CLIMATOLOGICAL DATA FOR MAY, 1913.

DISTRICT NO. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Moderate temperatures prevailed throughout the month, except that from the 25th to 30th maximum temperatures were above the normal, generally. The precipitation was generally light and scattered, and there were no well-defined rainy periods. There was no rain of consequence over the eastern portion of the district during the last eight days of the month. Snow, ranging from a trace to 14 inches, occurred over the mountainous portions of the Colorado and New Mexico areas.

The following table summarizes the chief features of meteorological interest in the various portions of the district:

States and portions of States lying within district No. 7.	Mean temperature.	Departure from the normal.	Mean precipitation.	Departure from the normal.	Greatest precipitation in 24 hours.	Mean snowfall.	Number of days— With 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
Colorado	59.6	+3.1	0.83	−0.98	1.23	0.3	5	16	12	3	sw.
New Mexico	61.4	+1.4	0.69	−1.36	1.40	0	4	16	12	3	sw.
Texas	70.4	+2.7	3.00	−1.07	3.80	0	5	19	7	5	s.
Kansas	67.9	+3.0	2.67	−1.36	3.80	0	7	16	10	5	s.
Oklahoma	70.4	+2.8	3.50	−2.17	4.01	0	6	17	9	5	s.
Missouri	66.9	+1.4	2.12	−2.94	2.95	0	6	17	8	6	s.
Tennessee	68.5	−0.1	2.49	−1.77	3.58	0	6	17	4	10	s.
Arkansas	69.3	+0.1	3.32	−2.07	2.70	0	7	16	10	5	sw.
Mississippi	70.5	−1.2	3.18	−1.06	2.80	0	7	19	7	5	s.
Louisiana	72.6	−1.2	4.95	+0.62	4.90	0	7	18	7	6	s.

TEMPERATURE.

Mean temperatures were from 0.1° to 5.5° above the normal, except over Louisiana, southern Arkansas, the Mississippi area, and the western portion of the Tennessee area, where there was a deficiency of 0.3° to 4.2°. Minimum temperatures were below freezing, and maximum readings were above 95° at one or more stations in each State or part of State within the district. The highest temperature recorded, 106°, occurred at Anthony and Hutchinson, Kans., and the lowest, 10°, occurred at Elizabethtown, N. Mex. A maximum temperature of 104° occurred at Jefferson, Okla.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—Less than the normal amount of precipitation occurred throughout this drainage area, except at a few stations in eastern Kansas and northeastern Oklahoma. Over the headwaters of the Arkansas River in Colorado the average from 36 stations was 0.85 inch, about 1 inch below the normal. The average from 42 stations in those parts of the Arkansas Valley proper that lie in Kansas and Oklahoma was 2.93 inches, about 1.6 inches below the normal. Over the headwaters of the Canadian River in New Mexico the average from 40 stations was 0.75 inch, about 1.2 inches below the normal. In those parts of the Canadian Valley that lie in Texas and Oklahoma the average from 31 stations was 2.91 inches, about 2.4 inches below the normal. The average from 20 stations in the Cimarron Valley was 1.60 inches, about 2 inches below the normal. Over the Verdigris Valley the average from 10 stations was 3.95 inches, about 1.4 inches below the normal, and over the Neosho Valley the average from 17 stations was 4.69 inches, about 1 inch below the normal. Below the Oklahoma-Arkansas line the average from 15 stations in the Arkansas Valley proper was 3.40 inches, about 2.2 inches below the normal.

Red River and tributaries.—The precipitation was below the normal over this drainage area, except at a few stations in its lower reaches. In those portions of the Red River Valley that lie in New Mexico, Texas, and Oklahoma, the average from 48 stations was 3.13 inches, about 1.4 inches below the normal. Below the Texas-Arkansas line the average from 20 stations was 4.37 inches, about 0.7 inch below the normal.

Mississippi River south of St. Louis and small tributaries.—The precipitation was deficient over this drainage area except at a few scattered stations. In the immediate Mississippi Valley the average from 40 stations was 2.33 inches, about 2.2 inches below the normal. The average from 23 stations in the Valley of the White was 2.18 inches, about 3.2 inches below the normal. Over the Yazoo Valley the average from 23 stations was 2.95 inches, about 1.5 inches below the normal. The average for the Valley of the Big Black was 4.62 inches, about 0.2 inch above the normal. The amounts from 16 stations in the Ouachita Valley averaged 4.85 inches, about 0.2 inch below the normal.

Louisiana Coastal Plain.—The precipitation was unevenly distributed over this drainage area, the average from 37 stations being 5.17 inches, about 0.9 inch above the normal.

RIVERS.

River stages in Oklahoma continued below the normal. In Kansas there was more water in the rivers than for some time previous, but no flood stages occurred.

No high stages occurred in the lower reaches of the Arkansas River, and at Little Rock there was sufficient water for navigation during the greater part of the month.

Stages in the upper reaches of the White River were relatively low. The lower White River was at a high stage at the opening of the month, but after that there was a steady fall.

No material changes occurred in the stages of the Red and Ouachita Rivers.

The Mississippi River fell steadily and flood water had receded from all overflowed lands by the close of the month.

TABLE 1.—*Climatological data for May, 1913. District No. 7, Lower Mississippi Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	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.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Colorado.																				
Buena Vista	Chaffee	7,955	13	49.1	+ 5.0	75	23†	19	15	44a	0.05	− 0.59	0.05	T.	1	19a	7a	4a	nw.	C. A. Short.
Calhan	El Paso	6,700	6																	H. B. Rice.
Canon City	Fremont	5,343	25	61.9	+ 2.7	91	29	36	4	42	1.18	− 0.61	0.73	0	6	24	5	2	ne.	U. S. Weather Bureau.
Colorado Springs	El Paso	6,098	33	55.0	+ 1.0	81	25	23	6	42	1.31	− 1.04	0.53	0	14	15	11	5	n.	Colorado College.
Cripple Creek	Teller	9,396	12								0.13	− 1.85	0.06	2.0	4					F. G. Willis.
Cuchara Camps	Huerfano	8,200	4								1.55		0.45	0.5	7	24	6	1	sw.	George A. Mayes.
Eads	Kiowa	4,209	6	64.0		95	29	40	6†	36	1.20		0.60	0	4	23	6	2	w.	Mrs. Mattie A. Kerr.
Fairview	Custer	9,500	4								1.82		1.12	2.0	4	19	9	3	e.	Elizabeth L. Grey.
Fremont Exper. Sta.	El Paso	8,850	3	45.4		71	25	22	3†	31	1.80		0.77	5.3	12	8	15	8	w.	U. S. Forest Service.
Garfield	Chaffee	9,510	3								0.27		0.10	T.	7	23	5	3	w.	Lloyd N. Felton.
Hamps	Elbert	5,400	20	56.2	+ 2.6	86	29	28	4	42	0.87	− 1.09	0.65	0	5	15	11	5	se.	W. Hamp.
Hermit Lake	Custer	10,000	3								0.98		0.40	9.0	4	22	8	1	sw.	John E. Graham.
Hoehne (near)	Las Animas	5,700	21	61.8	+ 4.7	89	29	29	4	51	0.43	− 1.37	0.23	0	6	18	10	3	w.	S. W. De Busk.
Holly	Prowers	3,380	18	67.4	+ 6.6	96	24†	35	15	44	0.76	− 0.98	0.41	0	4	29	1	1	sw.	Holly Sugar Co.
La Junta	Otero										1.63		0.67	0	7	15	16	0	s.	S. H. Miller.
Lake Moraine	El Paso	10,265	19	43.0	+ 2.8	66	31	16	4	32	1.95	− 1.20	1.14	14.0	10	4	19	8	sw.	Clyde C. McReynolds.
Lamar	Prowers	3,592	23	68.0	+ 4.9	99	29	38	2	47	0.68	− 1.15	0.30	0	3	27	4	0	sw.	J. T. Lawless.
Las Animas	Bent	3,899	45	64.2	+ 2.3	95	29	33	14	45	1.00	− 0.92	0.36	0	7	8a	18a	4a	sw.	American Beet Sugar Co.
La Veta Pass	Costilla	9,000	3								0.29		0.11	0	3	16	14	1	w.	Clara M. Wright.
Leadville	Lake	10,248	17	42.4	+ 2.6	69	26†	14	3	40	0.20	− 0.93	0.12	1.9	4	9	17	5	w.	U. S. Weather Bureau.
Limon (near)	Elbert	5,360	6	56.5		88	29	28	4	43	0.92		0.60	0	4	17	11	3	s.	F. L. Palmer.
Madrid	Las Animas	6,361	3								0.67		0.17	0	8					Thomas Sawers.
Marshall Pass	Saguache	10,846	10								0.47	− 0.46	0.17	2.0	3	9	16	6		W. L. Williams.
Maxey	Baca										1.15		0.50	0	3	19	9	3	sw.	L. H. Alberti.
Monument	El Paso	7,200	2																	U. S. Forest Service.
North Lake	Las Animas	8,700	21								1.13	− 1.00	0.61	T.	4	27	3	1	nw.	James W. Ingmire.
Pueblo	Pueblo	4,734	25	62.4	+ 2.9	91	29	30	4	40	1.43	− 0.25	1.23	0	5	12	18	1	nw.	U. S. Weather Bureau.
Rocky Ford (near)	Otero	4,177	24	64.0	+ 3.6	93	29	33	4	42	0.42	− 1.40	0.22	0	2	22	9	0	e.	P. K. Blinn.
St. Elmo	Chaffee	9,500	4								0.70		0.34	T.	6	17	8	6	sw.	Daniel Clark.
Salida	do	7,035	14	53.4	+ 1.6	82	26	20	4	47	0.15	− 0.77	0.08	0	3	24	6	1	w.	M. D. L. Buell.
Sheridan Lake	Kiowa	4,065	11																	Howard Gamble.
Stonewall	Las Animas	8,000	7								0.76		0.40	1.5	4	12	12	7	w.	G. A. Storz.
Trinidad	do	5,994	17	60.0	+ 1.7	84	29	31	4	41	1.19	− 0.53	0.37	0	9	3	22	6	sw.	Walter Dearden.
Two Buttes	Baca	4,100	2	66.4		94	29	37	15	41	0.95		0.41	0	6	19	12	0	sw.	N. G. Jones.
Two Buttes Reservoir	do	4,250									0.96		0.38	0	4	14	16	1	s.	Walter J. Krohne.
Victor	Teller	10,100	9	46.1		70	25	23	3†	35	1.19		0.58	6.0	5	11	17	3	w.	Fred Jones.
Vilas	Baca	3,935	22								0.50	− 1.65	0.35	0	3	4	25	2	sw.	David Konkel.
Westcliffe	Custer	7,864	19	50.0	+ 1.1	80	26	19	3†	55	0.55	− 0.91	0.51	0	3	11	14	6	sw.	U. S. Forest Service.
Winfield	Chaffee	9,765	3								0.05		0.05	1.0	1	5	24	2	w.	John G. Payne.
Woodman Sanatorium	El Paso		2	55.8		82	25†	31	3	37	0.99		0.33	0	11	14	15	2	se.	Woodman Sanatorium.
Wortman	Lake	11,250	12																	Mrs. Lillie Wortman.
Yoder	El Paso		2								0.32		0.18	0	4	19	9	3	sw.	J. E. Bingham.
New Mexico.																				
Abbott	Mora	5,771	4								0.35		0.18	0	2	22	8	1	s.	Agent E. P. & S. W. R. R.
Albert	Union	4,700	23	66.4	+ 2.0	91	29	39	7	40	0.53	− 1.47	0.24	0	3	13	18	0	w.	Martin De Smet.
Aurora	Colfax	8,849	4								1.56		0.54	0	8	0	28	3	sw.	Miss J. Lucero.
Bell Ranch	San Miguel	4,500	14	66.8		95	29	40	16	48	0.53	− 1.37	0.30	0	3	15	15	1	w.	C. M. O'Donel.
Black Lake	Colfax	8,348	4								0.48		0.17	0	5	7	14	0	w.	Ralph T. Martinez.
Cabeza	San Miguel	5,406	4								0.50		0.38	0	3	23	6	2	sw.	Agent E. P. & S. W. R. R.
Campana	do	4,493	4	68.0		96	25†	40	6	48	0.40		0.40	0	2	21	10	0	sw.	Do.
Chacon	Mora	9,000	4								0.90		0.42	0	3	11	19	1	w.	Alfred Lucero.
Cimarron (near)	Colfax	6,385	9	58.2		85	24	30	2	47	0.95		0.25	0	9	13	14	4	s.	Capt. William French.
Clayton	Union	5,178	8	62.8		90	30	36	16	44	1.24		0.66	0	4	10	21	0	sw.	Dr. N. E. Charleton.
Clovis	Curry	4,129	2																	John H. Barry.
Cuervo	Guadalupe	4,849	4	69.2		93	24†	48	4	36	0.51		0.31	0	2	14	6	11	sw.	Agent E. P. & S. W. R. R.
Dawson	Colfax	6,396	4	58.8		86	12†	24	3	48	0.46		0.16	0	6	18	11	2	s.	Do.
Elizabethtown	do	8,465	8	45.6		77	24†	10	9†	52	0.45		0.25	0	3	15	15	1	w.	Miss M. Carrington.
Folsom	Union	6,399	13	59.2	+ 3.8	85	24†	29	15	47	0.46	− 2.02	0.18	0	5	15	15	1	sw.	David Rope.
Fort Union	Mora	6,835	53	54.2	− 2.3	83	30	25	3†	47	0.45	− 1.18	0.20	0	3	28	3	0	sw.	M. C. Needham.
Hayden	Union	4,444	3	65.5		90	19†	39	15	45	1.49		0.40	0	7	14	14	3	s.	J. A. Bauer.
Hoosier Ranch	Mora		2								0.55		0.22	0	3	19	12	0	sw.	W. H. Guthman.
Johnson's Park	Colfax	6,722	4	56.0		80	24†	30	4†	43	1.88		0.70	0	9	10	20	1	sw.	A. J. Meloche, jr.
Johnson's Ranch	Mora	5,784	1								0.48		0.19	0	4	27	4	0	nw.	J. W. Johnson.
Kappus	Quay	4,010	2								1.40		1.40	0	2					Louis O'Brien.
Lake Alice	Colfax	7,160	4								0.60		0.30	0	3					Jesse Rickman.
Logan	Quay	3,851	7	67.8		97	25	38	16†	56	1.25		1.16	0	2	26	5	0	sw.	John B. Reneau.
Lykins (near)	Roosevelt	5,000	3								0.00		0.00	0	0	25	6	0	sw.	J. G. Buchanan.
Maxwell (near)	Colfax	5,894	6								0.53		0.23	0	4					Dan N. Jackson.
Melrose	Curry	4,400	5								0.25		0.25	0	1					Dr. B. M. Porter.
Miami Ranch	Colfax	6,000	5	58.8		87	24	26	2	50	0.61		0.36	0	3	15	16	0	s.	Farmers Development Co.
Mills (near)	Mora	5,985	2								0.44		0.13	0	5	13	5	13	sw.	J. E. La Rue.
Montoya	Quay	4,335	4								0.25		0.25	0	1	18	5	8	sw.	Agent E. P. & S. W. R. R.
Mount Dora (near)	Union	5,600	2																	Edwd. F. Grygla.
Nara Visa	Quay	4,225	7	66.8		93	25	43	15	40	1.80		0.45	0	7	19	9	3	s.	Willard Belknap.
Palo Verde	Mora	5,880	2								0.61		0.34	0	4	7	24	0	se.	G. R. Abernathy.
Pasemonte	Union		4								1.00		0.37	0	4	11	20	0	w.	J. J. Heringa.
Pleasant View	Mora		2								0.22		0.20	0	2	21	10	0		R. W. Boulware.
Portales	Roosevelt	4,004	3	69.4		97	24	45	15	43	0.91		0.90	0	2					Portales Irrigation Co.
Raton	Colfax	6,660	15	57.6	+ 0.7	84	25	32	15	39	0.71	− 1.11	0.40	0	4	14	11	6	nw.	S. A. Wiseman.
Rociada	San Miguel	8,200	9																	John P. Condon.
Rosebud	Union	4,500	2								1.39		0.89	T.	3					H. A. Nachtrieb.
Roy	Mora	5,884	4	63.4		92	29	38	15	40	0.90		0.25	0	5	3	26	2	sw.	Agent E. P. & S. W. R. R.
Roy (near)	do	5,880	2								0.50		0.30	0	3	16	15	0	sw.	Baum Bros.
St. Vrain (near)	Curry	4,300									0.33		0.33	0	1					S. A. Dow.
San Jon	Quay	4,200	6	68.0		94	29	38	5	42	1.01		0.37	0	4	21	8	2	sw.	Jesse T. White.
Solano	Mora	5,622	4								0.25		0.16	0	3	21	10	0	sw.	F. M. Hughes.
Springer	Colfax	5,857	21	61.9	+ 2.8	98	23	28	16	55	0.70	− 0.99	0.30	0	4	21	10	0	w.	Agent A. T. & S. F. R. R.
Taylor	do	5,661	4	61.2		91	28	30	1†	45	0.40		0.36	0	2	10	7	14	s.	Agent E. P. & S. W. R. R.
Texico (near)	Roosevelt	4,038									0.30		0.30	0	1					A. L. King.
Trementina	San Miguel	5,000	5																	Miss Alice Blake.
Tucumcari	Quay	4,194	8	69.3		96	26†	42	15	40	1.21		0.79	0	4	17	6	8	sw.	John F. Seaman.
Valley	Union	5,000	8																	Miss M. L. Payne.
Vance (near)	do		2								0.61		0.28	0	5	21	8	2	sw.	C. E. Anderson.
Vermejo Park	Colfax	7,600	8	51.6		82	29	23	5	48	0.51		0.30	0	3	14	9	8	nw.	H. W. Adams.
Wagon Mound (near)	Mora	6,300	4	57.2		85	28†	21	4	50	0.66		0.20	0	6	12	15	4	sw.	Guy L. Barnes.

TABLE 1.—*Climatological data for May, 1913. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Texas.																				
Amarillo	Potter	3,676	21	68.2	+ 3.9	94	29	44	15	39	1.41	− 2.26	0.67	0	7	26	4	1	s.	U. S. Weather Bureau.
Archer City	Archer		2								4.05		3.25	0	4	26	3	2	se.	Charles H. Thuman.
Arthur City	Lamar	590	21								9.41	+ 3.53	3.80	0	6	16	3	12		J. F. Humphreys.
Bonham	Fannin	566	9	73.0		97	31	51	5	37	4.74		2.10	0	5	17	2	12	sw.	H. M. Norman.
Canadian	Hemphill	2,339	6	70.8		100	29	33	4	40	2.82		2.02	0	8	18	9	4	s.	R. M. Hibbard.
Childress	Childress	1,869	20								1.59	− 1.41	1.04	0	2	18	10	3	s.	George Baker.
Chillicothe	Hardeman	1,406	5								1.11		1.00	0	4					C. W. Underwood.
Clarendon	Donley	2,719	8	71.2		103	25	46	7	47	1.48		0.50	0	7	15	11	5	se.	Whitfield Carhart.
Clarksville	Red River	442	13	72.4	+ 0.3	94	31	51	7†	32	4.97	− 1.81	1.90	0	5	18	9	4		J. W. O'Neill.
Claude	Armstrong	3,397	10								2.10	− 0.23	1.20	0	3					Ft. W. & D. C. Ry.
Dalhart	Dallam	3,998	8	63.8		93	28†	42	15	38	2.35		1.20	0	5	20	0	11	sw.	W. D. Griggs.
Denison	Grayson		13								4.52	− 0.30	1.80	0	6	15	2	14	s.	E. B. Wilson.
Finley	Bowie		3								3.15		1.00	0	4	21	0	10	s.	Robert L. Smith.
Henrietta	Clay	915	21	73.0	+ 1.8	99	28	48	7†	40	3.65	− 0.83	3.45	0	3	16	13	2	s.	C. K. Brown.
Jefferson	Marion										3.21		1.20	0	6	20	2	9	sw.	J. C. Kistenmacher.
Memphis	Hall	2,067	8			99	31				2.13		1.00	0	4	22	2	7	sw.	Ft. W. & D. C. Ry.
Miami	Roberts	2,743	10	72.0		101	28†	46	16†	46	1.69	− 0.69	0.45	0	7	23	8	0	s.	J. E. Kinney.
Ochiltree	Ochiltree		5								2.44		1.42	0	4					S. J. Allen.
Panhandle	Carson	3,450	4								2.90		1.00	0	4	18	6	7		J. Sid O'Keefe.
Paris	Lamar	592	24	71.6	+ 0.5	95	31	50	7	32	6.60	+ 1.40	2.47	0	6	16	8	7	s.	Robert A. Miller.
Plemons	Hutchinson		6	68.7		97	29	41	22	43	1.87		0.72	0	7	21	8	2	s.	C. S. Solomon.
Quanah	Hardeman	1,563	11	75.3	+ 5.4	100	17†	50	7†	42	1.00	− 2.40	0.60	0	2	24	0	7	s.	William H. Crawford.
Ringo Crossing	Hopkins		3								3.40		1.40	0	5	19	3	9	s.	J. F. White.
Romero	Hartley	4,056	3	66.5		93	28†	40	7†	45	0.67		0.50	0	2	13	17	1	se.	R. S. Chamberlain.
Sherman	Grayson	745	20	72.4	+ 0.9	93	31	51	7	28	4.06	− 0.96	2.07	0	6	19	4	8	s.	R. A. Gibbs.
Stratford	Sherman	3,699	1	66.8		96	28†	37	15	44	1.50		1.07	0	7	7	23	1	s.	J. W. Elliott.
Tulia	Swisher	3,501	15	69.8	+ 4.1	100	25	45	5†	43	0.84	− 3.37	0.37	0	6	21	9	1	se.	Lou Mulhall.
Wellington	Collingsworth		1								1.62		0.64	0	5					J. D. Camp.
Wichita Falls	Wichita	958	21																	J. C. Mytinger.
Winfield	Titus		3								5.82		3.25	0	5	18	13	0	sw.	J. B. Newberry.
Kansas.																				
Alden	Rice	1,684	3	67.7		103	29	40	6	39	1.91		0.60	0	10	18	8	5	s.	Geo. Klady.
Anthony	Harper	1,329	16	70.0		106	29	41	7	44	0.50	− 4.36	0.18	0	6	15	12	4	se.	R. H. Beebe.
Ashland	Clark	1,951	25	70.2	+ 4.7	104	29	43	7†	46	0.69	− 2.52	0.22	0	6	17	13	1	se.	C. W. Carson.
Burlington	Coffey	1,010	20	67.4	+ 1.7	102	30†	42	23	38	4.91	− 0.09	2.26	0	5	8	19	4	s.	O. E. Sanford.
Chanute	Neosho	940	9	67.8		96	31	45	23	37	3.26		2.04	0	4	10	19	2	s.	C. W. Brown.
Cimarron	Gray	2,700	1	68.1		99	29	34	22	39	0.63		0.39	0	4	19	5	4	sw.	C. C. Isely.
Coffeyville	Montgomery	747	3	69.0		96	30†	46	7†	40	4.91		2.23	0	10	15	13	3	s.	A. F. Briggs.
Coldwater	Comanche	2,090	16	69.2	+ 4.5	101	29	41	15	38	1.65	− 1.62	0.68	0	6	21	10	0	s.	J. L. Stanley.
Columbus	Cherokee	898	23	67.6	+ 1.7	92	29†	42	7	32	3.58	− 2.48	0.99	0	9	15	13	3	sw.	O. E. Skinner.
Coolidge	Hamilton	3,348	16	66.4	+ 3.8	102	29	33	16	55	0.38	− 1.74	0.38	0	1	14	16	1	sw.	W. R. Padley.
Cottonwood Falls	Chase	1,234	9	67.4		100	29	40	7†	38	4.37		1.98	0	7	18[a]	8[a]	4[a]	s.	E. B. Greene.
Council Grove	Morris	1,234	4	67.3		101	29†	42	6	35	4.40		1.97	0	9	9	15	7	s.	J. P. Blackledge.
Cunningham	Kingman	1,680	29	66.6	+ 1.8	102	29	39	23	42	2.62	− 0.91	1.07	0	5	16	12	3	se.	W. H. Morton.
Dodge City	Ford	2,513	39	67.3	+ 3.8	98	29	39	15	36	0.81	− 2.53	0.57	0	11	14	12	5	se.	U. S. Weather Bureau.
Eldorado	Butler	1,291	11	67.8		101	29	39	7†	37	1.32		0.63	0	6	19	9	3	s.	W. Y. Miller.
Ellinwood	Barton	1,790	38	68.2	+ 4.3	104	29	40	6†	41	2.64	− 0.76	1.16	0	9	9	17	5	se.	Martin Musil.
Emporia	Lyon	1,138	32	66.3	+ 1.7	100	29	44	23	37	7.45	+ 2.33	2.92	0	10	17	8	6	s.	W. H. Boyles.
Eureka	Greenwood	1,079	17	67.8		101	29†	40	6†	37	3.02	− 2.54	1.35	0	7	18	10	3	s.	Mrs. T. C. Peffer.
Fall River	do	925	17																	J. McDaniel.
Fargo	Seward		3								1.01		0.36	0	4	20	11	0	s.	N. B. Swink.
Fredonia	Wilson	975	10	67.5		95	30†	42	23	30	3.84		1.58	0	9	18	8	5	s.	B. W. Holmes.
Garden City	Finney	2,836	24	67.6	+ 4.2	104	29	38	6	42	1.42	− 0.90	1.20	0	3	9	19	3	s.	B. F. Stocks.
Greensburg	Kiowa	2,235	6	68.4		101	29	41	5†	42	1.13		0.67	0	3	20[d]	2[d]	5[d]	se.	C. C. Raymond.
Grenola	Elk	1,116	25	67.4	+ 2.0	99	29	40	23†	39	2.39	− 2.56	1.94	0	6	13	15	3	sw.	W. H. Lawyer.
Howard	do	1,112	6	67.7		99	29†	42	23†	37	3.14		1.80	0	7	20	3	8	s.	J. W. Eby.
Hugoton	Stevens		9	68.0		98	28	40	5†	42	1.07		0.55	0	7	14	16	1	s.	E. R. Kimzey.
Hutchinson	Reno	1,535	23	68.0	+ 3.5	106	29	42	22	44	3.54	− 0.40	1.15	0	8				s.	Sheridan Ploughe.
Independence	Montgomery	800	39	68.2	+ 0.7	94	31	43	7	32	7.10	+ 2.27	2.81	0	13	16	10	5	s.	F. L. Kenoyer.
Iola	Allen	984	7	67.0	+ 2.5	98	31	44	7	34	3.35	− 1.70	1.65	0	9	14	14	3	s.	U. S. Weather Bureau.
Irene	Hamilton	3,440	3	66.6		100	29	35	9	50	0.47		0.20	0	4	8	11	12	sw.	N. M. Herbig.
Jetmore	Hodgeman	2,268	12																	James Aikin.
Kingman	Kingman	1,504	5	68.4		103	29	42	6†	39	5.18		1.55	0	8	16	13	2	sw.	B. B. Anawalt.
La Crosse	Rush	2,061	11	67.8	+ 5.4	104	29	35	6	50	1.54	− 1.82	0.70	0	8	16	12	3	se.	Rodney Torrey.
Lakin	Kearny	2,993	23	67.0	+ 4.0	104	29	34	6	48	0.10	− 1.61	0.10	0	1	14	17	0	s.	C. H. Longstreth.
Larned	Pawnee	2,090	28	69.0		104	29	40	6†	44	0.94	− 2.28	0.23	0	8	16	11	4	se.	H. H. Wolcott.
Lebo	Coffey	1,138	27	67.2	+ 2.3	102	29	43	23	34	6.54	+ 1.05	3.10	0	8	18	5	8	s.	J. J. Bowman.
Le Roy	do	990	4								4.78		2.20	0	6	13	2	16	s.	F. W. Schmitt.
Liberal	Seward	2,843	6	68.7		98	29†	42	15	39	1.20		0.35	0	7	21	3	7	se.	Dr. R. T. Nichols.
Macksville	Stafford	2,032	24	66.9	+ 4.2	103	29	36	6†	47	0.99	− 2.14	0.48	0	7	15	11	5	se.	Mrs. Nelia Poling.
McPherson	McPherson	1,495	24	67.6	+ 3.5	105	29	39	6	42	2.28	− 2.15	0.62	0	9	18	1	12	sw.	Ed. F. Haberlein.
Madison	Greenwood	1,074	12	66.4	+ 2.1	102	29†	38	7	42	4.43	− 1.62	1.63	0	7	6[a]	20[a]	4[a]	se.	C. A. David.
Marion	Marion	1,310	20	68.6	+ 3.9	103	29	41	23	37	5.03	+ 0.15	2.75	0	8	14	15	2	s.	Jerry Forney.
Medicine Lodge	Barber	1,259	20	69.0	+ 3.8	104	29	41	23	47	3.09	− 1.34	1.84	0	6	21	7	3	s.	S. P. Garrison.
Minneola	Clark	2,558	1								0.78		0.42	0	5	21	6	4	sw.	A. P. Reece.
Mount Hope	Sedgwick	1,410	16								2.99	− 0.73	1.12	0	6	19	7	5	s.	H. N. Renfrew.
Neosho Rapids	Lyon	1,092	8								8.57		3.80	0	8	18	4	9	sw.	W. H. KcMullin.
Ness City	Ness	2,260	20								4.35	+ 1.50	3.00	0	4					J. K. Barnd.
Newton	Harvey	1,454	16	68.3	+ 3.5	103	29†	41	23	40	5.27	+ 0.29	1.85	0	8	14	13	4	s.	H. A. Brush.
Norwich	Kingman	1,496	17	69.4	+ 4.0	104	29	43	23	40	1.63	− 3.14	0.81	0	8	21	6	4	s.	N. I. Farris.
Oswego	Labette	899	19	67.4	+ 0.8	92	31	42	7†	32	4.50	− 0.83	2.42	0	10	14	14	3	sw.	Jas. M. Currigan.
Pittsburg	Crawford	934									3.30		0.95	0	6	12	14	5		A. L. Scott.
Plains	Meade	2,766	3	67.9		99	29	42	6	42	1.12		0.50	0	3	20	10	1		E. J. Henning.
Pratt	Pratt	1,950	18	68.6	+ 3.5	102	29	34	23	45	1.29	− 2.31	0.70	0	5	19	11	1	s.	T. J. Arnold.
Richfield	Morton		2	67.0	+ 2.3	99	29	36	15	45	0.69	− 1.53	0.40	0	4					M. J. Allen.
Rome	Sumner	1,218	27	68.6	+ 3.1	103	29	38	23	49	2.25	− 2.71	0.91	0	5	14	9	8	s.	D. M. Adams.
Sedan	Chautauqua	834	28	68.1	+ 2.0	96	30	40	7	34	5.02	− 0.08	1.42	0	9	16	10	5	s.	A. Y. Buckles.
Toronto	Woodson	1,040	16	68.0	+ 2.9	105	31	40	23	41	2.87	− 2.67	2.55	0	3	26	1	4	s.	M. A. Webb.
Ulysses	Grant	3,050	22	68.4[a]	+ 5.5	100[e]	29	35[i]	5	42	0.18	− 2.00	0.18	0	1	17[c]	9[c]	2[c]	sw.	T. W. Marshall.
Walnut	Crawford	940	11	67.0	+ 1.5	96	31	41	8	42	4.93	− 0.92	2.02	0	6	22	7	2	sw.	R. C. Harlan.
Wellington	Sumner	1,225	17	69.0	+ 3.2	103	29	40	23	40	1.75	− 2.55	0.81	0	4	20	5	6	s.	E. O. G. Kelly.
Wichita	Sedgwick	1,377	26	67.9	+ 2.0	100	29	46	23	33	0.97	− 3.98	0.58	0	8	21	6	4	s.	U. S. Weather Bureau.
Winfield	Cowley	1,124	19																	M. B. Light.
Yates Center	Woodson	1,068	34	66.9	+ 3.1	102	30	38	23	43	2.76	− 2.59	2.14	0	6	15[b]	12[b]	2[b]	s.	J. W. Tipton.

TABLE 1.—*Climatological data for May, 1913. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Oklahoma.																				
Ada	Pontotoc	1,001	5	69.0	.....	95	31	45	7	31	4.73	.....	2.01	0	8	18	17	6	s.	H. P. Sugg.
Altus	Jackson	1,410	....	73.0	.....	99	29	47	7	40	1.53	.....	0.77	0	5	19	5	7	se.	U. S. Weather Bureau.
Alva	Woods	1,350	8	70.7	.....	103	29†	41	7	40	3.55	.....	1.25	0	4	12	19	0	s.	S. A. Stech.
Apache	Caddo	1,255	3	70.2	.....	98	31	42	7	42	2.35	.....	1.62	0	5	23	4	4	sw.	G. D. Teeter.
Arapaho	Custer	1,575	19	70.8	+ 2.4	99	....	46	....	44	4.27	− 1.10	2.45	0	5	27[a]	2[a]	1[a]	s.	J. C. Brower.
Ardmore	Carter	872	11	72.0	+ 3.0	100	31	47	7	37	4.13	− 1.83	2.10	0	7	20	4	7	se.	H. T. Nisbett.
Bartlesville	Washington	687	5	71.2	.....	98	30	48	7	33	4.53	.....	1.69	0	11	13	10	8	.....	Dr. A. P. Owens.
Beaver	Beaver	2,500	16	70.7	+ 4.6	104	29†	41	3	39	1.83	− 0.88	0.78	0	5	26	1	4	s.	W. C. Frazer.
Cache	Comanche	1,350	7	67.1	.....	94	17†	40	5	44	2.69	.....	1.64	0	4	20	6	5	s.	Mrs. Frank Rush.
Calvin	Hughes	713	8	.....	.....	....	....	....	....	....	3.73	.....	1.20	0	8	20	0	11	s.	Thomas Purcell.
Chandler	Lincoln	865	11	70.2	+ 2.4	97	31	48	24†	38	3.55	− 4.93	1.75	0	4	12	2	17	s.	Chas. L. Kern.
Chattanooga	Comanche	1,150	7	69.0	.....	94	30†	45	7	36	7.14	.....	2.10	0	7	13	11	7	s.	Squire Humble.
Chickasha	Grady	1,091	11	69.8	+ 0.9	98	....	45	....	38	2.70	− 4.04	1.70	0	14	20[a]	2[a]	8[a]	s.	Anna W. O'Neil.
Cleveland	Pawnee	800	11	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	Chas. C. Breed.
Cloud Chief	Washita	1,400	11	71.8	+ 4.3	100	30	41	6	44	1.83	− 3.83	0.81	0	4	17	11	3	se.	J. P. Stutzman.
Crawford	Roger Mills	.....	....	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	W. W. Blackburn.
Durant	Bryan	643	11	70.6	+ 1.7	97	31	48	24	37	4.99	− 1.03	2.44	0	7	20	6	5	s.	Nelson Houk.
Eldorado	Jackson	1,456	6	74.3	.....	102	....	45	....	41	0.49	.....	0.49	0	1	18[a]	11[a]	1[a]	se.	T. W. Lanham.
Elk City	Beckham	.....	1	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	R. J. Carlile.
El Reno	Canadian	1,400	21	72.5	+ 5.2	101	....	45	....	38[a]	1.56	− 3.60	1.01	0	4	20[a]	5[a]	5[a]	s.	Rose E. Walker.
Enid	Garfield	1,269	11	69.7	+ 3.8	102	31	43	7	41	1.54	− 4.18	0.67	0	6	17	11	3	s.	Uri B. Worcester.
Erick	Beckham	2,058	8	72.0[g]	.....	102	....	45	....	52	2.05	.....	0.80	0	4	15	8	1	s.	A. W. Hanes.
Eufaula	McIntosh	566	....	69.6	.....	93	31	42	7	35	3.75	.....	1.50	0	7	19	4	8	s.	R. Uhl Brown.
Fairland	Ottawa	839	13	69.3	+ 2.9	95	31	42	7	37	4.49	− 1.16	1.59	0	8	15	12	4	s.	C. W. Prier.
Fort Gibson	Muskogee	556	8	.....	.....	....	....	....	....	....	5.18	.....	1.07	0	10	16	3	12	s.	John T. Welsh.
Frederick	Tillman	1,293	6	73.1	.....	102	17	48	7	39	2.44	.....	1.09	0	4	18	10	3	se.	B. B. Bradley.
Geary	Blaine	1,546	1	71.1	.....	99	30†	44	7	42	2.13	.....	1.50	0	4	21	6	4	s.	O. P. Ruth.
Goodwell	Texas	3,300	2	68.7	.....	97	29	40	15	45	1.32	.....	0.90	0	5	20	6	5	s.	S. W. Black.
Guthrie	Logan	1,000	20	71.6	+ 2.2	98	28†	44	7	35	4.80	− 1.27	2.40	0	6	23	4	4	s.	S. E. Snyder.
Guymon	Texas	3,133	3	.....	.....	....	....	....	....	....	1.36	.....	0.50	0	5	5	26	0	n.	A. L. Mordt.
Hartshorne	Pittsburg	700	14	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	Frank Webber.
Healdton	Carter	900	19	70.0	+ 0.4	95	31	42	7	41	4.19	− 2.14	1.95	0	5	20	9	2	se.	C. H. Heald.
Helena	Alfalfa	1,396	5	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	J. G. McCall.
Hennessey	Kingfisher	1,166	18	72.6	+ 4.8	102	31	46	23	40	4.09	− 1.07	1.97	0	4	18	11	2	s.	Mrs. M. C. Parks.
Hobart	Kiowa	1,396	10	72.9	.....	101	31	42	7	42	1.26	.....	0.60	0	5	19	11	1	s.	J. M. Pate.
Holdenville	Hughes	900	12	68.8	+ 1.1	96	31	45	7	34	3.71	− 4.00	1.00	0	9	20	8	3	s.	Eula Rutherford.
Hooker	Texas	3,038	7	67.9	.....	100	28†	41	15†	40	1.55	.....	0.81	0	5	11	3	17	s.	H. N. Kelly.
Hugo	Choctaw	.....	....	71.0	.....	91	29†	50	6	35	8.41	.....	3.63	0	8[a]	24	3	4	n.	G. C. Montgomery.
Hurley	Cimarron	4,200	5	66.5	.....	97	29	37	15	46	0.08	.....	0.06	0	2	4	19	8	sw.	Dr. C. W. Meyers.
Idabel	McCurtain	474	4	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	M. L. Henderson.
Jefferson	Grant	1,062	19	68.8	+ 1.7	104	29	40	7	42	2.64	− 2.35	1.44	0	4	22	6	3	s.	T. E. Beck.
Kenton	Cimarron	4,000	12	65.5	+ 3.8	94	28†	36	15	42	0.66	− 1.82	0.26	0	6	11	19	1	se.	Wm. H. Guy.
Kingfisher	Kingfisher	1,046	16	71.6	+ 3.8	100	30†	42	7	39	3.02	− 3.00	2.20	0	9	18	12	1	s.	J. C. Cross.
Lawton	Comanche	1,111	....	72.2	.....	98	17†	46	7	38	4.93	.....	2.53	0	7	20	4	7	se.	Frank M. Head.
Lawtonka Lake	do	.....	....	.....	.....	....	....	....	....	....	3.22	.....	1.80	0	4	....	....	....	.....	W. F. Stuart.
McAlester	Pittsburg	698	16	70.8	.....	95	31	45	7	32	6.25	− 0.65	2.27	0	7	15	5	11	s.	William Noble.
Mangum	Greer	1,585	20	71.6	+ 1.8	101	25†	45	7	43	0.91	− 3.18	0.40	0	5	20	3	8	se.	F. D. Dodson.
Marlow	Stephens	1,292	12	70.5	+ 2.9	95	30†	48	7	34	3.90	− 2.66	2.40	0	3	23	5	3	s.	William B. Anthony.
May	Harper	.....	19	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	G. C. Gray.
Meeker	Lincoln	1,030	14	70.6	+ 2.6	100	31	42	15	43	4.20	− 1.93	2.90	0	6	21	6	4	s.	Dr. J. H. Baugh.
Muskogee (1)	Muskogee	.....	....	68.8	.....	96	31	46	7	33	5.41	.....	1.98	0	12	14	10	7	s.	U. S. Weather Bureau.
Muskogee (2)	do	614	14	70.2	+ 2.7	94	31	45	7	31	5.31	− 0.98	2.05	0	10	21	3	7	se.	J. Harry Randall.
Mutual	Woodward	.....	5	70.4	.....	102	30†	42	7	45	2.33	.....	0.95	0	5	22	4	5	s.	Thomas Martin.
Neola	Caddo	1,500	7	70.2	.....	98	31	44	7	46	1.77	.....	1.05	0	4	18	11	2	se.	R. N. Schooling.
Newkirk	Kay	1,149	15	71.6	+ 4.7	103	29†	47	7†	39	4.95	− 1.21	3.30	0	4	17	11	3	s.	P. H. Albright & Co.
Norman	Cleveland	1,171	18	69.8	+ 0.7	97	31	45	7	38	4.36	− 1.97	2.50	0	7	16	12	3	s.	S. E. Boyd.
North Muskogee	Muskogee	.....	....	.....	.....	....	....	....	....	....	4.31	.....	1.00	0	10	10	8	13	s.	J. E. Walker.
Oakwood	Dewey	1,854	3	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	
Okeene	Blaine	1,194	8	70.7	.....	102	....	41	....	36[b]	1.67	.....	0.62	0	7	23	6	2	s.	Dr. L. H. Murdoch.
Okemah	Okfuskee	.....	1	70.1	.....	95	31	45	6	30	5.60	.....	1.85	0	7	19	1	11	s.	S. F. Smith.
Oklahoma	Oklahoma	1,247	23	69.3	+ 1.2	95	31	47	7	32	3.88	− 1.87	2.20	0	8	16	10	5	s.	U. S. Weather Bureau.
Okmulgee	Okmulgee	752	8	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	J. L. Maynard.
Pauls Valley	Garvin	880	12	70.0	+ 2.5	98	31	41	7	41	6.81	− 0.64	2.58	0	5	26	3	2	s.	A. M. Foss.
Pawhuska	Osage	918	12	70.8	+ 3.5	98	29†	43	7	36	4.97	− 1.75	4.01	0	6	20	10	1	s.	R. C. Block.
Perry	Noble	920	14	72.2	+ 5.5	99	29†	44	7	38	4.08	− 2.45	4.00	0	2	15	16	0	s.	S. E. Laird.
Rankin	Roger Mills	2,200	9	69.3	.....	99	31	44	6†	44	1.27	.....	0.48	0	7	18	12	1	sw.	Roy Kagay.
Ravia	Johnston	796	10	70.6	.....	96	31	46	7	35	4.05	.....	2.32	0	3	21	3	7	s.	R. G. Guptill.
Sac and Fox Agency	Lincoln	900	19	71.0[g]	+ 3.5	97	....	44	....	....	4.08	− 1.65	2.40	0	7	10	9	4	.....	Thomas P. Myers.
Shawnee	Pottawatomie	1,041	11	69.4	+ 2.3	95	31	47	7	33	4.24	− 2.17	1.99	0	8	9	21	1	se.	Mrs. Kate Chatman.
Snyder	Kiowa	1,356	6	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	Dr. W. C. Woodard.
Stillwater	Payne	880	20	70.1	+ 2.8	100	31	45	7	36	3.31	− 2.74	2.52	0	6	21	6	4	s.	Will P. Watson.
Talequah	Cherokee	790	....	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	G. P. Hardy.
Tulsa	Tulsa	700	24	69.4	.....	95	31	47	7	30	7.36	+ 1.21	2.88	0	10	19	10	2	s.	Dr. H. M. Hutchinson.
Vinita	Craig	698	9	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	Insane Hospital.
Wagoner	Wagoner	588	16	69.8	+ 1.3	95	31	42	7	34	5.43	− 1.01	2.60	0	6	18	7	6	s.	Moro Hatfield.
Waukomis	Garfield	1,258	16	69.4	+ 2.2	103	29	43	7	39	3.84	− 1.16	2.00	0	6	19	12	0	se.	R. C. Shades.
Waurika	Jefferson	988	2	72.1	.....	97	29†	47	7	38	3.02	.....	2.75	0	4	20	7	4	s.	B. A. Swindler.
Weatherford	Custer	1,639	11	70.8	+ 4.3	100	30†	42	7	40	1.42	− 4.27	0.88	0	6	14	12	5	s.	Eugene Forbes.
Webbers Falls	Muskogee	479	14	71.6	+ 3.5	100	31	44	7	38	3.85	− 2.76	2.10	0	6	5	23	3	w.	B. D. Boulineau.
Whiteagle	Kay	945	9	70.8	.....	102	31	47	7†	37	3.65	.....	3.58	0	3	17	10	4	s.	John F. De Jarnette.
Woodward	Woodward	1,900	10	70.0	.....	101	29†	30	6	....	2.08	.....	0.83	0	6	16	13	2	s.	Fred A. Baird.
Wyandotte	Ottawa	.....	....	.....	.....	....	....	....	....	....	4.32	.....	1.10	0	6	17	1	13	s.	Henry Hicks.
Missouri.																				
Belle	Maries	.....	22	66.4	+ 1.3	98	31	40	11†	42	1.90	− 3.38	1.60	0	2	8[d]	15[d]	4[d]	s.	A. J. Wofford.
Birchtree	Shannon	1,200	20	66.0[d]	+ 0.7	95	31	40	15	45	0.63	− 3.70	0.35	0	3	18[b]	7[b]	4[b]	s.	V. H. Kirkendall.
Cape Girardeau	Cape Girardeau	346	9	.....	.....	....	....	....	....	....	2.09	.....	0.70	0	6	19	4	8	s.	D. L. Albert.
Cardwell	Dunklin	.....	2	69.6	.....	96	31	44	12	40	1.29	.....	0.41	0	5	21	10	0	s.	E. M. Perry.
Caruthersville	Pemiscot	.....	22	69.8	+ 1.0	101	31	46	12	38	0.91	− 3.21	0.40	0	3	23	2	6	se.	H. E. Averill.
Cassville	Barry	.....	3	64.9	.....	91	31	36	24	41	3.26	.....	0.95	0	4	28	3	0	s.	Mrs. Zuma Bloomer.
Dean	McDonald	.....	15	65.6	− 0.7	90	29	36	7	39	6.00	− 0.11	2.95	0	12	17[d]	4[d]	6[d]	.....	H. E. Dean.
Doniphan	Ripley	440	10	67.7	+ 1.1	97	31	42	8†	42	1.03	− 3.00	0.37	0	7	17	6	8	sw.	W. W. Martin.
Fruit City	Reynolds	.....	....	.....	.....	....	....	....	....	....	.....	.....	.....	.....	....	....	....	....	.....	R. C. Walton.
Gano	Dent	.....	10	67.4	+ 1.6	97	31	41	24	40	1.57	− 2.82	0.46	0	6	15	11	5	s.	A. C. Leech.
Goodland	Iron	900	9	64.2	.....	95	31	36	7	45	1.35	.....	0.59	0	5	15	10	6	s.	F. M. Adams.
Hollister	Taney	1,000	4	66.7	.....	92	31	38	7	42	3.20	.....	0.80	0	7	21	0	10	sw.	W. P. Chapmann.
Ironton	Iron	925	36	64.6	0	97	31	35	8	45	2.13	− 2.80	0.67	0	8	11	9	11	s.	W. H. Delano.
Jackson	Cape Girardeau	458	23	67.3	+ 1.9	98	31	41	24	38	1.95	− 2.33	0.82	0	6	13	8	10	s.	L. M. Bean.

TABLE 1.—*Climatological data for May, 1913. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Missouri—Continued.																				
Joplin	Jasper	979	36	69.4	+ 2.3	96	30	44	7	32	3.45	− 2.02	1.20	0	7	21	8	2	s.	Joplin High School.
Koshkonong	Oregon	911	13	70.0	+ 3.6	94	31	44	7†	32	1.23	− 3.52	0.55	0	4	13	12	6	se.	J. W. Hitt.
Lamar	Barton	964	34	68.3	+ 2.6	97	31	41	7	36	2.34	− 3.36	0.58	0	7	19	8	4	s.	E. H. Adams.
Marble Hill	Bollinger	420	22	66.1	+ 0.2	96	31	40	12	40	2.45	− 1.93	0.95	0	3	17	11	3	s.	A. F. Hendrix.
Mountaingrove	Wright	1,490	15	66.0	+ 1.8	96	30	39	24	36	1.15	− 3.35	0.74	0	5	11	13	7	s.	Mo. Fruit Exp. Sta.
Mount Vernon	Lawrence	1,480	34	67.4	+ 1.4	96	31	39	23	36	1.31	− 4.41	1.31	0	1	27	0	4	sw.	J. R. White & Son.
Neosho	Newton	1,023	31	67.2	+ 1.0	93	31	39	7†	39	4.52	− 1.65	2.10	0	11	23	5	3	se.	W. O. Buck.
New Madrid	New Madrid	285	20								1.58	− 2.88	0.80	0	7	18	3	10	se.	Miss Josie Smith.
Oakfield	Franklin	793	22	67.2	+ 1.2	96	31	39	10	36	0.97	− 4.43	0.54	0	6	7	14	10	se.	E. E. Steines.
Rolla	Phelps	1,130	33	66.1	+ 1.9	98	31	42	10	36	1.30	− 3.80	0.48	0	8	20	5	6	s.	Prof. P. J. Wilkins.
Springfield	Greene	1,350	26	66.3	+ 1.6	90	31	46	23	28	2.38	− 3.17	1.30	0	10	21	7	3	s.	U. S. Weather Bureau.
Kentucky.																				
Blandville	Ballard	445	32	67.4	+ 0.9	93	31	47	11	32	0.65	− 3.88	0.26	0.0	5	11	11	9	sw.	E. W. Horr.
Tennessee.																				
Arlington	Shelby		31	68.6	− 0.1	94	31	45	12	36	2.92	− 1.32	1.60	0	5	16	6	9	s.	A. Thomas B. Etheridge.
Bolivar	Hardeman	450	30	68.4	+ 0.5	95	31	46	12	37	2.20	− 1.68	0.61	0	5	22	0	9	s.	Miss Mary A. Smith.
Brownsville	Haywood	361	31	69.4	+ 0.8	97	31	48	12	37	4.00	+ 0.08	3.58	0	7	19	0	12	nw.	Miss Hattie N. Moses.
Covington	Tipton	311	30	68.6	− 0.5	94	31	50	1†	31	1.88	− 2.46	1.15	0	6	19	0	12	s.	James S. Ruffin.
Dyersburg	Dyer	310	30	68.4	− 0.2	94	31	48	12	36	3.35	− 0.80	1.65	0	5	21	0	10	se.	Miss Martha A. Sinclair.
Jackson	Madison	450	23	68.8	+ 0.1	97	31	43	1	43	3.19	− 0.93	1.20	0	7	15	11	5	n.	Shelby A. Robert.
Kenton	Obion	325	11	66.5	− 1.7	93	31	37	7	36	2.17	− 2.10	1.00	0	5	17	6	8	s.	George S. Martin.
Memphis	Shelby	409	42	70.0	− 0.7	91	31	51	12	25	2.97	− 1.37	2.51	0	5	15	5	11	sw.	U. S. Weather Bureau.
Milan	Gibson	440	31	68.0	0.0	92	30	46	1	42	1.63	− 2.75	0.42	0	6	14	4	13	s.	Orlando F. Cantwell.
Trenton	do	345	33	67.6	+ 0.3	94	31	46	1†	37	1.57	− 2.37	1.06	0	3	20	4	7	sw.	F. L. Dennison.
Union City	Obion	360	18	68.8	+ 0.8	100	31	45	12	40	1.49	− 3.44	0.35	0	8	14	9	8	s.	J. R. Oliver.
Arkansas.																				
Alicia	Lawrence		8	68.2		95	31	43	12	40	2.27		1.10	0	7	23	6	2	s.	McCullough & Guelck.
Amity	Clark	250	21	70.2	− 0.1	95	31	49	24	35	4.19	− 2.38	2.00	0	5	17	7	7	sw.	J. W. Campbell.
Arkansas City	Desha	145	28								4.15	+ 0.66	1.40	0	4					W. C. Blundell.
Batesville	Independence	271	13								1.06		0.32	0	10					Lelia I. Teter.
Bee Branch	Van Buren		20	69.6	+ 0.9	97	31	43	8	40	1.25	− 3.80	0.50	0	3	18	7	6		J. E. Scanlan.
Bentonville	Benton	1,303	8	66.9	+ 0.5	91	31	41	7	32	2.86	− 2.36	1.45	0	14	16	10	5	s.	U. S. Weather Bureau.
Bergman	Boone	1,324	15	67.9	+ 3.7	96	31	39	7	42	2.19	− 3.60	1.20	0	3	21	5	5	ne.	John T. Maxey.
Black Rock	Lawrence	259	9								1.09		0.55	0	8					S. J. Howe.
Brinkley	Monroe	226	30	69.6	− 0.3	95	31	45	12†	39	4.01	− 0.81	1.86	0	5	17	3	11	s.	H. L. D. Whitson.
Calico Rock	Izard	361	9								0.30		0.20	0	2					W. H. Stoner.
Camden	Ouachita	158	28	70.2	− 1.5	95	31	46	24	40	4.78	+ 0.17	1.50	0	11					R. H. Quarterman.
Centerpoint	Howard	470	13	70.8	− 0.1	92	17†	50	7†	31	6.55	− 2.23	2.60	0	8	16	7	8	se.	J. M. Huddleston.
Clarendon	Monroe	171	9								2.74		1.35	0	5					Mrs. B. E. Bishop.
Conway	Faulkner	309	30	69.6	0.0	95	31	45	8	35	2.65	− 2.72	0.76	0	8	19	8	4	se.	G. H. Burr.
Corning	Clay	293	20								0.87	− 3.72	0.50	0	8	10	12	9	s.	Jacob Brobst.
Dardanelle	Yell	330	27	68.6		92	31	47	8	35	3.96	− 1.75	1.03	0	9					A. Bernard.
Dodd City	Marion	1,175	32	68.1	+ 0.5	95	31	36	7	44	2.63	− 3.24	2.20	0	3	19	7	5	sw.	Neal Dodd.
Dumas	Desha		2								3.10		1.68	0	5	23	7	1		Lawrence Waterman.
Dutton	Madison		11	63.4[d]	− 0.7			35	7†		3.04	− 4.02	1.40	0	5	16	9	6	s.	J. M. Ricketts.
Eldorado	Union	265	9	69.4		92	31	46	24	33	5.06		1.35	0	8					Jeff. J. Babb.
England	Lonoke		6	70.6		94	31	48	8	37[e]	3.55		2.50	0	6					J. C. Chenault.
Eureka Springs	Carroll	1,465	12	69.3	+ 2.9	96	30	41	7†	45	4.48	− 2.20	2.18	0	6	11	17	3	sw.	George W. Nichoalds.
Fayetteville	Washington	1,451	26	67.6	+ 1.1	93	31	42	7†	37	4.40	− 1.86	1.75	0	8	12	18	1	sw.	University of Arkansas.
Fordyce	Dallas		3	69.6		91	31	44	24	34	3.86		1.92	0	6	13	12	6	n.	J. B. Atkinson.
Fort Smith	Sebastian	481	31	70.4	+ 0.7	95	31	49	7	29	2.99	− 1.92	0.74	0	11	14	8	9	e.	U. S. Weather Bureau.
Fraziers Turnpike	Pulaski		2																	R. E. Brown.
Fulton	Hempstead	264	26								4.62	− 0.21	2.40	0	5					B. C. Logan.
Georgetown	White	200	1								1.98		1.84	0	4					Wm. N. Harris.
Hardy	Sharp	643	15	68.0	+ 1.6	98	30†	41	7	41	1.21	− 5.07	0.43	0	11	9	9	13	sw.	C. A. Caywood.
Helena	Phillips	182	41								1.83	− 2.82	1.06	0	6					J. B. McLeod.
Hot Springs	Garland	600	22	71.0	+ 2.0	94	31	44	9	43	5.84	− 0.49	2.70	0	6	26	3	2	sw.	Army and Navy Gen. Hosp.
Huttig	Union	85	6	70.1		95	31	47	12	41	6.45		1.62	0	9	13	15	3		C. A. Berry.
Jonesboro	Craighead	345	18	69.7	− 1.4	99	31	43	12	41	0.80	− 3.53	0.45	0	3	11	18	2	s.	Benedictine Sisters.
Junction	Union		20	70.6	− 1.2	96	31	47	24	38	5.37	+ 1.73	1.08	0	8	18	4	9	sw.	J. A. Lowderback.
Lake Farm	Jefferson	195	6	71.2		95	31	49	23	36	3.48		1.20	0	6					G. L. Spellman.
Lewisville	Lafayette	262	10	71.3		94	31	50	24	38	5.70		2.00	0	9					F. W. Youmans.
Little Rock	Pulaski	357	34	70.0	− 0.4	91	31	52	7	26	2.34	− 2.76	0.81	0	10	18	7	6	s.	U. S. Weather Bureau.
Lutherville	Johnson	775	14	67.4	− 0.1	91	31	42	8	37	5.07	− 1.05	1.27	0	11	15	13	3	sw.	W. R. Hentschel.
Malvern	Hot Springs	277	29	70.2	− 2.7	94	31	46	8	37	2.90	− 2.73	1.00	0	10					Miss L. C. Smith.
Mammoth Spring	Fulton	512	8	68.8		99	31	40	7†	44	1.27		0.70	0	6	10	19	2		F. Wallick.
Marked Tree	Poinsett	229	8																	Chapman & Dewey Lumber Co.
Mena	Polk	1,100	26	68.6	− 1.2	90	31	49	8	27				0		16	6	9	sw.	R. R. St. John.
Newport	Jackson	231	30	70.3	+ 0.2	98	31	45	8	39	1.30	− 2.95	0.60	0	6					Chas. Sprigg.
Pine Bluff	Jefferson	215	28	69.8	− 2.2	93	31	47	24	36	2.64	− 2.16	0.82	0	8					J. H. Hudson.
Pocahontas	Randolph		21	70.6	+ 2.2	97	31	46	7	39[f]	0.90	− 4.14	0.37	0	3	14	11	6		Benedictine Sisters.
Pond	Benton	1,250	16	66.8	+ 1.3	90	31	38	7	33	4.30	− 2.26	2.42	0	12	9	19	3	sw.	A. F. Stevens.
Portland	Ashley	122	5	72.2		96	31	48	24	38	4.69		1.85	0	6					T. A. Corson.
Prescott	Nevada	327	29	69.8	− 1.5	93	31	48	24	36	5.95	+ 0.81	2.50	0	9					Mrs. G. Cummings.
Rogers	Benton	1,385	22	67.0	+ 0.7	90	31	40	24	34	3.39	− 2.83	1.10	0	5	17	7	7	s.	Carl A. Starck.
Springbank	Miller	182	5								3.84		2.26	0	6					G. Field.
Stuttgart	Arkansas	495	26	69.2	− 1.0	94	31	48	24	33	4.20	− 0.67	2.52	0	6	18	9	4	s.	H. A. Buerkle.
Subiaco	Logan	1,050	16	69.0	− 0.6	93	31	45	8	36	5.22	− 1.86	1.37	0	8	23	3	5	se.	New Subiaco Abbey.
Swain	Newton	2,300	3								3.51		0.93	0	6					George Paxton.
Texarkana	Miller	332	30	72.1	+ 0.6	95	31	49	24	38	3.81	− 0.13	1.82	0	11					D. E. Moore.
Warren	Bradley	304	18	70.6	− 1.1	95	31	46	24	37	3.39	− 0.94	0.72	0	5					W. J. Savage.
Whitecliffs	Little River	206	9								7.30		2.33	0	9					F. B. Lane.
Wiggs	Garland		19	67.6	− 1.7	92	31	40	8	39	4.92	− 1.30	1.46	0	9	14	14	3	sw.	S. D. Jester.
Wynne	Cross	250	5	69.5		94	30	45	8†	37	2.79		1.56	0	5					John Seals.
Mississippi.																				
Anguilla	Sharkey	107	5	71.4		93	31	47	24	34	3.50		1.00	0	8	17	10	4	ne.	E. W. Cook.
Austin	Tunica	200	17	69.6	− 1.5	92	31	46	24	33	2.33	− 1.96	1.50	0	7	21	5	5	sw.	H. J. Irvine.
Batesville	Panola	230	26	69.2	− 1.1	93	31	48	12	37	2.83	− 1.29	1.25	0	7	21	4	6	sw.	J. M. Cox.
Big Creek	Calhoun		2	70.2		93	31	47	1	41	2.02		1.52	0	6	19	7	5	s.	J. P. Havens.
Canton	Madison	228	23	71.0	− 1.0	93	31	50	24	36	3.20	− 0.54	1.26	0	8	18	8	5	se.	Dr. G. W. Smith-Vaniz.
Charleston	Tallahatchie		3	70.6		92	31	48	1†	36	3.07		1.13	0	6	23	4	4	s.	W. B. Burke.
Clarksdale	Coahoma	177	6	70.4		94	31	48	24	34	3.34		1.27	0	9	17	2	12	s.	A. C. Tuttle.
Cleveland	Bolivar	160	1																	W. W. Boone.

TABLE 1.—*Climatological data for May, 1913. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Mississippi—Contd.																				
Coffeeville	Yalobusha	241	4								3.65		1.34	0	9	14	13	4	s.	C. K. Bailey.
Corinth	Alcorn	470	25	69.8	+ 1.0	98	31	47	12	38	2.63	− 1.20	1.60	0	6	19	1	11	se.	M. A. Candler.
Crenshaw	Panola	187	4																	Rodgers Woollard.
Duck Hill	Montgomery		14	70.2	− 0.3	94	31	48	24	39	2.14	− 2.10	1.30	0	5	13	14	4	s.	W. H. Eskridge.
Edwards	Hinds	222	26	72.6	− 1.1	93	31	52[b]	1†	36[b]	5.15	+ 0.92	2.80	0	9	20	10	1	s.	E. F. Farr.
Fayette	Jefferson	270	12	70.2	− 2.5	90	19	46	24	36	3.41	− 0.67	1.82	0	8	17	13	1	sw.	T. L. Darden.
Greenville	Washington	126	26	71.6	− 0.4	94	31	50	24	33	2.66	− 1.30	1.25	0	7	24	0	7	sw.	M. G. Harbison.
Greenwood	Leflore	140	13	71.0	− 0.8	97	31	49	24	37	2.82	− 3.65	1.00	0	7	22	2	7	se.	J. H. Stephen.
Grenada	Grenada	124	4								3.75		1.25	0	4					W. F. Hallam.
Hernando	De Soto	391	25	69.2	− 0.9	93	31	46	12	34	2.78	− 2.00	1.60	0	6	19	7	5	s.	W. F. Wood.
Hickory Flat	Benton	435	4								3.23		1.10	0	6	23	5	3	n.	H. Powell.
Holly Springs	Marshall	600	26	68.6	− 1.5	91	31	48	12	28	3.37	− 0.63	1.93	0	7	18	1	12	se.	L. B. Mosby.
Kosciusko	Attala	430	23	70.2	− 0.6	94	31	50	1†	35	5.29	+ 1.80	2.34	0	7	23	5	3	ne.	E. L. Lucas.
Malone	Marshall		4								2.40		1.12	0	7					M. J. Wilkins.
Moorhead	Sunflower		10	70.0		94	30†	44	24	39	2.11		0.62	0	9	19	7	5		H. S. Gove.
Natchez	Adams	206	25	70.3	− 3.3	91	31	49	24	36	4.40	+ 0.28	1.25	0	8	21	2	8	se.	Catherine Garrity.
Pontotoc	Pontotoc	475	24	68.9	− 0.5	90	31	49	1	34	3.74	+ 0.17	1.20	0	6	14	16	1	nw.	Dr. C. W. Bolton.
Port Gibson	Claiborne	116	25	70.8	− 1.2	92	31	47	24	36	2.92	− 0.42	1.23	0	7	21	3	7	e.	H. H. Crisler.
Rosedale	Bolivar	143	5	71.0		95	31	48	24	33	4.05		1.25	0	4	18	3	10	sw.	T. J. Murray.
Shoccoe	Madison		10	71.4	− 0.6	94	31	52	24†	32	4.83	− 1.31	1.35	0	7	19	7	5	s.	J. C. Pitchford.
Suffolk	Franklin		12	71.2	− 1.1	91	30†	47	24	34	4.30	− 1.45	1.30	0	9	15	10	6	s.	Prof. Geo. H. Kent.
Swan Lake	Tallahatchie	148	8								4.03		1.15	0	7	18	7	6		Dr. S. D. Robinson.
Tchula	Holmes	130	8			94	31	48	24	34	1.83		1.14	0	6	12	18	1	s.	Dr. M. P. Winkler.
University	Lafayette	502	20	69.0	− 1.3	93	31	48	12	33	3.07	− 0.85	0.85	0	5	22	3	6	s.	Prof. J. H. Dorroh.
Utica	Hinds	287	9	71.7		93	19†	48	24	36	2.43		1.28	0	5	15	4	12		Dr. J. B. Dudley.
Vicksburg	Warren	247	42	71.8	− 1.1	90	31	54	24	24	1.30	− 2.96	1.06	0	7	16	7	8	se.	U. S. Weather Bureau.
Water Valley	Yalobusha	300	24	68.8	− 1.9	92	31	48	12†	39	2.90	− 1.67	1.10	0	7	20	5	6	sw.	Miss Loula Erikson.
Woodville	Wilkinson	560	20	71.2	− 3.0	88	19†	49	24	27	3.44	− 1.07	1.62	0	8	17	13	1		James E. Lee.
Yazoo City	Yazoo	116	19	71.4	− 2.5	93	31	47	24	34	2.28	− 1.31	0.68	0	6	24	0	7	se.	W. H. Courts.
Louisiana.																				
Abbeville	Vermilion	18	25	74.4	− 0.2	93	31	55	24	30	4.25	+ 0.25	1.84	0	12	17	10	4	n.	Hon. C. J Edwards.
Alexandria	Rapides	77	25	72.3	− 1.2	96	31	51	6	31	4.43	− 0.61	1.40	0	9	18	3	10	s.	Miss Nellie Graham.
Amite	Tangipahoa	130	25	71.7	− 2.1	93	31	50	24	34	4.50	− 0.67	2.00	0	4	14	16	1	n.	Miss L. M. Wentz.
Antioch	Claiborne		1	70.6		95	9	46	24	35[b]	4.72		1.54	0	13	22	0	9	s.	W. L. Anglin.
Avoca Island	St. Mary	9	2								3.74		2.25	0	4	24	0	7		J. N. Pharr & Sons.
Baton Rouge	E. Baton Rouge	60	25	74.2	0.0	91	31	54	24	27	5.91	+ 1.15	3.12	0	8	21	5	5	se.	Elmo M. Bott.
Burnside	Ascension	20	13	72.4	− 1.2	91	18†	46	10†	43	6.20	− 0.23	2.65	0	9	14	10	7	se.	C. S. McFarland.
Burrwood	Plaquemines	1	25	72.6	− 2.2	85	30†	61	1†	20	1.45	− 1.41	0.98	0	4	25	4	2	ne.	Graham Myers.
Cades	St. Martin		3	74.4[e]		92	31	56	24	26[e]	4.79		2.15	0	6	25	5	1	s.	C. E. Smedes.
Calhoun	Ouachita	180	25	68.9	− 3.1	89	31	47	24	33	5.51	+ 1.24	0.75	0	12	17	9	5	sw.	North Louisiana Exp. Sta.
Cameron	Cameron	6	20	69.5	− 5.5	86	31	52	23	28	4.68	+ 0.98	2.26	0	3	13	15	3	s.	Adolph Bruckert.
Carrollton	Orleans	7	2	73.6		92	31	50	8	30	7.17		3.15	0	7	29	1	1		Loyola College.
Cheneyville	Rapides	67	25	74.8	+ 1.3	94	31	55	1	32	2.61	− 1.92	1.00	0	5	17	6	8	e.	Walter I. Tanner.
Cinclare	West Baton Rouge		3	73.4		91	31	53	23	31	5.52		3.40	0	6	17	8	6	se.	Cinclare Cent. Factory.
Clinton	East Feliciana	113	25	71.0	− 2.6	89	31	51	24	30	4.69	+ 0.55	2.55	0	6	20	0	11	n.	John A. White.
Collinston	Morehouse	65	12	72.3	− 0.5	95	31	48	24	37	3.69	− 1.59	1.32	0	8	16	7	8	s.	J. B. Reily.
Covington	St. Tammany	39	21	72.6	− 1.7	90	10†	50	24	34	5.22	+ 0.83	1.62	0	8	20	3	8	w.	Cecile P. Champagne.
Dodson	Winn		4	71.5		92	31	50	24	33	3.74		1.46	0	7	15	10	6	s.	J. P. Lucas.
Donaldsonville	Ascension	33	25	75.0	+ 0.4	93	18†	55	24	32	8.98	+ 4.68	2.80	0	10	26	1	4	n.	John F. Park.
Dutchtown	do		2								7.31		2.48	0	9	21	6	4		Picard & Geismar (Ltd.).
Farmerville	Union	177	25	69.4[i]	− 2.6	88	17	51	22	30[i]				0					s.	W. P. Chandler.
Florence	Vermilion		1	75.2		89	31	57	23	23	2.99		1.90	0	4	13	18	0	se.	White Lake Land Co.
Franklin	St. Mary	10	21	74.2	− 1.5	92	29†	55	25	30	5.33	+ 1.27	3.40	0	8	8	16	7	s.	Miss J. M. Bonney.
Franklinton	Washington		3	72.2		95	31	43	24	37	8.12		2.85	0	7	9	8	14		Herbert R. Babington.
Grand Cane	De Soto	302	19	65.2	− 7.0	87	28	40	24	40	1.97	− 2.05	0.61	0	6	14	5	12	s.	G. Foster Provost.
Grand Coteau	St. Landry	93	25	73.2	− 1.1	91	18†	52	24	30	5.87	+ 1.18	2.32	0	6	18	6	7	n.	St. Charles College.
Hammond	Tangipahoa	44	21	72.9	− 1.3	92	31	52	24	32	10.10	+ 7.02	4.90	0	7	20	8	3	sw.	C. C. Carr.
Houma	Terrebonne		25	74.6	− 0.6	89	10	54	8	30[a]	2.75	− 0.83	0.90	0	7	22	0	9	s.	Prof. John M. Foote.
Jena	La Salle		2											0						C. Estus Wilbanks.
Jennings	Calcasieu	30	16	74.0	+ 0.3	96	18	55	24	32	2.65	− 2.18	1.38	0	6	11	15	5	se.	J. F. Buch.
Laark	Morehouse		1	67.8		94	31	36	23	43	3.95		1.90	0	4	23	2	6		P. M. Donely.
Lafayette	Lafayette	36	25	73.0	− 1.4	89	29	54	24	30	2.94	− 1.19	1.35	0	7	10	18	3	e.	J. J. Davidson.
Lake Charles	Calcasieu	22	25	71.8	− 1.7	95	31	50	26	38	4.47	+ 0.51	2.00	0	5	23	1	7	s.	George Boudreaux.
Lakeside	Cameron	9	12	76.0	+ 1.5	92	31	59	1†	25	4.40	− 0.66	1.90	0	3	29	1	1	s.	Miss L. J. Nunemacher.
La Rose (near)	Lafourche		2	71.6		91	3	40	1	49[a]	2.50		1.90	0	3	8	17	6	se.	Louisiana Delta Farms Co.
Lawrence	Plaquemines	6	22	76.0	+ 0.3	96	29	56	24	31	5.30	+ 2.08	4.32	0	4	24	6	1	n.	Hon. H. C. Warmoth.
Liberty Hill	Bienville		25	72.6	− 0.4	97	31	47	24	38	3.93	− 0.30	1.77	0	9	20	4	7	s.	Dr. E. A. Crawford.
Logansport	De Soto	192	9								5.34		2.29	0	6	14	2	15	s.	Mrs. Bettie M. Dennis.
Melville	St. Landry	45	25	74.0	− 0.5	98	31	52	1†	37	5.89	+ 1.57	4.00	0	5	23	1	7	se.	Chas. B. McNeill.
Minden	Webster	194	25	70.6	− 1.7	91	20	49	24	36	4.94	+ 0.61	1.35	0	10	16	8	7	s.	Miss Ethel Fort.
Monroe	Ouachita	82	25	72.1	− 1.2	94	31	50	24	32	4.63	+ 0.69	1.19	0	12	16	3	12	sw.	Kathryn Key.
Morgan City	St. Mary	14	7								4.29		2.20	0	5	18	4	9	se.	Virgil E. Kinsey.
Napoleonville	Assumption		4	75.1		92	29†	55	23	30	3.35		1.90	0	4	11	18	2		Leon Godchaux Co. (Ltd.).
Newellton	Tensas		6																	John D. Fultz.
New Iberia	Iberia	15	25	73.8	− 0.7	89	19	56	24	24	7.62	+ 3.93	4.02	0	7	16	11	4	ne.	Mrs. John A. Gebert.
New Orleans (1)	Orleans	51	42	74.8	+ 0.3	89	31	57	24	22	7.94	+ 4.06	3.78	0	9	13	12	6	se.	U. S. Weather Bureau.
New Orleans (2)	do		25	74.0	− 0.9	92	31	54	24	31	7.29	+ 3.20	2.57	0	8	14	3	14	s.	Sugar Experiment Station.
Opelousas	St. Landry		21	70.3	− 4.2	88	20	52	24†	28	5.11	− 0.11	2.91	0	5	17	2	12	n.	Andrew Moresi.
Paradis	St. Charles	83	2								5.35		2.00	0	3					R. E. Boyce.
Pearl River	St. Tammany		7								4.82		2.46	0	8	26	2	3	e.	Geo. F. Bancks.
Plain Dealing	Bossier	29	21	70.6	− 1.1	90	17	48	24	34	3.88	− 1.37	1.38	0	7	18	5	8	se.	Leon Sanders.
Rayne	Acadia	268	21	73.8	− 1.2	90	18†	54	24	30	4.96	+ 0.70	1.70	0	6	18	0	13	s.	A. P. McNeil.
Reserve	St. John Baptist	44	12	75.2	+ 0.4	103	28	46	24†	51	4.37	+ 0.19	1.32	0	7	15	9	7		Leon Godchaux Co. (Ltd.).
Richland Plantation	Rapides		1	71.6		86	20†	54	24	24	4.46		1.70	0	8	23	2	6	s.	A. B. Pendleton.
Robeline	Natchitoches		17	71.8	− 0.3	93	17	48	24†	38	3.73	− 1.08	1.03	0	7	23	1	7	e.	Anna R. McCook.
Ruston	Lincoln	147	18	72.8	+ 0.4	95	31	48	23	35	6.41	+ 1.95	2.00	0	11	19	4	8	s.	Andor M. Larson.
St. Francisville	West Feliciana	312	10	72.0[f]		90	21†	51	24	29[f]	6.02			0		16	9	6	s.	G. W. Newman.
Schriever	Terrebonne	115	21	73.8	− 1.1	92	20†	52	24	34	4.00	+ 0.03	2.50	0	4	25	5	1	w.	William H. Gautreaux.
Shreveport	Caddo	17	42	72.0	− 1.2	91	31	54	24	26	3.11	− 1.05	1.46	0	8	19	5	7	s.	U. S. Weather Bureau.
Simmesport	Avoyelles	249	7								4.27		1.85	0	8	14	0	17	w.	Cassius T. Leigh.
Southern Univ. Farm	Jefferson	42	16								4.28	− 0.69	2.75	0	8	19	7	5	se.	F. L. St. Martin.
Sugartown	Calcasieu		20	73.0	− 1.0	89	31	50	24	50	6.85	+ 2.38	2.47	0	5	15	11	5		G. W. Richardson.
Tallullah	Madison		6	71.1		93	4†	47	24	34	2.28		0.72	0	6					Neal T. Halt.
Walker	Livingston	247	3	72.4		91	20†	51	4†	39	9.50		4.25	0	8					Westly Milton.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from the record.
** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.
† Also on other dates.
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for May, 1913. District No. 7, Lower Mississippi Valley.*

Stations.	Watershed.	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	
Colorado.																																	
Buena Vista	Arkansas			T.					T.	.05																	T.	T.					0.05
Calhan	Big Sandy																																
Canon City‖	Arkansas				.19					.73	.13								.05								T.		.03			.05	1.18
Colorado Springs	Fountain			.11		T.		.07	.05	.48	T.				.05			.02	.03		.05			.01	.01		.13	.20	.01		.09		1.13
Cripple Creek	Oil Creek								T.	.04						T.						T.	.02	.01								.06	0.13
Cuchara Camps	Cucharas			.11					.03	.13															.04	.41	.39				.44		1.55
Eads	Big Sandy													T.					T.			.60		.10	.40						.10		1.20
Fairview	St. Charles			.14						1.12			.21														.35						1.82
Fremont Experiment Station.	Fountain		T.	.12	T.		T.		.77	.08					.08			.20		.04	.06	T.	.02		.05	T.	.05	.05			.28		1.80
Garfield	Little Ark								T.	T.					.07			.02		T.	.03				.03			.08	.02		.02		0.27
Hamps	Big Sandy			T.						.65	.07										.03	.09						.03					0.87
Hermit Lake	Grape Creek			.28						.40																		.18	.12				0.98
Hoehne (near)	Purgatoire			.02						.03								.06	.05			T.						T.	.04		.23	T.	0.43
Holly	Arkansas									.22	.10									.03		.41											0.76
La Junta	do				T.			T.										.06	T.		.35	.02			.15		.20	.47			.38		1.63
Lake Moraine	Fountain			.11						1.14					.09			T.	.07		.05			.12	.09	.09	.09	T.			.10		1.95
Lamar	Arkansas									.27											.11	.30											0.68
Las Animas	do																	.03		.36	.09	.17			.21		.12				.02		1.00
La Veta Pass	Cucharas																									.08			.10	T.	.11	T.	0.29
Leadville	Arkansas		T.	T.				T.	T.	.01					.12		T.	.02		T.	T.	.05			T.	T.	T.	T.			T.		0.20
Limon (near)	Big Sandy								T.	.60					T.			T.			.08						.17	.07			T.		0.92
Madrid	Purgatoire			.08					.10	.01								.08	.07								.08	.09			.16		0.67
Marshall Pass	Arkansas																			.17						.15		.15					0.47
Maxey	do			.15						.50																						.50	1.15
Monument	Fountain																																
North Lake	Purgatoire			.26						.07											.19										.61		1.13
Pueblo	Arkansas			.01					T.	1.23					T.			.06			.02	T.						T.			.11	T.	1.43
Rocky Ford (near)	do								.20													.22											0.42
St. Elmo	Chalk Creek								.08	.02					.21						.02				.03			.34					0.70
Salida‖	Arkansas								.04	.03																		T.	.08				0.15
Santa Clara	Huerfano																																
Sheridan Lake	Arkansas																																
Stonewall	Purgatoire			.19					T.	.04								T.										.13			.40	T.	0.76
Trinidad	do			.07		T.	T.		.11	.04								.13	.37			T.		T.	T.	T.	.01	T.	.06		.25	.15	1.19
Two Buttes	Arkansas			.18		.24	.01		.02	.09												.41											0.95
Two Buttes Reservoir.	do			.19			.08		T.	T.												.38										.31	0.96
Victor	Oil Creek								T.	.58											.24				.12		.15	T.			.10		1.19
Vilas	Cimmaron										.35											.10										.05	0.50
Westcliffe	Grape Creek			.04					.11	.40																	T.						0.55
Winfield	Clear Creek		T.					T.	T.	T.				T.	.05			T.	T.	T.	T.	T.			T.	T.	T.	T.					0.05
Woodman Sanatorium.	Fountain			.07					.04	.33	.05	T.			.30			.02	T.			.05		.03	.05			.02			.03		0.99
Wortman	Arkansas																																
Yoder	do			.01			T.		T.	.18	T.							T.			.18						.05						0.22
New Mexico.																																	
Abbott	Canadian							T.		.18														T.			.17						0.35
Albert	do			.24	.05				.24													T.							T.		T.	T.	0.53
Aurora	do								.18	.02														.08			.12	.21	.02		.39	.54	1.56
Bell Ranch	do								T.													.07		T.			T.	.30				.16	0.53
Black Lake	do																							.17			.10	.10			.04	.07	0.48
Cabeza	do							T.															.07	.05				.38		T.			0.50
Campana	do							T.		T.																	*	.40			T.		0.40
Chacon	do						.42																					.12				.36	0.90
Cimarron (near)	do			T.		.02		.25	.03									T.		.01		T.		.01			.02	.20	.05		.23	.14	0.95
Clayton	do					T.			T.	.28	T.	.21										.66									.09	T.	1.24
Clovis	Red																																
Cuervo	Canadian								.20																		T.		T.			.31	0.51
Dawson	do			T.				T.	.04															.02			.01	.15	T.	T.	.16	.08	0.46
Elizabethtown	do								.10																			.10			.25		0.45
Folsom	Dry Cimar'n			.07		T.		T.	.18	T.								T.	T.			.07			T.		.10	T.			.04		0.46
Fort Union	Canadian								.05																		T.				.20	.20	0.45
Hayden	do				.06				.30	.23												.15	.07					.40			.28		1.49
Hoosier Ranch	do								T.	.19																	.22					.14	0.55
Johnsons Park	do							.18	.17		.14						T.	52						T.	T.		.70	.13	.02	.01		.01	1.88
Johnsons Ranch	do						.03	.08																			.18					.19	0.48
Kappus	do				T.							T.										T.					*	1.40					1.40
Lake Alice	do																				.20							.10				.30	0.60
Logan	do								.09														T.					1.16			T.		1.25
Lykins (near)	Red																																0.00
Maxwell (near)	Canadian																		.23							.08	.14			.08			0.53
Melrose	Red																											T.			.25		0.25
Miami Ranch	Canadian																											.21			.36	.04	0.61
Mills (near)	do								.13	T.									T.				.10				.10				.06	.05	0.44
Montoya	do																										T.	.25					0.25
Mount Dora (near)	do																																
Nara Visa	do			T.	.44		.02	T.		.23													.15			.45	.35			.16	T.	1.80
Palo Verde	do			T.	T.	T.	T.	T.	.04	.08								T.	.15				T.				T.					.34	0.61
Pasamonte	do						.25		.26														.12				.37						1.00
Pleasant View	do																		.02							T.						.20	0.22
Portales	Red																					.01									.90		0.91
Raton	Canadian								.12																			.40	.13			.06	0.71
Rociada	do																																
Rosebud	do									.38												T.						.89			.12		1.39
Roy	do								.25									.10	.10					T.				.20				.25	0.90
Roy (near)	do							.10	.10															T.			.30						0.50
St. Vrain	Red																														.33		0.33
San Jon	Canadian			T.	.03				T.	.35				T.								T.	T.	T.		T.	T.	.26	T.	T.	.37	T.	1.01
Solano	do								.03							.06											T.	.16	T.				0.25
Springer	do							.10	.20	.10																T.						.30	0.70
Taylor	do						T.		.36	T.												T.		.04		T.	T.					T.	0.40
Texico (near)	Red								.30																								0.30
Trementina	Canadian																																
Tucumcari	do								*	.32																	.79			.10			1.21
Valley	Dry Cimar'n																																
Vance (near)	Canadian				T.	.01				.28												.10						.08			.14		0.61
Vermejo Park	do						T.											T.							T.	T.	T.	*	.21		.30	T.	0.51
Wagon Mound (n'r)	do								.01	.14								.05					.06				.20					.20	0.66

TABLE 2.—*Daily precipitation for May, 1913. District No. 7*—Continued.

Stations.	Watershed.	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	
Texas.																																	
Amarillo	Canadian		.08	.01	.67				.11	.49		T.		T.						T.						T.		.01		.04			1.41
Archer City	Red			.57	3.25	1.21										T.			.02			T.											4.05
Arthur City ‖	do				.19	.05	T.					T.				3.80	2.60			T.		.23	1.54										9.41
Bonham	do				2.10	.65										1.04	.75	.20															4.74
(	Canadian			.10	.38	.02				.03	2.03			.16	.07	.03												T.					2.82
Childress	Red													.55						1.04													1.59
Chillicothe	do				1.00	.06										.02					.03												1.11
Clarendon ‖	do				.25	.11				.10	.12	.17			.50						.23						T.						1.48
Clarksville	do				.75		.78					.72				1.90							.82										4.97
Claude	do		.40		.50						1.20									T.													2.10
Dalhart ‖	Canadian				.39	.15				.18	.43	1.20																					2.35
Denison ‖	Red				.32	1.40	.50									1.80	.40						.10										4.52
Finley ‖	do					.65	.50										1.00						1.00										3.15
Henrietta ‖	do				3.45	.17						.03					T.																3.65
Jefferson ‖	do					.75	.10	.06									.60					.50	1.20										3.21
Memphis	do			.50							.38				.25						1.00												2.13
Miami	Canadian			.32	.42		.02			.05	.45	T.			.30						.13												1.69
Ochiltree	do		.62		1.42				.07	.33																							2.44
Panhandle	do				1.00				.60	.65	.65																						2.90
Paris ‖	Red				.05	1.23						.15				1.57	2.47					T.	1.13	T.									6.60
Plemons	C nadian		T.	.33	.72				.11	.03	.50	.12								T.								.06					1.87
Quanah ‖	Red				.60																.40												1.00
Ringo Crossing ‖	do				.32	.50	.08										1.40						1.10										3.40
Romero	Canadian					T.		T.		.50																		.17		T.	T.		0.67
Sherman ‖	Red				.70	.80	.17									.15	2.07						.17										4.06
Stratford	Canadian				1.07	.03	.05		.17	.13																.04		.01					1.50
Tulia	Red				.37				.06	.11				.03							.26			.01			T.		T.		T.		0.84
Wellington	do			.20	.15						.10			.53						.64													1.62
Wichita Falls	do																																
Winfield	do			T.	.48		.44					.15				1.50						3.25	T.										5.82
Kansas.																																	
Alden	Arkansas			.30	.20						.60	.02		.10	.12						.39		.08				.07		.03				1.91
Anthony	do		T.	.12	.18	.10					.02	.06									T.	T.	T.						.02				0.50
Ashland	Cimarron			.15	.22	T.					.18										.03	.09			.02		T.						0.69
Burlington	Neosho		.06	*	2.26	.68							.88								1.03												4.91
Chanute	do				2.04	T.			T.	T.	.13		.67									.42	T.										3.26
Cimarron	Cimarron			.39						.04					T.							.01					.19						0.63
Coffeyville	Verdigris		.28	.03	2.23	.14					.70		.18				.03		.80		.50				T.	.02							4.91
Coldwater	Cimarron			.07	.68	.56				T.	.10										T.	.14			.10								1.65
Columbus	Neosho		T.	.05	.95	.99				T.	.22		.46		T.	.29	.01	.33			T.	.28				T.	T.						3.58
Coolidge	Arkansas									.38																							0.38
Cottonwood Falls	Neosho		T.	.41	.34	.92			T.		.27					.43				.02	1.98												4.37
Council Grove	do		T.	.67	.08	1.97					.13		1.00			.02				.18	.34	.01											4.40
Cunningham	Arkansas			.60	.35	1.07			T.	.32	.28		T.					T.				T.					T.						2.62
Dodge City	do			.56	.01					.07	.01			.01	.01					.08		.01			T.	.02	.02				T.	.01	0.81
El Dorado	do		T.	.37	.63	.15					.10					.02					T.						.05						1.32
Ellinwood	do		T.	1.16	.69	.02			T.	T.	.03	T.	T.	.26							.27		.02				.18				.01		2.64
Emporia	Neosho			.06	1.03	1.08	.73				.27		1.12			.05				.16	.03	2.92											7.45
Eureka	Verdigris		.18	.90	1.35	.42					.05										.03	.09											3.02
Fall River	do																																
Fargo	Cimarron			.25						.36	.34											.06											1.01
Fredonia	Verdigris		.10	.02	1.58	.39	T.		T.	T.	.17	T.	.11			T.		T.	T.		.06	1.40					.01			T.		3.84
Garden City	Arkansas						T.			1.20	T.			T.						.05		.17							T.				1.42
Greensburg	do			.15	.67	T.				T.	.31	T.		T.										T.									1.13
Grenola	Verdigris		T.	T.	1.94	.05			T.		.16					.05					.13						.06						2.39
Howard	do		.19	.03	1.80	.32	T.				.27					.30					.23												3.14
Hugoton	Cimarron	T.		T.	T.		.03	.01	T.	.42	.13			T.					T.	.02		.23			T.						.23	T.	1.07
Hutchinson	Arkansas			.71	.42	1.15				.74	.10	.10							.20		.12						T.						3.54
Independence	Verdigris		.02	.02	2.81	1.88	.01			.01	.70		.09			.02		.06	.23			1.24				T.	.01						7.10
Iola	Neosho		.07	.32	1.35	.02				.01	.01		.90								.65	.02											3.35
Irene	Arkansas	T.						.04		.30	.10			T.								.03									T.		0.47
Jetmore	do																																
Kingman	do			1.23	.59	.98			.05		1.55		.28			.15						T.					.35						5.18
La Crosse	do			.29							.70		.14	.01							.15		.04		T.		.18			T.	.03		1.54
Lakin	do			T.				T.		T.				T.						T.		.10							T.	T.			0.10
Larned	do			.21	.11						.08		.08	.23							.14	T.			.08	.01							0.94
Lebo	Neosho		.09	.70	.66	.80					.06		.90							.23	3.10												6.54
Le Roy	do			.05	2.20	.67	.08			T.		T.	1.16									.62											4.78
Liberal	Cimarron			.35	.01				T.	.10	.35									.11		.25	.03			T.							1.20
Macksville	Arkansas				.22	.48					.09		.01		.14							.02							.03				0.99
McPherson	do				.39	.28	.06				.58	.03			.62						.20	.10					.02						2.28
Madison	Verdigris		.15		1.63	1.05					.25		.46			.65				T.	.24						T.						4.43
Marion	Neosho		T.	.56	.08	2.75			T.		.42	T.			.53	.35				.15	.19		T.				T.		T.				5.03
Medicine Lodge	Arkansas		T.	.70	.36	1.84				.09	.08							T.				.02											3.09
Minneola	Cimarron			.42	.11						.16											.05				.04							0.78
Mount Hope	Arkansas			.54	.12	.88				.25	.08				1.12																		2.99
Neosho Rapids	Neosho			.15	1.20	1.02	.42				.15		1.33			T.				.50		3.80											8.57
Ness City	Arkansas		3.00	.14				T.		1.00										.21											T.		4.35
Newton	do			.94	.08	1.36					.56				.19	1.85					.06						.23						5.27
Norwich	do		.44		.02	.81			T.		.05		.23			T.					T.	.01	.06				.01						1.63
Oswego	Neosho		.08	.02	2.42	.25					.16		.14			.13		1.05			.23	.02					T.						4.50
Pittsburg	do				*	.95	.35						.63			.06			.35			.96											3.30
Plains	Cimarron			.50							.40											.22											1.12
Pratt	Arkansas			.22	.28	.70			.04	.05																							1.29
Richfield	Cimarron			.02	T.		.17	T.	.10													.40			T.			T.			T.		0.69
Rome	Arkansas			.87	.91	.05			T.		.17		.25																				2.25
Sedan	Verdigris			T.	1.20	.50	1.42			T.		.60	.06			.06			.70			.38	T.				.10						5.02
Toronto	do			.15	2.55								.17								T.												2.87
Ulysses	Cimarron									T.												.18									T.		0.18
Walnut	Neosho			.17	2.02	1.30					.12					T.			.01		T.	1.31											4.93
Wellington	Arkansas		T.	.29	.81	.55			T.		.10											T.							T.				1.75
Wichita	do			.51	.17	.07			T.	.03	.01	T.	.01		.04			T.				T.	T.			.13				T.			0.97
Winfield	do																																
Yates Center	Verdigris		.05	.09	2.14	.21				T.			.12					T.			.15	T.											2.76
Oklahoma.																																	
Ada ‖	Canadian				.60	1.22	.24					.08				2.01	.04				.04	.50											4.73
Altus ‖	Red			.02	.69	.02						.03				T.					.77												1.53
Alva	Arkansas		T.	.70	.50	1.25				1.10					T.					T.	T.	T.							T.				3.55
Apache	Red				1.62	.03									.13	.12					.45												2.35
Arapaho	Washita			2.45	.40	.15									.40					.87													4.27

TABLE 2.—*Daily precipitation for May, 1913. District No. 7*—Continued.

Stations.	Watershed.	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	
Oklahoma—Contd.																																	
Ardmore ‖	Red				.90	.95	.05									2.10	.06				.04		.03										4.13
Bartlesville ‖	Arkansas			.08	1.27	1.69	.83					.05	.18	.04		.16			.02			.18	.03										4.53
Beaver	Canadian			.25	.78					.20	.50										.10	T.											1.83
Cache	Red				1.64						.40			.25							.40												2.69
Calvin	Canadian				.24	.84	.10					.18				.87	.04		1.20				.35										3.73
Chandler ‖	do				1.75		.80					.70	T.			T.			T.			.30	T.						T.				3.55
Chattanooga	Red				2.10	.17					1.27	.05			1.70				.25		1.60												7.14
Chickasha ‖	Washita				1.70	T.	.03					T.				.40					.57												2.70
Cleveland	Arkansas																																
Cloud Chief	Washita			.81	.53	.10					T.	T.									.39												1.83
Crawford	Canadian																																
Durant ‖	Red				.43	1.52	.04									2.23	.21			.53			.03										4.99
Eldorado	do			T.	.49						T.	T.			T.																		0.49
Elk City	do																																
El Reno	Canadian			T.	1.01	.02					.10										.43												1.56
Enid ‖	Cimarron			T.	.55	.67	.12						.04				.04				.12												1.54
Erick	Red				.80	T.				.10					.35						.80												2.05
Eufaula	Canadian				.39	1.50					.11		T.			.79			.52			.40	.04										3.75
Fairland	Arkansas			T.	.39	1.59						.64	.10					.22	.35			1.13	T.			T.	.07						4.49
Fort Gibson	do			T.	.11	.86	.97				.05		T.	.60		.95	.09		1.07			.40	.08										5.18
Frederick	Red			.26	1.09										.09						1.00												2.44
Geary	Canadian			.03	1.50	.10			T.		T.					T.					.50												2.13
Goodwell	do			.10	.90		.06				.13									.13													1.32
Guthrie	Cimarron				2.40						.15					.20		.80			.25	1.00											4.80
Guymon	Canadian			.21	.50		.15				.45									.05													1.36
Hartshorne	do																																
Healdton	Red		T.	T.	1.95	T.					.02				.85	.84					.53		T.										4.19
Helena	Cimarron																																
Hennessey	do			1.97	1.30	.45															.37		T.										4.09
Hobart	Red				.38	.04						.23			.01		T.				.60												1.26
Holdenville ‖	Canadian				.40	.65	.07					.21				1.00	.02		.61		.32	.43											3.71
Hooker	do			.36			.08	T.		.81	.19	T.							T.	.11		T.											1.55
Hugo	Red			.25	1.25						.08				2.17	3.63				.01	.57	.45											8.41
Hurley	Cimarron							T.		.06																					.02		0.08
Idabel	Red																																
Jefferson	Arkansas			1.44	.77	.15					.28										T.												2.64
Kenton	Cimarron			.20				T.	.09	.26	.01											T.	.05	T.	T.				.05		T.		0.66
Kingfisher	do			T.	1.96	.24			.01		.02	.03				.31					.40		.03			.02							3.02
Lawton	Red			2.53	.02						.19				1.35	.02			.04		.78												4.93
Lawtonka Lake	do			1.80								.32				.65					.45												3.22
McAlester ‖	Canadian				.16	2.01	.09					T.				.84	.04	T.	2.27			.84											6.25
Mangum ‖	Red				.13	.40						.10			.03		T.				.25												0.91
Marlow ‖	Washita				2.40											.60					.90												3.90
May	Canadian																																
Meeker	do				2.90	.25					.20				.40					.25	.20												4.20
Muskogee (1) ‖	Arkansas			.10	.18	1.98	.08				.14	.02	.26			.62			1.02		.09	.88	.04										5.41
Muskogee (2)	do			.05	.18	2.05	.10				T.		.20			.70	.30		.86		T.	.83	.04										5.31
Mutual	Canadian		.22		.51	.95					.15									.50													2.33
Neola	Washita			T.	1.05	.13					.29				T.						.30												1.77
Newkirk	Arkansas			T.	3.30	1.25					.10		.30			T.																	4.95
Norman	Canadian		T.	T.	2.50	.30					T.				.42	.02		.38			.39	.35											4.36
North Muskogee	Arkansas				.14	.86	1.00					.79		.18		.60	.03		.46			.21	.04										4.31
Oakwood	Canadian																																
Okeene	Cimarron			.62	.33	.38					.01					.10					.21	T.				.02		T.	T.				1.67
Okemah	Canadian		.05	1.00	.90						.40					1.00				1.85	.40												5.60
Oklahoma	do			1.04	1.16	.16					.51				.13	.03		.58			.27								T.				3.88
Okmulgee	do																																
Pauls Valley	Washita			T.	2.58	.41	T.						T.		T.	2.32					1.06	.44											6.81
Pawhuska	Arkansas		T.	T.	4.01	.10	.05						.43			.23			T.			.15											4.97
Perry	do	T.			4.00	T.					T.					.08						T.											4.08
Rankin	Red			.24	.22	.07					.05	.10			.11						.48												7.27
Ravia	Washita				.72	1.01										2.32																	4.05
Sac and Fox Agency	Canadian		T.		2.40	.12					.50	.05				.56					.15	.30											4.08
Shawnee ‖	do				1.99	.05	.10					.02				.43			.08		.54	1.03											4.24
Snyder	Red																																
Stillwater ‖	Cimarron			T.	2.52	.12						.13							.17		.06	.31	T.										3.31
Tahlequah	Arkansas																																
Tulsa ‖	do			.07	2.30	2.88	.03					.97		.34		.18	.04		.38			.17	T.										7.36
Vinita	do																																
Wagoner	do				T.	2.60					.89		.40			.39			.89			.26											5.43
Waukomis	Cimarron		T.	2.00	1.35	.25					.05					.05					.14												3.84
Waurika	Red		T.	T.	2.56	.19					.05	T.			.22	T.					T.												3.02
Weatherford ‖	Canadian				.88	.06	.10			T.		.01			.05						.32												1.42
Webbers Falls	Arkansas			T.	.90	1.20					.05		.25			.95		.50															3.85
Whiteagle	do			1.67	1.91											.07		T.					T.										3.65
Woodward	Canadian		T.	.26	.17	.83					.47				.33						.02	T.						T.					2.08
Wyandotte	Arkansas					1.10	1.03					.50							.94			.60					.15						4.32
Missouri.																																	
Belle	Meramec												1.60					.30								T.							1.90
Birch Tree	Black												.13				.35										.15						0.63
Cape Girardeau	Mississippi						.02	.50				.12						.70					.05				T.	.70					2.09
Cardwell	do											T.					.28	.32					.18	.41			.10				T.		1.29
Caruthersville	do				T.							T.				T.	.40		T.			.26	.25				T.				T.		0.91
Cassville	White			T.		.95	.82										.70		.79														3.26
Dean	Neosho			.08	.13	2.95					.19	.20	.05			.04	.45	1.33	.37			.15					.06						6.00
Doniphan	Black				.02	T.	.13				T.	T.	.12				.24		.05		T.	T.					.10				.37		1.03
Fruit City	do																																
Gano	Meramec					.07	T.	.46				.23	.20				.24	T.				T.					.37						1.57
Goodland	Black						.15					.05					.59					.06					.50						1.35
Hollister	White					.30	.80						.25				.75	.50	.45							.15							3.20
Ironton ‖	Mississippi				.11	T.	.03	T.				.10	T.					.60	.02			.35	.67				.25	T.				T.	2.13
Jackson	do						.08				.03	.15					.57				.30						.82						1.95
Joplin	Neosho				T.	.80	1.20					.50	.45			.10			.30			.10	T.										3.45
Koshkonong	Black				T.	T.	T.					T.	.34			T.	.55		.09			T.					.25				T.		1.23
Lamar ‖	Neosho				.13	.57	.58					.03	.49						.06			.48	T.								T.		2.34
Marble Hill	Mississippi																.95					.70					.80						2.45
Mountain Grove	White				T.	.12	.16					.07	.74				T.	T.					.06								T.		1.15
Mount Vernon	Neosho			T.	T.	1.31	T.																T.			T.							1.31
Neosho	do			.70	.21	2.10	.16					.32	.32			.10	.03	.03	.28		T.	.27		T.		T.							4.52
New Madrid ‖	Mississippi						.06									.10	.25						.30	.05			.02	.80					1.58
Oakfield	Meramec				.08		.18				.14						.01	.02			T.					T.	.54				T.		0.97
Rolla	do				.02	.07	.48				.05	.37	.20						.02			T.					.09						1.30
Springfield	White			.08	.05	1.13	.24					.03	.30			.11	.01	.42				T.	T.			.01	T.						2.38

TABLE 2.—*Daily precipitation for May, 1913. District No. 7*—Continued.

Stations.	Watershed.	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	
Kentucky.																																	
Blandville	Mississippi						.03				T.	.03					.26				T.	T.	.08				.25				T.		0.65
Tennessee.																																	
Arlington ‖	Mississippi						T.						T.				.47	T.				.10	1.60	.15			T.	.60					2.92
Bolivar ‖	do						.56						T.				.02	.51				T.	.61	.50									2.20
Brownsville ‖	do						T.						T.				.02	.04		.01		.12	3.58	.20				.03					4.00
Covington ‖	do																	.08		.05		.50	.95	.20				.10					1.88
Dyersburg ‖	do																T.	.60				.10	1.55	.10				1.00					3.35
Jackson	do						.15					.08			T.	.06	.20		T.		T.	.30	1.20					1.20					3.19
Kenton	do					T.						T.					.30	.14			.23	.50	1.00				T.						2.17
Memphis	do						T.					T.				.01	.09					2.51	.35				.01						2.97
Milan ‖	do						T.						T.			.05	T.	.27		.42		T.	.35	.36			T.	.18				T.	1.63
Trenton	do																T.				T.	.60	.46				.51						1.57
Union City	do						.01									.34	.35				.05	.16	.24				.19	.15					1.49
Arkansas.																																	
Alicia	White				T.	T.						.25	.10				1.10		.20	.10	.12		.40										2.27
Amity	Ouachita					.58						.26					1.20	.15					2.00										4.19
Arkansas City ‖	Mississippi							.49									1.40						1.02	1.24									4.15
Batesville ‖	White					.14	.08							.04		.04	.02	T.	.06			.22	.32	.12			T.	.02					1.06
Bee Branch	Arkansas					.45	T.									T.	T.		.50			T.	.30				T.						1.25
Bentonville	do			.05	.64	.83	.06				.24	.04	T.		.02	.04	.07	.52	.16		.03	.12					.04						2.86
Bergman	White			T.		.33	.66						T.						1.20														2.19
Black Rock ‖	do					.05		.04					.02			T.	.24	.11				.02	.55					.06					1.09
Brinkley ‖	do							.36						T.			.21	.16				1.86	1.42										4.01
Calico Rock ‖	do					.20	.10					T.								T.													0.30
Camden ‖	Ouachita					.27	.36	.17				.01	.43			.04	1.50		.09			.34	1.25	.32									4.78
Centerpoint	Red			T.	.87	.53	.25					.80			.30	1.00		.20		T.	T.	2.60											6.55
Clarendon ‖	White						T.	1.35			T.	T.	T.				.10	.11				.84	.34										2.74
Conway	Arkansas					.76	.37					.01				.02	.16			.41		.20	.72										2.65
Corning	White				.02	T.	.04					.04	.01			T.	.50						.10				.12				.04		0.87
Dardanelle ‖	Arkansas					.84	.45	.06				.12	T.			.05	.60		.73			.08	1.03										3.96
Dodd City	White					.38	.10											2.20															2.68
Dumas	Arkansas						.40									.20	.30					1.68	.52										3.10
Dutton	White				T.	.59	1.40				.33					T.	.35			T.	T.	.37											3.04
Eldorado ‖	Ouachita					.15	1.35	.62				T.	.41				1.00					.24	.96	.33									5.06
England ‖	Arkansas						.06	.60										.02	T.	2.50	.02	.35											3.55
Eureka Springs	White			T.		.25	1.65				.11	.19	T.						2.18			.10					T.						4.48
Fayetteville	do					1.75	.37				.11						.71		1.19			.20	.03				.04						4.40
Fordyce	Ouachita					.47					.60	.07				1.07	.85					.80											3.86
Fort Smith	Arkansas			.12	.06	.73	.02				.37	.05	T.		.38	.39		.34	.06		T.	.47											2.99
Fraziers Turnpike	do																																
Fulton ‖	Red					.56	.28					1.10					.28						2.40										4.62
Georgetown	White					.04		T.				T.					.04					.06	1.84										1.98
Hardy	do				.04	.03	T.				.13	.06	.13			T.	.43		.21		.05	.03	.06				.04						1.21
Helena ‖	Mississippi							.01					.15				.40					.16	1.06	.05									1.83
Hot Springs	Ouachita						.97					2.70			.27	.34		.60			.96												5.84
Huttig	do					.58	1.62	.98				.22			.20	.67	.29					.68	1.21										6.45
Jonesboro	White																	.15				.20	.45										0.80
Junction	Ouachita				T.	.89	.31			.51		.64				.92					.21	.81	1.08										5.37
Lake Farm	Arkansas					.95	.48					.10				.50	.25					1.20											3.48
Lewisville	Red	T.				2.00	.06					.40				.65	.17			.04	.25	1.75	.38										5.70
Little Rock	Arkansas				.07	.09	.81					.02				.14	.03		.16	.38		.63	.01										2.34
Lutherville	do				.03	.85	.35					1.27				.11	.44		.69	.12	.14	.30	.77				T.						5.07
Malvern ‖	Ouachita					.40	.25	.30				1.00	.10			.12	.18	.10			T.	.10	.35	T.									2.90
Mammoth Spring	White					.02	.03						.18				.70		.28								.06						1.27
Marked Tree ‖	St. Francis																																
Mena	Ouachita																																
Newport ‖	White					.30	.08											.10	.10			.12	.60										1.30
Pine Bluff ‖	Arkansas					.10	.20	.42				.14					.82					.57	.37	.02									2.64
Pocahontas	White															.16	.37					.37					T.						0.90
Pond	Arkansas			.05	.06	2.42	.03				.12	.12				.06	.16		1.14			.10	.03				.01						4.30
Portland ‖	Ouachita						.10	.55				.35	T.				1.85						1.10	.74									4.69
Prescott ‖	do					.60	.88					.79	.38				.30		.10		.18	.22	2.50										5.95
Rogers	Arkansas			T.		1.10	.98				.30								.90			.11											3.39
Springbank ‖	Red				T.	1.33	.03	.04				T.	.05				.13		T.		T.	T.	2.26	T.									3.84
Stuttgart	Arkansas				T.	.02	2.52					T.				.16	.31					1.14	.05				T.						4.20
Subiaco	do				T.	1.23	.29				.81					.35	.73		.24	.20			1.37										5.22
Swain	White			.07		.66	.93				T.	T.					.32	.60					.93										3.51
Texarkana ‖	Red					.75	.08	.25				.08	.05			.10	.54		.03			.08	1.82	.03									3.81
Warren ‖	Ouachita						.72	.67									.72					.59	.69										3.39
Whitecliffs ‖	Red				T.	.75	1.50	.13				1.50	.08			.05	.68		.28				2.33										7.30
Wiggs	Ouachita			T.	.11	.69	.29					1.46				.25	.75		.24	T.	T.	.91	.22				T.						4.92
Wynne ‖	St. Francis													.03				.37				1.56	.79	.04									2.79
Mississippi.																																	
Anguilla	Yazoo						.25	.80			.20	.10				.82	.18					.15	1.00										3.50
Austin	do							.05				.02				.23	.14				.08	1.50	.31				T.						2.33
Batesville ‖	do						.08						.10				.60					.10	1.15	.50				.30					2.83
Big Creek	do					.10						.10				.05	.10				T.	.15	1.52										2.02
Canton	Big Black					.10	.38	.48			.02					.25	.01					.70	1.26										3.20
Charleston	Yazoo					.12						.32				1.13						.65	.70	.15									3.07
Clarksdale ‖	do											.06	.17		.17	T.	1.27	.10				.23	1.04	.27				.03					3.34
Cleveland	do															.63	.06					.99	.66	T.									
Coffeeville	do					.05						.13				.75	.52				.02	.28	1.34	.19				.37					3.65
Corinth ‖	Mississippi								T.					T.			.13	.22		.32		.36	.90	.70									2.63
Crenshaw	Yazoo																					.50	.35										
Duck Hill	do						.11	T.	T.			T.		T.	.10						T.	.33	1.30	.30									2.14
Edwards	Big Black					.40	.30					T.		.10	T.	.10	.05			.70		2.80	.60	.10									5.15
Fayette	Mississippi					.30	T.					.20		.13			.20		.06	T.		.67	1.82	.03									3.41
Greenville ‖	Yazoo						.05					T.	.06	.02			1.18	.07				T.	.87	.41									2.66
Greenwood ‖	do						.75						.22				.44	.05					.33	1.00				.03					2.82
Grenada	do											.75						1.25		.50		1.25											3.75
Hernando ‖	do																.70	.03				.10	1.60	.15				.20					2.78
Hickory Flat	do					.20										.15	.90				.80	1.10	.08										3.23
Holly Springs ‖	do						.04										.21	.27				.01	1.93	.79				.12					3.37
Kosciusko ‖	Big Black						.43	.01									.98	.10				.08	2.34	1.35									5.29
Malone	Yazoo					.10											.14	.51				.02	1.12	.35				.16					2.40
Moorhead	do					.09	.23					.09		.20		.59	.04					.24	.62	.01									2.11

TABLE 2.—*Daily precipitation for May, 1913. District No. 7*—Continued.

Stations.	Watershed.	Day of month. 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	Total.
Mississippi—Con.																																	
Natchez ‖	Mississippi					.64	.20			.12			.30				T.	.43		T.	.55		1.25	.91									4.40
Pontotoc	Yazoo					.33										.35	.46		.40			1.00	1.20										3.74
Port Gibson ‖	Mississippi						.19	.05				T.	T.		1.23			.10		T.	.22		.63	.50									2.92
Rosedale ‖	Yazoo							.80									1.25						.95	1.05									4.05
Shoccoe	Big Black					1.28	T.	.28	.42		.80					T.	.14		T.			.56	1.35										4.83
Suffolk	Mississippi						.27	.02		T.		.08		.81		.77	.05			.23		.77	1.30										4.30
Swan Lake ‖	Yazoo						.24						.28	.66			.63						1.15	.59				.48					4.03
Tchula	do						.28			.06		.04				.10	.21			T.			1.14										1.83
University	do						.12					T.				.75	.68					.85	.67										3.07
Utica	Mississippi						.18				T.	.14				T.	.25		T.	T.		.58	1.28										2.43
Vicksburg	do					.03		T.				T.		.01		.03	.07			.03		.78	.35										1.30
Water Valley	Yazoo					.15						.25				.45	.55				T.	.20	1.10	.20		T.							2.90
Woodville	Mississippi				.31	.25		.38							.15		.33					.30	1.62	.10									3.44
Yazoo City ‖	Yazoo						.39		T.	T.		.28					.34	.13					.46	.68									2.28
Louisiana.																																	
Abbeville	Coast					.01	.01	.60	.24	.01	.01	.01					.70	.15			.10	.57	1.84										4.25
Alexandria ‖	Red					T.	.18				.15		1.15			.52	1.40	.50			T.	.08	.40	.05									4.43
Amite ‖	Coast							.80			T.		.20				T.						2.00	1.50									4.50
Antioch	Red				.01	1.54	.27	.18			.54	.15			.04	.05	.22			.12	.60	.63	.37										4.72
Avoca Island	Coast							.29		.40												2.25	.80										3.74
Baton Rouge ‖	do								.02		.12		.18		.18	.60		.48					3.12	1.21									5.91
Burnside	do					.92	.05	.55	.50					.27	.50	.10	.66						2.65										6.20
Burrwood	do							.10									.27						.98	.10									1.45
Cades	do							.40				.44	.10				.60					1.10	2.15										4.79
Calhoun	Ouachita				.05	.55	.80	.03			.18				.62	.52	.62		.60	.75		.67	.12										5.51
Cameron	Coast																2.14					.28	2.26										4.68
Carrollton	do							.26	.90				.17		2.50			.19					2.00	1.15									7.17
Cheneyville ‖	Red												.26				1.00	.55					.65	.15									2.61
Clinclare	Coast							T.		.35		.22		T.	.10		.70					3.40	.75										5.52
Clinton ‖	do						T.	.55	.11		.23					T.		.20			T.		2.55	1.05									4.69
Collinston	Ouachita				.10	.70	.18	.03								1.32	.33					.73	.30										3.69
Covington ‖	Coast							.32	.07		T.	.10	1.24			.36		.12					1.39	1.62									5.22
Dodson	Red					.12										T.	.54		.11	1.20	.02	1.46	.27										3.74
Donaldsonville ‖	Coast						1.10		1.80			.35	.05		.40	.38	.10	.15		T.			2.80	1.85									8.98
Dutchtown ‖	do					.18		1.45	.07					1.54	.25	.50	.23					.61	2.48										7.31
Farmerville	Ouachita																																
Florence ‖	Coast						.03									.06						1.90	1.00										2.99
Franklin ‖	do							T.	.02	T.	T.	.03	.19					.15	.01	.34			3.40	1.19									5.33
Franklinton	Pearl						.33	.96		T.		.97	.40				.85			T.		1.76	2.85										8.12
Grand Cane ‖	Red						.42	.15									.61					.20	.53	.06									1.97
Grand Coteau	Coast						.30					.70		.30		.75						1.50	2.32										5.87
Hammond	do					T.		.90		1.80		T.			.70	.10	.60					1.10	4.90										10.10
Houma ‖	do							.65	.20			.35					.10	.05				.90	.50										2.75
Jena	Red																																
Jennings ‖	Coast						.08	.02										1.04				.03	1.38	.10									2.65
Laark	Red						1.10				T.			T.		1.90						.65	.30										3.95
Lafayette ‖	Coast							T.		.25	.05		.16				.09	.60					1.35	.44									2.94
Lake Charles ‖	do						.13			.75							2.00	.25					1.34										4.47
Lakeside	do					1.90										1.20						1.30											4.40
La Rose (near)	do																.40	.20					1.90										2.50
Lawrence ‖	do								.07									.25					4.32	.66									5.30
Liberty Hill	Red					1.77	.30	.27								.10	.75		.05	.21	T.	.38	.10										3.93
Logansport ‖	Sabine					.20	.20	.19									.78					1.68	2.29										5.34
Melville ‖	Red				T.			T.			.20		.93			T.	T.	.46					4.00	.30									5.89
Minden ‖	do					T.	.83	.15				.05				.02	.90		.04		.25	.40	.95	1.35									4.94
Monroe ‖	Ouachita					.02	1.14	.04				.88				.12	1.19	.04	.12	.02		.02	.94	.10									4.63
Morgan City ‖	Coast								.51		.50		T.					.02	T.				2.20	1.06									4.29
Napoleonville	do					T.							.25				T.			.25		1.90	.95										3.35
Newellton	Mississippi																																
New Iberia	Coast						.10	1.20				.25	.20				.60					1.25	4.02										7.62
New Orleans (1)	do						.81	1.06				.06		.78			.89		T.	.55		.01	3.77	.01									7.94
New Orleans (2)	do			1.19			.25	1.11					.16	1.84			.14						2.57	.03									7.29
New Orleans (3)	do			.30			.20	.38				.07		.61			.16						3.08										4.82
New Orleans (5)	do			.55			.49	1.45				.12		1.41			.20						3.82										8.04
New Orleans (6)	do						.58	1.12				.05		.65			.76			.16			4.52										7.84
New Orleans (7)	do						.52	1.00	.13			.01		1.58			.39			.10		.01	2.55										6.29
New Orleans (8)	do						.52	1.13				.05		.38	.10		.56			.28			2.20										5.22
Opelousas ‖	do								T.				.49				.38	1.08					2.91	.25									5.11
Paradis	do													1.60							2.00		1.75										5.35
Pearl River ‖	Pearl							.06	T.			.02	.44			.12	.56	.46					2.46	.70									4.82
Plain Dealing	Red				.06	1.12	.59									.08				.21	T.	.44	1.38										3.88
Rayne ‖	Coast							T.				.80	.20				T.	.60				1.40	1.70	.26									4.96
Reserve ‖	do							.22	.54				1.09		.03			.27					1.32	.90									4.37
Richland Plant'n	Red											.16	.34			1.05	1.70	.10			T.	.10	.96	.05									4.46
Robeline ‖	do						1.03	.10					.25				.75				.50	.70	.40										3.73
Ruston	Ouachita				.50	1.73	.73	.16		.04	.12					.08	.34			2.00		.55	.16										6.41
St. Francisville ‖	Mississippi					.10			.88		.06	.29			*	*	*	*	*	*	*	*	4.12	.57									6.02
Schriever ‖	Coast								.40	.60													2.50	.50									4.00
Shreveport	Red			T.	T.	1.16	.34					T.			T.	.86	.16			.13	.34	.09	.03										3.11
Simmesport ‖	do						T.	.04		.03			.04			.08	T.	.53			.05		1.65	1.85									4.27
S. Univ. Farm	Coast			.37			.45	.19				.07		T.			.45						2.75										4.28
Sugartown	do					1.08						.57					2.30					2.47	.43										6.85
Tallulah ‖	Mississippi						.23										.70	.16		.05			.42	.72									2.28
Walker ‖	Coast					1.00	.25	.50		.50		1.50					.25					4.25	1.25										9.50

* Precipitation included in that of the next measurement.
‡ Separate dates of falls not recorded.
‖ Precipitation for the 24 hours ending on the morning when it is measured.
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures at selected stations for May, 1913. District No. 7, Lower Mississippi Valley.*

Date.	Colorado.						New Mexico.				Texas.				Kansas.										Oklahoma.			
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris.§§		Dodge City.		Ellenwood.		Iola.		Liberal.		Wichita.		Ardmore.§§		Bartlesville.§§	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	86	49	51	30	69	45	79	51	74	34	81	56	85	56	80	60	85	59	83	60	82	58	82	63	84	57	86	59
2....	81	38	42	20	70	40	76	50	69	30	81	59	82	56	79	61	77	63	81	60	88	56	73	64	74	59	82	61
3....	73	42	40	14	58	39	74	44	60	35	73	51	73	60	64	43	68	46	69	57	68	44	68	54	68	62	71	66
4....	73	40	48	16	69	30	76	46	67	31	60	45	74	64	60	48	60	48	64	57	63	51	64	54	73	57	74	58
5....	70	45	54	24	63	44	73	44	68	35	66	46	76	57	66	47	63	49	72	52	68	43	62	52	71	53	74	59
6....	70	48	59	23	76	42	75	47	75	43	69	47	70	57	66	43	68	40	68	48	66	44	66	47	72	54	73	54
7....	80	50	56	28	81	45	75	39	71	39	76	48	79	50	74	47	71	44	70	44	78	47	69	47	78	47	73	48
8....	88	45	56	29	77	44	78	50	70	43	72	52	82	2	83	52	80	55	76	51	84	55	75	57	82	48	80	52
9....	78	55	56	28	59	47	74	49	65	33	76	52	86	56	77	54	80	56	80	56	81	54	76	59	85	53	84	56
10....	77	48	60	31	70	48	88	49	79	37	74	52	88	60	70	54	71	57	70	48	71	55	70	54	86	55	87	60
11....	89	53	59	31	85	49	90	55	81	39	86	54	82	60	84	56	78	48	76	48	84	54	76	48	88	60	78	57
12....	85	51	62	29	80	54	90	57	81	47	92	53	91	59	85	60	85	59	80	57	89	54	80	66	92	62	83	64
13....	92	49	52	31	81	51	86	53	77	48	89	58	88	60	93	63	90	63	84	64	94	59	87	66	88	66	87	67
14....	84	55	47	21	66	47	79	46	68	45	82	56	86	64	81	50	88	63	79	66	86	61	83	65	87	67	82	68
15....	79	35	47	21	75	38	81	49	70	34	74	44	78	59	75	39	78	42	75	57	76	42	74	52	72	70	77	61
16....	90	43	50	31	83	43	84	45	78	31	86	51	80	58	86	50	86	48	82	53	89	50	81	53	80	55	84	63
17....	85	43	56	32	69	50	78	46	75	45	76	55	89	57	74	53	80	56	74	60	78	52	72	58	92	60	90	64
18....	90	61	61	29	84	48	82	47	80	47	82	52	88	58	75	48	79	45	79	54	79	51	75	52	86	65	79	60
19....	89	60	55	29	81	55	87	52	78	41	88	62	88	64	91	62	92	64	84	64	90	64	86	64	90	65	87	65
20....	86	49	45	24	66	52	86	53	75	42	76	52	82	64	71	51	83	56	80	59	74	52	81	55	85	69	83	67
21....	75	51	50	28	73	47	76	55	72	45	73	50	88	65	68	48	72	45	65	51	68	49	68	48	76	66	72	58
22....	78	45	64	24	73	45	76	50	72	43	77	50	77	64	73	45	70	51	68	46	79	47	69	52	78	56	75	54
23....	88	47	65	30	81	46	84	49	80	43	85	48	75	56	81	46	80	40	68	45	83	48	74	46	80	54	74	50
24....	94	49	64	34	88	50	90	50	85	39	90	57	78	54	86	54	85	55	77	46	91	46	79	48	85	50	78	53
25....	98	54	62	31	90	51	80	64	81	50	94	63	83	55	91	62	94	59	79	60	95	61	88	62	90	60	84	62
26....	94	57	69	34	86	53	86	53	80	53	92	67	92	61	89	62	87	59	78	59	91	59	83	64	97	65	89	67
27....	94	61	64	35	88	55	81	61	79	45	87	64	87	64	87	60	90	56	86	52	89	62	86	58	93	60	87	58
28....	98	61	64	33	89	60	90	61	80	44	93	59	89	60	96	65	95	67	86	60	97	61	90	65	96	60	88	58
29....	99	54	69	32	91	54	91	62	83	43	94	64	91	60	98	67	104	63	95	65	98	65	100	67	97	67	95	65
30....	96	64	69	34	80	57	82	58	80	42	93	64	92	66	96	66	102	65	97	67	98	67	98	69	98	67	96	66
31....	98	55	67	31	88	49	80	59	77	47	92	62	95	64	96	60	101	61	98	66	96	75	97	68	100	63	98	65
Mns..	85.7	50.2	56.9	28.0	77.1	47.7	81.5	51.4	75.2	41.1	81.7	54.6	83.7	59.4	80.5	54.1	82.0	54.3	78.1	55.9	83.0	54.4	78.5	57.3	84.6	59.4	82.3	60.2

Date.	Oklahoma.														Missouri.										Bland-ville, Ky.		Jackson, Tenn.	
	Enid.§§		McAlester.		Mangum.§§		Muskogee.§§		Oklahoma.		Weather-ford.§§		Wood-ward.		Caruthers-ville.		Ironton.§§		Lamar.§§		Olden.		Spring-field.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	86	59	86	59	80	53	77	62	82	59	83	59	81	63	84	50	84	41	84	56	.....	.....	80	58	80	55	86	43
2....	73	62	81	63	77	60	67	62	72	62	74	60	80	66	86	56	83	46	84	59	.....	.....	79	59	82	59	83	55
3....	78	62	74	65	86	62	77	64	78	56	88	61	70	53	83	59	81	59	84	59	.....	.....	70	60	79	58	82	54
4....	79	55	73	61	66	56	66	60	70	56	70	57	64	56	79	65	76	61	75	58	.....	.....	73	60	76	64	82	60
5....	64	54	72	55	74	52	66	56	67	53	67	54	66	53	81	65	79	60	75	58	.....	.....	73	53	78	64	84	54
6....	61	47	70	57	74	49	72	57	68	50	68	47	67	30	75	59	62	55	69	51	.....	.....	64	46	71	58	78	61
7....	71	43	75	45	78	45	74	46	71	47	77	42	75	44	76	51	70	38	72	41	.....	.....	68	47	70	49	74	50
8....	76	51	82	50	85	49	78	53	76	53	83	44	83	54	81	50	80	35	78	53	.....	.....	75	52	76	52	83	47
9....	82	53	85	55	86	49	80	56	80	60	86	50	83	55	89	55	84	42	83	53	.....	.....	78	57	80	57	87	51
10....	80	56	86	58	88	60	72	58	80	60	82	55	74	57	74	58	57	44	75	55	.....	.....	72	53	68	50	78	55
11....	82	55	84	61	90	61	75	62	82	61	89	56	78	62	64	53	56	45	74	53	.....	.....	65	48	68	47	.....	.....
12....	82	56	85	60	94	69	83	60	85	63	92	60	89	59	75	46	74	36	83	55	.....	.....	75	50	71	48	83	54
13....	91	64	87	66	97	59	77	63	86	66	93	63	95	66	86	53	87	45	87	55	.....	.....	85	60	83	52	88	53
14....	85	65	85	67	91	63	75	66	81	60	89	63	89	64	89	64	87	57	84	66	.....	.....	82	64	85	64	89	65
15....	72	52	78	58	64	54	77	61	69	55	73	52	78	46	87	66	83	60	77	62	.....	.....	72	59	82	69	84	66
16....	84	54	84	57	76	54	86	58	77	57	87	53	88	48	75	61	68	56	80	58	.....	.....	75	59	70	59	73	58
17....	80	61	90	60	78	58	76	62	90	63	96	58	80	59	84	59	83	54	84	58	.....	.....	80	58	79	61	.....	.....
18....	88	57	79	57	80	58	82	59	79	60	91	57	81	52	80	67	77	56	79	58	.....	.....	74	55	75	60	.....	.....
19....	91	64	87	64	80	58	77	66	84	63	92	58	93	60	87	60	80	46	87	60	.....	.....	80	62	79	61	87	55
20....	85	62	83	69	88	58	77	62	81	61	85	59	84	58	90	65	86	55	80	64	.....	.....	81	65	84	61	89	61
21....	75	49	68	64	78	57	68	63	72	55	72	51	73	48	80	65	79	62	67	55	.....	.....	69	54	74	66	76	65
22....	80	49	73	56	85	52	67	55	74	50	81	49	80	45	72	55	68	52	69	47	.....	.....	66	49	69	54	70	57
23....	78	44	72	51	88	52	71	50	74	50	82	47	82	43	62	50	62	50	68	44	.....	.....	61	46	60	50	61	51
24....	90	52	80	49	89	56	77	48	78	52	85	53	87	57	75	51	77	36	79	45	.....	.....	74	47	71	51	71	58
25....	92	52	83	57	101	58	83	57	87	60	95	56	95	62	81	51	78	47	82	50	.....	.....	76	55	75	53	79	48
26....	93	55	90	66	99	62	84	63	90	60	95	59	93	71	83	62	82	60	81	65	.....	.....	80	58	77	60	81	58
27....	89	56	85	58	100	59	85	61	86	59	94	54	90	53	80	57	79	50	85	51	.....	.....	79	52	72	55	77	57
28....	94	64	88	57	101	61	91	58	89	64	97	61	98	64	89	51	89	45	87	51	.....	.....	84	58	85	53	85	49
29....	100	65	91	65	101	64	92	63	94	66	98	64	101	66	90	57	89	50	93	63	.....	.....	90	62	86	65	89	56
30....	100	60	92	67	101	61	94	68	94	64	100	59	101	67	91	68	93	71	95	69	.....	.....	90	71	88	72	92	63
31....	102	61	95	66	101	59	96	66	95	63	100	62	100	64	101	68	97	61	97	67	.....	.....	90	69	93	69	97	68
Mns..	83.3	56.1	82.0	59.5	86.1	57.0	78.1	59.5	80.4	58.3	85.9	55.6	83.8	56.3	81.6	58.0	78.4	50.8	80.5	56.1	.....	.....	76.1	56.3	77.0	57.9	81.7	55.9

TABLE 3.—*Maximum and minimum temperatures for May, 1913. District No. 7*—Continued.

Date.	Tennessee.				Arkansas.																		Mississippi.					
	Kenton.		Memphis.		Bentonville.		Dardanelle.§§		El Dorado.§§		Fort Smith.		Hardy.		Little Rock.		Pine Bluff.§§		Texarkana.§§		Wynne.§§		Clarksdale.§§		Corinth.§§		Greenville.§§	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	82	46	82	59	81	58	85	51	85	52	85	60	82	52	82	59	85	49	92	59	85	49	85	51	86	48	84	53
2....	83	51	83	65	80	58	84	55	82	55	82	60	82	57	80	62	84	56	86	64	85	56	84	58	86	54	82	55
3....	82	54	82	63	70	62	76	58	79	59	74	66	79	61	77	63	82	61	76	60	84	62	83	56	82	56	82	57
4....	81	52	78	68	75	58	74	60	77	62	74	66	76	65	76	67	85	65	84	62	76	63	80	63	84	62	80	59
5....	80	60	78	67	73	55	72	58	65	59	76	59	76	59	69	59	68	57	76	57	70	67	81	66	86	64	79	68
6....	76	59	74	58	64	51	65	58	70	55	67	54	67	52	70	58	75	57	70	59	69	60	80	60	78	60	81	60
7....	73	37	72	55	70	41	73	49	75	52	74	49	72	41	71	52	73	54	81	50	75	48	77	57	75	56	78	57
8....	.....	47	78	55	77	47	76	47	80	52	77	52	80	46	77	52	80	60	84	60	82	45	84	53	84	51	84	57
9....	84	49	82	63	80	52	83	52	84	59	82	54	86	48	84	59	87	54	87	56	87	52	87	56	87	58	86	58
10....	76	55	77	59	79	56	81	55	84	61	82	59	70	46	79	61	84	60	87	59	79	57	84	57	80	58	87	61
11....	65	51	63	54	74	55	71	56	69	61	72	60	62	48	68	56	70	57	75	60	66	59	63	56	67	52	74	62
12....	75	44	76	51	76	56	74	54	83	56	76	58	69	43	77	52	81	53	87	55	79	45	80	49	81	47	80	54
13....	85	50	84	64	84	61	88	55	85	58	89	62	89	54	86	62	88	55	88	59	91	55	85	58	86	56	89	56
14....	86	66	84	67	80	64	84	60	83	62	83	63	86	63	83	65	85	63	88	63	86	65	87	65	84	64	87	64
15....	85	66	75	64	78	59	78	61	75	65	78	61	83	62	76	64	72	65	82	65	82	66	77	67	84	64	82	66
16....	78	58	71	62	79	58	79	59	79	61	82	59	73	60	79	62	78	62	89	58	78	63	75	62	71	60	78	62
17....	81	61	84	62	86	56	87	58	87	60	90	61	83	58	86	61	87	60	93	62	86	56	87	62	84	64	86	61
18....	80	60	80	66	77	58	80	62	85	65	78	61	80	59	81	62	86	63	90	60	87	64	85	64	87	58	86	64
19....	84	57	86	63	82	62	86	65	88	64	89	65	84	59	87	64	89	63	91	66	88	63	89	62	88	58	90	63
20....	85	59	85	69	79	65	84	64	86	65	83	64	86	62	84	67	87	64	87	65	90	66	88	64	88	63	88	65
21....	71	65	74	64	68	55	77	66	76	68	76	63	79	67	76	66	71	66	85	67	76	65	79	69	80	64	84	68
22....	71	57	68	57	69	51	73	57	66	62	73	59	74	53	72	58	68	63	77	63	65	57	65	64	68	64	71	65
23....	60	49	60	53	66	45	71	53	71	51	70	54	66	57	66	56	68	53	74	55	65	50	68	52	62	52	68	56
24....	71	52	70	54	75	43	74	48	75	46	74	50	77	44	73	53	75	47	78	49	75	46	73	48	71	54	75	50
25....	78	48	79	59	79	53	79	52	80	51	80	56	80	57	78	57	80	51	84	50	81	50	80	51	80	50	81	53
26....	87	60	80	64	83	60	87	58	85	55	89	64	89	61	85	62	87	58	89	53	86	60	84	59	79	58	86	61
27....	75	55	75	59	80	52	83	57	83	56	85	62	83	54	81	63	84	63	90	59	81	58	81	62	75	58	85	66
28....	83	49	83	60	84	52	86	53	86	54	87	58	92	51	86	60	88	53	90	55	88	52	87	54	86	56	87	55
29....	86	57	85	69	88	58	90	55	89	58	92	64	92	59	88	62	91	56	93	55	88	57	90	58	91	56	90	58
30....	89	67	87	70	89	67	91	66	90	64	92	69	98	69	91	68	91	65	94	64	94	67	91	65	92	63	93	64
31....	93	65	91	72	91	64	92	66	92	62	95	69	98	66	91	71	93	65	95	61	93	69	94	66	98	70	94	68
Mns..	79.5[a]	53.5	78.3	61.8	77.9	55.9	80.1	57.0	80.5	58.4	80.8	60.0	80.4	55.6	79.3	60.7	81.4	58.3	85.2	59.0	81.2	57.8	81.7	59.2	81.6	58.0	83.1	60.2

Date.	Mississippi.						Louisiana.																					
	Kosciusko.§§		Natchez.§§		Vicksburg.		Alexandria.§§		Baton Rouge.§§		Covington.§§		Lafayette.§§		Lake Charles.§§		Monroe.§§		New Orleans.		Robeline.§§		Schriever.§§		Shreveport.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	85	50	83	51	80	59	86	55	85	58	86	52	84	58	85	53	85	53	85	63	85	55	87	55	82	60
2.....	83	54	76	55	81	61	82	56	85	60	84	54	82	56	82	52	83	56	81	63	83	51	88	54	80	59
3.....	83	51	82	59	80	58	82	57	85	62	84	57	82	63	83	58	80	58	81	65	78	53	86	61	75	63
4.....	84	54	82	58	80	64	81	56	84	65	84	63	83	68	82	62	77	67	80	66	80	60	86	65	78	66
5.....	85	61	77	65	80	61	84	66	85	66	87	65	84	69	84	61	78	66	85	67	81	60	89	66	80	59
6.....	80	61	86	50	79	61	80	51	83	62	85	66	84	60	82	53	79	57	82	64	75	55	85	65	70	59
7.....	72	57	75	50	75	60	78	57	81	57	80	58	79	62	75	56	77	57	73	62	77	54	81	68	75	55
8.....	83	54	72	55	81	60	82	56	82	57	83	56	88	58	85	56	81	55	80	62	83	50	82	56	80	56
9.....	86	56	86	57	84	65	86	57	87	60	87	57	83	59	88	55	86	59	81	65	88	50	85	53	84	61
10.....	87	58	87	58	84	62	89	58	88	61	90	58	85	59	91	58	87	61	85	68	90	55	89	57	88	63
11.....	73	57	85	60	79	62	87	61	85	62	87	60	87	62	90	57	78	60	88	68	87	58	87	61	76	63
12.....	82	53	83	57	81	59	86	58	87	63	86	59	84	60	88	55	84	59	81	64	90	56	87	58	86	60
13.....	86	57	86	60	85	65	88	59	89	66	87	61	85	61	85	58	89	63	85	68	89	56	90	59	86	64
14.....	85	62	87	62	83	64	86	63	88	66	86	63	85	63	86	60	87	62	85	68	88	59	89	60	86	64
15.....	84	66	80	65	82	64	85	65	85	68	86	64	85	67	86	64	85	65	85	70	87	60	89	63	82	60
16.....	75	62	76	67	74	64	82	64	75	69	81	66	79	70	87	59	81	64	84	66	81	61	81	66	81	60
17.....	87	61	86	61	85	61	89	62	87	65	83	62	86	62	89	58	88	61	85	68	93	57	91	59	88	63
18.....	90	61	89	61	88	66	90	63	90	67	85	63	88	64	92	59	90	64	89	71	92	61	91	62	89	66
19.....	90	61	84	63	86	67	92	66	90	69	90	64	88	66	90	62	90	63	83	69	90	64	91	64	88	68
20.....	87	62	87	63	84	64	87	65	87	66	88	63	86	66	86	61	87	65	86	72	88	60	92	61	83	64
21.....	80	65	84	68	83	65	82	66	86	70	87	66	86	69	86	61	86	70	85	72	85	63	88	66	84	67
22.....	71	66	67	64	71	61	76	66	72	67	72	68	73	68	74	62	70	65	81	68	81	65	80	67	72	61
23.....	67	52	80	56	69	55	76	53	76	57	79	61	75	58	79	54	73	54	75	62	77	50	77	64	73	58
24.....	73	52	74	49	72	54	77	52	79	54	83	50	74	54	80	52	76	50	74	57	78	48	77	52	75	54
25.....	80	50	79	51	80	57	82	52	82	58	85	51	80	55	85	51	82	53	79	62	84	48	84	55	81	56
26.....	84	56	78	56	82	61	87	57	85	63	85	53	83	58	86	50	88	58	83	66	89	57	87	57	86	62
27.....	82	60	82	65	84	67	90	59	89	64	81	61	88	63	92	58	86	65	88	67	90	60	90	60	84	67
28.....	86	53	82	58	85	62	88	59	88	63	88	60	87	63	91	62	87	56	84	69	90	53	89	61	86	62
29.....	90	56	83	56	85	64	90	59	89	64	90	57	89	61	91	61	90	58	88	69	90	55	92	62	82	66
30.....	91	58	89	58	88	68	91	61	90	67	90	61	88	62	92	58	92	66	86	70	91	62	91	61	88	68
31.....	94	63	91	61	90	70	96	65	91	68	90	64	88	64	95	57	94	65	89	70	91	64	92	62	91	68
Mns.....	82.7	57.7	81.9	58.7	81.3	62.3	85.1	59.5	85.0	63.4	85.1	60.1	83.8	62.2	86.0	57.5	83.7	60.5	83.1	66.5	85.5	58.1	86.9	60.6	82.1	62.0

[a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.
§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.