		871	\$422,040	\$519,800	\$1,560,000

## Transactions of the Kansas State Board of Agriculture, 1887-88

38

### KANSAS STATE BOARD OF AGRICULTURE.

A good quality of limestone is found in all parts of the county. An excellent quality of sandstone adapted to paving is found in several localities, fine quarries having been opened at Redfield, Gilfillan, and west of Hiattville.

Mineral paint, cement, and fire-clay are abundant in the vicinity of Fort Scott, and are manufactured in the last-named city to a considerable extent.

Fire-clay, also, is found near to the towns of Fulton and Mapleton.

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
African Methodist Episcopal	1	202	1	\$ 2,000
Baptist	7	400	5	32,650
Christian	7	510	5	17,500
Church of God	2	55		
Congregational	3	172	1	22,000
Dunkard	1	60		1,500
Episcopal	1		1	19,000
Free Methodist	2	14	1	225
Methodist Episcopal	19	1,421	10	33,500
Presbyterian	6	276	4	35,000
Roman Catholic		630	3	
Unitarian	1	100		500
Universalist	1	30		
Total	51	3,960	31	\$163,875

#### PUBLIC SCHOOLS.

Number of organized districts, 108; school population for 1888, 10,132. Average monthly wages paid teachers: Males, \$46.12; females, \$37.33. Total value of school property in the county, \$144,986.

#### NEWSPAPERS.

*Fort Scott Monitor*, daily and weekly (Republican). John H. Rice, editor; W. M. Rice, associate editor; R. P. Rice, business manager, H. V. Rice, traveling solicitor, Fort Scott.

*Fort Scott Tribune*, daily and weekly (Democratic). J. B. Chapman, editor, Fort Scott.

*Fort Scott Globe* (Union-Labor). Burdett & Preston, publishers, Fort Scott.

*The Bronson Pilot* (Neutral). W. M. Holeman, proprietor, Bronson.

*The Fulton Independent* (Independent). A. W. Felter, editor and proprietor, Fulton.

*The Telephone* (Republican). G. J. McQuad, editor and proprietor, Mapleton.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Exchange Bank		J. W. Holeman	Bronson		
Bank of Fort Scott	C. F. Drake	Charles Nelson	Fort Scott		\$80,000
Citizens' National Bank	C. W. Goodlander	C. H. Osburn	Fort Scott	\$100,000	4,350
First National Bank	W. Chenault	J. Chenault	Fort Scott	100,000	60,000
State Bank of Fort Scott	Thornton Ware	J. R. Colean	Fort Scott	100,000	
Bank of Fulton	John Hall	F. S. Hall	Fulton	25,800	1,600



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BROWN COUNTY.

39

LIST of county officers for 1888, with post-office address of each.

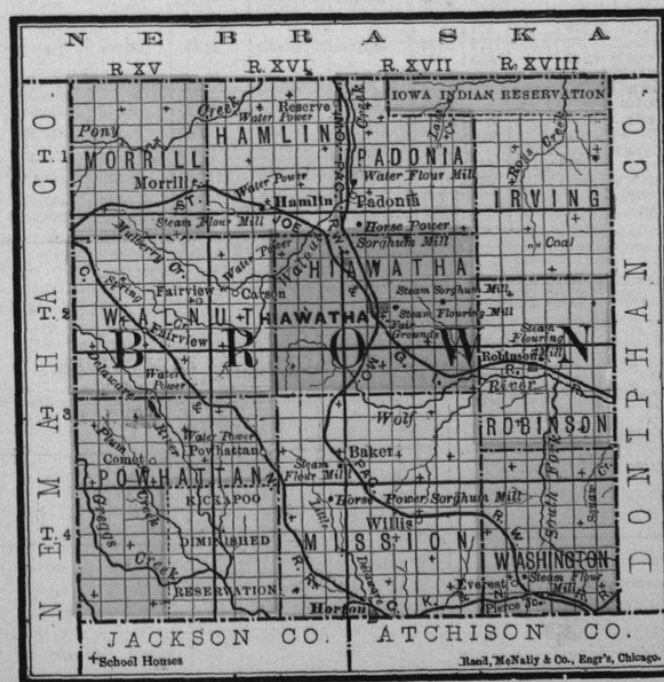
Officer.	Name.	Post-office address.
County Clerk.....	J. R. Smith.....	Fort Scott.
Treasurer.....	Z. A. Hornaday.....	Fort Scott.
Sheriff.....	S. Reese.....	Fort Scott.
Clerk District Court.....	J. B. Bayless.....	Fort Scott.
Probate Judge.....	B. J. Waters.....	Fort Scott.
Register of Deeds.....	O. Strait.....	Fort Scott.
Attorney.....	J. M. Humphrey.....	Fort Scott.
Superintendent of Schools.....	W. O. Jeffrey.....	Fort Scott.
Surveyor.....	Charles DuMoisy.....	Fort Scott.
Coroner.....	H. D. Baker.....	Fort Scott.
Commissioners.....	N. E. Kingsbury.....	Fort Scott.
	W. H. Green.....	Fulton.
	Jacob Brenner.....	Porterville.

### POST OFFICES.

Barnesville, Berlin, Bronson, Clarksburgh, Fort Scott (C. H.), Fulton, Garland, Giffillan,	Godfrey, Hammond, Hiatville, Harding, Lakeside, Mapleton, Marmaton, Mill Creek,	Pawnee Station, Porterville, Redfield, Rockford, Uniontown, Walkertown, Woodland, Xenia.
---	--	---

### BROWN COUNTY.

MAP OF BROWN COUNTY, KANSAS, 1888.



## Transactions of the Kansas State Board of Agriculture, 1887-88

40

### KANSAS STATE BOARD OF AGRICULTURE.

It was organized as a county under the Territorial Government in 1885; is situated in the northeastern part of the State, bordering on the Nebraska State line, and is the second county west of the Missouri river. It has an area of 576 square miles, and ranks as the twenty-ninth county in point of population. The number of people to the square mile is 32.38.

The city of Hiawatha, situated a little north of the center, is the county seat. It ranks as the forty-seventh city in the State, having a population of 2,246. The city of Horton, situated near the southern border, a little east of the center of the county, has a population of 3,191, ranking as the thirty-second city of the State. The towns of Everest, Robinson, Willis, and Barker are places of considerable local importance. The surface of the county is undulating, but a small proportion being bottom-land, and a very small per cent. rough or bluffy.

#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Personal.	City lots.	Railroad property.		
The county.....	16,046	18,651	\$2,489,928	\$1,293,698	\$597,307	\$708,535	\$5,089,468	\$91,500
School districts.....								43,050
Hamlin towns'p.	965	887	\$204,205	\$ 73,580	\$ 13,500	\$ 50,709	\$341,994	.....
Hiawatha tow'p	1,473	1,439	399,130	118,320	1,435	109,435	628,320	* 10,000
Irving township	1,025	1,029	192,015	77,655			269,670	.....
Willis city.....	213	174						.....
Baker city.....	170	172	403,525	164,080	22,145	208,596	798,346	10,000
Mission towns'p.	1,947	2,386						.....
Morrill towns'p.	1,002	1,075	196,315	91,655	13,380	50,733	352,083	.....
Padonia towns'p.	769	759	159,460	68,090	2,035	37,853	268,038	.....
Powhattan tw'p	1,300	1,379	236,920	94,655	8,125	41,175	375,875	.....
Robinson city..	320	331	210,740	77,965	17,000	46,672	352,437	.....
Walnut towns'p.	851	850						.....
Everest city....	422	467	282,363	111,405	3,122	57,484	454,374	18,000
Washington t'p.	895	925	205,255	100,610	17,130	88,528	411,523	10,000
Hiawatha city...	2,286	2,246		234,753	244,210	17,346	496,309	+ 50,000
Horton city.....	1,133	3,191		80,930	259,565		340,495	.....
Total .....								\$232,550

\* Hiawatha township and city.  
+ Water works.

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive power.....	Average No. of hands employed.....	Total amount paid in wages during the year.....	Value of	
						Raw material used.....	Product.....
Flouring mills.....	2	\$37,000	Steam & Water.	6	\$5,260	\$7,200	\$15,000
Harness manufactory.....	1	7,000	Hand.	3	1,200	6,000	14,000
Wagon factory.....	1	1,600	Steam.	4	400	800	2,190
Total .....	4	\$45,600		13	\$6,860	\$14,000	\$31,190



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BROWN COUNTY.

41

Creek bottoms average one-half mile in width. The south and east sides of creeks are generally bluff; the north and west sides nearly always a gentle slope.

The streams are all fringed with a growth of timber; the principal varieties found are burr-oak, black walnut, hickory, honey locust, hackberry, sycamore, white and red elm, box-elder, bass-wood, and black oak.

### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	17,073	307,314	\$199,754 10	16,957	390,011	\$ 253,507 15
Rye.....bu.	2,898	46,368	18,547 20	4,730	94,600	31,213 00
Spring wheat.....bu.	4,907	58,884	38,274 60	4,019	44,309	26,525 40
Corn.....bu.	104,285	2,607,125	912,403 75	114,318	5,487,264	1,865,069 73
Barley.....bu.	576	11,520	4,608 00	845	11,040	3,312 00
Oats.....bu.	21,961	1,098,050	241,571 00	27,188	1,386,588	318,915 24
Buckwheat.....bu.	10	150	112 50	5	75	56 25
Irish potatoes.....bu.	1,597	127,760	95,830 00	1,584	142,560	71,280 00
Sweet potatoes.....bu.	18	1,800	1,350 00	17	1,700	1,700 00
Sorghum.....bu.	73		1,810 00	81		1,160 00
Castor beans.....bu.						
Cotton.....lbs.				332	3,320	2,988 00
Flax.....bu.	1,151	13,812	11,740 20			
Hemp.....lbs.				1	600	60 00
Tobacco.....lbs.				30	18,000	630 00
Broom corn.....lbs.	36	21,600	756 00	2,825	5,650	28,250 00
Millet and Hungarian.....tons	2,517	5,034	25,170 00	46,008		
Timothy.....	37,069			1,926		
Clover.....	5,886			261		
Orchard grass.....tons	368	* 22,059	132,354 00	848	+23,096	138,576 00
Blue grass.....	1,447			912		
Other tame grasses.....	1,048			23,411	10,550	47,475 00
Prairie, under fence.....tons	24,351	11,051	44,204 00			
Total.....	228,071		\$1,728,565 35	245,708		\$2,791,322 80

\* Product of 1886. † Product of 1887.

Wheat on hand—March 1, 1887, 47,670 bushels; March 1, 1888, 38,137 bushels.  
Corn on hand—March 1, 1887, 1,210,795 bushels; March 1, 1888, 908,485 bushels.

### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	10,809	\$972,810 00	11,259	\$1,013,310 00	174	250
Mules and asses.....	1,344	134,400 00	1,507	150,700 00	17	6
Milch cows.....	12,250	245,000 00	13,045	260,900 00	98	129
Other cattle.....	23,777	475,540 00	26,036	520,720 00	208	258
Sheep.....	999	1,998 00	506	1,012 00	* 23	* 70
Swine.....	41,162	288,134 00	37,392	299,136 00	19,966	10,351
Total.....	90,341	\$2,117,882 00	89,745	\$2,245,778 00	20,486	11,083

\* Including the number of head killed by dogs.

Number of dogs in county, March 1, 1887, 1,940.

Number of dogs in county, March 1, 1888, 1,867.

Springs are numerous in all portions of the county, and well-water is found at an average depth of thirty feet. Limestone, suitable for building purposes, is abundant in all portions of the county; the best quarries are upon Walnut creek, four miles

## Transactions of the Kansas State Board of Agriculture, 1887-88

42

### KANSAS STATE BOARD OF AGRICULTURE.

northwest of the city of Hiawatha. A fair quality of sandstone is also found in the same vicinity. Coal is mined to a very limited extent in Robinson township, the veins being thin and unprofitable.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	228,071	\$1,728,565 35	245,798	\$2,791,322 80
Animals slaughtered and sold for slaughter.....		811,561 00		889,338 00
Value of the increase in live stock.....		170,807 00		86,734 00
Wool clip.....lbs.	1,775	319 50	2,275	409 50
Butter.....lbs.	478,095	71,714 25	475,533	66,574 62
Cheese.....lbs.	2,005	240 60	1,770	212 40
Honey and bees-wax.....lbs.	8,600	1,727 25	5,448	1,089 60
Milk sold.....		2,740 00		5,140 00
Horticultural products marketed.....		17,662 00		17,893 00
Wine manufactured.....gals.	6,824	6,824 00	6,492	6,492 00
Garden products marketed.....		8,036 00		12,633 00
Poultry and eggs sold.....		19,284 00		21,513 00
Wood marketed.....		4,420 00		2,682 00
Total.....		\$2,843,900 95		\$3,902,033 92

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Asses- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	41	15	4	21	16	17	18	70	8
1888.....	29	15	1	18	15	13	15	85	5

#### HORTICULTURE, ETC.

FRUIT TREES.		1887.	1888.	SMALL FRUITS—ACRES.		1887.	1888.
<i>Number of trees in bearing.</i>				Raspberries.....		72	74
Apple.....		167,853	161,684	Blackberries.....		40	32
Pear.....		1,107	878	Strawberries.....		20	16
Peach.....		71,097	56,927	Total.....		132	122
Plum.....		5,043	4,134	ARTIFICIAL FOREST.		1887.	1888.
Cherry.....		18,639	17,584	<i>Acres of trees one year old and over.</i>			
Total.....		263,739	241,207	Walnut.....		120	113
<i>Number not in bearing.</i>				Maple.....		261	238
Apple.....		66,936	62,232	Honey locust.....		22	57
Pear.....		1,500	1,323	Cottonwood.....		633	440
Peach.....		13,490	13,877	Other varieties.....		2,288	501
Plum.....		1,953	2,255	Total.....		3,324	1,349
Cherry.....		3,505	5,029	Acres in nurseries.....		32	460
Total.....		87,384	84,716	Acres in vineyards.....		114	106



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BROWN COUNTY.

43

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
African Methodist Episcopal.....	2	51	1	\$ 1,000
Baptist.....	11	636	6	17,000
Christian.....	6	465	4	6,000
Congregational.....	3	234	3	12,200
Dunkard.....	2	190	.....	3,500
Episcopal.....	2	12	.....	1,800
Methodist Episcopal.....	6	605	5	18,500
Presbyterian.....	3	279	3	19,000
Reformed Church.....	2	178	1	6,500
Roman Catholic.....	.....	510	3	.....
United Brethren.....	5	118	2	5,366
United Presbyterian.....	2	75	2	10,000
Wesleyan Methodist.....	1	55	1	2,400
Total.....	45	3,408	31	\$103,266

#### PUBLIC SCHOOLS.

Number of organized districts, 85; school population for 1888, 6,619. Average monthly wages paid teachers: Males, \$49.61; females, \$41.06. Total value of school property in the county, \$100,000.

#### NEWSPAPERS.

*Brown County World* (Republican). D. W. Wilder, editor; Ewing Herbert, associate editor and manager, Hiawatha.

*The Kansas Democrat* (Democratic). George T. Williams, editor and publisher Hiawatha.

*Horton Headlight* (Republican). Harley W. Brundige and Samuel E. Bear, editors and publishers, Horton.

*Horton Gazette* (Republican). Charles C. Bartruff, editor, publisher, and proprietor, Horton.

*Horton Commercial* (Democratic). Clyde McManigal, editor; J. S. Sherdeman and Clyde McManigal, publishers, Horton.

*The Horton Railway Register* (Republican). C. N. Whitaker, managing editor; Harry Whitaker, city editor, Horton.

*The Everest Enterprise* (Independent). T. A. H. Lowe, editor and business manager; T. A. H. Lowe and J. B. Green, publishers, Everest.

*Fairview Enterprise* (Independent). S. O. Groesbeck, editor, Fairview.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
First National Bank.....	M. S. Smalley.....	Charles P. Waste.	Hiawatha ..	\$110,000	\$12,000
Morrill & Janes' Bank ...	E. N. Morrill.....	C. D. Lamme.....	Hiawatha ..	100,000	20,000
Schilling & Aten .....	.....	.....	Hiawatha ..	8,000	.....
Bank of Horton.....	J. W. Parker.....	F. D. Krebs.....	Horton.....	.....	.....
First National Bank.....	Scott Hopkins.....	F. M. Wilson.....	Horton.....	50,000	.....
Farmers' Bank of Morrill.	Charles H. Janes.	S. W. Moore.....	Morrill .....	25,000	2,000
J. D. Harpster.....	.....	.....	Willis.....	.....	.....



## Transactions of the Kansas State Board of Agriculture, 1887-88

44

### KANSAS STATE BOARD OF AGRICULTURE.

List of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	N. E. Chapman.....	Hiawatha.
Treasurer.....	O. C. Hill.....	Hiawatha.
Sheriff.....	J. F. Cashman.....	Hiawatha.
Clerk District Court.....	M. L. Gulich.....	Hiawatha.
Probate Judge.....	T. B. Dickason.....	Hiawatha.
Register of Deeds.....	M. G. Ham.....	Hiawatha.
Attorney.....	Ira J. Lacock.....	Hiawatha.
Superintendent of Schools.....	P. R. Harman.....	Hiawatha.
Surveyor.....	T. J. Marrior.....	Morrill.
Coroner.....	J. L. Lemaster.....	Robinson.
Commissioners.....	J. P. Freeland.....	Robinson.
	S. C. Belden.....	Horton.
	Elias Berkley.....	Hamlin.

### POST OFFICES.

Baker, Carson, Cleo, Comet, Everest, Fairview,	Hamlin, Hiawatha (C. H.), Horton, Morrill, Padonia, Pierce Junction,	Powhattan, Reserve, Robinson, Willis.
---	---	--

### BUTLER COUNTY.

It lies in the south central part of the State, in the second tier of counties from the Indian Territory on the south. It was organized in 1855; has an area of 1,428 square miles, and is one of the largest counties in the State; its territory being larger than that of the State of Rhode Island. It has to each square mile 18.50 people, and ranks as the twelfth county in population. The city of El Dorado, situated a little north of the center, is the county seat. It has a population of 5,241, and ranks as the eighteenth city in the State in size. The cities of Augusta and Douglass, lying in the southwestern portion, are places of much importance. The towns of Leon, Latham, Brainerd, and Towanda are also flourishing places.

The surface of the western part of the county is principally bottom-land and gently rolling prairies, while the eastern portion is in many places broken and rough.

River and creek bottoms, in the aggregate, make 15 per cent. of the total area, and average from one to two miles in width.

Timber belts average along the streams from one-fourth to three-fourths of a mile in width. In these belts are found the following varieties: Oak, walnut, hickory, mulberry, sycamore, elm, and hackberry. Of the several streams in the county, the Walnut river is the principal.

Magnesian limestone is abundant in all parts; extensive quarries have been developed, and large quantities of this stone are shipped from El Dorado, Augusta, Douglass, Towanda, and Potwin. Small quantities of gypsum are found in the western townships.

Salt water has been discovered at the city of El Dorado, at a depth of 750 feet; also, at the town of Potwin, about twelve miles northwest, at a depth of 800 feet.

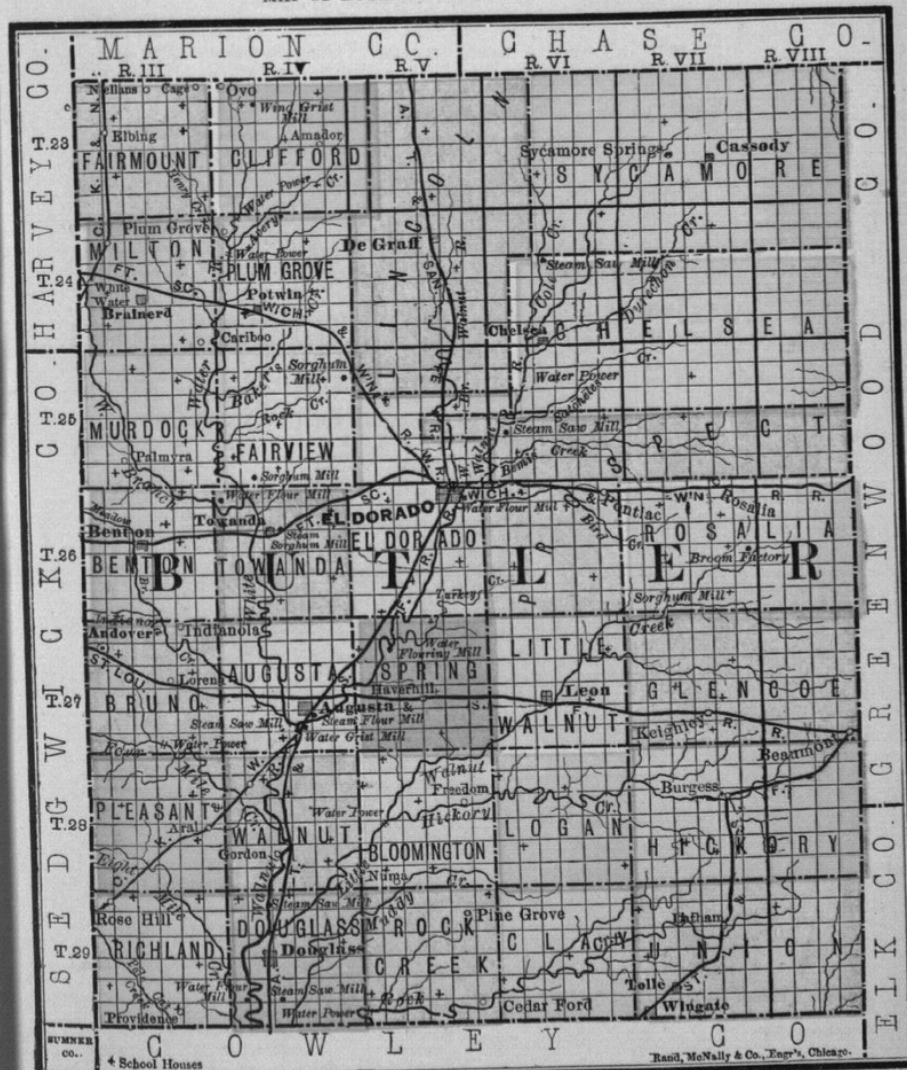


## Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—BUTLER COUNTY.

45

MAP OF BUTLER COUNTY, KANSAS, 1888.





## Transactions of the Kansas State Board of Agriculture, 1887-88

46

### KANSAS STATE BOARD OF AGRICULTURE.

#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Personal.	City lots.	Railroad property.		
The county.....	28,980	26,400	\$2,839,732	\$961,082	\$653,810	\$1,018,017	\$5,472,641	.....
School districts.....								\$95,475
Augusta city.....	1,773	1,730	108,329	86,855	100,261	87,765	283,210	23,000
Bentonia town p	799	630	102,422	18,669	10,876	35,236	167,203	11,000
Bloomington t p	943	908	544	70,935	14,385	.....	85,320	.....
Bruno township	566	544	97,538	19,715	5,365	44,087	166,705	18,000
Chelsea town p	719	691	140,182	24,599	359	.....	165,140	.....
Clay township..	629	520	49,612	10,325	.....	.....	59,937	.....
Clifford town p	422	393	97,809	24,795	.....	.....	122,604	.....
Douglass city..	1,637	906	116,745	51,107	56,896	40,745	265,493	21,500
Douglass town p	696	654	166,789	14,237	273	106,685	287,964	75,000
El Dorado tow p	814	676	92,303	23,068	975	35,474	151,730	.....
Fairmount t w p	608	589	82,582	17,984	.....	9,787	110,303	.....
Fairview town p	407	373	62,295	22,528	5,131	73,482	163,436	.....
Glencoe town p	987	937	68,966	9,877	2,640	48,111	126,984	15,000
Hickory town p	576	483	180,060	28,105	.....	82,836	293,641	.....
Lincoln town p	339	410	79,628	27,429	30,418	42,572	180,047	17,000
Leon city.....	886	749	54,865	14,523	.....	.....	69,388	.....
Little Walnut t p	556	1,442	84,870	50,966	14,837	46,283	196,956	20,000
Logan township	421	414	92,781	39,169	.....	.....	131,950	.....
Milton township	762	825	97,223	26,669	.....	31,046	154,938	.....
Murdock town p	593	466	78,647	22,711	8,608	25,306	135,362	20,000
Pleasant town p	751	684	165,776	32,080	580	40,486	238,922	23,000
Plum Grove to p	540	563	103,106	17,342	334	9,214	129,996	.....
Prospect town p	969	896	76,411	18,908	.....	.....	95,319	.....
Richland town p	684	721	82,402	7,462	1,665	59,512	151,041	10,000
Rock Creek t p..	457	457	79,824	16,635	.....	53,543	150,002	18,000
Rosalie town p	587	762	159,280	29,555	2,588	.....	191,423	.....
Spring township	741	512	81,999	21,245	7,620	37,234	148,098	13,500
Sycamore tow p	542	.....	.....	.....	.....	.....	.....	.....
Towanda city...	171	833	.....	.....	.....	.....	.....	.....
Towanda tow p	759	662	.....	.....	.....	.....	.....	.....
Latham city....	339	358	63,698	18,602	10,785	38,694	131,779	15,000
Union township.	793	697	102,725	17,607	.....	52,068	172,400	10,000
Walnut town p	714	657	.....	.....	.....	.....	.....	.....
El Dorado city..	5,733	5,341	233,980	393,599	17,771	.....	645,350	7,500
Total.....								\$412,975

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive power.....	Average No. of hands employed.	Total amount paid in wages during the year.	Value of	
						Raw material used.....	Product.....
Brick yard.....	1	\$ 3,000	Hand.	5	\$ 1,960	\$ 900	\$ 3,930
Flouring mills.....	4	70,000	Steam & water.	13	4,800	46,357	54,088
Sorghum mills.....	2	1,700	Steam & hand.	14	950	1,650	3,500
Sugar works.....	1	65,000	Steam.	40	* 12,000	6,000	13,000
Total.....	8	\$139,700	.....	72	\$19,710	\$54,907	\$74,518

\* Including cost of constructing works.



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BUTLER COUNTY.

47

#### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	2,520	37,240	\$ 18,144 00	3,382	64,258	\$ 50,121 24
Rye.....bu.	553	7,742	3,096 80	204	3,576	2,441 88
Spring wheat.....bu.	16	192	115 20			
Corn.....bu.	143,593	2,871,860	861,558 00	152,091	3,041,820	821,291 40
Barley.....bu.				24,730	741,900	170,637 00
Oats.....bu.	34,877	607,540	174,385 00			
Buckwheat.....bu.	48	720	540 00	138	2,070	1,552 50
Irish potatoes.....bu.	2,318	185,440	139,080 00	1,785	62,475	43,732 50
Sweet potatoes.....bu.	109	10,900	10,900 00	151	14,043	14,043 00
Sorghum.....bu.	1,658		56,300 00	4,959		135,052 50
Castor beans.....bu.	218	2,180	1,962 00	9	90	90 00
Cotton.....lbs.				269	80,700	6,456 00
Flax.....bu.	506	5,060	4,301 00	1,280	10,240	9,216 00
Hemp.....lbs.				2	1,200	120 00
Tobacco.....lbs.	2	1,200	130 00	766	459,600	16,086 00
Broom corn.....lbs.	771	462,600	16,191 00	15,153	30,306	90,918 00
Millet and Hungarian.....tons	10,917	21,834	76,419 00	1,934		
Timothy.....tons	3,647			558		
Clover.....tons	1,230			68	† 6,596	39,576 00
Orchard grass.....tons	403	* 2,811	16,866 00	466		
Blue grass.....tons	1,428			1,316		
Other tame grasses.....tons	549			111,404	65,564	196,692 00
Prairie, under fence.....tons	94,579	81,330	243,990 00			
Total.....	290,942		\$1,624,028 00	320,565		\$1,598,026 02

\* Product of 1886. † Product of 1887.

Wheat on hand—March 1, 1887, 11,933 bushels; March 1, 1888, 1,323 bushels.  
Corn on hand—March 1, 1887, 410,719 bushels; March 1, 1888, 310,369 bushels.

#### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	14,068	\$1,366,130 00	14,962	\$1,346,580 00	353	220
Mules and asses.....	1,649	164,900 00	1,761	176,100 00	47	33
Milch cows.....	14,817	296,340 00	14,983	299,660 00	531	286
Other cattle.....	42,726	854,520 00	37,447	748,940 00	3,415	552
Sheep.....	48,546	97,092 00	46,791	93,582 00	* 1,930	* 1,363
Swine.....	39,595	277,165 00	30,636	245,008 00	6,339	3,286
Total.....	161,401	\$2,956,137 00	146,570	\$2,909,870 00	12,615	5,740

\* Including the number of head killed by dogs.  
Number of dogs in county, March 1, 1887, 2,963.  
Number of dogs in county, March 1, 1888, 2,726.

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Assess- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	7	9	5	57	2	4	1	1	12
1888.....	12	11	14	55	4	3	2	1	12

## Transactions of the Kansas State Board of Agriculture, 1887-88

48

### KANSAS STATE BOARD OF AGRICULTURE.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	299,942	\$1,624,028 00	320,565	\$1,598,026 02
Animals slaughtered and sold for slaughter		616,698 00		759,677 00
Value of the increase in live stock.....		310,968 00		
Wool clip.....lbs.	369,833	65,489 94	237,298	42,713 64
Butter.....lbs.	582,082	87,312 30	628,099	94,214 85
Cheese.....lbs.	24,429	2,931 48	15,835	1,900 20
Honey and bees-wax.....lbs.	1,600	325 65	600	120 00
Milk sold.....		22,406 00		5,442 00
Horticultural products marketed.....		11,729 00		6,336 00
Wine manufactured.....gals.	1,193	1,193 00	259	259 00
Garden products marketed.....		19,322 00		19,211 00
Poultry and eggs sold.....		43,577 00		48,357 00
Wood marketed.....		2,681 00		6 096 00
Total.....		\$2,808,661 37		\$2,582,292 71

#### HORTICULTURE, ETC.

FRUIT TREES.			SMALL FRUITS—ACRES.		
	1887.	1888.		1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries.....	44	73
Apple.....	85,616	95,556	Blackberries.....	128	111
Pear.....	3,453	2,560	Strawberries.....	41	38
Peach.....	300,114	220,906	Total.....	213	222
Plum.....	22,719	23,369			
Cherry.....	41,682	36,956	ARTIFICIAL FOREST.		
Total.....	453,584	379,377		1887.	1888.
<i>Number not in bearing.</i>			<i>Acres of trees one year old and over.</i>		
Apple.....	190,183	169,580	Walnut.....	126	103
Pear.....	7,488	6,472	Maple.....	94	87
Peach.....	114,489	78,792	Honey locust.....	78	36
Plum.....	12,997	14,415	Cottonwood.....	789	664
Cherry.....	22,920	17,106	Other varieties.....	888	278
Total.....	348,077	286,365	Total.....	1,975	1,168
			Acres in nurseries.....	33	319
			Acres in vineyards.....	155	315

#### PUBLIC SCHOOLS.

Number of organized districts, 160; school population for 1898, 9,315. Average monthly wages paid teachers: Males, \$44.75; females, \$40.92. Total value of school property in the county, \$167,800.

#### NEWSPAPERS.

The *Augusta Journal* (Republican). W. J. Speer, editor, publisher, and proprietor, Augusta.

*Walnut Valley Times*, daily and weekly (Republican). Alvah Shelde, editor, publisher, and proprietor, El Dorado.

*El Dorado Republican* (Republican). T. B. Murdock, editor and proprietor, El Dorado.



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—BUTLER COUNTY.

49

*Butler County Jeffersonian* (Democratic). J. B. Crouch, editor and proprietor, El Dorado.  
*Douglass Tribune* (Republican). J. M. Satterthwaite, editor, publisher, and proprietor, Douglass.  
*The Leon Indicator* (Republican). C. R. Noe, editor and publisher, Leon.  
*The Herald* (Independent). E. Davis, Jr., editor, publisher, and proprietor, Towanda.  
*Latham Signal* (Republican). Tom C. Copeland, editor, publisher, and proprietor, Latham.  
*The Brainerd Ensign* (Republican). R. P. Morrison, editor, publisher, and proprietor, Brainerd.  
*Potwin Messenger* (Neutral). J. M. Worley, publisher, Potwin.

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
Baptist .....	10	675	5	\$11,925
Christian .....	6	375	2	5,500
Congregational .....	1	56	1	4,500
Dunkard .....	1	25	.....	1,500
Friends .....	2	260	2	2,400
Methodist Episcopal .....	8	1,144	8	27,000
Presbyterian .....	4	224	2	7,500
Roman Catholic .....	.....	142	1	.....
Total .....	32	2,901	21	\$60,325

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Bank of Augusta .....	Joseph Williams.	G. C. Cary .....	Augusta .....	\$ 50,000	\$ 2,000
Farmers' State Bank .....	E. R. Grant .....	F. L. Ayres .....	Augusta .....	200,000	.....
Brown Bros. ....	.....	W. E. Brown .....	Augusta .....	20,000	5,000
Whitewater Bank .....	A. H. McLain .....	Horace McLain .....	Brainerd .....	20,000	.....
Douglass State Bank .....	L. E. Wright .....	H. T. Brown .....	Douglass .....	55,000	55,000
W. P. Knote .....	.....	.....	Douglass .....	.....	.....
Bank of El Dorado .....	Clancy & Son .....	.....	El Dorado .....	100,000	1,000
Exchange National Bank .....	A. L. Redden .....	H. H. Gardner .....	El Dorado .....	100,000	67,228
Merchants' National Bank .....	A. W. Ellet .....	N. F. Frazier .....	El Dorado .....	75,000	25,000
Nat. Bank of El Dorado .....	John Foutch .....	F. P. Gillespie .....	El Dorado .....	10,000	.....
Bank of Latham .....	J. M. Lambert .....	.....	Latham .....	12,000	6,000
Citizens' Bank .....	George Sherar .....	.....	Latham .....	10,000	2,000
Leon Exchange Bank .....	.....	G. A. Kenoyer .....	Leon .....	.....	.....

#### POST OFFICES.

Amador,	Douglass,	Numa,
Andover,	Elbing,	Palmvra,
Aral,	El Dorado (C. H.),	Pine Grove,
Augusta,	Freedom,	Plum Grove,
Beaumont,	Gordon,	Pontiac,
Benton,	Haverhill,	Potwin,
Brainerd,	Indianola,	Providence,
Cage,	Keighley,	Rosalia,
Cariboo,	Latham,	Rose Hill,
Cedar Ford,	Leon,	Sycamore Springs,
Chelsea,	Lorena,	Towanda,
DeGraff,	Murdock,	White Water,
Durachen,	Nellans,	Winegate.

## Transactions of the Kansas State Board of Agriculture, 1887-88

50

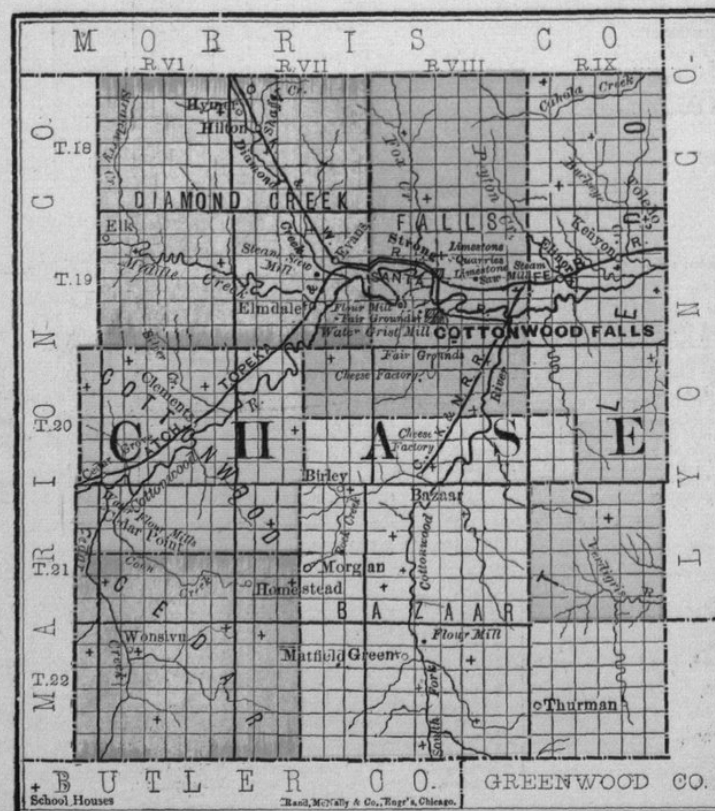
### KANSAS STATE BOARD OF AGRICULTURE.

List of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	T. O. Castle.....	El Dorado.
Treasurer.....	J. D. Conner.....	El Dorado.
Sheriff.....	Charles Schram.....	El Dorado.
Clerk District Court.....	W. H. Curry.....	El Dorado.
Probate Judge.....	W. E. Kilgore.....	El Dorado.
Register of Deeds.....	Daniel Boyden.....	El Dorado.
Attorney.....	E. H. Hutchies.....	El Dorado.
Superintendent of Schools.....	Austin Brumback.....	El Dorado.
Surveyor.....	F. S. Bowen.....	El Dorado.
Coroner.....	J. W. Long.....	El Dorado.
Commissioners.....	J. K. Skinner.....	El Dorado.
	August Kuster.....	El Dorado.
Auditor.....	A. O. Rathbun.....	El Dorado.
	J. M. Satterthwaite.....	Douglass.

### CHASE COUNTY.

MAP OF CHASE COUNTY, KANSAS, 1888.





## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—CHASE COUNTY.

51

It was organized in 1859, under the Territorial Government. Lies a little east and south of the center of the State, has an area of 750 square miles; ranks as the sixty-ninth county in point of population in the State. The city of Cottonwood Falls, north and east of the center, with a population of 884, is the county seat. Strong City, across

### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Person'l	City lots.	Railro'd prop'ty.		
The county.....	8,587	7,751	\$1,545,986	\$600,036	\$156,081	\$539,549	\$2,841,652	\$15,000
School districts.....								21,530
Bazaar township...	1,402	1,101	\$344,378	\$ 85,964	\$ 7,982	\$ 41,829	\$480,153	
Cedar township.....		737	177,470	52,237	510		230,217	
Cottonwood town p.	1,730	917	174,695	72,313	9,216	116,742	372,966	1,000
Diamond Creek t'p.	1,147	1,215	293,392	113,394	10,272	117,384	534,442	
Cottonw'd Falls city	936	884	262,162	214,142	122,428	192,405	791,137	
Strong City.....	1,116	1,047	293,889	61,986	5,673	71,188	432,736	
Falls township.....	3,319	893						
Toledo township.....	1,207	937						
Total.....								\$37,530

### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	98	980	\$ 588 00	157	3,140	\$ 2,355 00
Rye.....bu.	298	3,576	1,430 40	239	4,541	2 270 50
Spring wheat.....bu.	38	380	228 00			
Corn.....bu.	24,682	493,640	197,456 00	51,448	1,286,300	360,136 00
Barley.....bu.						
Oats.....bu.	8,566	171,320	42,890 00	5,745	103,410	25,852 50
Buckwheat.....bu.	4	60	45 00	18	180	135 00
Irish potatoes.....bu.	878	70,240	52,680 00	759	15,180	13,662 00
Sweet potatoes.....bu.	28	2,800	2,800 00	27	1,350	1,350 00
Sorghum.....bu.	310		7,750 00	211		5,584 00
Castor beans.....bu.						
Cotton.....lbs.	1	250	20 00			
Flax.....bu.	149	1,490	1,206 50	149	1,192	1,072 80
Hemp.....lbs.						
Tobacco.....lbs.	4	2,400	84 00	67	33,500	1,172 50
Broom corn.....lbs.				3,386	6,772	27,088 00
Millet and Hungarian.....tons	3,539	7,078	24,773 00	94		
Timothy.....tons	170			509		
Clover.....tons	976			46		
Orchard grass.....tons	108	* 3,150	15,750 00	212	+ 3,115	18,690 00
Blue grass.....tons	235			630		
Other tame grasses.....tons	86					
Prairie, under fence.....tons	137,908	33,911	101,733 00	122,073	32,733	98,199 00
Total.....	178,078		\$449,433 90	185,770		\$557,567 30

\* Product of 1886. + Product of 1887.  
Wheat on hand—March 1, 1887, 4,319 bushels; March 1, 1888, 470 bushels.  
Corn on hand—March 1, 1887, 125,377 bushels; March 1, 1888, 112,510 bushels.

## Transactions of the Kansas State Board of Agriculture, 1887-88

52

### KANSAS STATE BOARD OF AGRICULTURE.

the Cottonwood river, north from Cottonwood Falls, with a population of 1,047, is a growing and thriving town. The general surface of the north and central parts of the county show gently rolling slopes, terminating in a few places along the streams in abrupt bluffs. The southern portion is broken and hilly. River bottoms average two and one-half miles in width, and those on the creeks three-fourths of a mile. The bottom-lands comprise about 12 per cent. of the total area.

Timber belts average three-eighths of a mile in width, and contain the following varieties: Walnut, burr-oak, cottonwood, sycamore, ash, red and white elm, hackberry, box-elder, red-bud, buckeye, and red cedar on a few of the streams.

#### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	5,160	\$464,400 00	5,501	\$495,090 00	52	67
Mules and asses.....	343	34,300 00	357	35,700 00	6	8
Milch cows.....	1,492	29,840 00	2,350	47,000 00	43	54
Other cattle.....	29,951	599,020 00	30,669	613,380 00	357	280
Sheep.....	1,880	3,772 00	3,058	6,116 00	* 19	* 80
Swine.....	11,577	81,039 00	11,054	88,432 00	364	806
Total.....	50,409	\$1,212,371 00	52,989	\$1,235,718 00	841	1,295

Herd law, not in force.

\* Including the number of head killed by dogs.

Number of dogs in county, March 1, 1887, 1,033.

Number of dogs in county, March 1, 1888, 1,023.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	178,078	\$449,433 90	185,770	\$557,567 39
Animals slaughtered and sold for slaughter.....		484,746 00		339,146 00
Value of the increase in live stock.....		100,767 00		61,770 00
Wool clip.....lbs.	21,053	3,789 54	19,015	3,422 70
Butter.....lbs.	136,782	20,517 30	143,443	18,647 59
Cheese.....lbs.	2,180	261 60		
Honey and bees-wax.....lbs.	217	43 40	158	31 60
Milk sold.....		872 00		117 00
Horticultural products marketed.....		1,778 00		1,977 00
Wine manufactured.....gals.	431	431 00	348	348 00
Garden products marketed.....		6,480 00		7,530 00
Poultry and eggs sold.....		6,540 00		7,156 00
Wood marketed.....		1,153 00		944 00
Total.....		\$1,076,812 74		\$998,657 19

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Asses- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	71	58	57	84	68	63	27	55	65
1888.....	69	57	64	101	67	62	26	32	58



## Transactions of the Kansas State Board of Agriculture, 1887-88

### SIXTH BIENNIAL REPORT—CHASE COUNTY.

53

Springs are found in all sections.

The Cottonwood river, entering the western border three miles south of the center, and flowing in a northeasterly direction across the county, is the principal stream.

A fine quality of limestone is found in large quantities in all portions of the county, and along the line of the Atchison, Topeka & Santa Fé Railroad large quarries are in operation, furnishing building stone to many sections of the State. The west wing of the State House at Topeka is built of this stone, and the central building, now in process of erection, is being constructed of it.

Clay of good quality is found along the Cottonwood river, from which brick is being manufactured at Cottonwood Falls.

#### HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries .....	11	6
Apple .....	22,177	20,688	Blackberries .....	20	5
Pear .....	538	635	Strawberries .....	10	2
Peach .....	16,302	16,305	Total .....	41	13
Plum .....	1,333	1,291			
Cherry .....	6,869	5,071			
Total .....	47,219	43,940			
			ARTIFICIAL FOREST.	1887.	1888.
<i>Number not in bearing.</i>			<i>Acres of trees one year old and over.</i>		
Apple .....	51,258	48,874	Walnut .....	42	30
Pear .....	2,721	1,847	Maple .....	10	5
Peach .....	14,217	16,481	Honey locust .....	3	4
Plum .....	2,541	2,022	Cottonwood .....	63	74
Cherry .....	6,511	6,961	Other varieties .....	87	153
Total .....	77,248	76,185	Total .....	205	266
			Acres in nurseries .....	234	6
			Acres in vineyards .....	46	30

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive power.....	Average No. of hands employed	Total amount paid in wages during the year.	Value of	
						Rate material used .....	Product.....
Flouring mill .....	1	\$15,000	Water.	2	\$32,000	\$8,000	\$50,000
Stone saw mill .....	1	30,000	Steam.	60	\$32,000	\$8,000	\$50,000
Total .....	2	\$45,000		62	\$32,000	\$8,000	\$50,000

#### PUBLIC SCHOOLS.

Number of organized districts, 60; school population for 1888, 3,518. Average monthly wages paid teachers: Males, \$46.17; females, \$37.71. Total value of school property in the county, \$58,600.



## Transactions of the Kansas State Board of Agriculture, 1887-88

54

### KANSAS STATE BOARD OF AGRICULTURE.

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named; also, statistics relating to denominational schools and colleges, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
Baptist.....	2	64	1	\$ 2,100
Congregational.....	3	118	2	6,000
Free Methodist.....	1	27	.....	.....
Friends.....	2	230	2	2,300
Lutheran.....	1	100	1	3,000
Methodist Episcopal.....	7	510	2	30,000
Presbyterian.....	3	85	1	5,000
Roman Catholic.....	.....	250	1	.....
United Presbyterian.....	1	18	1	1,000
Total .....	20	1,402	11	\$53,400

#### DENOMINATIONAL SCHOOLS.

NAME OF ORGANIZATION.	Average yearly attendance.	Average monthly salaries paid teachers.	No. of school buildings.	Value of buildings and other school property.
Parochial school (Catholic) .....	26	.....	1	.....

#### NEWSPAPERS.

*Chase County Courant* (Democratic). W. E. Timmons, editor, publisher, and proprietor, Cottonwood Falls.

*Chase County Leader* (Republican). William A. Morgan, editor and publisher, Cottonwood Falls.

*Chase County Republican* (Republican). W. Y. Morgan, editor and proprietor, Strong City.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Chase County Nat. Bank...	A. S. Howard.	W. W. Sanders.	Cottonwood Falls.	\$50,000	\$11,730
State Exchange Bank .....	J. M. Tuttle...	O. L. Hulbert...	Cottonwood Falls.	50,000	.....
Strong City Bank.....	S. F. Jones	Wit Adare.....	Strong City.....	50,000	10,000

List of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	J. S. Stanley.....	Cottonwood Falls.
Treasurer.....	A. M. Breese.....	Cottonwood Falls.
Sheriff .....	E. A. Kinne.....	Cottonwood Falls.
Clerk District Court.....	E. W. Ellis.....	Cottonwood Falls.
Probate Judge.....	C. C. Whitson.....	Cottonwood Falls.
Register of Deeds.....	George W. Crum.....	Cottonwood Falls.
Attorney.....	John Madden.....	Cottonwood Falls.
Superintendent of Schools.....	J. C. Davis.....	Cottonwood Falls.
Surveyor.....	John Frew.....	Cottonwood Falls.
Coroner.....	C. L. Conaway.....	Kenyon.
Commissioners .....	C. S. Ford.....	Plumb, Lyon Co.
	J. M. Tuttle.....	Cottonwood Falls.
	Wm. Harris.....	Elmdale.



## Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—CHAUTAUQUA COUNTY. 55

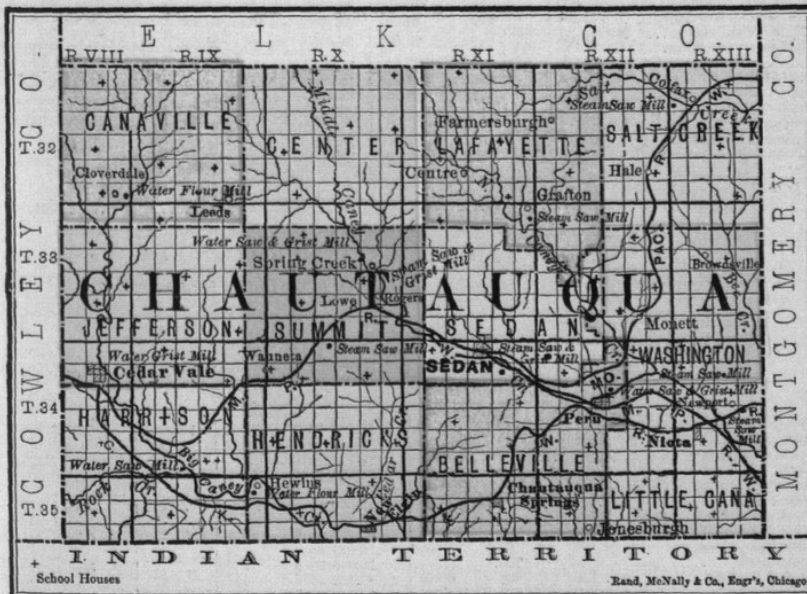
### POST OFFICES.

Bazaar, Birley, Cedar Point, Clements, COTTONWOOD FALLS (C. H.), Elk,	Elmdale, Homestead, Hymer, Kenyon, Matfield Green, Morgan,	Strong City, Thurman, Toledo, Wonsevu.
--	---	---

### CHAUTAUQUA COUNTY.

It is the fourth county west from the eastern boundary of the State, and a member of the southern tier of counties bordering on the Indian Territory. It has an area of 651 square miles, ranks as the fifty-seventh county in population, and has a density of 18.25 persons to the square mile. Howard county was organized in 1870; but in

MAP OF CHAUTAUQUA COUNTY, KANSAS, 1888.



1875 the Legislature of the State divided the county from east to west in the center, giving the name of Elk to the northern half and of Chautauqua to the southern half. The city of Sedan, lying a little east and south of the center, is the county seat, and has a population of 898. The town of Cedar Vale, situated in the western portion, on Big Caney creek, has a population of 620 and is a place of considerable importance.

The surface in the southern portion is gently undulating, and along some of the creeks it is broken and irregular. The northern part is very level and has but a small per cent. of territory unfit for agriculture. Bottom-lands on the larger creeks average one mile in width, and on the smaller streams from one-fourth to one-half mile. There are belts of timber along all the streams, while some of the uplands have beautiful natural groves.