

CLIMATOLOGICAL DATA

12

KANSAS SECTION

S. D. FLORA

VOL. XLIX TOPEKA, KANS., JUNE, 1935 No. 6

GENERAL SUMMARY

This was an unusually cool, cloudy June, with frequent and heavy rains over most of the eastern two thirds of the State. Combined with May, preceding, it made the wettest 2-month period in the State's history, except May and June of 1908 and 1915. Damaging floods, some the worst on record, occurred in many parts of the State.

Very few places in the eastern half had less than five inches of rain during the month and the southeastern counties reported amounts in excess of ten inches. The northwest quarter generally had sufficient rainfall but most of the southwestern counties had deficient amounts and dust storms occurred several days in that section. However, for the western third as a whole this month and the one preceding made the wettest 2-month period in seven years.

The average rainfall over the eastern third was 7.30 inches; the middle third, 5.05 inches; the western third, 2.90 inches; and for the State as a whole, 5.08 inches, which is 1.08 inches above normal and over 50 per cent greater than the amount that fell in June one year previous. The greatest monthly total was 17.08 inches at Parsons and the least, 1.15 inches near Deerfield, in Kearny County. Measurable rain fell on 12 days, taking the State as a whole, which is 50 per cent above the usual frequency.

The mean temperature, 71.0°, was 2.7° below normal and 9.5° below that of June one year previous, making it the coolest June in seven years. The highest reading reported was 104° on the 9th at Garden City and Johnson and the lowest, 38° on the 7th at Oberlin.

Farm work was greatly hampered over the eastern two thirds of the State. Wheat harvest began in the south-central Counties near the middle of the month but made slow progress on account of irregular ripening, wet fields, and lodged grain. Considerable damage by rust was reported. At the close from 50 to 75 per cent had been cut in that section and harvest was beginning in the northeastern counties almost to the Nebraska line. Oats harvest followed closely.

Corn planting was generally finished by the 15th but much replanting was necessary. The crop made satisfactory growth the latter part, though fields were weedy on account of lack of opportunity for cultivation.

Pastures and alfalfa made an excellent growth. The first crop of alfalfa was secured with considerable damage in curing. Planting grain sorghums was delayed by too much moisture.

IMPORTANT MISCELLANEOUS PHENOMENA

While the eastern two thirds of the State was thoroughly soaked during the month, dust storms of rather local nature occurred in the southwestern counties and on one or two dates invaded some of those in the northwest portion. Reports received indicated their occurrence as follows: on the 1st at Quinter; on the 2d at Tribune and Dodge City; on the 5th at Ulysses; on the 9th and 10th at Syracuse; on the 11th at Johnson and Lakin; on the 13th at Norton; on the 16th at Syracuse; on the 23d at Norton; on the 24th at Ulysses; on the 25-26th at Dodge City; on the 27th at Syracuse; and on the 30th at Minneola, Syracuse, and Ulysses.

Light hail was reported on the 1st at Concordia, Hutchinson, and Larned; on the 2d at Lincoln and Norton; on the 6th at Fredonia; on the 7th at Alden; on the 10th at Holton; on the 11th at Topeka, Vinland, and Plainville; on the 16th at Riehfild; on the 17th at Ashland; on the 19th at Holton; on the 20th at St. Joseph; on the 25th at Wichita, Alden, Florence, and Quinter; on the 26th at Hutchinson, Marion, and Ulysses; and on the 29th at Dodge City and Healy.

Moderate hail was reported on the 12th near Norton, on the 25th near Sharon Springs, and on the 29th at Tribune.

Storms of special severity are tabulated elsewhere in this report.

OVERFLOWS OF THE MONTH

Rivers and creeks overflowed in almost every part of the State this month, except W.B.O., TOPEKA, KANSAS, 7-26-35-970

the southwestern counties, with a total damage running into many millions of dollars.

Record breaking floods occurred the first week along the Republican River, at Be- loit on the Solomon, and at Quenemo on the Marais des Cygnes (Osage), with one of the worst overflows on record along the Kansas River and another that approached the record very closely along the lower Neosho. Overflows of less consequence also occurred along the Blue, in parts of the Smoky Hill and Cottonwood Rivers, and along the upper Neosho.

Total damage along the rivers mentioned was estimated at \$6,559,625, the greater part of which was to highways, bridges, prospective crops, and railways. Damage to the latter, in so far as estimates were available, totaled, \$720,000. Total area of crops flooded was estimated at 391,300 acres. Only four lives were lost.

Continued on Page 48.

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation (inches)						Aver. No. of days				
	Mean	Maximum	Minimum	Average					With 0.01 in. or more precip'n.	Clear	Partly cloudy	Cloudy		
				Eastern division	Middle division	Western division	State	Snow melted.						
1887.....	76.2	104	44	4.69	3.59	2.47	3.58	.....	.....	.....	.....	.....
1888.....	74.6	105	38	5.44	3.04	2.04	3.51	0	6	14	14	2		
1889.....	71.2	105	40	4.69	3.90	3.35	3.98	0	7	13	10	7		
1890.....	77.6	107	33	2.09	3.66	1.76	2.70	0	5	14	12	4		
1891.....	70.7	100	37	8.67	4.92	5.24	6.28	0	10	4	11	15		
1892.....	73.4	109	33	2.18	1.86	1.58	1.87	0	4	18	10	2		
1893.....	74.7	114	35	5.48	4.26	2.00	3.91	0	7	15	12	3		
1894.....	74.2	110	31	6.85	6.31	2.67	4.94	0	8	17	9	4		
1895.....	71.7	103	34	5.06	5.10	4.37	5.01	0	9	11	12	7		
1896.....	74.1	114	39	3.44	5.71	3.51	4.22	0	9	14	12	4		
1897.....	76.6	113	38	5.45	2.90	2.57	3.64	0	9	10	15	9		
1898.....	75.0	108	40	5.09	4.46	3.64	4.40	0	9	16	9	5		
1899.....	73.9	110	40	5.15	7.21	3.76	5.37	0	9	13	12	6		
1900.....	74.9	110	43	4.85	2.78	3.14	3.59	0	5	15	12	3		
1901.....	77.3	108	37	2.40	2.83	1.60	2.23	0	5	18	10	8		
1902.....	70.9	106	34	7.37	6.52	3.51	5.80	0	9	12	10	6		
1903.....	67.2	103	33	2.65	2.07	2.42	2.38	0	8	13	11	6		
1904.....	70.4	100	35	8.80	6.75	4.17	6.57	0	12	11	11	8		
1905.....	75.5	108	42	3.55	5.13	2.56	3.75	0	7	15	11	4		
1906.....	71.8	103	37	5.56	2.64	2.81	3.67	0	7	16	9	5		
1907.....	72.0	104	36	6.48	4.52	3.54	4.83	0	10	15	10	5		
1908.....	72.1	110	40	10.01	8.78	4.99	7.91	0	13	11	12	7		
1909.....	73.1	104	42	5.41	5.38	5.59	5.46	0	12	11	14	5		
1910.....	72.2	108	36	2.77	1.59	1.28	1.88	0	6	16	10	4		
1911.....	80.5	116	44	0.69	0.50	0.72	0.64	0	3	21	7	2		
1912.....	69.3	101	34	4.43	3.45	4.17	4.02	0	9	13	8	7		
1913.....	74.2	106	37	2.10	2.50	2.75	2.45	0	7	13	11	6		
1914.....	78.2	109	40	4.99	3.80	3.08	3.96	0	8	18	8	4		
1915.....	69.2	99	32	8.03	6.85	4.50	6.46	0	13	9	13	8		
1916.....	70.3	103	34	7.72	6.90	3.40	6.01	0	10	15	10	5		
1917.....	72.8	112	30	2.99	2.07	1.27	2.11	0	5	21	6	3		
1918.....	78.4	111	38	1.59	1.36	0.97	1.31	0	4	21	6	3		
1919.....	72.3	103	33	5.29	5.13	2.67	4.36	0	10	14	10	6		
1920.....	72.8	102	39	3.75	2.34	2.70	2.93	0	7	16	8	6		
1921.....	74.4	101	44	6.30	4.99	3.70	5.00	0	11	12	9	9		
1922.....	75.2	105	40	2.69	2.21	2.10	2.33	0	6	20	8	2		
1923.....	73.0	103	42	6.39	7.21	4.71	6.10	0	11	13	11	6		
1924.....	74.1	103	36	4.21	1.36	0.93	2.17	0	7	16	11	3		
1925.....	77.6	110	42	6.25	4.18	1.67	4.03	0	8	18	10	2		
1926.....	72.7	107	39	3.26	2.75	2.05	2.89	0	8	16	10	4		
1927.....	71.2	106	40	6.91	6.41	4.41	5.91	T.	10	15	7	8		
1928.....	67.3	97	37	8.72	7.62	5.70	7.35	0	15	10	11	9		
1929.....	72.1	104	41	5.44	4.22	2.80	3.99	0	8	17	7	6		
1930.....	72.7	110	40	5.55	3.66	2.54	3.92	0	7	18	8	4		
1931.....	77.8	106	44	2.46	2.54	1.45	2.15	0	5	21	7	2		
1932.....	73.4	105	45	5.98	5.66	5.56	5.73	0	10	14	11	5		
1933.....	80.7	114	42	0.98	0.74	0.88	0.87	0	3	20	8	2		
1934.....	80.5	110	47	2.54	3.27	2.39	2.73	0	7	19	9	2		
1935.....	71.0	104	38	7.30	5.05	2.90	5.08	0	12	13	11	6		
Period.....	73.7	116	30	4.90	4.14	2.95	4.00	T.	8	15	10	5		

PRESSURE, WIND, HUMIDITY, AND SUNSHINE DATA

Stations	Atmospheric pressure (reduced to sea level)				Wind			Relative humidity			Percentage of sunshine		
	Mean	Highest	Date	Lowest	Date	Av. by velocity	Max. velocity	Direction	Date	7 a. m.		12 noon	7 p. m.
Concordia.....	29.90	30.21	4	29.52	17	8.4	26	s.	28	84	60	60	82
Dodge City.....	29.88	30.26	4	29.60	16	13.6	35	ne.	3	84	48	47	75
Goodland.....	.....	.....	.....	.....	.....	7.3	26	.....	2	.....	.....	.....	.....
Kansas City, Mo.	29.89	30.17	7	29.41	18	9.4	36	nw.	1	83	58	62	58
St. Joseph, Mo.	29.88	30.17	7	29.44	18	7.9	30	nw.	4	84	59	60	60
Topeka.....	.....	.....	.....	.....	.....	8.9	28	nw.	18	.....	.....	.....	50
Wichita.....	29.88	30.20	4	29.57	17	10.9	38	nw.	26	82	56	59	61

Note: All wind velocity records, except those for Goodland, in this table are corrected values, obtained from 4-cup anemometers.

CLIMATOLOGICAL DATA FOR JUNE, 1935

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.							Precipitation, in inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
<i>Eastern Division</i>																				
Atchison	Atchison	973	44	69.0	-4.6	90	25	40	7	30	5.74	+0.97	1.96	0	13	8	18	4	A. Lingenfelter, O.S.B.	
Bazaar [near]	Chase	1,260	30	69.6	-4.6	90	10	42	7	35	5.70	+1.62	2.25	0	9				Mrs. T. H. McCabe	
Blue Rapids	Marshall	1,105	28											0	13				Chas. S. Saville	
Burlington	Coffey	1,010	41	71.0	-3.5	91	10	45	7	30	7.16	+1.73	1.50	0	11	7	16	7	Mabel M. Hunt	
Carbondale	Osage	1,078	13											0	18	5	3	nw.	W. Lows	
Centralia [near]	Nemaha	1,256	25	69.0	-4.2	90	24	40	7	31	7.41	+2.61	1.40	0	14				A. E. Myers	
Chanute	Neosho	940	30	71.6	-4.0	90	10	47	7	30	10.20	+5.21	2.84	0	16	8	12	10	Fletcher MacLary	
Coffeyville	Montgomery	744	6								9.22		3.18	0	14	13	3	14	Andrew Smith	
Columbus	Cherokee	898	44	71.2	-3.5	90	28	49	7	29	13.25	+7.16	2.71	0	19	5	3	17	O. E. Sktuner	
Council Grove	Morris	1,234	25	71.2	-2.8	92	24	48	8	34	8.20	+4.26	2.38	0	11	4	2	4	A. H. Prater	
Elmdale	Chase	1,195	11								8.93	+4.83	3.52	0	11				Mrs. R. S. Patterson	
Emmett	Pottawatomie	1,024	22								3.28	-1.54	1.07	0	11				D. F. Miller	
Emporia	Lyon	1,138	53	69.8	-4.2	90	10	44	7	33	6.15	+1.26	1.67	0	17	10	5	15	Wm. G. Thomas	
Eskridge	Wabaunsee	1,412	28	69.4	-3.9	90	10	42	7	31	4.56	-0.66	1.40	0	12	16	12	2	W. R. Logan	
Eureka [near]	Greenwood	1,079	38	70.8	-3.8	90	10	45	7	29	6.68	+2.29	2.45	0	16	12	13	5	Ed Knudsen	
Fort Scott	Bourbon	857	59	71.4	-3.4	90	10	47	7	31	8.07	+1.84	2.55	0	17	10	13	7	E. A. Shaver	
Fredonia	Wilson	864	31	71.0	-3.9	90	10	45	7	32	12.36	+7.10	3.06	0	21	10	6	14	B. W. Holmes	
Garnett	Anderson	1,046	23								7.31	+2.61	1.59	0	16	6	16	8	C. C. Blood	
Holton	Jackson	1,043	23								6.80	+1.67	1.28	0	18	11	11	8	John Darlington	
Horton [near]	Brown	1,188	45	68.2	-4.3	87	24	40	7	28	7.33	+2.42	1.72	0	19	10	6	3	Harry L. Cotton	
Howard	Elk	1,112	23								10.35	+5.05	3.04	0	19	12	15	3	J. R. Kingsley	
Independence	Montgomery	800	68	71.9	-3.9	89	10	48	5	31	9.45	+4.33	2.47	0	19	7	5	18	F. L. Kenoyer	
Iola 1	Allen	984	30	71.6	-3.1	90	10	46	7	31	7.90	+2.03	1.70	0	17	2	15	13	U. S. Weather Bureau	
Iola 2	Allen	957	30								8.19		2.26	0	16				Roy C. Crawford	
Junction City	Geary	1,078	10								6.98	+1.34	2.35	0	11	11	16	3	L. W. Sargent	
La Cygne	Linn	827	16								6.98		1.63	0	13	12	9	9	Mrs. Ida H. Dyer	
Lawrence	Douglas	1,018	66	70.8	-2.9	91	10	46	7	29	6.60	+1.71	2.37	0	17	5	15	10	Prof. C. J. Posey	
Leavenworth	Leavenworth	913	80	71.4	-2.2	90	15	49	5	27	6.65	+1.68	1.42	0	16	18	0	11	M. R. Rhodes	
Lebo	Coffey	1,138	48	70.1	-4.2	92	24	43	7	29	6.98	+1.59	1.68	0	16	10	18	2	L. J. Bowman	
LeRoy	Coffey	990	25								7.80	+3.34	1.94	0	16				F. W. Schmitt	
Lyndon (near)	Osage	1,006	11								6.63	+1.63	1.68	0	12				H. E. Olson	
McFarland	Wabaunsee	1,025	17								4.00	-1.40	1.14	0	10				C. H. Forinash	
Manhattan	Riley	1,100	76	71.0	-3.7	94	10	41	7	34	6.79	+2.17	2.04	0	17	15	18	2	G. E. Raburn	
Neosho Rapids	Lyon	1,092	29								6.07	+1.03	1.34	0	13				Jan. F. Irwin	
Oketo	Marshall	1,231	26	68.6	-4.9	89	24	39	7	31	5.19	+0.64	1.42	0	14	9	16	5	J. A. Church	
Olathe	Johnson	1,032	39	70.0	-4.1	89	10	44	7	28	8.16	+3.51	3.41	0	13	6	16	8	E. T. Randall	
Osage City	Osage	1,081	36	70.7	-2.9	91	10	43	7	33	6.00	+0.39	1.60	0	15	7	18	5	M. E. Nichols	
Oswego	Labette	899	45								12.12	+6.54	2.58	0	17				G. W. Albrecht	
Ottawa	Franklin	891	40	70.2	-3.4	91	10	44	7	31	6.05	+0.88	1.35	0	13	13	9	8	W. J. Sheldon	
Overbrook	Osage	1,100	7								5.66		2.04	0	15	7	13	10	F. C. Butel	
Overbrook [near]	Douglas	1,109	13								6.57	+1.87	1.57	0	14				Walter Schwarz	
Paola	Miami	865	28								6.76	+1.45	3.08	0	15	10	15	5	C. W. Ricketts	
Parsons	Labette	898	10	72.2	-3.4	91	10	49	5	33	17.08	+11.88	3.35	0	15	9	15	6	Jan. M. Currihan	
Pittsburg	Crawford	934	21								13.77	+8.23	4.35	0	15	4	16	10	W. F. Conner	
Pleasanton	Linn	862	32								5.92	+0.59	1.70	0	15	11	15	4	Samuel Tucker	
Pomona [near]	Franklin	1,000	13								4.88	-0.17	1.33	0	12	8	9	13	Mrs. Dora A. Scovill	
Quenemo	Osage	941	22								6.15	-0.52	1.85	0	8				W. T. Windett	
Randolph	Riley	1,052	17								5.54	+0.63	1.47	0	14	16	7	7	F. J. Newman	
Reading	Lyon	1,079	15								6.25	+0.29	2.40	0	9				E. M. Cross	
Sedan	Chautauqua	834	49	71.4	-3.8	91	10	46	5	36	9.30	+4.15	4.86	0	21	13	14	3	A. B. Read	
Tonganoxie [near]	Leavenworth	823	4								7.18		2.12	0	15	10	14	6	D. F. Smith	
Topeka 1	Shawnee	986	48	71.2	-2.2	94	10	45	7	28	5.05	+0.40	1.23	0	19	6	18	6	U. S. Weather Bureau	
Topeka 2	Shawnee	903	10	71.6		94	10	44	7	34	5.45		1.14	0	17				A. D. Robb	
Toronto	Woodson	1,040	37	70.9	-3.7	92	10	46	7	30	8.55	+3.71	2.11	0	17	13	10	7	M. D. Webb	
Valley Falls	Jefferson	913	35	70.2	-2.8	92	10	42	7	33	7.25	+2.59	2.54	0	14	14	5	10	J. M. Piazek	
Vinland	Douglas	880	25								7.86	+2.91	2.85	0	11				A. Schick	
Wagstaff	Miami	975	25								7.26		2.09	0	15	13	3	14	F. Bendorf	
Walnut	Crawford	940	32								10.23	+4.53	2.49	0	13				R. C. Haclan	
Wamego	Pottawatomie	992	41	71.4	-3.5	94	10	43	7	33	4.53	-0.45	1.10	0	14	23	4	3	B. A. Larson	
Wheaton	Pottawatomie	1,450	17								5.44	+0.64	1.10	0	13				Walter Kral	
Willard	Shawnee	917	6								4.87		1.16	0	12				I. S. Lauck	
Kansas City, Mo.		750	47	71.6	-2.0	91	10	46	7	31	3.24	-1.75	0.95	0	17	4	14	12	U. S. Weather Bureau	
St. Joseph, Mo.		967	26	69.5	-4.9	88	27	44	7	25	8.20	+3.17	2.46	0	16	9	13	8	U. S. Weather Bureau	
For the Division				70.6	-3.6	94	10	39	7	36	7.30	+2.40	4.88	0	15	10	12	8		
<i>Middle Division</i>																				
Alden	Rice	1,684	24	71.1	-4.1	95	10	45	7	32	5.43	+1.20	1.15	0	19	8	17	5	Geo. Klady	
Alton [near]	Osborne	1,651	32	70.2	-3.4	98	24	42	7	36	5.58	+1.80	1.65	0	12	14	10	6	H. A. Storer	
Anthony	Harper	1,329	37	73.3	-2.7	98	20	46	7	37	2.76	-1.06	1.68	0	10				R. H. Beebe	
Arkansas City	Cowley	1,073	18								4.22	-1.69	1.08	0	13				Walter Hutchison	
Augusta	Butler	1,287	12								4.82	-0.16	1.07	0	14				J. E. Mahannah	
Belleville	Republic	1,512	12	69.3	-3.6	93	24	42	7	31	3.10	-1.29	1.03	0	9	13	16	1	A. Q. Miller, Jr.	
Beloit	Mitchell	1,383	39								8.39	+3.69	2.85	0	11				Guy W. Brown	
Bennington (near)	Ottawa	1,385	4								4.04		0.70	0	11	14	16	0	P. C. Anderson	
Bison (near)	Rush	2,012	32	71.0	-2.4	98	10	42	7	35										

CLIMATOLOGICAL DATA FOR JUNE, 1935—Continued

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches				Number of days			Prevailing direction of wind	Observers		
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear			Partly cloudy	Cloudy
<i>Middle Division—Continued</i>																				
Hays	Ellis	2,000	66	70.0	-2.6	95	24	41	7	33	5.10	+1.75	1.10	0	13			s.	A. L. Hallsted	
Herington	Dickinson	1,328	16	70.0*		90*	10	44	7	28*	7.34	+2.30	3.12	0	12	22*	5*	2*	W. C. Tegmeier	
Hessouff	Harvey	1,483	12								5.19	+0.32	1.70	0	7				Amos Gingerich	
Holsington [near] ††	Barton	1,860									5.94		2.65	0	14	6	13	6	F. C. Elgen	
Hudson	Stafford	1,867	13								6.45	+3.08	2.56	0	8	25	2	3	C. E. Durham	
Hutchinson	Reno	1,535	44	71.4	-3.4	94*	10†	44	7	32*	6.70	+2.41	2.09	0	12	8	8	14	Mrs. E. F. Ploughe	
Kingman	Kingman	1,504	7																L. G. Dale	
Larned	Pawnee	2,090	49	71.2	-3.1	99	10	43	7	31	5.89	+2.01	2.78	0	14	7	21	2	H. H. Wolcott	
Lincoln	Lincoln	1,374	22	70.0	-5.1	95	24	40	7	36	6.62	+2.88	1.95	0	13	6	13	11	R. W. Greens	
Lindsborg	McPherson	1,333	22								4.11	-0.29	1.28	0	9				A. J. Fredrickson	
Lyons	Rice	1,696	3								5.79		1.54	0	12				H. L. Ramage	
McPherson	McPherson	1,495	48	71.6	-3.1	94	24	44	7	38	3.47	-1.65	1.07	0	10	12	14	4	Ed. Haberlein, Jr.	
Marion	Marion	1,310	40								4.41	+0.03	1.30	0	11	8	14	8	Dr. P. J. Garrison	
Medicine Lodge	Barber	1,475	41	74.0*	-2.1	95*	9†	47*	7	30*	1.86	-1.86	0.96	0	7	11	13	6	S. P. Garrison	
Medora ††	Reno	1,484	21								5.45	+1.05	2.55	0	10				A. M. Bear	
Minneapolis	Ottawa	1,259	44	70.6	-3.4	95	24	44	7	35	3.80	-0.38	0.81	0	15	19	10	1	J. E. George	
Mt. Hope	Sedgwick	1,410	37								5.45	+0.99	2.18	0	10				W. R. Ives	
Newton	Harvey	1,454	37	70.0	-4.9	90	10	44	7	34	4.39	-0.43	1.31	0	16	10	7	13	E. W. Swim	
Norwich	Kingman	1,496	38	73.0	-2.8	95	10	45	7	34	5.15	+0.80	1.17	0	13	20	9	1	J. A. Green	
Phillipsburg	Phillips	1,939	43	69.9	-2.1	94	24	40	7	35	3.90	+0.09	1.12	0	16	12	14	4	Mrs. Lila A. Lane	
Plainville	Rooks	2,156	28	69.7	-2.9	94	24	42	7	32	6.42	+2.46	2.41	0	14	12	15	3	Chas. Lambert	
Pratt	Pratt	1,880	39	72.9	-2.3	97	10	45	7	31	4.83	+1.61	1.38	0	9				Chas. W. Pratt	
Russell	Russell	1,834	35	69.6	-4.3	95	24	41	7	38	3.62	-0.85	0.81	0	12	1	26	3	C. W. Woolman	
Salina	Saline	1,227	50	72.6	-2.0	97	24	46	7	35	5.04	+0.56	0.85	0	14	7	21	2	E. A. Laubengayer	
Sedgwick	Harvey	1,377	18								3.79	-0.43	1.12	0	12				Ernest Koch	
Smith Center	Smith	1,800	24								3.96	+0.48	2.25	0	7				A. E. Nelson	
Trousdale	Edwards	2,050	19								2.97	-0.53	0.99	0	13	21	8	1	H. L. Cudney	
Wellington	Sumner	1,228	37	71.8	-4.9	94	10	46	7	35	6.68	+1.43	2.15	0	16				L. H. Sarchet	
Wichita	Sedgwick	1,862	47	71.2	-3.2	93	10	46	7	26	7.21	+2.83	2.69	0	15	6	11	13	U. S. Weather Bureau	
Winfield	Cowley	1,124	40	72.4	-3.5	95	10	47	7	35	4.35	-0.91	1.05	0	10	10	14	6	s.	M. B. Light
For the Division				71.1	-3.2	99	10	39	7	41	5.03	+0.91	3.50	0	12	12	13	5	s.	
<i>Western Division</i>																				
Ashland	Clark	1,951	47	73.0	-2.6	98	9	51*	5†	32*	3.44	+0.01	1.79	0	9	17	7	6	se.	M. G. Stevenson
Atwood ††	Rawlins	2,894	37	69.8	-1.1	99	9	41	7	37	3.19	+0.40	2.18	0	7	24	5	1	se.	A. H. Hilpert
Bird City (near)	Cheyenne		18								3.99	+1.47	1.28	0	11					Henry Weaver
Bucklin	Ford	2,418	15								1.19	-2.24	0.42	0	7					F. A. Gresham
Cumarron	Gray	2,625	22	71.8	-1.1	100	9	43	7	38	2.88	-1.00	1.36	0	4	22	0	8	s.	R. R. Crusinbery
Colby	Thomas	3,138	43	69.2	-1.4	100	24	44	7	46	3.88	+0.84	1.26	0	10	26	3	1	se.	G. H. Kinkel
Deerfield (near) ††	Kearny		18								1.15	-1.46	0.51	0	7					C. C. Butler
Dodge City	Ford	2,545	60	71.4	-1.1	100	9	44	7	36	1.95	-1.35	0.70	0	10	13	11	6	s.	U. S. Weather Bureau
Dresden	Decatur	2,731	40	69.5*	-1.5	102	24	40*	7†	45	3.82	+0.82	1.14	0	10	12	12	6		W. W. Wernette
Elkhart	Morton	3,595	17								1.33	-0.91	1.11	0	3					Fred Sutton
Garden City	Finney	2,836	45	73.0	-0.4	104	9	44	7	44	1.87	-1.81	0.42	0	5	27	2	1		Ralph T. Kersey
Goodland	Sherman	3,687	27	69.0	-0.8	99	9	43	7	43	3.11	+0.28	1.18	0	12	16	13	1	se.	F. J. Horton
Healy	Lane	2,850	33			103*	9	45*	8	40*	4.07	+0.96	1.25	0	10	20	6	4	se.	H. S. Jennison
Hill City	Graham	2,134	26	70.6	-3.0	99	24	43*	7	39*	5.33	+1.93	2.05	0	10	15	11	2	1	Alvin L. Law
Hoxie	Sheridan	2,700	35	70.6	-1.3	100*	24	43	7	37*	2.73	-0.46	0.83	0	8	22	7	1	se.	Nelson Long
Hugoton	Stevens	3,100	30								1.26	-1.44	0.58	0	5	28	2	0	s.	S. T. Townsend
Jetmore	Hodgeman	2,268	32			102†	9†	49*	22	45*	1.21	-2.00	0.40	0	7	12*	12*	1*	s.	C. H. Guthrie
Johnson	Stanton	3,276	18	75.0	+1.6	104	9	46	7	43	2.87	+0.61	1.06	0	6	9	13	8	s.	C. E. Van Meter
Kismet (near)	Seward		23								1.95	-0.52	1.53	0	5	11	11	8	s.	Dale E. Beard
Lakin	Kearny	3,300	44	73.6	+0.8	100	9†	47	7	42	1.54	-0.70	0.48	0	5	12	16	2	se.	J. W. Sinclair
Leoti ††	Wichita	2,843	31	70.7	-0.3	101	9	46	7	40	4.60	+1.68	1.50	0	9	16	12	2	se.	L. E. Gorsuch
Liberal	Seward	2,843	27	74.7	-0.1	101	24	46	7	41	1.49	-1.26	0.80	0	7	18	10	2	sw.	Chas. E. Wood
Minneola	Clark	2,558	22								1.31	-2.02	0.59	0	4	17	12	1	se.	D. M. Nicoll
Ness City	Ness	2,260	37								4.26	+0.56	1.31	0	7					Knox Barnsd
Norton (near)	Norton	2,340	43	68.7	-3.0	98	24	39	7	36	3.36	-0.36	1.80	0	14	14	14	2	se.	Sim Sleaf
Oakley	Logan	3,049	15	69.5	-1.8	101	24	43	7	40	2.28	-0.82	0.61	0	10	17	12	1	se.	Prof. F. H. Bailey
Oberlin	Decatur	2,539	47	70.4	-1.2	100	24	38	7	44	4.27	+1.23	2.09	0	9	20	9	1	s.	E. W. Coldren
Plains	Meade	2,766	24								1.54	-1.53	1.20	0	5	21	6	3	s.	P. S. Dahl
Quinter	Gove	2,664	8	69.0	-3.0	98	25	44	7	41	10.13	+7.01	5.40	0	10	20	9	1		H. R. Turtle
Rienheld	Morton	3,377	37	74.4	+1.6	101	11†	41	7	47	1.33	-1.03	1.15	0	3	21	3	6	s.	R. L. Wilson
St. Francis	Cheyenne	3,285	26	69.4	-0.8	101	9	42	7	42	2.96	+0.36	1.07	0	14	18	12	0		J. E. Uplinger
Scott City	Scott	2,971	28	70.6	-1.8	103	9	45	7	42	3.60	+0.53	1.58	0	10	17	10	3		Douglas Baker
Scott City (near) ††	Scott	2,971	4								4.22		2.25	0	5	29	0	1	se.	B. E. Hale
Sharon Springs	Wallace	3,440	12								3.58	+1.11	1.37	0	5					Gust A. Nelson
Sublette	Haskell	2,911	21	72.8	-0.6	101	24	45	7	38	1.28	-1.82	0.52	0	6	21*	4*	0*	se.	Mrs. Cecil C. Baker
Syracuse	Hamilton	3,227	16								1.42	-1.04	0.60	0	5	3	7	20	se.	W. H. Brown
Tribune	Greely	3,612	35	69.8	-0.8	100	24	45	7	47	2.20	-0.41	0.62	0	6	14	16	0	se.	T. B. Stinson
Ulysses	Grant	3,050	36	73.4	+0.1	101	9	44*	7	33*	3.07	+0.31	1.86	0	6	25	3	2	s.	Mrs. H. F. McCall
Wakeeney	Trego	2,456	51	68.8	-3.5	9														

DAILY PRECIPITATION FOR JUNE, 1935

Stations	Drainage-Basins	Day of month																															Total											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31												
<i>Eastern Division</i>																																												
Atchison	Missouri	.26	1.96			.01	T.	.20					.82																				.07	.48		.13		.13	5.74					
Bazaar (near)	Neosho	.55	.88		.10							2.25		.10					.13															1.05	.50				.14	5.70				
Blue Rapids	Blue	.66	2.53		.19		T.	.16				.57		.23						.31														.34	.08		.14		.27	7.02				
Burlington	Neosho	1.02	1.05				T.	.08				.23		1.32		.22		T.		.18		.05												1.50	1.25		.26		T.	7.16				
Carbondale	Osage							.16					.58		.04		.15				.59														.12	.60		.66		.74	7.41			
Centra (near)	Blue	1.40			.15							.43		.36		.04		.15			.29														.17	.65		.07		T.	10.20			
Chanute	Neosho	.05	1.28					1.13		.54		.43		.35							.96														1.25	.59					10.20			
Coffeyville	Verdigris	.22	1.0					3.18				.46		.35							2.31		.78												.05	.12					9.22			
Columbia	Neosho	.02	1.03		T.	T.		2.71		.30		.03		1.15		.35		.18		.14		.09		.62		.02		T.	1.73	.74					1.70	.87		.37		.04	13.25			
Council Grove	Neosho	1.08	2.38		.08	T.	T.	.04		T.		.03		.57		1.21		.08			.20		.04												.31	.29		.85		1.15	8.20			
Elddale	Neosho	.76	1.21		.02			.04						.29		3.52		.18			T.															T.	1.35		.93		.88	8.93		
Emmett	Kansas	T.	.73		.02			.01					.60		.04						.04															.13			1.08		.35	3.28		
Emporia	Neosho	.85	1.10		.47	.03	.02	.04						1.35		.30						.01	.18		.45											.26	.80		.14		.11	6.15		
Esbridge	Osage	1.40	.05		.08			.10					.32		.04						.02	.04														.30	1.06		.59		.56	4.56		
Eureka [near]	Verdigris	1.26	.72		.02		.03	.35		.28				T.	.46	.17						.21														.27	2.45		.11		.25	6.68		
Fort Scott	Marmaton	.11	.90		.21			.50		.97				.55		.19		.49			.03	.24		.04												T.	.01					8.07		
Fredonia	Verdigris	.28	.74		.04	.03		1.17		.56		.35		.01		.96		.41		.88		1.13		.36		.35		.06		.01	.50	.05					.03	2.16		.20		.41	12.36	
Garnett	Osage	.86	1.55		.08	.02	.09	.04				.25		.01		.31		.17		.11		1.3		1.46												.95	1.27		T.		.01	7.31		
Holt	Kansas	.46	.82		T.	.06	.02							1.25		.14		.01			.01	.04		1.18		.07		.27	.10							.15	.38		.75		.01	6.80		
Horton	Verdigris	.52	1.52		.03	.02	.04	.44				.43		.01		.92						.02	.49		.72		.03	.36	.06								.08	.20		.28		.70	10.35	
Howard	Verdigris	T.	.51		.04	.03		.50		.23				2.65		.39		.07		.05		.17		.44		T.	.07	.07									.03	.77		.70		.19	10.35	
Independence	Verdigris	.22	.31		.02		T.	1.45				.69		.32		1.11		.04		.37		.30		1.37		.32		.04									.27	.47		.14		.02	7.50	
Iola 1	Neosho	.06	1.16		.12		T.	.13		.49				.04		1.01		.02		.20		.02		1.70		.04											.18	.59		.56		.11	7.50	
Iola 2	Neosho	.08	1.03		.10			.16		.39			.05		1.24		.05		.20		.02		1.26		.03												.38	1.22		T.		.94	8.19	
Junction City	Kansas	.43	1.06		.04	.20	T.						1.06																							T.	.30				.25	5.98		
La Cygne	Osage	.21	1.63		.02	.07		.25					.45		.22		.08		.90				.04														T.	.01				1.39	6.60	
Lawrence	Kansas	.69	.48		.53		.05	.29		T.		.01	.01	2.37		.30		.20				.05		.04													1.05	.02		.35		.02	6.60	
Leavenworth	Missouri	.43	1.42		T.	.01	.04	.21						.95		.37		.02				.45		.04													T.	1.05		T.		.32	6.65	
Lebo	Neosho	.50	1.43		.03	.09	.07	.06				.25		.48		.07		.02				.09		.02													T.	.01				1.68	6.93	
LeRoy	Osage	.50	.81		.38			.10				.03	.40		1.94		.03		.12			1.33		.09													.37	1.14		.32		.16	7.80	
Lyndon	Osage	.65	1.35		T.			.10				.09		1.05		.05		.03				1.68		.15													.51	.84		.10			6.63	
McFarland	Kansas	.31	.58			.04		.02					.43																								.26	.44		1.14		.54	4.00	
Manhattan	Neosho	.53	.54		.01			.15					.36		.30		.18		.06																		T.	.33		.01		.28	6.79	
Neosho Rapids	Neosho	1.34	1.06		.60			.12		.15		.10		.45		1.20						.04		1.32		.02											.18	.87		.27			6.07	
Oketo	Blue	1.42	.46		.11		.32	.03					.45								.07		.69		.05												.25	.09		.27			5.19	
Olathe	Kansas	.52	.66		.01		T.	.34		.12				3.41		T.		.36				.47		T.		.61											T.	.73				.87	8.16	
Osage City	Osage	.66	1.60		.03	.02	T.	.06		.02		.08	T.	1.32		.15		.07				.04		.14													.48	1.08		.25			6.00	
Osawego	Neosho	.05	.83		.05		T.	1.22		.56		.05		.05		1.72						.42		.97		.26		.89		.16	T.	.32	.37					T.	1.12		.11		1.12	12.12
Ottawa	Osage	.83	1.35		T.	T.		.05		T.		.70		.79		.04		.01				.16		.37													.47	.73		.20		T.	6.05	
Overbrook	Neosho	.26	2.04		.02	.05	T.	.17		T.		.04	T.	.80		.01						.05		.06													.05					T.	5.66	
Overbrook [near]	Neosho	.20	1.57		.02	.04	T.	.09				.25		1.18				.04				.06		.08													.82	1.01		1.16		T.	6.57	
Paola	Neosho	.68	3.08					.01					.55		.02		.03		.03		.68		.82		.02		.04		T.	3.12	.29							.81	.32		.07		.13	6.76
Parsons	Neosho	.26	1.69					.04				.02		3.35		.76						1.17		1.43		.01		.20		.43							T.	3.12		.04		.31	17.08	
Pittsburg	Osage	.26	1.03		.20		T.	4.35		.76		.11		1.17		1.11		1.43		.01		.20		.43		.06		.08		.02								.31	1.76				T.	13.77
Pleasanton	Osage	.28	.93					.26		.26		.11		.24		.34		.62				.08		1.00		.46		.02									.20	1.50				T.	6.92	
Pomona [near]	Neosho	.10	1.33		.02	.04		.05				.13		.63								T.		.19													.30	.75		.69		T.	4.83	
Quenemo	Neosho		1.85																																									

DAILY PRECIPITATION FOR JUNE, 1935 - Continued

Stations	Drainage-Basins	Day of month																															Total						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
<i>Middle Division - Continued</i>																																							
Lindsborg |||	Smoky Hill	.59	.41	.09	T.	.15							.44																					.30	1.28	.68			4.11
Lyons	Arkansas	1.33	.10	.24	.05	.03	.14	.04					.28																					.27	1.35		1.54	.42	5.79
McPherson |||		.63	.11	.55	.02		.08				T.		.04						.06														.03	1.07	.88			3.47	
Marion	Neosho	.36	1.05										.22	.38	T.	.02	.02		.04													.07	1.30	.74		.22	4.41		
Medicine Lodge	Arkansas			.18	.04													.56				.02										.06	.96				1.86		
Medora |||		1.17	.34	.17	.05		.19	.03					.04		T.		T.	.14			T.											.77	2.55				5.45		
Minneapolis	Solomon	.51	.28	.20	.02	.19	.05					.04	.19					.01	.17	.06											.81	.25		.65		.37	3.80		
Mt. Hope	Arkansas	1.25	1.10	.01	.09	T.					T.		.15				.29	.11			T.	.06										.21	2.18	T.			5.45		
Newton |||		.70	.52		.03	.03	.10	.04					.04	.67	.01	T.	.03	.13														.02	.70		1.31	.02	.04	4.39	
Norwich				.25	T.		.01	.43		.14			.69	.07								.01										.63	.11	1.17		.03	5.16		
Phillipsburg |||	Solomon	1.12		.16		.04	.02				.02	.19	.08				.39	.70	.08	.10	.37				T.						.03	.11		.07		.51	3.90		
Plainville	Saline	2.41		.05		.03	T.					.06	T.				.05	.30	.02	.03												2.02	.22		.53		1.0	6.42	
Pratt	Arkansas	1.10		.12	.05		.32	T.	.05				.25				T.	1.85	.00		T.												.10	.41		1.38		4.83	
Russell	Smoky Hill	.81	.10	.14			T.						.27				T.	1.14	.03	T.																		3.62	
Salina	Smoky Hill	.15	.60	.18	.01	.15							.31	T.			T.	T.	.09	.07												.85	.88		.83		.78	5.04	
Sedgwick |||	Arkansas	.94	.02		.08	.05	.04						.08	.57		T.	T.	.15				.04										.66		1.12		.04		3.79	
Smith Center	Solomon			.08									.28	.55					2.25			.45												.20	.15			3.96	
Trousdale	Arkansas	.49	.05	.08	.09		.05						.07				.99	.39				.18											.48		.01		.03	2.97	
Wellington	Arkansas		.32	.12			.12	.36		.06			.70	.05	.37	.08	.08	1.16	.65														.26		2.15	.12	.08	6.68	
Wichita***	Arkansas	.51	.48	.01	.08	.03	.02	.06		T.			T.	.36	T.	T.	2.64	.05	T.	T.	.06	T.										1.22	.39		1.12	.18		7.21	
Winfield	Arkansas		T.	T.	T.	.06	T.	.77					.04	.32	.03		.85	1.08	T.	T.		.06	T.									T.	.32		.22		.20	4.35	
<i>Western Division</i>																																							
Ashland	Cimarron	.82	.08	.24	.02			.08										1.79			.21											.04						3.44	
Atwood	Republican		.18				T.						.25	.22				2.18			.12											.13				.09		3.19	
Bird City (near)			.02	.07		.02						.05	.30	.50				1.28	.73			.69											.21				.10	1.19	
Bucklin	Arkansas	.24	.11			.05												.90				.10											.23					2.88	
Cimarron	Arkansas											1.36	T.								T.												.44						
Colby	Republican	.01	T.	.18	.05								.65	.28				.05	1.17													1.26		T.	.18		.05	3.88	
Deerfield	Arkansas	T.		.15	.13	.06	T.			.03	.51							T.	.03													.24			T.		1.15		
Dodge City***	Arkansas			.13	.02	.02		T.				.11						T.	.26	.05		.02	.14									.50				.70		1.95	
Dresden	Republican	.11		.15	T.	.02						T.	.77	.10				1.10	1.14	.04		.17										T.	.15		.09	T.		3.82	
Elkhart	Cimarron													.21							T.												1.11		.01			1.33	
Garden City |||	Arkansas	.42			T.								.42						.04														.34					1.37	
Goodland |||	Republican			.11			.01				.01	1.18		.26				.05	.76			.03										.18		.24		.24		3.11	
Healy	Smoky Hill	.55		.15	.02								1.25					.18	.58													.41		.74	.10	.09		4.07	
Hill City	Solomon	.90		.15		.09	.04						T.	.24				1.05	2.05													T.	.24		.60		.10	5.38	
Hoxie		.32		.18			T.					T.	.26	.05				.36	.83													T.	.29		.44		T.	2.73	
Hugoton	Cimarron			.18	.23														.58														.40		.16		.32		1.26
Jetmore	Arkansas			.13														.04	.17		.12												.40				.03	1.21	
Johnson	Cimarron			T.	.09									.84				T.	1.06			T.	.29										.52	.07				2.87	
Kismet (near)				.20	.09		T.											1.53																	.03			1.95	
Lakin	Arkansas												.28						.48															.47				1.54	
Leoti	Smoky Hill			.19	.11								1.50					.02	.83														1.00			.07	1.12	4.60	
Liberal |||	Cimarron			.10	.10								.09						.80														.24	.08				1.49	
Minneola |||	Cimarron	T.		.15	T.	T.												.59				.07										T.	.50					1.81	
Ness City	Arkansas			.15	.07								.16						.62															1.08		1.31		.87	4.26
Norton (near)	Solomon	.47	.11	.17		.08					.12	.18	.05					.03	1.80	.02			.10									T.	.08		.10		.05	3.36	
Oakley	Saline	.03		.24	.07								.17	.34					.09	.61													.57		.10		.06	2.28	
Oberlin	Republican	.03		.16	.02									.24					1.35	2.09													T.	.19			.08	4.27	
Plains	Cimarron			T.	.21													1.20																.02		.01			1.54
Quinter |||	Smoky Hill	.49		.15	.07			T.						.38					.78	1.57													.62	.88		.35		.06	10.13
Richfield	Cimarron					.18													1.02	.13																			1.33
St. Francis	Republican		.05	.16			.02			.06			.54	.51				.33	.74				.14					.01	.18				.03	.07		.12		2.96	
Scott City	Smoky Hill	.13	T.	.12	.04		T.						1.58					.10	.52			T.											.80	.02	T.	.05	.24	3.60	
Scott City (near)		.70	.09										2.25						.83														.35					4.22	
Sharon Springs				.14								1.37							.92														1.05			.10		3.58	
Sublette	Cimarron	T.		.17	.07	T.							.07						.52															.12				1.28	
Syracuse	Arkansas		.01				T.					T.	.42						T.			T.											.60				T.	1.42	
Tribune |||	Smoky Hill																																						

DAILY TEMPERATURES FOR JUNE, 1935

Table with columns for Stations, 1-31, and Mean. Rows are grouped into Eastern Division and Middle Division, listing various locations like Atchison, Bazaar, Burlington, etc., with their daily temperature ranges and monthly means.

DAILY TEMPERATURES FOR JUNE, 1935 - Continued

Stations	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
<i>Middle Division--Continued</i>																																
Salina	82	81	79	74	85	67	65	80	91	93	89	88	85	90	87	84	81	77	83	80	75	85	89	97	91	85	87	83	88	88	83.6	
Wichita	82	72	75	65	79	68	68	76	90	93	84	84	79	85	80	77	80	80	76	86	74	79	83	91	88	83	85	82	84	83	80.2	
Winfield	61	60	59	55	58	51	46	54	66	70	67	65	68	69	69	65	60	57	65	61	56	62	69	65	60	68	62	68	69	69	62.2	
<i>Western Division</i>																																
Ashland	86	84	75	69	82	78	66	86	98	95	86	80	81	89	86	82	80	81	73	90	79	81	91	96	89	87	86	88	85	92	83.9	
Atwood	76	80	73	71	85	77	69	87	99	82	78	79	89	91	89	84	71	75	81	82	68	77	94	97	88	86	91	85	87	95	82.9	
Cimarron	45	47	47	51	45	50	41	51	62	62	58	58	61	66	65	60	57	57	64	51	50	59	71	61	58	64	62	64	62	56.7		
Colby	85	84	76	72	86	79	69	89	98	90	78	81	87	90	88	80	70	73	85	78	73	80	96	100	86	83	88	80	81	91	83.2	
Dodge City	48	49	46	50	52	49	44	49	52	62	57	55	60	65	63	58	53	51	57	54	50	49	56	69	67	56	64	59	60	60	55.2	
Dresden	82	80	74	71	86	78	70	87	101	94	76	84	92	92	90	85	76	75	83	79	72	84	94	102	83	87	93	81	91	91	84.4	
Garden City	51	54	49	52	51	53	40	50	62	58	48	40	48	58	56	52	49	61	52	50	49	68	60	62	61	64	62	64	62	64	54.6	
Goodland	85	89	79	74	86	80	71	86	104	101	92	84	88	95	82	73	81	82	87	89	88	100	102	96	86	91	88	94	100	87.7		
Healy	57	58	52	52	52	44	50	60	67	61	58	60	63	63	65	55	53	52	62	55	50	59	70	65	58	65	64	65	63	63	58.3	
Hill City	83	83	76	74	87	86	71	88	99	88	77	79	89	90	89	84	70	74	83	79	72	81	96	98	86	94	92	81	85	95	83.0	
Hoxie	44	55	45	49	53	46	43	49	59	59	58	53	59	63	60	58	54	50	51	62	51	49	53	70	59	56	62	59	61	63	55.1	
Johnson	87	89	80	81	83	82	87	87	103	101	82	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	89.25
Lakin	55	58	51	53	52	53	49	45	63	70	62	58	61	64	65	67	65	63	63	63	63	63	63	63	63	63	63	63	63	63	63	58.45
Leoti	82	79	83	75	87	82	67	83	96	89	72	85	86	91	90	84	76	76	80	79	86	81	90	99	84	86	87	85	86	90	83.9	
Liberal	57	58	52	53	50	50	43	50	61	51	57	61	62	65	67	62	58	56	51	52	58	49	57	60	62	61	64	62	64	62	57.4	
Norton	81	81	77	72	84	85	70	85	98	89	79	85	88	90	87	84	72	76	80	77	72	80	91	100	85	80	89	82	87	87	82.9	
Quinter	52	58	50	52	54	48	43	51	61	65	57	60	63	68	67	60	58	54	51	62	53	51	61	69	62	65	62	66	63	63	58.2	
Richfield	88	89	85	78	91	84	71	99	104	102	97	86	91	97	93	90	84	82	88	91	79	90	98	101	99	87	91	92	94	101	90.6	
St. Francis	57	57	53	52	51	54	46	51	62	68	63	57	62	65	61	66	63	57	65	55	54	60	72	69	56	62	63	67	65	65	59.3	
Sublette	86	86	77	70	89	79	71	88	100	100	90	80	90	95	90	84	78	82	87	90	79	87	98	97	98	99	84	85	90	91	96	87.4
Tribune	57	59	54	54	52	54	47	51	58	67	63	58	62	66	63	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	59.8
Wakeeney	85	83	84	72	87	71	69	85	101	95	90	78	86	90	86	78	72	75	82	81	77	84	96	100	88	80	88	83	85	93	84.1	
Wichita	50	50	50	50	53	53	46	49	61	61	60	56	62	63	62	61	54	54	52	63	52	49	59	72	62	58	66	61	66	63	57.3	
Wichita	86	87	76	70	85	64	67	87	100	99	99	83	86	96	90	79	84	90	94	81	90	99	101	90	88	90	93	94	97	97	87.8	
Wichita	61	60	54	54	52	56	46	50	59	68	70	61	62	67	67	68	60	55	61	66	53	56	64	72	70	62	63	61	70	78	61.6	
Wichita	80	82	73	72	83	66	66	88	95	86	79	83	87	91	87	78	71	74	81	77	70	81	79	98	84	86	87	84	87	80	81.2	
Wichita	55	57	50	50	47	47	39	48	61	58	55	61	60	65	61	69	57	52	60	61	49	50	57	69	69	62	62	62	65	64	56.2	
Wichita	81	79	83	75	89	86	59	66	81	97	89	80	88	88	85	74	71	75	78	78	71	80	92	98	77	81	86	79	81	80.2		
Wichita	55	59	51	51	53	51	44	51	59	67	58	61	60	65	66	59	53	54	53	61	52	52	61	69	57	61	64	61	64	61	61	61.6
Wichita	90	90	81	72	91	83	69	98	98	93	96	101	99	91	97	76	82	95	93	92	91	99	101	99	101	92	93	94	99	99	90.9	
Wichita	56	58	54	51	51	53	41	51	55	58	63	58	59	64	65	60	55	54	57	63	54	52	61	71	69	59	61	61	63	65	58.0	
Wichita	78	77	74	72	85	60	74	89	101	85	76	80	91	92	92	86	70	74	85	83	74	83	96	97	84	85	95	91	97	97	83.7	
Wichita	47	50	44	47	49	45	42	49	63	61	60	57	54	59	63	62	56	55	51	62	50	50	54	69	59	58	61	57	65	63	55.1	
Wichita	81	83	80	68	84	70	66	83	103	96	84	82	87	91	85	74	72	78	82	80	71	84	95	99	93	83	39	85	87	95	83.7	
Wichita	54	57	50	51	52	49	45	51	61	67	61	56	61	64	68	61	54	52	54	61	52	50	59	71	64	49	67	60	67	63	57.6	
Wichita	83	84	72	66	82	67	66	84	99	99	85	82	86	94	87	85	78	82	82	90	78	87	98	101	88	93	99	95	92	97	86.0	
Wichita	59	58	54	53	51	55	45	51	61	68	63	60	61	65	66	67	56	51	55	63	56	51	60	71	69	58	65	66	64	59.6		
Wichita	82	82	76	70	86	73	70	91	99	96	82	76	88	90	90	81	74	77	84	86	76	89	88	100	85	82	89	87	91	94	84.8	
Wichita	47	54	49	50	51	49	45	47	54	62	58	54	60	62	59	59	51	49	49	63	52	49	51	69	62	54	63	57	60	59	54.9	
Wichita	80	82	73	71	85	68	65	80	95	90	81	80	82	87	83	75	72	74	76	79	70	79	90	97	79	81	83	80	82	86	80.2	
Wichita	52	58	50	51	53	50	42	49	61	68	57	58	60	64	65	60	56	56	57	61	52	50	60	66	57	60	64	59	65	61	57.4	

a, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from record. Temperatures given in this table are in each instance for the 24-hour period ending about sunset, except as otherwise stated. Regular Weather Bureau station; temperatures are for 24-hour period extending from midnight to midnight. Records of daily temperatures are also kept at the following stations: Centralia, Columbus, Eskridge,

Continued from Page One.

The following table gives a comparison of the more important overflows of this month with previous great floods:

Station	Flood stage	Republican River		High mark this month	Date
		Previous record, Year	Year		
Guide Rock	11	16.8	1915	24.0	1
Scandia	10	14.2	1915	18.2	2
Concordia	8	15.0	1915	17.05	2
Clay Center	12	....	....	25.74	3
Kansas River					
Ogden	18	{ 31.0	1903	27.96	3
		{ 23.3	1915		
Manhattan	17	{ 27.9	1903	27.95	4
		{ 24.8	1908		
Wamego	16	{ 26.27	1903	23.79	4
		{ 23.01	1908		
Topeka	21	{ 32.7	1903	27.6	5
		{ 28.0	1908		
Lawrence	18	{ 27.0	1903	22.1	6
		{ 23.8	1908		
Bonner Springs	21	....	....	23.05	6
Solomon River					
Beloit	18	33.6	1919	34.50	3
Niles	24	34.3	1903	29.55	....
Marais des Cygnes River					
Quenemo	30	38.37	1928	38.7	3
Ottawa	24	37.6	1928	32.0	3
LaCygnes	21	29.29	1928	27.2	4
Lower Neosho River					
Chanute	20	29.6	1926	24.5	1
Parsons	22	27.53	1928	27.44	1
Oswego	17	25.4	1927	25.02	2

The Republican flood the first three days of the month, the worst in the State, moved very rapidly and swept away nearly all bridges and many small buildings in its path. Total area covered by it was estimated at 125 square miles and the damage, exclusive of that to railroads, was estimated at \$2,451,600, of which almost a million dollars was to highways, bridges, and buildings. A second and smaller overflow of the Republican on the 19-21st caused little additional damage.

In addition to this loss along the Republican, the sudden arrival of the crest in Cheyenne County and the unprecedented height of the flood there caused the death of four persons at the opening of the month and a property loss of \$258,000 in addition to a great loss to highways, bridges, and buildings, which was not estimated.

The crest of the Republican connected very closely with the crest of a rather serious overflow of the Blue at Manhattan and resulted in a stage at that place that slightly exceeded the great overflow of 1903. This crest tended to flatten out as it moved down the Kansas Valley. It approximated the 1908 highwater marks at Wamego and Topeka and fell below them at Lawrence and points farther down. Total damage in the Kansas River Valley, exclusive of that to railroads, was estimated at \$1,332,100, the largest single loss being to prospective crops, 112,500 acres being flooded. This loss would probably have been twice as great had not timely warnings made it possible to hold the dyke system at Topeka, preventing serious flooding of any part of the City. Damage to railroads in the Kansas Basin exceeded half a million dollars.

The Solomon River overflowed three times at Beloit, reaching the record breaking crest on the 3d and lesser crests on the 19th and 29th. Two overflows occurred at Niles. Total damage along this stream was placed at \$477,875.

The Smoky Hill overflowed four times at Lindsborg, reaching crests on the 5th, 16th, 21st, and 30th. At Salina it overflowed slightly on the 23d and at Enterprise on the 8-10th. Total damage was estimated at \$263,500.

The record breaking overflow of the Marais des Cygnes at Quenemo on the 3d was followed by serious overflows at and below Ottawa. Damage was estimated at \$541,600, more than half of which was to prospective crops.

The comparatively small overflow of the Neosho at and above Iola occurred from the 2d to the 4th. At Chanute the river overflowed twice, with crests on the 1st and 17th. Near Parsons crests occurred on the 1st and 17-18th. At Oswego the Neosho overflowed three times, reaching crests on the 2d, 3d, and 18th. Total damage along the Neosho was placed at \$512,150, most of which occurred the opening days of the month.

Minor overflows along the Cottonwood River caused a loss of \$101,000. The flood along the Big Blue River, which came largely from heavy rains along the Little Blue, occurred the first three days of the month, with damage estimated at \$95,600.

In the Arkansas Valley flood conditions the latter part of May continued into the opening days of June. At Hutchinson a crest of 8.9 feet, 1.9 above bankful, occurred June 2-3d and the crest at Wichita, at about the same time, was 9.8 feet, or 0.8 above bankful. Extensive flooding on the west bank extended from Hutchinson to below Maize. Some flooding occurred near Derby and Mulvane, also. At Arkansas City flooding of lowlands continued until after June 6, with a crest of 17.6 feet, 2.6 above bankful, on the 5th. In the Walnut Valley flooding continued for several days, with a crest of 29.5 feet at Winfield on the 3d. Damage in the Arkansas Basin, while small compared with that in other drainage basins of the State, was not estimated.

The Verdigris at Independence reached a crest of 39.5 feet on the 1st and another crest of 39.1 on the 17th. Bankful stage at that place is 30 feet. In Montgomery County the loss was estimated at \$163,000 of which \$100,000 was to matured crops, mostly wheat.

TOTAL PRECIPITATION, JUNE, 1935

Cheyenne	Rawlins	Decatur	Norton	Phillips	Smith	Jewell	Republic	Washington	Marshall	Nemaha	Brown	Doniphan		
3.99		4.27	3.36	3.90	3.96	6.28	3.10	7.03	7.02	7.41	7.93	8.20		
Sherman	Thomas	Sheridan	Graham	Rooks	Osborne	Mitchell	Cloud	Clay	Riley	Pottawatomie	Jackson	Atchison		
3.11	3.88	2.73	5.38	6.42	5.58	8.39	7.53	4.42	4.53	6.80	5.74	3.24		
Wallace	Logan	Gove	Trego	Ellis	Russell	Lincoln	Ottawa	Geary	Wakarusa	Cherokee	Shawnee	Woods		
3.58	2.28	10.13	7.16	4.12	3.62	6.62	3.80	6.79	6.58	4.56	5.05	7.25		
Greeley	Wichita	Scott	Lane	Ness	Rush	Barton	Ellsworth	Dickinson	Morris	Lyon	Osage	Douglas	Johnson	
2.20		3.60	4.07	4.26	4.86	5.94	5.84	6.82	8.20	6.15	6.00	6.60	6.76	
Hamilton	Kearny	Finney	Hodgeman	Pawnee	Stafford	Reno	Rice	McPherson	Marion	Chase	Coffey	Franklin	Miami	
1.42	1.54	1.37	1.21	5.89	6.45	6.70	5.43	3.47	4.41	5.70	7.16	6.05	6.76	
Stanton	Grant	Baskell	Gray	Ford	Edwards	Pratt	Kingman	Harvey	Sedgwick	Butler	Greenwood	Woodson	Allen	
2.87	3.07	1.28	2.88	1.95	2.97	4.83	5.16	4.39	7.21	4.93	6.68	8.55	7.50	
Morton	Stevens	Seward	Meade	Clark	Kiowa	Barber	Harper	Sumner	Cowley	Elk	Chautauqua	Montgomery	Labette	
1.33	1.26	1.49	1.54	1.31	3.63	4.83	2.75	6.68	4.35	10.35	9.30	9.45	17.08	
					Comanche	Comanche	Comanche	Comanche	Comanche	Comanche	Comanche	Comanche	Comanche	Comanche
					2.11	1.86	2.75	6.68	4.35	9.30	9.45	17.08	13.25	