CLIMATOLOGICAL DATA FOR MAY, 1911.

DISTRICT NO. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Cool weather prevailed at the opening of the month, minimum temperatures being below 40° generally over the northern and western portions of the district, and below 32° in the mountainous portions of the Colorado and New Mexico areas. On the 5th a warm wave overspread the district, which continued until the 10th, giving maximum temperatures above 85° in all parts of the district, and above 95° in parts of the Colorado area. From the 11th to 15th cooler weather prevailed generally, but from the 16th to 18th another period of high temperatures prevailed, giving maximum temperatures above 90° in all parts of the district. From the 19th to 22d cool weather prevailed, day temperatures being below 70° in parts of the northern and western portions of the district and the night temperatures were below 40° in some localities. From the 23d to the close of the month unseasonably high temperatures prevailed throughout the district, except that from the 27th to 29th cool weather overspread the northern and western portions. During this warm period temperatures were much above the normal, and maximum readings were above 90° every day at many stations and above 100° in some localities.

Periods of precipitation were fairly well defined, but it is impracticable to generalize them for the district as a whole. Over the Colorado and New Mexico areas there were four periods of general precipitation, viz, 5th–8th, 14th–15th, 19th–21st, and 28th–31st, and scattered showers occurred on other dates. The precipitation was well distributed throughout the month. In the Texas area there were two periods of general rain, viz, 11th–16th and 26th–30th. The amounts were heavy in the Panhandle, but were light and insufficient elsewhere. In the Kansas area there were four periods of precipitation, viz, 3d–6th, 11th–16th, 19th–22d, and 27th–31st. The precipitation was well distributed over this area generally. In Oklahoma there were four periods of light precipitation, viz, 3d–5th, 11th–14th, 20th–21st, and 27th–30th. The amounts were insufficient for agricultural needs and at the close of the month rain was needed in practically all sections of the State. In the Missouri area there were four periods of light scattered showers, viz, 3d–4th, 11th–12th, 18th–21st, and 28th–31st. The monthly amounts were generally less than 1 inch and rain was needed in all portions of this area at the close of the month. Over the Tennessee area there were two periods of general precipitation, viz, 1st and 19th–22d, although scattered light showers occurred on the 12th–14th and 29th–31st. The drought in that State was severe in many localities at the close of the month. In Arkansas there was but one period of general precipitation, viz, 19th–21st, and at this time good showers occurred over nearly all parts of the State. A few scattered showers occurred on other dates, but at the end of the month more rain was needed in all localities. Over the Mississippi area there were three periods of showers, viz, 12th–14th, 19th–22d, and 28th–31st. Although local showers occurred on other dates, the drought was severe in many localities and at the close of the month rain was needed in all parts of this area. In Louisiana there were four periods of precipitation, viz, 1st–3d, 11th–13th, 18th–21st, and 29th–31st. Scattered showers occurred on other dates. At the close of the month rain was generally needed and the drought was severe in many parishes.

Speaking of the district as a whole, the monthly precipitation was well distributed and sufficient for agricultural and commercial needs over the western portion, but over the remainder of the district a severe drought was prevailing at the close of the month.

TEMPERATURE.

Mean temperatures for the month were above the normal in all parts of the district, the departures ranging from +0.4° to +4.4°, except that there was a deficiency at some stations in Louisiana ranging from −0.1° to −0.5°. The region of greatest excess in mean temperature was over the northeastern portion of the district. The warmest weather occurred generally at the close of the month, when the maximum temperatures were above 95° at some stations in all States and areas and were above 100°, except in the Colorado and New Mexico areas. The highest temperature for the district, 105°, occurred at Abbeville, La.; a maximum reading of 104° was recorded at Henrietta, Tex., and 103° at Greenwood, Miss. In some localities the maximum temperature was the highest ever recorded during the month of May. The monthly minimum temperatures occurred generally on the 1st or 2d in the western and northern portions, and on the 5th or 6th in the southeastern portion of the district, and were below 40°, generally, except in the southeastern portion of the district, where they were below 50°. The lowest temperature recorded during the month was 11° at Elizabethtown, N. Mex., and a minimum of 16° was recorded at Lake Moraine, Colo. Taken as a whole, temperature conditions were favorable during the first and second decades for all interests, but during the third decade the high temperature, coupled with the insufficient rain in many portions of the district, interfered with all agricultural and commercial interests.

Monthly mean temperatures and departures from the normal for the various States and areas are reported as follows: Colorado area, 55.8°, +2.7°; New Mexico area, 60.4°, +1.0°; Texas area, 69.0°, +1.8°; Kansas area, 67.4°, +2.6°; Oklahoma, 71.3°, +4.0°; Missouri area, 69.3°, +3.9°; Tennessee area, 71.6°, +2.9°; Arkansas,

70.8°, +1.0°; Mississippi area, 72.9°, +1.4°; Louisiana, 74.4°, +0.4°.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—Less than the normal amount of precipitation occurred throughout this drainage area, except in New Mexico and at scattered stations in Colorado and western and central Kansas. Over the headwaters of the Arkansas River, in Colorado, the average from 37 stations was 1 inch, being about 1.2 inches below the normal. Over those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma the precipitation was unevenly distributed, being generally above the normal in Kansas and below in Oklahoma; the average from 43 stations was 3.56 inches, about 1.2 inches below the normal. The average from 19 stations in the Cimarron Valley was 3.03 inches, about 0.7 inch below the normal. The precipitation was uniformly distributed over the headwaters of the Canadian River, in New Mexico, the average from 38 stations being 2.76 inches, about 1.4 inches above the normal. Over those stretches of the Canadian Valley that lie in Texas and Oklahoma the precipitation was unevenly distributed, ranging from less than 1 inch to more than 5 inches; the average from 30 stations was 3.32 inches, about half the normal amount. The precipitation from 9 stations in the Verdigris Valley averaged 2.26 inches and the average deficiency was about 3.1 inches. In the Neosho Valley the average from 18 stations was 2.38 inches, about 3.4 inches below the normal. Over that portion of the Arkansas Valley below the Oklahoma-Arkansas line the precipitation was unusually light, the average from 15 stations being 1.10 inches, about 4.6 inches below the normal.

Red River and tributaries.—Heavy precipitation occurred in a few widely scattered localities over this drainage area, but generally the amounts were small. Over those portions of the Red River Valley that lie in New Mexico, Texas, and Oklahoma the precipitation from 41 stations averaged 2.45 inches, about 3.1 inches below the normal. Less precipitation occurred in the Red River Valley below the Texas-Arkansas line, where the amounts from 18 stations averaged 1.85 inches, about 2.9 inches below the normal.

Mississippi south of St. Louis and small tributaries.—Very little precipitation occurred during the month in this drainage area, but the amounts for the several valleys and the departures from the normal vary materially. In the immediate Mississippi Valley the amounts from 43 stations averaged 1.04 inches, about 3.5 inches below the normal. Over the valley of the Meramec the precipitation averaged about 4 inches below normal. The average precipitation from 22 stations in the White River Valley was only 0.85 inch and the average deficiency was about 4.4 inches. The average from 30 stations in the Yazoo Valley was 1.89 inches, about 2.5 inches below the normal, and the average for the valley of the Big Black was 1.12 inches, about 3.3 inches below the normal. Over the Ouachita Valley the average from 21 stations was 1.24 inches, about 3.6 inches below the normal.

Louisiana coastal plain.—More than the normal precipitation occurred at a few scattered stations, but generally there was a deficiency. The average from 31 stations was 3.45 inches, about 0.8 inch below the normal.

Monthly precipitation and departures from the normal for the various States and parts of States, in inches are reported as follows: Colorado area, 1.10, −0.98; New Mexico area, 2.74, +1.25; Texas area, 3.02, −2.16; Kansas area, 3.47, −0.78; Oklahoma, 2.61, −3.80; Missouri area, 0.87, −4.08; Tennessee area, 1.35, −2.75; Arkansas, 1.11, −4.28; Mississippi area, 1.73, −2.68; Louisiana, 2.82, −1.40.

SNOWFALL.

The snowfall during the month was confined to the more elevated portions of the Colorado and New Mexico areas, except that a trace was recorded at 1 station in north-central Kansas. The amounts ranged from a trace to 11 inches, but owing to the high temperatures none of this remained upon the ground sufficiently long to be of use for purposes of irrigation. The average snowfall, in inches, for the various States and parts of States, derived from the records of such stations as reported snow, is as follows: Colorado area, 20 stations, 2.8 inches; New Mexico area, 10 stations, 1.4 inches; Kansas area, 1 station, trace.

RIVERS.

Only slight changes occurred in the Red River proper, but the Washita in Oklahoma rose rapidly during the closing days of the month as the result of heavy rains over the upper portion of that watershed.

There was a decided rise in the Canadian River during the latter part of the month due to heavy rains at its headwaters and over the Texas Panhandle and northwestern Oklahoma.

No decided rise occurred in the Cimarron during the month.

During May the volume of water discharged by the Arkansas in its upper reaches in Colorado was very close to normal. On the 2d a change from the low stage that prevailed throughout April began and lasted for a few days. Another rise was in progress at the close of the month. The Arkansas River continued low in Kansas, Oklahoma, and Arkansas. At Little Rock the water fell steadily from a stage of 9 feet on the 1st to 1.5 feet on the 24th, this being the lowest recorded in May during the last 32 years. The river was not navigable during the second and third decades.

Relatively high stages prevailed in the upper White River during the first decade, after which there was a steady fall and low stages prevailed at the close of the month. The lower White was 28.6 feet at Clarendon on May 1, after which there was a steady fall to 15 feet on the 31st.

There was a steady fall in the upper Ouachita at Camden from 31.4 feet on the 1st to 5.8 feet on the 29th. The lower Ouachita remained nearly stationary at Monroe, with stages ranging from 29 to 36 feet.

Below St. Louis high water prevailed in the Mississippi River at the opening of the month. At Memphis, Tenn., and Helena, Ark., there was a steady fall during the month, but the rise in progress at the close of April continued during the greater part of the first decade at stations below Arkansas City, after which there was a steady fall. The water was above the flood stage at Memphis on the 1st; Helena, 1st–2d; and Arkansas City, 1st–6th. From Vicksburg to the Gulf no flood stages occurred.

NOTES.

Fort Union, N. Mex. (M. C. Needham).—Range and crop conditions are very satisfactory. The hail of the 13th did considerable damage at this station, breaking window glass and shingles. Many young calves were killed during the storm.

TABLE 1.—*Climatological data for May, 1911. 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.																				
Blaine	Baca	3,935	19	63.6	+ 2.7	95	24	31	1	47	2.86	+ 0.72	0.95	0	8	10	12	9	se.	M. M. Myers.
Buena Vista	Chaffee	7,955	11	47.7		78	27†	20	2†	54	0.20		0.20	0	1				ne.	C. A. Short.
Calhan	El Paso	6,700	4	54.6		79	6†	27[a]	1†	38[a]	2.06		1.39	T.	10	20	5	6	sw.	H. B. Rice.
Canon City	Fremont	5,343	23	60.4	+ 1.2	88	5†	32	2	52	0.34	− 1.53	0.15	0	4	24	6	1	n.	G. C. Sherwood.
Colorado Springs	El Paso	6,098	31	55.0	+ 1.0	80	18	28	2†	40	0.65	− 1.75	0.39	0	6	11	14	6		Colorado College.
Cripple Creek	Teller	9,396	10								0.57	− 1.59	0.25	2.0	5					F. G. Willis.
Cuchara Camps	Huerfano	8,200	2								1.71		0.64	8.0	7	24	4	3	sw.	George A. Mayes.
Eads	Kiowa	4,209	4																	W. H. Lauck.
Fairview	Custer	9,500	2								1.13		0.57	8.0	3	18	13	0	ne.	Elizabeth L. Gray.
Fremont Experiment Station.	El Paso	8,850	1	45.9		70	30	20	2	37	0.93		0.26	0.5	6	22	5	4	w.	U. S. Forest Service.
Garfield	Chaffee	9,510	1								0.85		0.27	1.0	7	24	5	2		Lloyd N. Felton.
Hamps	Elbert	5,400	18	55.5	+ 2.1	86	18	24	11	49	2.17	+ 0.20	1.86	0	5	18	7	6	s.	W. Hamp.
Hermit Lake	Custer	10,000	1								1.64		0.33	11.0	10	16	12	3	sw.	John E. Graham.
Hoehne (near)	Las Animas	5,700	19	58.8	+ 1.8	90	25	27[a]	11	48[a]	0.81	− 0.99	0.38	0	3	23	7	1	sw.	S. W. De Busk.
Holly	Prowers	3,380	16	65.6	+ 5.5	96	24	29	1	41	0.97	− 0.89	0.75	0	4	18	5	8	se.	Holly Sugar Co.
La Junta	Otero	4,052									1.53		0.65	0	4	23	5	3	e.	Fred B. Mason.
Lake Moraine	El Paso	10,265	17	44.1	+ 4.3	66	18	16	2	38	1.43	− 1.85	0.39	5.5	8	12	11	8	sw.	Clyde C. McReynolds.
Lamar	Prowers	3,592	21	68.1	+ 5.3	99	8†	31	2	48	1.61	− 0.26	1.25	0	4	19	5	7	s.	J. T. Lawless.
Las Animas	Bent	3,899	43	65.7	+ 3.9	94	18†	32	11	49	1.50	− 0.35	0.73	0	6	12	6	13	s.	F. M. Tague.
La Veta Pass	Costilla	9,000	1								1.17		0.30	0.5	7	10	14	7	w.	Marine D. Wright.
Leadville	Lake	10,248	15	41.2	+ 1.5	67	31	17	11	39	0.70	− 0.45	0.38	4.2	6	8	21	2	s.	U. S. Weather Bureau.
Limon (near)	Elbert	5,360	4	55.7		86	18†	24	1	49	1.49		1.42	0	4	17	9	5	s.	F. L. Palmer.
Madrid	Las Animas		1								1.13		0.66	0	6					Thos. Sawyers.
Marshall Pass	Saguache	10,846	8								T.		T.	T.	0	14	6	1	w.	Wm. D. Lillard.
Monument	El Paso	7,200		50.1		77	18	20	1†	44						13	7	11	sw.	U. S. Forest Service.
North Lake	Las Animas	8,700	19								0.48	− 1.76	0.24	3.5	5	26	4	1	nw.	James W. Ingmire.
Pueblo	Pueblo	4,734	23	61.2	+ 1.7	88	18	31	2	43	0.40	− 1.44	0.18	0	5	11	14	6	se.	U. S. Weather Bureau.
Rocky Ford (near)	Otero	4,177	22	64.6	+ 4.4	93[a]	23	29[a]	2	49[a]	0.65	− 1.23	0.31	0	3	21	8	2	w.	P. K. Blinn.
St. Elmo	Chaffee	9,500	2								0.92		0.34	T.	7	16	15	0	sw.	Daniel Clark.
Salida	do	7,035	12	52.0	+ 0.1	79	23	23	2†	47	0.11	− 0.85	0.05	T.	4	29	2	0	w.	M. D. L. Buell.
Santa Clara	Huerfano	8,252	16	51.9	+ 1.6	80	30	23	2†	46	1.51	− 1.53	0.66	2.8	8	9	21	1		Lincoln G. Morris.
Sheridan Lake	Kiowa	4,065	9	67.4[d]		98	24	36	3	54[d]	1.34		0.90	0	4					Howard Gamble.
Stonewall	Las Animas	8,000	5								1.36		0.32	1.5	8	7	11	13		G. A. Storz.
Trinidad	do	5,994	15								0.18	− 1.65	0.05	0	7	21	8	2		Mrs. M. H. Butler.
Victor	Teller	10,100	7	48.1		68	19	23	1†	38	0.72		0.44	T.	3	21	10	0	e.	Fred Jones.
Vilas	Baca	3,935	20								3.18	+ 1.08	1.25	0	6	14	13	4	sw.	Carrie Konkel.
Wayne	El Paso										2.18		1.83	0	4	20	6	5	sw.	J. C. Groff.
Westcliffe	Custer	7,864	17	52.0	+ 3.3	78	16†	18	20	46	0.61	− 0.91	0.25	0	4	5	17	9	sw.	Zack Jordan.
Winfield	Chaffee	9,765	1								0.61		0.14	2.0	10	4	25	2	w.	John G. Payne.
Woodman Sanatorium	El Paso			55.2		80	18	24	2	39	0.38		0.15	0.6	6	16	9	6	se.	Dr. J. E. White.
Wortman	Lake	11,250	10								0.63	− 2.47	0.15	5.0	5	0	25	6	nw.	Geo. C. Wortman
New Mexico.																				
Abbott	Mora	5,771	2			92	23	38	1		2.60		1.55	0	6	15	7	9	s.	Agent, E. P. & S. W. R. R.
Albert	Union	4,700	20	65.3	+ 0.9	89	24	32	1	44	3.40	+ 1.41	1.60	0	5				w.	Andrew Knell.
Aurora	Colfax	8,849	2								2.92		0.82	4.0	11	0	23	8	nw	Miss J. Lucero.
Bell Ranch	San Miguel	4,500	12	66.1		93	24†	35	1	47	4.86	+ 2.85	3.13	0	8	8	19	4	sw.	C. M. O'Donel.
Black Lake	Colfax	8,348	2								2.49		0.71	4.0	7	6	14	11	w.	Ralph T. Martinez.
Cabeza	San Miguel	5,406	2								2.97		1.46	0	6	2	24	5	sw.	Agent, E. P. & S. W. R. R.
Campana	do	4,493	2								3.40		1.15	0	6	3	19	9	sw.	Do.
Chacon	Mora	9,000	2								2.13		1.02	2.0	7	6	19	6	w.	Alfred Lucero.
Cimarron (near)	Colfax	6,385	7	57.3		84	24	24	1	45	2.61		0.62	0	10	12	9	10	se.	Wm. French.
Clayton	Union	5,178	6	63.2		88	31	31	1	40	3.66		1.24	0	7	18	10	2	w.	Dr. W. W. Chilton.
Clovis	Curry	4,129																		C. R. Worrall.
Cuervo	Guadalupe	4,849	2	66.4		90	22	36	1	43	1.03		0.91	0	4	15	15	1	s.	Agent, E. P. & S. W. R. R.
Dawson	Colfax	6,296	2								2.43		1.00	0	8	4	17	10		Do.
Elizabethtown	do	8,465	5	45.4		75	30	11	11†	58	1.80		0.61	2.8	9	15	10	6	sw.	Miss M. Carrington.
Folsom	Union	6,399	12	57.6	+ 2.4	84	24	20	1	50	2.79	+ 0.17	1.17	T.	7	14	15	2	sw.	David Rope.
Fort Union	Mora	6,835	51	53.8	− 2.8	80	13†	21	1	45	3.30	+ 1.66	1.15	0	11	19	6	6	sw.	M. C. Needham.
Hayden	Union	4,444	2	64.8		94	23	26	1	41	2.98		0.82	0	8	10	18	3	sw.	James B. Dickson.
Johnsons Park	Colfax	6,722	2								3.35		1.13	T.	10	11	13	7	sw.	A. J. Meloche, jr.
Kappus	Quay	4,000									3.30		2.40	0	7					Anthony Kappus.
Lake Alice	Colfax	7,160	2																	Raton Water Co.
Logan	Quay	3,851	5	68.2		95	26	28	29	48[e]	4.50		3.46	0	5	22	9	0	sw.	John B. Reneau.
Los Alamos	San Miguel	6,789	6								2.44		2.10	0	9					Antonio Pacheco.
Lykins (near)	Roosevelt	5,000	1								2.66		1.80	0	6	19	11	1	se.	J. G. Buchanan.
Maxwell (near)	Colfax	5,894	4								2.06		1.32	0	6					Dan N. Jackson.
Melrose	Curry	4,400	3								2.25		0.70	0	6					Dr. B. M. Porter.
Miami Ranch	Colfax	6,000	3	59.8		85	30	32	21	43	2.61		1.78	0	4	10	18	3	sw.	Farmers Development Co.
Montoya	Quay	4,335	2								0.46		0.25	0	4	7	14	10	s.	Agent, E. P. & S. W. R. R.
Mount Dora (near)	Union	5,600	1			82	27	35	1		2.42		1.10	0	7	14	9	8	sw.	Edwd. F. Grygla.
Nara Visa	Quay	4,225	5	66.4		92	9†	31	1	39	2.83		1.34	0	7	22	7	2	sw.	Geo. Bringle.
Ocate	Mora	7,500									3.42		2.36	T.	6	6	12	13	w.	Mrs. John R. Strong.
Optimo	do	6,400	1																	R. K. Odell.
Pasamonte	Union		1								2.33		0.82	0	7	17	5	9	sw.	J. J. Heringa.
Pleasant View	Mora																			R. W. Boulware.
Portales	Roosevelt	4,004	2																	Portales Irrigation Co.
Raton	Colfax	6,660	13	58.2	+ 1.3	85	24	25	1	40	2.79	+ 0.94	0.88	0.1	12	18	7	6	s.	Prof. R. C. Crumm.
Rociada	San Miguel	8,200	7	53.3		79	10†	22	1	44	1.76		0.50	1.0	10	15	14	2	w.	J. Ernest Dailey.
Rosebud	Union	4,500									2.76		0.69	0	7					H. A. Nachtrieb.
Roy	Mora	5,884	2								3.36		1.85	0	8	3	16	12	w.	Agent, E. P. & S. W. R. R.
San Jon	Quay	4,200	4	67.8		92	24	33	1	37	2.26		1.71	0	4	21	5	5	sw.	Jesse T. White.
Solano	Mora	5,622	2	60.6		85	25	29	2	43	3.70		1.73	0	7	14	11	6	sw.	F. M. Hughes.
Springer	Colfax	5,857	15	62.2	+ 3.2	90	23†	28	1	52	2.24	+ 0.48	1.00	0	9	21	8	2	w.	Agent, A. T. & S. F. R. R.
Taylor	do	5,661	2								2.80		1.40	0	9	1	18	12	sw.	Agent, E. P. & S. W. R. R.
Trementina	San Miguel	5,000	3								2.97		1.08	0	5	11	15	5	se.	Miss Alice Blake.
Tucumcari	Quay	4,194	6	68.2		92	25	33	1	39	0.92		0.60	0	5	20	10	1	sw.	John F. Seaman.
Valley	Union	5,000	6								6.15		3.70	0	6	21	6	4	s.	Miss M. L. Payne.
Vance (near)	do										4.40		1.52	0	8	13	13	5	sw.	C. E. Anderson.
Vermejo Park	Colfax	7,600	6	52.0		78	24	19	1	50	1.03		0.30	T.	5	12	7	12	w.	H. W. Adams.
Wagon Mound (near)	Mora	6,300	2	56.7		84	24	21	1	46	4.35		1.77	0	9	17	8	6	sw.	Guy L. Barnes.
Texas.																				
Amarillo	Potter	3,676	19	65.6	+1.3	92	9	36	1	39	5.88	+2.21	2.90	0	8	15	14	2	se.	U. S. Weather Bureau.
Archer City	Archer		1								0.29		0.29	0	1	21	9	1	s.	Chas. H. Thuman.

TABLE 1.—*Climatological data for May, 1911. 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*—Continued.**																				
Arthur City	Lamar	590	19								0.65	−5.23	0.35	0	4	25	1	5		V. V. Bright.
Bonham	Fannin	566	8																	R. A. Lovelace.
Canadian	Hemphill	2,339	3	66.3		94	9	36	22	52	3.84		1.85	0	6	17[b]	9[b]	3[b]	s.	Canadian Academy.
Childress	Childress	1,869	18								1.50	−1.50	1.00	0	2	15	8	8	s.	W. E. Davis.
Chillicothe	Hardeman	1,406	3								1.93		0.89	0	7					A. B. Conner.
Clarendon	Donley	2,719	6	69.0		95	9†	37	1	48	5.31		2.27	0	8	18	0	13	se.	Whitfield Carhart.
Clarksville	Red River	442	11	73.8	+1.7	100	31	43	1	43	2.19	−4.59	1.42	0	3	22	7	2		J. W. O'Neill.
Claude	Armstrong	3,397	6								5.62		2.04	0	6					Ft. Worth & Denver City Ry.
Dalhart	Dallam	3,998	6	65.5		93	9	30	1	45	3.37		0.83	0	8	11	5	15	sw.	F. L. Kennard.
Denison	Grayson		3								1.97		0.85	0	4	22	4	5	s.	E. B. Wilson.
Finley	Bowie		1								1.49		0.83	0	2	26	2	3	s.	Robt. L. Smith.
Henrietta	Clay	915	19	74.4	+3.2	104	19	42	1†	50	0.13	−4.35	0.05	0	3	13	12	6	s.	C. K. Brown.
Hereford	Deaf Smith	3,750	6																	A. C. Elliott.
Lewis Ferry	Bowie		2								2.18		1.10	0	2	22	0	9	s.	P. G. Ruff.
Memphis	Hall	2,067	6	69.8		92	11†	41	2	41	5.85		1.90	0	7	14	8	9	sw.	Ft. Worth & Denver City Ry.
Miami	Roberts	2,743	5	69.1		95	23	38	2	43	5.07		1.83	0	8	18	5	8	s.	J. E. Kinney.
Mobeetie	Wheeler		17								4.50	+0.83	1.60	0	5	18	3	10	s.	Dr. W. J. Joss.
Nazareth	Castro		5																	Rev. P. A. Kaelin.
Ochiltree	Ochiltree		3								3.90		1.00	0	8					S. J. Allen.
Pampa	Gray	3,226	2																	B. E. Finley.
Paris	Lamar	592	22	72.2	+1.1	99	31	44	1†	37	3.31		1.56	0	5	20	6	5	se.	Robert A. Miller.
Plemons	Hutchinson		4	65.8		95	9	32	1	45	5.51		3.09	0	9	17	6	8	se.	C. S. Soloman.
Quanah	Hardeman	1,563	6	73.0		98	10†	41	1	37	1.50		0.50	0	4	14	5	12	s.	Wm. H. Crawford.
Ringo Crossing	Hopkins		1								1.57		0.67	0	3	17	5	9	sw.	H. J. Palmer.
Romero	Hartley		1	66.0		94	25	29	1	45	3.51		1.87	0	8	13	16	2	s.	R. S. Chamberlain.
Sherman	Grayson	745	18																	R. A. Gibbs.
Texline	Dallam	4,694	6								6.53		3.00	0	6					Ft. Worth & Denver City Ry
Tulia	Swisher	3,501	10	66.2		90	9†	33	1	42	1.75	−2.46	1.26	0	5	9	20	2	s.	Lou Mulhall.
Wichita Falls	Wichita	958	4								0.19		0.18	0	2	26	2	3	s.	R. A. Thompson.
Winfield	Titus										1.92		1.60	0	2	23	4	4	s.	J. C. Bostick.
Kansas.																				
Alden	Rice	1,684	1								3.16		0.75	0	11				s.	L. B. Wait.
Anthony	Harper	1,329	14	67.5		95	24†	35	2	47	6.75	+ 2.37	2.51	0	8	8	12	11	sw.	R. H. Beebe.
Ashland	Clark	1,951	23	67.1	+ 1.5	96	9	34	1	50	5.55	+ 2.41	1.07	0	14	15	13	3	s.	C. W. Carson.
Burlington	Coffey	1,010	18	68.2	+ 1.9	95	24†	30	2	39	2.02	− 2.87	0.44	0	8	1	29	1	s.	O. E. Sanford.
Chanute	Neosho	940	7	68.2		94	19	31	2	38	4.04		1.28	0	8	14	14	3	sw.	C. W. Brown.
Cimarron	Gray	2,700	5																	Fred Mallonee.
Coldwater	Comanche	2,090	14	66.0	0.0	91	9†	32	1	41	5.72	+ 2.74	1.30	0	11	16	8	7	s.	J. L. Stanley.
Columbus	Cherokee	898	21	69.2	+ 3.3	94	26†	33	2	41	1.14	− 5.20	0.52	0	8	21	7	3	sw.	O. E. Skinner.
Coolidge	Hamilton	3,348	14	64.8	+ 1.4	98	24	28	1	52	1.15	− 1.23	0.70	0	3	12	15	4	se.	W. R. Padley.
Cottonwood Falls	Chase	1,234	7	68.2		95	24†	29	2	46	3.08		1.76	0	9	16	6	9	s.	E. B. Greene.
Council Grove	Morris	1,234	2	67.4		94	24	28	2	40	2.23		1.07	T.	9	13	12	6	sw.	J. P. Blackledge.
Cunningham	Kingman	1,680	27	66.0	+ 0.9	94	10	32	2	45	5.19	+ 1.74	1.35	0	10	9	16	6	s.	W. H. Morton.
Dodge City	Ford	2,513	37	64.4	+ 0.9	93	9	30	1	41	3.95	+ 0.61	1.53	0	17	10	16	5	s.	U. S. Weather Bureau.
El Dorado	Butler	1,291	9	68.2		94	24	32	2	45	5.14		2.69	0	9	15	12	4	s.	W. Y. Miller.
Ellinwood	Barton	1,790	36	65.1	+ 0.8	93	10	29	2	40	3.54	+ 0.10	0.63	0	14	5	17	9	sw.	Martin Musil.
Emporia	Lyon	1,138	30	67.4	+ 2.5	94	24	32	2	40	4.53	− 0.53	1.80	0	9	12	14	5	s.	W. H. Boyles.
Eureka	Greenwood	1,079	15																	T. C. Peffer.
Fall River	do	925	15	69.2	+ 4.3	95	24	32	2	48	1.32	− 4.04	0.25	0	11	19	10	2	s.	J. McDaniel.
Fargo	Seward		1								5.51		2.50	0	5	10	12	9	s.	N. B. Swink.
Fredonia	Wilson	864	8	69.7		96	24	33	2	39	2.37		1.25	0	11	13	13	5	s.	B. W. Holmes.
Garden City	Finney	2,836	22	66.8	+ 3.4	97	9	28	1	44	2.91	+ 0.57	1.10	0	7	10	14	7	s.	B. F. Stocks.
Great Bend	Barton	1,850	2								3.18		0.92	0	11	17	5	9	s.	I. Pritchard.
Greensburg	Kiowa	2,235	4	64.5		91	9†	31	1	41	4.18		1.13	0	14	19	1	11	s.	C. C. Raymond.
Grenola	Elk	1,116	23	69.1	+ 3.2	95	24	32	2	48	4.27	− 0.59	1.55	0	11	8	18	5	sw.	W. H. Lawyer.
Howard	do	1,112	4								2.02		0.96	0	5	19	6	6	s.	J. W. Eby.
Hugoton	Stevens		7	68.0		100	9	30	2	58	6.09		2.03	0	11	17	7	7	s.	E. M. Anderson.
Hutchinson	Reno	1,535	21	66.7	+ 1.4	95	10	29	2	46	2.43	− 1.23	1.18	0	10	16	3	12	sw.	E. S. Webster.
Independence	Montgomery	800	37	70.0	+ 2.5	95	24	33	2	46	2.32	− 2.49	0.78	0	9	11	12	8	s.	F. L. Kenoyer.
Iola	Allen	984	5	68.2	+ 3.7	92	24	33	2	37	2.63	− 2.42	1.73	0	11	12	17	2	s.	U. S. Weather Bureau.
Irene	Hamilton	3,440	1	66.2		98	24	31	1	52	2.33		0.88	0	5	12[b]	10[b]	7[b]	s.	N. M. Herbig.
Jetmore	Hodgeman	2,268	10	64.2		95	9	29	1	50	3.37	+ 0.83	0.55	0	12	3	6	22	sw.	James Aiken.
Kingman	Kingman	1,504	3	67.9		94	24	32	2	43	4.85		1.59	0	11	11	12	8	sw.	B. B. Anawalt.
La Crosse	Rush	2,061	9	64.8		93	9	27	2	47	3.80		0.87	0	11	14[a]	10[a]	6[a]	se.	Rodney Torrey.
Lakin	Kearney	2,993	21	65.2	+ 2.4	99	9†	27	1†	57	0.32	− 1.56	0.25	0	3	14[a]	12[a]	4[a]	s.	C. H. Longstreth.
Larned	Pawnee	2,090	26	64.8		94	9	30	2	42	5.20	+ 2.07	0.98	0	12	14	8	9	s.	H. H. Wolcott.
Lebo	Coffey	1,138	25	68.2	+ 3.3	95	24†	32	2	35	2.43	− 3.20	0.50	0	10	12	13	6	s.	J. J. Bowman.
Le Roy	do	990	2								2.49		0.80	0	8	22	1	8	s.	F. W. Schmitt.
Liberal	Seward	2,843	4	66.0		96	9	31	2	47	2.72		1.18	0	8	14	3	14	s.	Dr. R. T. Nichols.
Macksville	Stafford	2,032	22	63.8	+ 0.7	94	10	29	2	42	4.75	+ 1.59	1.45	0	10	8	9	14	s.	Mrs. Nella Poling.
McPherson	McPherson	1,495	22	67.0	+ 2.9	96	24†	26	2	47	2.68	− 2.33	1.20	0	6	13	4	14	sw.	Ed. F. Haberlein.
Madison	Greenwood	1,074	10	67.2		95	24	28	2	47	2.58	− 3.47	1.04	0	8	12	18	1	se.	C. A. David.
Marion	Marion	1,310	18	67.7	+ 1.7	94	24†	30	2	48	3.62	− 1.51	1.43	0	10	8	21	2	s.	Jerry Forney.
Medicine Lodge	Barber	1,259	18	66.2	0.0	96	10	33	2	46	4.99	+ 0.57	1.73	0	12	14	9	8	s.	S. P. Garrison.
Medora	Reno	1,484	2								2.13		0.60	0	11	10	2	19	s.	M. L. Rickenbrode.
Mount Hope	Sedgwick	1,410	14								1.89	− 2.07	1.02	0	7	12	9	10	s.	H. N. Renfrew.
Neosho Rapids	Lyon	1,092	6								3.01		0.94	0	9	17	0	14	s.	W. H. McMullin.
Ness City	Ness	2,260	18								5.51	+ 2.95	1.90	0	10					J. K. Barnd.
Newton	Harvey	1,454	14	68.0	+ 3.5	95	24†	30	2	48	4.66	− 0.60	1.93	0	10	14	11	6	sw.	H. A. Brush.
Norwich	Kingman	1,496	15	68.2	+ 3.3	95	24†	33	2	42	4.58	− 0.62	1.48	0	11	9	17	5	se.	N. I. Farris.
Oswego	Labette	899	17	69.7	+ 3.1	92	24†	34	2	42	1.64	− 3.88	0.89	0	9	16	13	2	sw.	Jas. M. Currigan.
Plains	Meade	2,766	1	66.8		94	10	32	1	49	2.45		0.55	0	9	9[a]	10[a]	11[a]		E. J. Henning.
Pratt	Pratt	1,950	16			94	10	33	1		4.43	− 0.13	1.34	0	7					A. J. Van Vranken.
Rome	Sumner	1,218	25	69.1	+ 3.5	98	24	33	2	52	6.06	+ 1.22	2.80	0	11	15	9	7	s.	D. M. Adams.
Sedan	Chautauqua	834	26	69.8	+ 3.7	95	24	33	2	46	1.39	− 3.85	0.55	0	8	13	14	4	s.	A. Y. Buckles.
Toronto	Woodson	1,040	14	69.0	+ 4.2	95	24	32	2	42	1.77	− 3.77	0.60	0	7	17	13	1	s.	M. A. Webb.
Ulysses	Grant	3,027	20			97	9	32	11	60	1.83	− 0.95	0.54	0	6	12[a]	1[a]	11[a]	s.	T. W. Marshall.
Walnut	Crawford	940	9	68.4		93	24†	32	2	40	2.73		0.82	0	8	21	8	2	sw.	R. C. Harlan.
Wellington	Sumner	1,225	15	69.6	+ 3.4	97	24	32	2	49	6.98	+ 2.68	4.28	0	11	12	10	9	s.	E. O. G. Kelley.
Wichita	Sedgwick	1,377	24	67.6	+ 1.7	93	24	35	2	39	4.66	− 0.29	3.05	0	8	8	16	7	s.	U. S. Weather Bureau.
Winfield	Cowley	1,124	17	68.8	+ 3.0	95	25	33	1	46	4.20	− 0.84	2.50	0	5	21	0	10	s.	M. B. Light.
Yates Center	Woodson	1,068	32	68.2	+ 3.3	93	24†	31	2	41	2.29	− 2.98	0.51	0	8	9	19	3	s.	J. W. Tipton.

TABLE 1.—*Climatological data for May, 1911. 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	3	72.0	.....	95	31	40	1	42	2.76	.....	1.55	0	5	12	2	17	s.	R. J. Brooks.
Alva	Woods	1,350	6	70.6[e]	.....	95	....	34	....	37[e]	7.20	.....	3.75	0	6	17	3	6	s.	S. A. Stech.
Apache	Caddo	1,255	2	73.2	.....	99	31	38	1	48	1.79	.....	0.96	0	3	24	5	2	sw.	G. D. Teeter.
Arapaho	Custer	1,575	17	73.2	+ 4.8	100	31	39	1	41	2.71	− 2.66	1.33	0	6	28	1	2	s.	J. C. Brower.
Ardmore	Carter	872	10	73.4	+ 4.4	100	31	42	1	40	1.93	− 4.03	0.67	0	6	18	10	3	s.	H. T. Nisbett.
Arnett	Ellis	2,136	7	66.0	.....	95	10	36	1	42	5.51	.....	3.02	0	9	16	10	5	s.	C. H. Holmes.
Bartlesville	Washington	687	3	71.2	.....	96	24	37	2	45	2.04	.....	0.81	0	4	15	13	3	s.	Dr. A. P. Owens.
Beaver	Beaver	2,500	15	67.4	+ 1.3	95	23	34	2	50	3.12	− 0.41	0.65	0	9	18	10	3	s.	W. C. Frazer.
Blackburn	Pawnee	800	10	72.8	+ 5.4	97	24	40	2	43	2.04	− 7.42	0.48	0	9	24	2	5	sw.	John Landis
Cache	Comanche	1,350	5	71.0	.....	96	....	39	....	36[a]	1.40	.....	0.80	0	3	19	8	4	s.	Mrs. Frank Rush.
Calvin	Hughes	713	6	.....	.....	.....	.....	.....	.....	.....	2.48	.....	1.24	0	7	21	0	10	s.	Thomas Purcell.
Chandler	Lincoln	865	10	72.2	+ 4.4	97	31	40	1	41	0.83	− 7.57	0.31	0	4	18	3	10	s.	Chas. L. Kern.
Chattanooga	Comanche	1,150	5	74.2	.....	99	31	32	1	46	0.98	.....	0.68	0	3	12	12	7	s.	Squire Humble.
Chickasha	Grady	1,091	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Good.
Cloud Chief	Washita	1,400	9	73.1	.....	100	23	37	1	52	2.12	.....	0.94	0	4	15	10	6	s.	J. P. Stutzman.
Durant	Bryan	643	10	71.5	+ 2.6	100	31	42	2	45	2.03	− 3.99	1.28	0	7	20	7	4	s.	Nelson Houk.
Eldorado	Jackson	1,456	4	73.6	.....	99	....	39	....	45[c]	1.73	.....	0.65	0	5	10	17	4	s.	T. W. Lanham.
El Reno	Canadian	1,400	20	72.6[d]	+ 5.3	98	....	38	....	45[d]	1.48	− 3.68	0.59	0	4	20	7	4	s.	Rose E. Walker.
Enid	Garfield	1,269	10	70.8	+ 4.9	97	23†	35	2	47	2.16	− 3.56	0.65	0	10	21	7	3	s.	Uri B. Worcester.
Erick	Beckham	2,058	6	68.6	.....	99	10	35	1	50	6.51	.....	2.17	0	6	16	9	6	s.	A. W. Hanes.
Fairland	Ottawa	839	11	70.6	+ 4.2	99	29	37	2	44	1.49	− 4.16	0.76	0	5	13	12	6	s.	C. W. Prier.
Fort Gibson	Muskogee	556	6	.....	.....	.....	.....	.....	.....	.....	2.47	.....	0.76	0	7	19	2	10	s.	John T. Welsh.
Frederick	Tillman	1,293	5	74.1	.....	98	23†	38	1	45	1.29	.....	0.68	0	4	17	10	4	se.	B. B. Bradley.
Goodwell	Texas	3,300	1	67.0	.....	94	9†	35	1†	46	3.12	.....	1.10	0	10	14	10	7	s.	S. W. Black.
Guthrie	Logan	1,000	18	73.5	+ 4.1	99	25	39	1	52	0.97	− 5.10	0.35	0	4	20	3	8	s.	S. E. Snyder.
Guymon	Texas	3,133	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. L. Mordt.
Harrington	Roger Mills	2,200	7	67.7	.....	97	10	37	1	42	4.65	.....	2.34	0	4	9	8	14	sw.	T. Compton.
Hartshorne	Pittsburg	700	12	72.9	+ 2.1	95	31	41	1†	34	2.82	− 4.01	2.53	0	3	24	3	4	s.	Robt. Holmes.
Healdton	Carter	900	17	72.8	+ 3.2	101	31	38	3	48	2.30	− 4.03	1.41	0	2	18	13	0	s.	C. H. Heald.
Helena	Alfalfa	1,396	3	72.3	.....	97	23	37	1	48	2.93	.....	0.98	0	10	18	10	3	s.	R. E. Ellis.
Hennessey	Kingfisher	1,166	16	73.2	+ 5.4	97	23†	40	1	50	0.95	− 4.21	0.37	0	6	10	16	5	s.	Mrs. M. C. Parks.
Hobart	Kiowa	1,396	8	73.2	.....	99	23	36	1	45	2.71	.....	1.13	0	5	12	15	4	sw.	Leland Turnbull.
Holdenville	Hughes	900	10	71.4	+ 3.7	95	18	40	1†	35	3.32	− 4.39	1.48	0	7	25	4	2	s.	Eula L. Rutherford.
Hooker	Texas	3,038	5	65.9	.....	96	9	33	2	42	3.81	.....	1.07	0	11	13	0	18	s.	H. N. Kelly.
Hurley	Cimarron	4,200	3	62.4	.....	93	24	28	1	48	3.87	.....	2.55	0	5	7	22	2	sw.	Dr. C. W. Meyers.
Idabel	McCurtain	474	3	71.2	.....	95	30†	43	2	40	0.70	.....	0.70	0	1	28	0	3	sw.	M. L. Henderson.
Jefferson	Grant	1,062	17	69.3	+ 2.2	97	24	33	2	39	3.29	− 1.70	0.86	0	7	19	10	2	s.	T. E. Beck.
Kenton	Cimarron	4,000	10	65.2	+ 3.5	92	18†	34	1†	50	3.95	+ 1.47	1.56	0	10	20	3	8	s.	Wm. M. Guy.
Kingfisher	Kingfisher	1,046	14	72.8	+ 5.0	97	23†	36	2	51	2.16	− 3.86	0.61	0	11	15	11	5	s.	J. C. Cross.
McAlester	Pittsburg	698	15	73.0	.....	95	31	41	1	42	2.72	− 4.18	2.25	0	3	22	3	6	s.	Wm. Noble.
McComb	Pottawatomie	1,200	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. McNair.
Mangum	Greer	1,585	18	72.0	+ 2.2	98	11	38	1	46	2.80	− 1.97	1.43	0	5	21	5	5	se.	F. D. Dodson.
Marlow	Stephens	1,292	10	72.6	+ 5.0	99	19	38	1	42	4.27	− 2.29	1.50	0	6	15	4	12	se.	Wm. B. Anthony.
Meeker	Lincoln	1,030	17	72.1	+ 4.1	98	23†	36	1	53	1.07	− 5.06	0.50	0	3	22	4	5	s.	Dr. J. H. Baugh.
Muskogee	Muskogee	614	12	71.9	+ 4.4	92	31	40	2	33	1.58	− 4.71	0.91	0	3	24	3	4	e.	J. Harry Randall.
Mutual	Woodward	.....	3	67.4	.....	95	24†	34	2	42	3.52	.....	2.15	0	3	18	3	10	s.	Thos. Martin.
Neola	Caddo	1,500	5	71.8	.....	96	23†	36	1	46	6.33	.....	5.79	0	5	13	18	0	s.	R. N. Schooling.
Newkirk	Kay	1,149	13	72.0	+ 5.1	100	24†	36	2	44	4.28	− 1.88	1.83	0	6	17	13	1	s.	P. H. Albright & Co.
Norman	Cleveland	1,171	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	S. E. Boyd.
Oakwood	Dewey	1,854	1	70.0	.....	95	23	37	1	46	1.33	.....	0.59	0	6	16	9	6	s.	Dr. F. P. Osborn.
Okeene	Blaine	1,194	7	71.4	.....	97	23	37	2	51	1.48	.....	0.78	0	7	23	5	3	s.	Dr. L. H. Murdoch.
Oklahoma	Oklahoma	1,247	20	71.2	+ 3.1	95	19	37	1	39	2.65	− 3.10	1.02	0	7	15	13	3	s.	U. S. Weather Bureau.
Okmulgee	Okmulgee	752	7	73.2[e]	.....	97	....	42	....	36[e]	4.88	.....	3.03	0	2	20	5	6	s.	J. L. Maynard.
Pauls Valley	Garvin	880	11	73.7	+ 3.2	98	23	40	2	48	3.40	− 4.05	2.76	0	4	24	6	1	sw.	A. M. Foss.
Pawhuska	Osage	918	11	73.2	+ 5.9	97	25	38	2	46	1.56	− 5.16	0.43	0	8	14	14	3	sw.	R. C. Block.
Perry	Noble	920	12	70.4	+ 3.7	98	25	37	2	41	3.46	− 3.07	0.85	0	11	17	9	5	s.	J. A. Douglass.
Ravia	Johnston	796	8	71.4	.....	98	27	41	1†	42	2.67	.....	0.96	0	5	25	1	5	s.	R. G. Guptill.
Sac and Fox Agency	Lincoln	900	18	73.2	+ 5.7	95	31	51	4†	34	1.82	− 3.91	1.07	0	3	24	5	2	s.	M. R. Gayle.
Shawnee	Pottawattomie	1,041	10	72.0	+ 4.1	96	23	37	1	44	0.85	− 5.56	0.27	0	7	10	18	3	s.	Mrs. Kate Chatman.
Snyder	Kiowa	1,356	4	73.4	.....	98	23	41	1	40	2.13	.....	1.80	0	3	16	15	0	se.	Dr. W. C. Woodard.
Stillwater	Payne	880	18	70.0	+ 2.8	95	24†	39	2	40	1.76	− 4.29	0.38	0	8	15	8	8	s.	A. R. Evans.
Tulsa	Tulsa	700	22	72.5	.....	96	31	40	2	38	1.97	− 4.18	0.77	0	9	12	19	0	sw.	Dr. H. M. Hutchinson.
Vinita	Craig	698	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. C. Chamberlain.
Wagoner	Wagoner	588	14	71.5	+ 3.0	99	....	39	....	36[a]	1.46	− 4.98	0.83	0	4	23	3	5	s.	S. L. Hatfield.
Waukomis	Garfield	1,258	14	70.5	+ 3.3	97	25	35	2	46	2.30	− 2.70	0.65	0	9	15	10	6	sw.	R. C. Shades.
Waurika	Jefferson	988	1	74.6	.....	103	19	40	1	42	0.74	.....	0.57	0	2	19	10	2	s.	B. A. Swindler.
Weatherford	Custer	1,639	10	71.3	+ 4.8	98	23	37	2	49	2.46	− 3.23	0.83	0	6	15	9	7	s.	M. D. Reed.
Webbers Falls	Muskogee	479	12	71.6	+ 3.5	93	15†	41	1†	36	1.26	− 5.35	0.68	0	2	10	20	1	sw.	B. D. Boulineau.
Whiteagle	Kay	945	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Irvin G. Dillon.
Woodward	Woodward	1,893	8	68.2	.....	97	10	35	2	46	4.13	.....	1.79	0	10	24	7	0	s.	R. A. Boyle.
Missouri.																				
Belle	Maries	.....	20	69.4[d]	+ 4.7	94	....	33	....	40[d]	0.97	− 4.57	0.60	0	5	12[d]	12[d]	3[d]	s.[d]	A. J. Wofford.
Birch Tree	Shannon	1,200	18	69.4	+ 4.4	93	30	38	2	32	0.20	− 4.40	0.20	0	1	28	2	1	s.[b]	V. H. Kirkendall.
Cape Girardeau	Cape Girardeau	305	7	.....	.....	.....	.....	.....	.....	.....	0.70	.....	0.70	0	1	21	9	1	s.	D. L. Albert.
Caruthersville	Pemiscot	.....	20	72.5	+ 4.0	101	28	40	3	38	0.26	− 4.19	0.25	0	2	30	0	1	e.	H. E. Averill.
Cassville	Barry	.....	1	64.3	.....	90	30	30	2	45	0.60	.....	0.39	0	4	23	6	2	s.	Mrs. Zuma Bloomer.
Dean	McDonald	.....	13	67.7	+ 1.6	92	24†	31	2	46	1.12	− 5.62	0.42	0	6	23[f]	1[f]	1[f]	.....	H. E. Dean.
Doniphan	Ripley	440	8	70.1	.....	96	27†	38	3†	40	0.56	.....	0.33	0	3	25	2	4	s.	W. W. Martin.
Gano	Dent	.....	8	70.2	.....	96	29	35	2	41	0.99	.....	0.75	0	4	18	10	3	s.	A. C. Leech.
Goodland	Iron	900	7	66.2	.....	94	30	33	5†	52	0.24	.....	0.24	0	1	18	9	4	s.	F. M. Adams.
Greenville	Wayne	.....	18	69.2	+ 2.6	97	30	36	2†	40	0.60	− 3.36	0.35	0	2	20	11	0	s.	A. G. Templeton.
Hollister	Taney	1,000	2	69.9	.....	100	30	32	2	46	0.70	.....	0.40	0	2	25	0	6	s.	W. P. Chapman.
Ironton §§	Iron	925	34	67.7	+ 3.2	90	29	32	6	45	2.17	− 2.76	2.03	0	3	16	13	2	s.	W. H. Delano.
Jackson	Cape Girardeau	458	21	71.1	+ 6.0	99	30	37	5	38	0.32	− 3.96	0.20	0	3	14	13	4	s.	L. M. Bean.
Joplin	Jasper	979	33	71.2	.....	93	26	35	2	33	0.99	− 2.78	0.62	0	2	26	0	5	sw.	Miss Ruth Smith.
Koshkonong	Oregon	911	11	70.7	+ 5.0	93	29	35	2	31	0.73	− 4.46	0.28	0	5	15[a]	12[a]	3[a]	sw.[a]	J. W. Hitt.
Lamar §§	Barton	904	32	69.4	+ 3.7	93	24†	33	2	31	0.90	− 4.80	0.34	0	4	22	3	6	s.	E. H. Adams.
Marble Hill	Bollinger	420	20	69.4	+ 3.8	98	28†	35	5	40	0.78	− 3.74	0.40	0	3	21	9	1	s.	A. F. Hendrix.
Mountain Grove	Wright	1,490	13	67.5	+ 3.9	90	28	31	2	31	0.60	− 4.25	0.45	0	3	11	18	2	s.	Mo. Fruit Exper. Station.
Mount Vernon	Lawrence	1,480	32	68.9	+ 3.2	93	19†	29	2	44	1.74	− 3.98	1.44	0	4	22	7	2	sw.	J. R. White & Son.
Neosho	Newton	1,023	29	68.0	+ 1.8	92	27†	31	2	46	2.49	− 3.89	1.80	0	4	25	0	6	s.	W. O. Buck.
New Madrid	New Madrid	285	18	.....	.....	.....	.....	.....	.....	.....	0.10	− 4.69	0.08	0	2	24	3	4	s.	Miss Josie Smith.
Oakfield	Franklin	793	20	70.4	+ 4.8	94	25†	34	2	33	1.52	− 4.09	0.74	0	4	11	18	2	s.	E. E. Steines.
Olden	Howell	1,246	22	69.0	+ 3.4	94	30	34	2	34	0.72	− 4.42	0.40	0	4	23	7	1	s.	J. D. Evans.
Perryville	Perry	582	2	73.0	.....	93	29	38	3	28	0.74	.....	0.50	0	2	25	0	6	s.	Superintendent of Schools.

TABLE 1.—*Climatological data for May, 1911. 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.**																				
Rolla	Phelps	1,092	31	69.1	+ 5.7	92	25†	32	2	38	1.91	− 3.30	1.44	0	6	24	4	3	s.	Prof. P. J. Wilkins.
Springfield	Greene	1,350	23	68.2	+ 4.5	89	28	33	2	29	0.34	− 5.21	0.13	0	5	19	6	6	s.	U. S. Weather Bureau.
Steelville	Crawford	746	15	70.3[j]	.....	94[j]	24†	29[j]	2	45[j]	0.48	− 4.13	0.26	0	4	9[j]	6[j]	6[j]	se.[j]	Edwin Pumphrey.
Kentucky.																				
Blandville	Ballard	445	29	70.2	+ 3.7	94	28	39	3	30	0.62	− 3.91	0.38	.0	4	16	14	1	sw.	E. W. Horr.
Tennessee.																				
Arlington	Shelby	.....	29	71.3	+ 2.6	100	25†	42	3†	40	1.24	− 3.00	1.20	0	2	22	4	5	s.	A. Thomas B. Etheridge.
Bolivar	Hardeman	450	24	71.6	+ 3.7	98	28	40	3	38	1.17	− 2.71	0.76	0	2	25	1	5	s.	Miss Mary A. Smith.
Brownsville	Haywood	361	26	71.6	+ 3.0	98	28	42	6	33	1.09	− 2.83	0.84	0	2	20	8	3	s.	Miss Hattie N. Moses.
Covington	Tipton	311	24	71.6	+ 2.5	96	28	43	3	31	1.06	− 3.28	0.46	0	3	28	0	3	s.	James S. Ruffin.
Dyersburg	Dyer	310	28	72.7	+ 4.1	99	27†	42	3	35	0.20	− 3.95	0.20	0	1	27	2	2	se.	Miss Martha A. Sinclair.
Jackson	Madison	450	18	71.2	+ 2.5	102	27	38	7	40	2.90	− 1.22	1.81	0	3	28	1	2	s.	Shelby A. Robert.
Kenton	Obion	325	9	72.0	.....	100	28	41	3†	37	1.30	.....	0.61	0	5	25	4	2	s.	George S. Martin.
Memphis	Shelby	409	40	73.5	+ 2.8	97	28	46	3	26	0.20	− 4.14	0.20	0	1	20	7	4	sw.	U. S. Weather Bureau.
Milan	Gibson	440	28	70.8	+ 2.8	94	28	40	3	35	2.73	− 1.65	1.22	0	6	21	1	9	s.	Orlando F. Cantwell.
Trenton	....do	345	28	69.7	+ 2.4	100	29	38	3	40	1.96	− 1.98	0.80	0	5	26	5	0	s.	F. L. Dennison.
Union City	Obion	360	13	71.2	+ 3.2	.....	.....	38	3	.....	0.70	− 4.23	0.50	0	2	24	7	0	.....	J. B. Kimzey.
Arkansas.																				
Alicia	Lawrence	.....	7	69.6	.....	94	26†	40	5	37	1.70	.....	1.70	0	1	26	4	1	s.	McCullough & Guelck.
Amity	Clark	250	19	71.2	+ 0.9	97	25	40	3†	40	1.62	− 4.95	1.50	0	3	22	7	2	sw.	Prof. S. M. Samson.
Arkadelphia (near)	....do	250	4	72.6	.....	99	29	44	2†	40	2.08	.....	1.80	0	2	24	5	2	sw.	J. A. Ross.
Arkansas City	Desha	145	28	.....	.....	.....	.....	.....	.....	.....	1.00	− 1.41	1.00	0	1	.....	.....	.....	.....	W. C. Blundell.
Batesville	Independence	271	6	.....	.....	.....	.....	.....	.....	.....	0.84	.....	0.62	0	2	.....	.....	.....	.....	Lelia I. Teter.
Bee Branch	Van Buren	.....	19	69.6	+ 0.9	97	.....	36	.....	38[b]	0.65	− 4.40	0.65	0	1	.....	.....	.....	.....	J. E. Scanlan.
Benton	Saline	283	4	73.6[e]	.....	100	.....	46	.....	38[f]	0.50	.....	0.50	0	1	.....	.....	.....	.....	P. B. Jackson.
Bentonville	Benton	1,303	6	68.2	+ 1.8	92	30	35	2	35	0.87	− 4.35	0.48	0	4	20	8	3	s.	U. S. Weather Bureau.
Bergman	Boone	1,324	15	66.2	− 0.1	96	14	26	2	51	0.70	− 5.09	0.56	0	2	23	4	4	sw.	John T. Maxey.
Black Rock	Lawrence	259	7	.....	.....	.....	.....	.....	.....	.....	0.92	.....	0.62	0	2	.....	.....	.....	.....	S. J. Howe.
Brinkley	Monroe	226	25	71.3	+ 1.4	100	27†;	39	2†	44	1.27	− 3.55	1.13	0	2	.....	.....	.....	.....	H. L. D. Whitson.
Calico Rock	Izard	361	7	.....	.....	.....	.....	.....	.....	.....	0.75	.....	0.50	0	2	.....	.....	.....	.....	W. H. Stoner.
Camden	Ouachita	158	26	71.6	− 0.1	99	30	41	6	38	1.47	− 3.14	0.70	0	4	.....	.....	.....	.....	R. H. Quarterman.
Centerpoint	Howard	470	11	72.1	+ 1.2	98	30	42	3	36	1.07	− 7.71	0.60	0	2	19	8	4	se.	J. M. Huddleston.
Clarendon	Monroe	171	7	.....	.....	.....	.....	.....	.....	.....	0.69	.....	0.53	0	2	.....	.....	.....	.....	Mrs. B. E. Bishop.
Conway	Faulkner	309	28	70.8	+ 1.2	96	29	41	2	37	1.07	− 4.30	0.94	0	3	22	8	1	se.	G. H. Burr.
Corning	Clay	293	19	70.8	+ 2.0	96	28†	38	5	37	1.07	− 3.52	0.64	0	3	17	10	4	s.	Jacob Brobst.
Dardanelle	Yell	330	25	70.8	.....	95	28	40	2	39	1.54	− 4.17	0.90	0	3	.....	.....	.....	.....	A. Bernard.
Dodd City	Marion	1,175	30	68.2[d]	+ 0.6	94	.....	32	.....	45[d]	0.40	− 5.52	0.40	0	1	.....	.....	.....	s.	Neal Dodd.
Eldorado	Union	265	7	71.9	.....	98	30	43	6	35	1.45	.....	1.29	0	3	.....	.....	.....	.....	Jeff J. Babb.
England	Lonoke	.....	5	71.4	.....	98	.....	40	.....	39[d]	1.51	.....	0.85	0	3	.....	.....	.....	se.	J. C. Chenault.
Eureka Springs	Carroll	1,465	9	68.8	.....	92	28	33	2	36	1.15	.....	0.49	0	3	8	23	0	sw.	George W. Nichoalds.
Fayetteville	Washington	1,451	22	69.4	+ 2.9	91	29	36	2	37	0.65	− 5.61	0.41	0	3	12	17	2	sw.	University of Arkansas.
Fordyce	Dallas	.....	.....	71.5	.....	96	30	43	3	37	1.74	.....	0.80	0	4	23	6	2	s.	A. Tredick.
Fort Smith	Sebastian	481	29	71.9	+ 2.2	93	28	42	1	31	1.56	− 3.35	1.40	0	4	18	10	3	e.	U. S. Weather Bureau.
Fulton	Hempsted	264	7	.....	.....	.....	.....	.....	.....	.....	1.30	.....	0.86	0	2	.....	.....	.....	.....	B. C. Logan.
Hardy	Sharp	643	13	70.5	+ 4.1	96	30	39	2	36	0.43	− 5.85	0.28	0	4	13	16	2	sw.	C. A. Caywood.
Helena	Phillips	182	26	72.0	+ 0.7	98	18	44	2	37	0.42	− 4.23	0.20	0	3	.....	.....	.....	.....	B. F. Modisett.
Hot Springs	Garland	600	5	70.6	.....	97	29	38	6	41	1.10	.....	0.70	0	3	.....	.....	.....	sw.	Hot Springs Water Co.
Huttig	Union	85	4	73.2	.....	98	28†	47	.....	40[a]	0.80	.....	0.80	0	1	16	15	0	.....	C. A. Berry.
Jonesboro	Craighead	345	16	72.0	+ 0.9	101	28	37	3	43	0.45	− 3.88	0.45	0	1	13	16	2	s.	Benedictine Sisters.
Junction	Union	.....	18	72.0	+ 0.2	99	29†	42	3	38	1.37	− 2.27	1.37	0	1	26	3	2	sw.	J. A. Lowderback.
Lake Farm	Jefferson	195	4	71.4	.....	99	29†	40	1†	40	1.12	.....	1.12	0	2	20	11	0	sw.	R. H. Gillispie.
Lewisville	Lafayette	262	8	73.6	.....	98	.....	44	.....	37[c]	1.31	.....	1.00	0	2	.....	.....	.....	.....	F. W. Youmans.
Little Rock	Pulaski	357	32	72.2	+ 1.8	94	29	44	2	28	0.82	− 4.28	0.78	0	2	17	12	2	sw.	U. S. Weather Bureau.
Lutherville	Johnson	775	14	69.3	+ 1.8	92	28†	37	2	36	1.50	− 4.62	0.78	0	4	20	8	3	sw.	G. H. Hentschel.
Malvern	Hot Spring	277	24	70.8	− 2.1	99	30	40	3	38	0.92	− 4.71	0.40	0	3	.....	.....	.....	.....	Miss L. C. Smith.
Mammoth Spring	Fulton	512	7	68.4	.....	96	30	34	5	42	0.57	.....	0.43	0	3	18	13	0	.....	F. Wallick.
Marked Tree	Poinsett	229	7	.....	.....	.....	.....	.....	.....	.....	0.22	.....	0.22	0	1	.....	.....	.....	.....	L. Smith.
Mena	Polk	1,100	25	70.0	+ 0.2	91	29†	40	1	33	2.02	− 4.32	1.49	0	3	25	5	1	sw.	R. R. St. John.
Newport	Jackson	231	27	71.6	+ 1.5	96	27†	40	6	34	2.01	− 2.24	1.85	0	2	.....	.....	.....	.....	Chas. Sprigg.
Ozark	Franklin	377	20	71.5	+ 0.5	92	15	42	2	29	1.42	− 4.87	0.94	0	3	23	6	2	e.	R. M. Adams.
Pine Bluff	Jefferson	215	23	72.2	+ 0.2	97	29†	44	6	35	0.65	− 4.15	0.53	0	3	27	0	4	s.	J. M. Hudson.
Pocahontas	Randolph	.....	19	71.0	+ 2.6	98	28	39	3	38	1.05	− 3.99	0.55	0	3	21	10	0	.....	Benedictine Sisters.
Pond	Benton	1,250	14	67.4	+ 1.9	90	30	32	2	41	0.91	− 5.65	0.62	0	3	6	24	1	sw.	A. F. Stevens.
Portland	Ashley	122	2	74.1	.....	99	29	50	7	33	1.38	.....	0.75	0	3	.....	.....	.....	.....	L. W. Gregory.
Prescott	Nevada	327	23	70.7	− 0.6	97	30	40	6	40	1.56	− 3.58	0.65	0	4	.....	.....	.....	.....	A. M. Ellsworth.
Rogers	Benton	1,385	20	68.0	+ 1.7	91	30	34	2	35	0.70	− 5.52	0.41	0	4	17	11	3	s.	Carl A. Starck.
Springbank	Miller	182	4	.....	.....	.....	.....	.....	.....	.....	1.44	.....	0.66	0	4	.....	.....	.....	.....	G. Field.
Stuttgart	Arkansas	495	24	71.6	+ 1.4	98	28†	43	2†	37	1.06	− 3.81	1.06	0	1	23	7	1	s.	H. A. Buerkle.
Subiaco	Logan	1,050	14	70.8	+ 1.2	93	25†	40	1	34	1.10	− 5.98	0.93	0	2	25	3	3	sw.	New Subiaco Abbey.
Swain	Newton	2,300	.....	67.0	.....	85	29	33	2	27	1.08	.....	1.01	0	6	16	13	2	s.	George Paxton.
Texarkana	Miller	332	27	72.2	+ 0.7	94	30	45	3	30	1.78	− 2.16	0.81	0	4	.....	.....	.....	.....	D. E. Moore.
Warren	Bradley	304	16	72.2	+ 0.5	100	30	42	3†	39	0.89	− 3.44	0.89	0	1	.....	.....	.....	.....	W. J. Savage.
Whitecliffs	Little River	206	7	.....	.....	.....	.....	.....	.....	.....	1.59	.....	0.58	0	4	.....	.....	.....	.....	John E. Payton.
Wiggs	Garland	.....	18	68.9	− 0.4	96	30	36	3	40	1.48	− 4.74	1.11	0	3	19	11	1	sw.	S. D. Jester.
Wynne	Cross	250	3	71.6	.....	99	30	40	3†	40	0.65	.....	0.30	0	3	.....	.....	.....	.....	John Seals.
Mississippi.																				
Anguilla	Sharkey	107	3	73.2	.....	100	28	44	6	39	0.71	.....	0.71	0	1	19	11	1	ne.	E. W. Cook.
Austin	Tunica	200	15	72.0	+ 0.9	98	26†	42	3	39	0.39	− 3.90	0.22	0	3	27	2	2	s.	H. J. Irvine.
Batesville	Panola	230	24	72.4	+ 2.1	98	28†	42	2†	38	0.92	− 3.20	0.92	0	1	28	1	2	ne.	J. M. Cox.
Big Creek	Calhoun	.....	.....	71.8	.....	98	29†	41	2	40	5.43	.....	4.40	0	3	25	2	4	s.	J. P. Havens.
Byhalia	Marshall	390	2	.....	.....	.....	.....	.....	.....	.....	1.22	.....	0.66	0	3	23	6	2	sw.	Tallahatchie Drainage Com.
Canton	Madison	228	21	73.4	+ 1.4	99	29	46	6	38	0.07	− 3.67	0.05	0	2	13	18	0	se.	Dr. G. W. Smith-Vaniz.
Charleston	Tallahatchie	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. B. Burke.
Clarksdale	Coahoma	177	4	72.8	.....	98	28	44	2	38	0.24	.....	0.11	0	3	26	4	1	s.	A. C. Tuttle.
Coffeeville	Yalobusha	241	2	.....	.....	.....	.....	.....	.....	.....	0.75	.....	0.53	0	4	19	12	0	s.	Tallahatchie Drainage Com.
Corinth	Alcorn	470	23	71.9	+ 3.1	100	30	42	3	38	1.36	− 2.47	1.32	0	2	25	2	4	se.	M. A. Candler.
Crenshaw	Panola	187	2	.....	.....	.....	.....	.....	.....	.....	2.61	.....	1.87	0	4	21	9	1	sw.	Tallahatchie Drainage Com.
Denmark	Lafayette	.....	2	.....	.....	.....	.....	.....	.....	.....	1.91	.....	0.94	0	3	.....	.....	.....	.....	Do.
Duck Hill	Montgomery	.....	12	71.8	+ 1.3	100	30	39	6	39	0.84	− 3.40	0.38	0	3	26	3	2	w.	W. H. Eskridge.

TABLE 1.—*Climatological data for May, 1911. 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.**																				
Edwards	Hinds	222	24	74.0	+ 0.3	98	30†	48	2	34	1.82	− 2.41	1.05	0	5	28	3	0	s.	E. F. Farr.
Enid	Tallahatchie		2								1.35		1.35	0	1					Tallahatchie Drainage Com.
Fayette	Jefferson	270	10	73.2	+ 0.5	98	28	43	6	37	1.23	− 2.85	0.88	0	2	21	9	1	se.	T. L. Darden.
Greenville	Washington	126	24	74.0	+ 2.0	98	27†	45	3	36	1.21	− 2.75	0.70	0	4	28	0	3	se.	F. L. Harbison.
Greenwood	Leflore	140	11	74.5	+ 2.7	103	28	46	2†	38	0.88	− 5.59	0.50	0	3	22	7	2	e.	J. H. Stephen.
Grenada	Grenada	124	2								0.60		0.60	0	1	27	4	0	se.	Tallahatchie Drainage Com.
Hernando	De Soto	391	23	73.2	+ 3.1	98	27†	42	2	34	1.70		1.70	0	1	22	8	1	ne.	W. F. Wood.
Hickory Flat	Benton	435	2								4.16		2.83	0	4	20	11	0	sw.	Tallahatchie Drainage Com.
Holly Springs	Marshall	600	24	71.6	+ 1.5	96	28†	42	2	27	3.62	− 0.38	1.69	0	4	24	2	5	se.	L. B. Mosby.
Kosciusko	Attala	430	21	72.7	+ 1.9	100	28	44	2	36	2.38	− 1.11	1.13	0	5	26	4	1	ne.	E. L. Lucas.
Lake Cormorant	De Soto	206	2								2.85		2.24	0	3	16	15	0	se.	Tallahatchie Drainage Com.
Lula	Coahoma	182	2								0.29		0.20	0	2	27	3	1		Do.
Malone	Marshall		2								6.69		6.25	0	4					Do.
Marks	Quitman	163	2								1.05		0.41	0	3					Do.
Natchez	Adams	206	23	73.4	− 0.5	99	30†	44	6	37	1.61	− 1.93	0.86	0	3	22	0	9	n.	F. L. Garrity.
New Albany	Union	398	2								2.31		0.90	0	4	26	5	0	n.	Tallahatchie Drainage Com.
Pontotoc	Pontotoc	475	22	71.2	+ 1.8	95	28†	41	6	34	2.44	− 1.13	1.00	0	4	20	11	0	se.	Dr. C. W. Bolton.
Port Gibson	Claiborne	116	23	72.4	+ 0.4	99	31	43	6	37	2.95	− 0.39	2.00	0	5	22	4	5	e.	H. H. Crisler.
Rosedale	Bolivar	143	3	71.8		97	28†	44	3	36	0.20		0.20	0	1	27	2	2	sw.	T. J. Murray.
Senatobia	Tate	284	2								1.60		1.03	0	2	25	2	4	sw.	Tallahatchie Drainage Com.
Shoccoe	Madison		8	72.8		100	27†	43	6	38	0.22	− 5.92	0.13	0	2	19	9	3	s.	J. C. Pitchford.
Suffolk	Franklin		10	74.1	+ 1.8	101	29†	47	6	36	1.24	− 4.51	0.82	0	4	18	9	4	n.	Prof. George H. Kent.
Swan Lake	Tallahatchie	148	6								2.15		1.80	0	2					B. F. Saunders.
Tchula	Holmes	130	6	74.2		100	28	46	6	34	1.00		0.70	0	3	9[b]	20[b]	0[b]	e.	Dr. M. P. Winkler.
University	Lafayette	502	18	73.2	+ 2.9	98	28	42	2	31	3.88	− 0.04	3.20	0	3	28	1	2	s.	Prof. J. H. Dorroh.
Utica	Hinds	287	7	72.4		98	28	43	6	34	0.70		0.60	0	3	20	5	6	se.	Dr. J. B. Dudley.
Vicksburg	Warren	247	40	74.4	+ 1.5	97	30	50	2	24	0.65	− 3.61	0.34	0	6	18	10	3	ne.	U. S. Weather Bureau.
Water Valley	Yalobusha	300	22	72.5	+ 1.8	98	28†	42	2†	38	1.65	− 2.92	1.45	0	2	25	6	0	e.	Miss Loula Erikson.
Woodville	Wilkinson	560	18	73.5	− 0.7	97	26†	46	6	31	1.74	− 2.77	0.60	0	8	22	9	0	se.	James E. Lee.
Yazoo City	Yazoo	116	17	73.0	− 0.9	99	28†	43	6†	38	2.24	− 1.35	0.92	0	5	23	4	4	e.	W. H. Courts.
Louisiana.																				
Abbeville	Vermilion	18	23	75.8	− 1.2	105	30	50	6	34	2.40	− 1.60	0.88	0	6	21	5	5	se.	C. J. Edwards.
Alexandria	Rapides	77	23	73.4	+ 0.1	97	30†	49	5	36	3.33	− 1.71	2.27	0	4	21	2	8	n.	Nellie Graham.
Amite	Tangipahoa	130	23	73.4	− 0.4	98	28†	48	8	36	4.77	− 0.40	2.00	0	7	15	15	1	n.	Lulu M. Wentz.
Baton Rouge	East Baton Rouge	60	23	75.7	+ 1.5	95	30	58	6	27[d]	3.06	− 1.70	1.52	0	6	25	3	3	ne.	Elmo M. Bott.
Burnside	Ascension	2	11	74.1	+ 0.5	97	29†	50	6†	33	4.00	− 2.43	1.96	0	4	17	7	7	ne.	C. S. McFarland.
Burrwood	Plaquemines	1	23	74.6	− 0.2	92	30	61	8	17	4.10	+ 1.25	3.44	0	6	28	1	2	ne.	Graham Myers.
Cades	St. Martin		1	75.6		98	30	54	6	29	3.81		2.00	0	6	26	3	2	s.	C. E. Smedes.
Calhoun	Ouachita	180	23	72.4	+ 0.4	100	30	41	6	40	1.29	− 2.98	0.90	0	2	20	11	0	sw.	N. Louisiana Exper. Station.
Cameron	Cameron	6	18	74.9	− 0.1	95	30	54	3	26	2.79	− 0.91	2.23	0	3	13	16	2	se.	State Biological Station.
Carrollton	Orleans	7		74.6		97	31	54	10†	33	3.00		1.20	0	4	27	3	1		Loyola College.
Cheneyville	Rapides	67	23	73.8	+ 0.3	98	30	45	6	38	2.30	− 2.23	1.20	0	5	23	2	6	w.	Walter I. Tanner.
Cinclare	West Baton Rouge		1	74.6		98	31	45	5	35	4.01		3.25	0	5	28	0	3	e.	Cinclare Central Factory.
Clinton	East Feliciana	113	23	73.1	− 0.5	96	29	49	8	32	4.26	+ 0.12	1.48	0	7	21	4	6	n.	John A. White.
Collinston	Morehouse	65	10	73.8	+ 1.0	99	30	46	3	40	0.65	− 4.77	0.65	0	1	22	8	1	s.	John B. Reily.
Covington	St. Tammany	39	19	74.8	+ 0.5	99	29	49	8	35	3.65	− 0.74	1.54	0	7	22	5	4	s.	Lucille Champagne.
Dodson	Winn		2	73.8		100	30	47	3†	37	2.13		1.83	0	2	25	6	0	e.	J. P. Lucas.
Donaldsonville	Ascension	33	23	75.8	+ 1.2	98	29	53	6†	32	7.43	+ 3.13	6.00	0	5	27	2	2	e.	John F. Park.
Farmerville	Union	177	23	71.3	− 0.7			44	2†	35	1.31	− 3.50	1.31	0	1	24	7	0	s.	W. P. Chandler.
Ferriday	Concordia		4	74.7		96	27†	41	6	40	1.75		0.60	0	4	27	1	3	s.	R. Z. Sclater.
Franklin	St. Marys	10	19	76.0	+ 0.3	99	30†	51	8	36	3.37	− 0.69	1.10	0	9	25	3	3	s.	J. M. Bonney.
Grand Cane	De Soto	302	17	68.7	− 3.5	99	30†	41	4	45	1.16	− 2.86	0.50	0	3	10	20	1	e.	J. Foster Provost.
Grand Coteau	St. Landry	93	23	74.8	+ 0.5	100	30	50	6	34	1.35	− 3.34	0.72	0	7	27	2	2	nw.	St. Charles College.
Hammond	Tangipahoa	44	19	74.1	− 0.1	99	29	48	8	38	3.04	− 0.04	1.95	0	5	23	8	0	se.	C. C. Carr.
Houma	Terrebonne		23	78.0	+ 2.8	94	31	59	9	29	2.80	− 0.78	1.70	0	5	25	0	6	e.	H. M. Foote.
Jena	Catahoula			74.0		101	31	44	6	38	2.67		1.90	0	2	23	6	2	s.	I. A. Wilbanks.
Jennings	Calcasieu	30	14	75.2	+ 1.5	100	30	51	6	33	6.78	+ 1.95	3.44	0	7	11	15	5	se.	J. F. Buch.
Lafayette	Lafayette	36	23	73.9	− 0.5	96	30†	52	6	31	2.14	− 1.99	1.10	0	6	20	6	5	n.	J. J. Davidson.
Lake Charles	Calcasieu	22	23	73.4	− 0.1	100	30†	52	8	40	1.35	− 2.61	0.80	0	5	24	0	7	e.	George Boudreaux.
Lakeside	Cameron	9		75.4	+ 0.9	98	30	54	6	28	4.78		1.82	0	5	20	0	11	s.	L. J. Nunnemacher.
Lawrence	Plaquemines	6	20	76.6	+ 0.9	101	31	54	8	36	3.68	+ 0.46	1.69	0	5	25	3	3	s.	H. C. Warmoth.
Leesville	Vernon		4																	C. M. McFarland.
Liberty Hill	Bienville		23	74.3	+ 1.3	102	30	47	3†	41	2.14	− 2.09	1.64	0	3	25	1	5	s.	E. A. Crawford.
Logansport	De Soto	192	7								1.41		0.56	0	3	23	1	7	s.	Bettie M. Dennis.
Melville	St. Landry	45	23	73.0	− 1.5	99	30	46	6	39	2.20	− 2.12	1.03	0	6	25	2	4	ne.	Charles B. McNeill.
Minden	Webster	194	23	72.6	+ 0.3	99	30	45	3	39	2.99	− 1.34	2.05	0	4	21	5	5	s.	Ethel Fort.
Monroe	Ouachita	82	23	76.0	+ 2.7	98	15	50	3†	36	0.03	− 3.91	0.03	0	1	28	0	3	n.	L. L. Smith.
Morgan City	St. Marys	14	5								2.41		1.13	0	7	23	3	5	ne.	Virgil E. Kinsey.
Newellton	Tensas		4	74.9		101	29	44	6	39	2.30		2.30	0	1	27	4	0	s.	John D. Fultz.
New Iberia	Iberia	15	23	74.1	− 0.4	95	31	53	6	26	2.13	− 1.56	0.93	0	9	17	11	3	ne.	Mrs. John A. Gebert.
New Orleans (1)	Orleans	51	40	75.8	+ 1.3	96	31	57	3	20	2.20	− 1.87	2.47	0	6	15	13	3	e.	U. S. Weather Bureau.
New Orleans (2)	do	18	23	76.6	+ 1.7	99	31	50	8	34	3.53	− 0.56	1.53	0	4	14	7	10	s.	Sugar Experiment Station.
Opelousas	St. Landry	83	19	75.5	+ 1.0	102	30	48	6	35	2.39	− 2.83	0.81	0	6	24	2	5	n.	Andrew Moresi.
Paradis	St. Charles																			Louisiana Meadows Co.
Pearl River	St. Tammany	29	5								7.38		3.30	0	8	28	1	2	e.	George F. Bancks.
Plain Dealing	Bossier	208	19	71.9	+ 0.2	98	30	44	7	37	1.58	− 3.67	0.70	0	3	21	6	4	se.	Leon Sanders.
Rayne	Acadia	44	19	75.0	0.0	99	30†	54	9	31	2.65	− 1.61	1.64	0	6	23	2	6	e.	A. P. McNeil.
Reserve	St. John Baptist		10	76.0[g]	+ 1.2			50	9	41[g]	6.25	+ 2.07	2.43	0	7	21	4	6		Leon Godchaux Co. (Ltd.).
Robeline	Natchitoches	147	15	71.6	− 0.5	99	30	41	6	39	2.47	− 2.34	2.07	0	3	24	2	5	e.	Ruby McCook.
Ruston	Lincoln	312	16	73.9	+ 1.5	99	30	45	3†	36	1.00	− 3.41	1.00	0	4	24	6	1	sw.	R. A. Clampet.
St. Francisville	West Feliciana	115	8	74.8		95	29†	50	2	32	T.		T.	0	0	30	1	0	s.	L. P. Kilbourne.
Schriever	Terrebonne	17	10	75.2	+ 0.3	97	29†	50	8	35	5.73	+ 1.76	1.71	0	9	25	0	6	e.	Harriet F. Rievier.
Sheridan	Washington		1	73.8		99	29	47	6	38	3.78		0.95	0	7	16	13	2	n.	D. A. Self.
Shreveport	Caddo	249	40	73.6	+ 0.4	97	30	47	3	29	0.89	− 3.27	0.49	0	3	24	4	3	se.	U. S. Weather Bureau.
Simmesport	Avoyelles	42	5								0.99		0.33	0	7	20	2	9	se.	C. T. Leigh.
South'n University farm	Jefferson		14								3.52	− 1.45	1.45	0	5	13	11	7	se.	F. L. St. Martin.
Sugartown	Calcasieu		18	74.8	+ 0.8	97	30	52	6†	30	1.70	− 2.77	0.82	0	4	4	26	1		G. W. Richardson.
Tallulah	Madison	91	4	72.6[d]		99	28†	40	5	36[d]	1.22		1.05	0	2	3	28	0		C. E. Speed.
Walker	Livingston		1	74.2		98	31	47	5	35	2.00		0.70	0	6	20	9	2	ne.	H. C. Fondren.

[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, 1911. District No. 7, Lower Mississippi Valley.*

Stations.	River basins.	Day of month.																														Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Colorado.																																	
Blaine	Cimarron		.22					.20					.30	.14	.70						.08									.95		.27	2.86
Buena Vista	Arkansas														.20																	T.	0.20
Calhan	Big Sandy							1.39			T.				.01	.19				.02	.09						.04		.24	.05	.02	.01	2.06
Canon City ‖	Arkansas								.07							.15					.10	.02					T.			T.	T.		0.34
Colorado Springs	Fountain				T.		.01	.02							.39					T.	.02					T.			.02			.19	0.65
Cripple Creek	Oil Creek					T.	T.								.06	.12					.10	.04							T.			.25	0.57
Cuchara Camps	Cucharas														.27					.04	.64	.35				.26			.09		.06		1.71
Eads	Big Sandy																																
Fairview	St. Charles																.54				.57							.02					1.13
Fremont Experiment Station. ‖	Fountain	T.	T.	T.	T.	T.	.17								.26				T.	.06	.12					T.			.07			.21	0.93
Garfield	Little Arkansas.						.06	.20			.02				.03	.27				.23												.04	0.85
Hamps	Big Sandy							.01			.02				.13														1.86	.15			2.17
Hermit Lake	Grape Creek							.15		.18					.20	.07				.03	.33	.22					.11		.04			.31	1.64
Hoehne (near)	Purgatoire							T.							.38														.21			.22	0.81
Holly	Arkansas				.02				.12							.08														.75			0.97
La Junta	do								.25																		.05		.58		.65		1.53
Lake Moraine	Fountain	T.	T.					.20	.07						.09	.14				.39	.37	.12					.05						1.43
Lamar	Arkansas			T.																									1.25	.07	.08	.21	1.61
Las Animas	do							.12												.11	.13								.73	.09		.32	1.50
La Veta Pass	Cucharas								.20	.20					.19					.30						.12	.08		T.	.08			1.17
Leadville	Arkansas	T.					.11	T.			.02				T.	.15				.38	T.						.02					.02	0.70
Limon (near)	Big Sandy						.01	.05			T.				T.														1.42		.01		1.49
Madrid	Purgatoire							.18							.66					.02		.04							.04			.19	1.13
Marshall Pass	Arkansas							T.								T.				T.				T.				T.				T.	T.
Monument	Fountain																																
North Lake	Purgatoire														.10					.04	.14	.10					.10						0.48
Pueblo	Arkansas					T.		T.							.01	.01				.18	.07					T.			.13	T.		T.	0.40
Rocky Ford (near)	do							.31							T.					T.	T.								.09			.25	0.65
St. Elmo	Chalk Creek						.05	.14	.06					.05		.34				.17						.11							0.92
Salida ‖	Arkansas								.02			T.				.05											.01			.03			0.11
Santa Clara	Huerfano	T.						.11					T.	T.	.16					.16	.13	.20				T.			.07	.02		.66	1.51
Sheridan Lake	Arkansas		.20																							.17			.90			.07	1.34
Stonewall	Purgatoire							.01						T.	.30					.08	.10					.03			.24	.32		.28	1.36
Trinidad	do						T.	.02							.05						.03	.01							.02	.01	T.	.04	0.18
Victor	Oil Creek						T.	.20	.08							.44				T.	T.	T.											0.72
Vilas	Cimarron							.20						.61	.59	1.25				.25	.28												3.18
Wayne	Arkansas	T.	T.												.20					.07	T.					.08			1.83			T.	2.18
Westcliffe	Grape Creek						T.								.05						.14									.17		.25	0.61
Winfield	Clear Creek	T.					.02	.12			.01			.01	.03	.13				.14	.07	T.					.03		T.	T.		.05	0.61
Woodman Sanatorium.	Fountain	T.	T.	T.			T.	.05	T.						T.	.15				T.	.03	.12					T.		.01	.02		T.	0.38
Wortman	Arkansas	T	T.				T.	.10	T.		T.	T.		T.	.15						.13	T.			T.	T.		.15	.10	T.		T.	0.63
New Mexico.																																	
Abbott	Canadian								.05				.05	1.05	.50														.28	.67			2.60
Albert	do							T.					.50	1.10	1.36	.03														.41			3.40
Aurora	do							.19	.06				.02	.19	.25	.32					.30	.07							.08	.82		.62	2.92
Bell Ranch	do						.05		.05				.81	T.	.52	.24					T.								1.29	1.84	.06		4.86
Black Lake	do							.36						.08	.71	.25					.25									.18		.66	2.49
Cabeza	do							T.	.06				.10	.25	.85	.25													T.	1.46			2.97
Campana	do							.16	T.		T.		.93	.10	.33														1.15	.73	T.		3.40
Chacon	do							.40					.07		.30	.72				.14										.24		.26	2.13
Cimarron (near)	do					T.	T.	.24						.62	.41						.05	.10				.06			.12	.54	.04	.43	2.61
Clayton	do				T.			.41					T.	.30	.14	.99	.32													1.24	.26	T.	3.66
Clovis	Red																																
Cuervo	Canadian								T.					T.	.01	.91					.08									.03	T.		1.03
Dawson	do							.27					T.	.10	1.00							.10				.12			.10	.42		.32	2.43
Elizabethtown	do							.09	T.					.07	.01						.21	.20					.05		.18	.23	.15		1.79
Folsom	Dry Cim'n				T.	.15		.04						T.	1.17						.22	T.				T.			.43	.30		.48	2.79
Fort Union	Canadian					.35		.12					.30	1.15	.35						.05					.06			.25	.35	.20	.12	3.30
Hayden	do							.34	T.				.50	.59	.21	.82					T.								T.	.27	.05	.20	2.98
Johnsons Park	do					.45		.07	T.				.09	.05	1.13	.21	T.			T.	T.					T.	.15		.28	.84		.08	3.35
Kappus	do													.40	.05	.05	.08												.60	1.80		.05	3.03
Lake Alice	do																																
Logan	do												.83			.14													*	3.46	.07		4.50
Los Alamos	do							.14					.30	.78	.32											.02			.11	.45	.17	.15	2.44
Lykins (near)	Red													1.30	.50	.18													.41	.14		.13	2.66
Maxwell (near)	Canadian							.09						1.32												.04			.02	.45		.14	2.06
Melrose	Red													.64	.70	.29													.34	.17		.11	2.25
Miami Ranch	Canadian							.20							1.78						.20									.43			2.61
Montoya	do							T.						.25	.10					.01										.10			0.46
Mount Dora (near)	do							.10					T.	.13	.36	.51				T.	.22								.33	.77			2.42
Nara Visa	do				T.								T.	.19	.34	.64	.08				.04									1.34	.20		2.83
Ocate	do							.26	T.					*	2.36	T.					T.	T.	.01							.57		.22	3.42
Optimo	do																																
Pasamonte	do							.16	.14					.45	.52	.08													.82	.16			2.33
Pleasant View	do																																
Portales	Red																																
Raton	Canadian					.25		.10	.10				.20	.10	.65	.10				.10	.01	T.				T.			.35	.53		.30	2.79
Rociada	do							.04		.12			.06	.50	.43	.01					.10									.22	.11	.17	1.76
Rosebud	do							.39					.34	.69	.07	.22													.56	.49			2.76
Roy	do							.02					.06	.23	.95														1.15	.70	.20	.05	3.36
San Jon	do				T.								T.	.15	.05	.35	T.										T.			1.71	T.		2.26
Solano	do							.11	T.				.09	.91	.75	.11													.18	1.55		T.	3.70
Springer	do							.01	.02					.27	1.00	.18					T.	.07							.06	.55		.08	2.24
Taylor	do							.05		.05			.05	1.40	.40					.10						.10			.15	.50			2.80
Trementina	do							T.	T.				1.08	.01	.22							T.								.40	.26		2.97
Tucumcari	do				T.								T.	.05	.15	.12													.48	.12			0.92
Valley	Dry Cim'n					T.								*	3.70					.05									*	1.70	.70		6.15
Vance	Canadian							.25	.03				.56	.53	.92	.59													*	1.52			4.40
Vermejo Park	do							.20						.03	.30					T.	T.								.30		T.	.20	1.03
Wagon Mound (near).	do							.14	T.				.14	1.77	1.21							.12				.13			.19	.53		.12	4.35
Texas.																																	
Amarillo	Canadian				T.								T.	.40	.15	.01					.04						.61		1.64	2.90	.13		5.88
Archer City	Red										T.	T.		T.								T.								.29			0.29
Arthur City ‖	do	.10					.10				.10	T.									.35												0.65

TABLE 2.—*Daily precipitation for May, 1911. District No. 7*—Continued.

Stations.	River basins.	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.
Texas—Continued.																																	
Bonham	Canadian																																
Canadian	do												.60		.40	.08											T.		1.85	.76	.15		3.84
Childress	Red																										1.00	.50					1.50
Chillicothe	do													.21		.08					.06							.45	.89	.17	.07		1.93
Clarendon ‖	do													.45	.21	.62	.13											.45	1.18	1.17	1.10		5.31
Clarksville	do											.41									1.42										.36		2.19
Claude	do												.30	1.25	.41														1.40	2.04	.22		5.62
Dalhart ‖	Canadian								.05					.68	.83	.63					.09								.82	.17	.10		3.37
Denison ‖	Red	.14										.34										.64									.85		1.97
Finley ‖	do	.66																			.83												1.49
Henrietta ‖	do	.05										.04																		.04			0.13
Hereford	do																																
Lewis Ferry ‖	do	1.08				T.	1.10																										2.18
Memphis	do													1.90	.25	.55												.55	1.20	1.00	.40		5.85
Miami	Canadian													.65	.63	.23					.05						T.	.72	1.83	.81	.15		5.07
Mobeetie	Red													.20		T.											1.20	1.00	1.60	.50			4.50
Nazareth	do																																
Ochiltree	Canadian												.65	.50		.15				.42							.65	.25	1.00	.28			3.90
Pampa	do																																
Paris ‖	Red	.50				T.	T.					.64	.29								1.56	.32											3.31
Plemons	Canadian				.03								T.	.86	.08						.31						.02	.04	3.09	1.03	.05		5.51
Quanah ‖	Red													.20														.40		.40	.50		1.50
Ringo Crossing ‖	do	.45											.45										.67										1.57
Romero	Canadian	T.	T.		.02			T.					.82	.35	.30	.08		.03		.04										1.87		T.	3.51
Sherman ‖	Red																																
Texline	Canadian					.50		1.00						.33	1.20	.50													3.00				6.53
Tulia	Red				T.								T.	.16	.17						T.	T.					T.	T.	.06	1.26	.10		1.75
Wichita Falls	do									.01			T.															T.	.18				0.19
Winfield	do											1.60									.32												1.92
Kansas.																																	
Alden	Arkansas			.66	.11	.33	.12							.25	.16							.11						.37	.75	.20		.10	3.16
Anthony	do			.14	.28	.82	T.				T.			.90		T.	T.	T.				T.	.06					2.01	2.51	.03			6.75
Ashland	Cimarron			.27	.27	.05	.06							1.03	.56	.17	T.					.01	.29				.27	1.00	.47	1.07	.03		5.55
Burlington	Neosho			.37							.13									.44		.34	.20					.32		.10	.12		2.02
Chanute	do			.20	.20		T.					.24								1.26	1.28	.37	T.					T.		.31		.18	4.04
Cimarron	Cimarron																																
Coldwater	do				1.30	.17	T.							.73	.42	.10	T.				.02	.07	.17				T.	1.23	.85	.66			5.72
Columbus	Neosho			.02	.05							.52						.02		.01		.08	.04							T.		.40	1.14
Coolidge	Arkansas								.20							.25														.70			1.15
Cottonwood Falls	Neosho			.46								.12									.01	.09	.32					.10	1.76		.01	.21	3.08
Council Grove	do	T.		.55	T.						.02										.04	.14	.15					.09	1.07		.02	.15	2.23
Cunningham	Arkansas			.25	.35	.65	.27							1.10	.39	T.					.20	T.	T.					.30	1.35			.33	5.19
Dodge City	do			.06	.07	.05	.02	.05					.84	.16	.13	.02					T.	.34	.05				.30	1.50	.03	.01	.02	.30	3.95
El Dorado	do			.36	.03						.30										.07		.10					.63	2.69		.03	.93	5.14
Ellinwood	do			.22	.15	.26	.25		T.					.63	.13	.01	.08					.25	.07					.31	.57	.01		.60	3.54
Emporia	Neosho			.63								.17									.02	.20	.15						1.80	1.21	.17	.18	4.53
Eureka	Verdigris																																
Fall River	do			.05	.10		T.					.25						.15		.20	.02	.03	.02						.20	.15		.15	1.32
Fargo	Cimarron				.12	T.		T.						.35	.54		T.				T.	T.							2.50		2.00		5.51
Fredonia	Verdigris			.08	.08		.01					.32					T.	.02		.08	T.	.07	.05						.25	1.25		.16	2.37
Garden City	Arkansas			T.	.25	T.						T.	T.	.40	.40							.25	.37				T.	1.10	T.	.14	T.	T.	2.91
Great Bend ‖	do			.12	.22	.13	.25							.54	.17	.12						.40						.20	.92			.11	3.18
Greensburg	do			.10	.30	.20	.22							1.13	.77	.01						.13	.16				.09	.25	.77	.04	.01		4.18
Grenola	Verdigris			.11	.15		T.					.71		.07		T.		T.		.33	.01	.19						.13	1.55	.39		.63	4.27
Howard	do			.48			T.					.30		T.				T.		.24	.04	T.						T.	T.	T.	T.	.96	2.02
Hugoton	Cimarron			.04	.22	T.		.02						1.35	2.03	.86	.62				.07							.13		.33	.42		6.09
Hutchinson	Arkansas			.52	.12	.12	.01							.12	.02							T.	.10					.05	1.18			.19	2.43
Independence	Verdigris			.02	.06		.02					.49					.63				T.	.01	.05					T.		.78		.26	2.32
Iola	Neosho			.19	.09		T.				.09							T.		1.69	.05	.29	.05					.03	.01	.06	T.	.08	2.63
Irene	Arkansas				T.									.11	.30	.32				T.									T.	.72		.88	2.33
Jetmore	do			T.	.41	.03	.08							.43	.55							.55	.40				.14	.05	.20	.03	T.	.50	3.37
Kingman	do			.12	.09	.42	.05							.71		T.						T.	.07					.13	1.59	.02	.10	1.55	4.85
La Crosse	do			.21	.20	.05	.20						.68		.06							.78	.04					.51	.20			.87	3.80
Lakin	do		T.										T.	.03	.04						T.	T.							.25				0.32
Larned	do		T.	.24	.55	.22	.06	T.						.98	.43	.01						.53	.05					.94	.69	T.	T.	.50	5.20
Lebo	Neosho			.50								.24		T.				T.		T.	.01	.28	.27					.12	.39	.10	.06	.46	2.43
Le Roy ‖	do				.54							.28			.07							.30	.20	.14					.94	.06		.48	3.01
Liberal	Cimarron			.10	.18	T.		T.						.33	1.18	.07					T.	T.					T.		.23	.52	.11		2.72
Macksville ‖	Arkansas			.15	T.	.58	.12							1.45	.20	.30	T.					T.	.33	T.				.26	1.10	.26	T.		4.75
McPherson ‖	do			.36	.31																		.20						.55	1.20		.06	2.68
Madison	Verdigris			.27	.04							.38		T.				T.		T.	T.	.10	.25					.29	1.04		T.	.21	2.58
Marion	Neosho			.74			.01				.15			.02	T.	T.				T.	.14	.09	.23					.06	1.43		T.	.75	3.62
Medicine Lodge	Arkansas			.14	.35	.74	.13						.28	.35		T.					.23	.07					.10	1.73	.76	.11			4.99
Medora ‖	do		.17	.34	.08	.03	.02										T.			T.	T.	T.	.36					.60	.23	.01	.01	.28	2.13
Mount Hope	do		.31	.11												T.					.19		.10						1.02		.05	.11	1.89
Neosho Rapids ‖	Neosho			T.	.33						.42								T.		.12	.32	.14						.23	.80	T.	.13	2.49
Ness City	Arkansas		T.	T.	.35								.15	.12	.12	.06						1.10						1.07		.04	1.90	.60	5.51
Newton	do			.82	.11						.05										.12	.13	.21					.15	1.93		.02	1.12	4.66
Norwich	do			.13	.09	.30	.04					T.		.39	T.	T.					.08		.07					.57	1.48		.07	1.36	4.58
Oswego	Neosho			T.	.07						.89							.02		.02	.03	.11	.10							.05		.35	1.64
Plains	Cimarron			T.	.15			.20						.20	.55	.25							.25				T.		.30	.45	.10		2.45
Pratt	Arkansas			.10	.30	.70	.58						1.34	.43	T.								T.						.98				4.43
Rome	do			.03	T.	.03	.10				.36										T.	.05	.01					1.00	2.80	.27	.03	1.38	6.06
Sedan ‖	Verdigris				.07	.05						.25										.05	.12							.25	.05	.55	1.39
Toronto ‖	do				.18							.35							T.		.60	.24							.20	.10		.10	1.77
Ulysses	Cimarron				T.			T.					.28	.54	.32													T.		.29	.20	.20	1.83
Walnut	Neosho			.05			T.					.34									.05	.71	.20					.82		.44		.12	2.73
Wellington	Arkansas			.01	T.	.06	.02					.49		T.		T.					.04	.01						.78	4.28	.06	.03	1.20	6.98
Wichita	do			.22	.04	T.	T.				.12										.06	T.	.10					1.65	1.51		T.	.96	4.66
Winfield	do	T.		T.		T.					.20										T.	T.	T.					1.30	1.20	.75	T.	.75	4.20
Yates Center	Verdigris			.51			T.					.51						T.		.43	.01	.48	.03					T.	.08			.24	2.29
Oklahoma.																																	
Ada	Canadian					.25					.05									T.	.86	T.								1.55	.05	T.	2.76
Alva	Arkansas			.60	.60	.45																				T.	T.	3.75	1.45	.35			7.20
Apache	Red													.02															.81	.96	T.		1.79
Arapaho	Washita													.25							.07							1.33	.20	.22	.64		2.71
Ardmore ‖	Red	.05										.48									.67	.25								.10	.38		1.93
Arnett	Canadian				.30	.15								.25	.80	T.					.10							.55	3.02	.12	.22		5.51

TABLE 2.—*Daily precipitation for May, 1911. District No. 7*—Continued.

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	3	31	
Oklahoma—Contd.																																	
Bartlesville	Arkansas			T.	.33							.81					T.				T.	.10										.80	2.04
Beaver	Canadian				.65	T.							.12		.62	.16						.20					.15		.45	.65	.12		3.12
Blackburn	Arkansas			.10	.02							.48					.02	.40		.38	.02									.14		.48	2.04
Cache	Red																											.05	.55	.80			1.40
Calvin	Canadian					.10	.08					.22									1.24	.78								.04	.02		2.48
Chandler ‖	do					.28	.31											T.	.20		T.		T.								.04	T.	0.83
Chattanooga	Red											.08																.22		.68			0.98
Chickasha	Washita																										T.	T.	.25	.65	.15		
Cloud Chief	do													T.														.94	.06	.37	.75		2.12
Durant ‖	Red	.20					.05					.21	.05								1.28	.21								.03	T.		2.03
Eldorado	do												T.	.25							T.	.07						.53	.23	.65			1.73
El Reno	Canadian					.33																							.59	.01	.55		1.48
Enid ‖	Cimarron			.10	.05	.35	.34					.02										.02	.30					.15	.18	.65			2.16
Erick	Red													1.08		T.					.05	T.					1.90		2.17	.76	.55		6.51
Fairland	Arkansas			T.								.24						T.		.05		.05								.39		.76	1.49
Fort Gibson	do	.75			.05			T.				.02	.02						T.		.76	.31									.56	T.	2.47
Frederick	Red													.08								T.						.15	.68	.38			1.29
Goodwell	Canadian				.02			.73					T.	.23	1.10						.05	.01					.03		.24	.53	.18		3.12
Guthrie	Cimarron					.35																						.20	.30		.12		0.97
Guymon	Canadian																																
Harrington	Red												.35														.98		2.34	.98			4.65
Hartshorne	Canadian					.12						.17									2.53												2.82
Healdton	Red											.89					T.				T.									1.41			2.30
Helena	Cimarron			.14	.23	.70	.03							.10								.25	.13					.12	.98	.25			2.93
Hennessey	do		.05		.03	.31														T.								.11	.37	.08			0.95
Hobart	Red											T.	T.	.04														1.13	.27	.43	.84		2.71
Holdenville ‖	Canadian					.09	.26					.10									.85	1.48								.28	.26		3.32
Hooker	do				.17			.48					.08	.51	.90	.06					.05						.03	T.	.31	1.07	.15		3.81
Hurley	do					.10						.15	.52		2.55															.55			3.87
Idabel	Red																				.70										T.		0.70
Jefferson	Arkansas			.46	.30	.74	.06			.16				T.									T.					.86	.71				3.29
Kenton	Cimarron		T.			.01		.11	.08					.22	.72	.07				T.	.30								.36	1.56	T.	.52	3.95
Kingfisher	do			.03	.01	.34						.02						.01		.03		.01	.07					.61	.44		.59		2.16
McAlester	Canadian					.18						.29									2.25									T.			2.72
McComb	do																																
Mangum ‖	Red													.18								.13						.90		.16	1.43		2.80
Marlow ‖	Washita											1.13						.27										.02	.05	1.30	1.50		4.27
Meeker	Canadian					.47																								.50	.10		1.07
Muskogee	Arkansas																	T.			.91									.51		.16	1.58
Mutual	Canadian													.42													.95		2.15				3.52
Neola	Washita					T.						T.		.06														.08	4.80	.99	.40		6.33
Newkirk	Arkansas			T.		T.	.10				.37									T.	.13							.37	1.48			1.83	4.28
Norman	Canadian																																
Oakwood	do					.06								.07							.01							.59	.21	.39			1.33
Okeene	Cimarron				.06	.32	.01				T.	T.		.07							T.	T.	T.					.16	.78		.08		1.48
Oklahoma	Canadian				T.	.28					.04						.35				T.	T.					T.	.10	.85	.01	1.02		2.65
Okmulgee	do	1.35																			3.53												4.88
Pauls Valley	do					.37						T.									.10							.17	T.	2.76			3.40
Pawhuska	Arkansas			.03	.03		T.					.40		T.			T.	.43			T.	.05	.11						T.	.21	T.	.30	1.56
Perry	do			.14	T.	.85	T.					.44						.24		.01	.03	.02	.21					.37	.55		T.	.60	3.46
Ravia	Washita											.96		.15							.30								.48	.78			2.67
Sac and Fox Agency	Canadian					.50	T.														1.07	T.							.25				1.82
Shawnee ‖	do					.12	.09											.27			T.	.04	T.							.25	.05	.03	0.85
Snyder	Red													T.														.23	.10	1.80			2.13
Stillwater ‖	Cimarron			.04	T.	.38	.35					.19			T.	T.			.24		.14									.20		.22	1.76
Tulsa ‖	Arkansas	.03			.04	T.						.20							.30		.77	.10	.02							.01		.50	1.97
Vinita	do						T.					.40		T.					T.	T.	.04												
Wagoner	do											.10						T.			.83									.42		.11	1.46
Waukomis	Cimarron			.07	.20	.55					T.	.35						T.			.03	.05	.25				.15	.65		T.	T.	2.30
Waurika	Red											.57																	T.	.17			0.74
Weatherford ‖	Canadian					.02	T.							.08								T.						.83	.11	.81	.61		2.46
Webbers Falls	Arkansas											T.									.68	.58								T.			1.26
Whiteagle	do																																
Woodward	Canadian				.13		.04							.60	.77	T.					.10		.26					.34	1.79	.03	.07		4.13
Missouri.																																	
Belle	Meramec			T.																	.05	.14							.10	.60	.08		0.97
Birchtree	Black																					.20											0.20
Cape Girardeau ‖	Mississippi	.70			T.								T.																T.				0.70
Caruthersville	do												T.																		.25	.01	0.26
Cassville	White										T.		.08							.12	.01									T.		.39	0.60
Dean	Neosho			.10								.32									.19	.03								.06	T.	.42	1.12
Doniphan	Black											.20									.03	.33										T.	0.56
Gano	Meramec																				.70	.05							.22			.02	0.99
Goodland	Black																												.24				0.24
Greenville	Mississippi				T.							.25							T.		T.	.35							T.			T.	0.60
Hollister	White																	T.						.30						.40			0.70
Ironton ‖	Mississippi	2.03			T.								T.							.04		T.		T.						T.		.10	2.17
Jackson	do			T.								.07							.05													.20	0.32
Joplin	Neosho											.37																				.62	0.99
Koshkonong	Black			T.	T.						T.	T.						T.	.15		.28	.12		.02				.16	T.			T.	0.73
Lamar ‖	Neosho	.19			.08							.34									T.								T.		T.	.29	0.90
Marble Hill	Mississippi	.20										.18																				.40	0.78
Mountaingrove	White			.03								T.							T.			.13		T.					.45				0.60
Mount Vernon	Neosho				.04							.16									T.									1.44		.10	1.74
Neosho	do				T.							T.									.27	T.							.04	T.	.38	1.80	2.49
New Madrid ‖	Mississippi	.08												.02									T.							T.			0.10
Oakfield	Meramec	T.		T.																	.09	.23						T.	T.	.46		.74	1.52
Olden	White																	.15	.03		.40	.14											0.72
Perryville	Mississippi	.24																			.50												0.74
Rolla	Meramec				.02																1.36	.08							.22		.19	.04	1.91
Springfield	White	T.		.02	.05							.13									.01	T.								.13		T.	0.34
Steelville	Meramec																		T.		.08	.05						T.	.09	T.		.26	0.48
Kentucky.																																	
Blandville	Mississippi	T.											T.	.38					T.	T.	.01		.10							T.		.13	0.62
Lynnville	do																																
Tennessee.																																	
Arlington ‖	Mississippi	1.20																				.04											1.24
Boliver ‖	do	T.																			T.	.41	.76										1.17

TABLE 2.—*Daily precipitation for May, 1911. District No. 7*—Continued.

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Tennessee—Contd.																																	
Brownsville ‖	Mississippi	.84																		T.	T.	.25	T.										1.09
Covington ‖	do	.46													.20																.40		1.06
Dyersburg ‖	do	.20																															0.20
Jackson	do	.60																				.49	1.81										2.90
Kenton	do	.30											T.	.61					T.	T.	.20		.13							.06		T.	1.30
Memphis	do																				.20												0.20
Milan ‖	do	.59												T.						.02	T.	.85	1.22	.02							.03		2.73
Trenton	do	.49																	.18	T.	.80		.24							.25			1.96
Union City	do	.50																											.20				0.70
Arkansas.																																	
Alicia	White																													1.70			1.70
Amity	Ouachita											.10							T.		1.50	.02											1.62
Arkadelphia (near)	do											.28						T.			1.80												2.08
Arkansas City ‖	Mississippi																					1.00											1.00
Batesville ‖	White	.22											T.									.62											0.84
Bee Branch	Arkansas																		T.		.65										T.		0.65
Benton	Ouachita																				.50												0.50
Bentonville	Arkansas			T.	.05							.10								T.	.24											.48	0.87
Bergman	White																				.56											.14	0.70
Black Rock ‖	do	.30																			T.	.62								T.			0.92
Brinkley ‖	do	.14																				1.13											1.27
Calico Rock ‖	do																			.25	T.	.50	T.										0.75
Camden ‖	Ouachita	.15											.57								.05	.70											1.47
Center Point	Red					T.						.47									.60												1.07
Clarendon ‖	White	.16																		T.		.53											0.69
Conway	Arkansas											.08								T.	.94	.05											1.07
Corning	White	.15										T.								T.	.28	.64								T.		T.	1.07
Dardanelle ‖	Arkansas	.10																			.54	.90											1.54
Dodd City	White											T.									.40											T.	0.40
Eldorado ‖	Ouachita	T.											.02								.14	1.29											1.45
England ‖	Arkansas	.16				T.															.85	.50											1.51
Eureka Springs	White																				.33									.33		.49	1.15
Fayetteville	do																				.41	.05										.19	0.65
Fordyce	Ouachita										.26						.38				.30	.80											1.74
Fort Smith	Arkansas				.02							.14								.18	1.22											T.	1.56
Fulton ‖	Red												.44									.86											1.30
Hardy	White	T.										.06							.03		T.	.28						T.	.06				0.43
Helena ‖	Mississippi	.10																		.20	T.	.12							T.				0.42
Hot Springs	Ouachita											.20									.20	.70											1.10
Huttig	do																				.80												0.80
Jonesboro	White																				.45												0.45
Junction	Ouachita											T.									1.37												1.37
Lake Farm	Arkansas																				.40	.72											1.12
Lewisville	Red											.31									1.00												1.31
Little Rock	Arkansas				T.							T.							T.		.78	.04											0.82
Lutherville	do				T.																.73	.05							.33		.39		1.50
Malvern ‖	Ouachita	.15																	T.		.40	.37											0.92
Mammoth Spring	White											.04		.10								.43											0.57
Marked Tree ‖	St. Francis																					.22											0.22
Mena	Ouachita											.45									1.49										.08		2.02
Newport ‖	White	.16																				1.85											2.01
Ozark	Arkansas											.36								.94										.12	T.		1.42
Pine Bluff ‖	do	.12											T.								.01	.52											0.65
Pocahontas	White	.55										.10										.40											1.05
Pond	Arkansas				T.							.08						T.			.21									T.		.62	0.91
Portland ‖	Ouachita													.03								.75									.60		1.38
Prescott ‖	do	.11											.58						T.		.22	.65											1.56
Rogers	Arkansas				.10							.05						T.			.14											.41	0.70
Springbank ‖	Red	.36				T.							.66								.10	.32											1.44
Stuttgart	Arkansas																		T.		1.06												1.06
Subiaco	do				T.									T.					T.		.93							T.			.17		1.10
Swain	White				.01							.01	.01								1.01	.02									.02		1.08
Texarkana ‖	Red	.18											.70								.09	.81											1.78
Warren ‖	Ouachita																					.89											0.89
Whitecliffs ‖	Red	.43											.50								.08	.58											1.59
Wiggs	Ouachita											.27						T.	T.		1.11	.10					T.						1.48
Wynne ‖	St. Francis	.08																				.30								.27			0.65
Mississippi.																																	
Anguilla	Yazoo												T.									.71								T.			0.71
Austin	do	.09																	.08		.22	T.											0.39
Batesville ‖	do																					.92											0.92
Big Creek	do																		T.		4.40	.44	.59						T.		T.		5.43
Byhalia	do													T.							.06	.21								.35			1.22
Canton	Big Black																					.02								.05			0.07
Charleston	Yazoo																																
Clarksdale ‖	do													T.								.11								.09	.04		0.24
Coffeeville	do																				.08	.53	.13						T.	.01			0.75
Corinth ‖	Mississippi																					.04	1.32										1.36
Crenshaw	Yazoo	.03																			1.87	.14								.57			2.61
Denmark	do																				.94	.50	.47										1.91
Duck Hill	do												T.								.36	.38	.10								T.	T.	0.84
Edwards	Big Black																	T.	.08	.04	1.05	.60							.05				1.82
Enid	Yazoo																				T.	1.35											1.35
Fayette	Mississippi																	T.	T.		.88							T.		.35			1.23
Greenville ‖	Yazoo													.01							.05	.70									.45		1.21
Greenwood ‖	do	T.												.50								.34	.04										0.88
Grenada	do												T.								T.	.60											0.60
Hernando ‖	do	T.																				1.70	T.										1.70
Hickory Flat	do														.12						2.83	.58	.63										4.16
Holly Springs ‖	do														.32						1.52	1.69	.09										3.62
Kosciusko ‖	Big Black	1.13																				.42	.17							.02		.64	2.38
Lake Cormorant	Yazoo	.52																	T.		2.24									.09			2.85
Lula	do																	T.	T.		.20	.09											0.29
Malone	do	.29												T.					T.	T.	6.25	.05	.10										6.69
Marks	do																				.41	.31									.33		1.05
Natchez ‖	Mississippi	.86		T.									T.	.41								.34											1.61
New Albany	Yazoo														.32						.53	.56	.90										2.31
Pontotoc	do																		.20		1.00	.80	.44										2.44

TABLE 2.—*Daily precipitation for May, 1911. District No. 7*—Continued.

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
***Mississippi*—Con.**																																	
Port Gibson ‖	Mississippi	2.00		.03									T.	.27					.16		T.	.49									T.		2.95
Rosedale ‖	Yazoo																					.20											0.20
Senatobia	do																				1.03	.57								T.	T.		1.60
Shoccoe	Big Black																T.		T.		T.	T.								.09	.13		0.22
Suffolk	Mississippi	.04	.15										T.					T.	T.	.23	.82												1.24
Swan Lake ‖	Yazoo													.35								1.80											2.15
Tchula	do												T.						.20		.10	T.							.70	T.		T.	1.00
University	do																			T.	3.20	.49	.19										3.88
Utica	Mississippi	.02	T.										T.				T.		T.	.08		.60							T.	T.			0.70
Vicksburg	do												.10				.05	T.	.05		.29	.05						T.	.11				0.65
Water Valley	Yazoo																			T.	T.	1.45		.20									1.65
Woodville	Mississippi	.60	T.	.14									.12					.05			.15	.26					.36				.06		1.74
Yazoo City ‖	Yazoo	.92												.48						.13		.13									T.	.58	2.24
Louisiana.																																	
Abbeville	Coast	.51	.12	.14									T.					.70					T.	.88							.05		2.40
Alexandria ‖	Red	.10											.93								.03	2.27											3.33
Amite ‖	Coast	2.00	.30	.42															.50		1.10	.30	T.	T.							.25		4.77
Baton Rouge ‖	do	1.52	.15	.44	T.								T.			T.					.02	.88									.05		3.06
Burnside	do	1.96	T.	.64																.20		1.20								T.	T.		4.00
Burrwood	do	.23	.08	.29																.06	.82	2.62											4.10
Cades	do	2.00	.29	.08									.71														.44					.29	3.81
Calhoun	Ouachita											T.					T.				.90	.39											1.29
Cameron	Coast		.49	1.74									.56									T.						T.					2.79
Carrollton	do	1.20	.10	.90																										.80			3.00
Cheneyville ‖	Red	.18		.12									.65	.15								1.20											2.30
Cinclare	Coast		3.25									.05			.12					.06	.53												4.01
Clinton ‖	do	.24	.15	.20									T.						.04		T.	.82									1.48	1.33	4.26
Collinston	Ouachita																					.65											0.65
Covington ‖	Coast		1.25	.29															.54		.01	.97	.07			T.					.52		3.65
Dodson	Red										T.											1.83									.30		2.13
Donaldsonville ‖	Coast	6.00	.25	.83	.30									T.								T.		T.							.05		7.43
Farmerville ‖	Ouachita										T.										1.31												1.31
Ferriday	do																			.09	.60	.58									.48		1.75
Franklin ‖	Coast	1.10	.15	.47	.06									T.					.10	.40		.54			.05			.50					3.37
Grand Cane ‖	Red	.19											.50									.47											1.16
Grand Coteau	Coast	.72	.35										.05					T.	.02	T.	.03	T.			.03					T.	T.	.15	1.35
Hammond	do	1.95		.26																.40		.28									.15		3.04
Houma	do	1.70		.40																	.20	.10		.40									2.80
Jena	Red											.77									1.90												2.67
Jennings ‖	Coast	1.20		.42										3.44					.60			.57					.05					.50	6.78
Lafayette ‖	do	1.10		.30										.07					.05		.15	.13						.34					2.14
Lake Charles ‖	do			.30									.20	.60					.20								.05						1.35
Lakeside	do	.95		.58									1.82									.48										.95	4.78
Lawrence ‖	do		.83	.87	.19																	1.69		.10									3.68
Leesville	Sabine																																
Liberty Hill	Red											.40										1.64					.10						2.14
Logansport ‖	Sabine		.30										.55									.56											1.41
Melville ‖	Red	1.03	T.	.31										.12					.03		.25	.46											2.20
Minden ‖	do	.12		T.		T.							.70	.12								2.05											2.99
Monroe ‖	Ouachita												.03																				0.03
Morgan City ‖	Coast	.09	1.13	.24	.02									.51				T.	T.	T.	.02	.40						T.			T.		2.41
Newellton	Mississippi																													2.30			2.30
New Iberia	Coast	.10	.05	.47	.05								T.						.05			.93					.05			.10	.33		2.13
New Orleans (1)	do	1.44	.11	.21																		.23	.18							.03			2.20
New Orleans (2)	do	1.53		.33																		1.15	.52										3.53
New Orleans (3)	do	1.42	.11	.22																		.30	.21										2.26
New Orleans (4)	do	1.62	.10	.20																		1.10	.47										3.49
New Orleans (5)	do	1.62	.12	.20																	.02	1.08	.35							.01			3.40
New Orleans (6)	do	1.60	.11	.22																		.28	.23										2.44
New Orleans (7)	do	1.48	.13	.22																.10	.03	.28	.21										2.45
New Orleans (8)	do	1.59	.10	.20																	.03	.29	.40										2.61
Opelousas ‖	do	.62		.33									.14	.13					.81			.36									T.		2.39
Paradis	do																																
Pearl River	Pearl	3.30	.64	.26	.14																1.04	.68		.50	T.	T.					.82		7.38
Plain Dealing	Red											.70								.69	.19												1.58
Rayne ‖	Coast	1.64	.10	.45										.10						T.	T.	T.						.21	.15		T.		2.65
Reserve ‖	do	.14	2.43		.87																1.82	.31	.16	.52									6.25
Robeline ‖	Red	.15											.25									2.07											2.47
Ruston	Ouachita																					1.00											1.00
St. Francisville ‖	Mississippi	T.																															T.
Schriever ‖	Coast	1.09	1.71	.32	.08														.09		T.	.06	.70	1.46	T.						.22		5.73
Sheridan	Pearl	.80		.30												T.	T.	T.	.88	.05	.75	.05	T.							.95			3.78
Shreveport	Red											.49						T.			.39	.01											0.89
Simmesport ‖	do	.28		.18									.02	.11					.04		.03	.33											0.99
Sou. Univ. Farm	Coast	1.45	.02	.40																	T.	1.45	.20	T.									3.52
Sugartown	do	.28										.82										.40									.20		1.70
Tallulah	Mississippi												.07									1.05											1.22
Walker	Coast	.10	.20																	.50	.70									.10	.40	T.	2.00

* 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, 1911. District No. 7, Lower Mississippi Valley.*

Date.	Colorado.						New Mexico.				Texas.				Kansas.										Oklahoma.			
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris.§§		Dodge City.		Ellinwood.		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....	62	32	42	23	55	38	63	32	69	24	63	36	69	44	56	30	55	32	57	36	61	33	55	36	69	42	62	40
2....	79	31	48	21	67	31	68	41	70	31	67	42	68	44	62	34	56	29	56	33	70	31	59	35	72	43	63	37
3....	73	38	52	25	65	40	81	39	73	35	79	52	75	44	54	43	50	40	50	46	70	41	50	43	77	45	66	43
4....	68	40	61	25	66	42	69	47	74	36	69	50	80	46	48	42	51	43	60	44	53	41	55	45	82	51	64	49
5....	85	45	67	28	80	46	79	51	78	46	76	52	75	54	57	47	54	47	69	40	71	45	63	47	71	55	72	45
6....	96	53	58	34	85	49	83	55	79	41	79	51	78	54	82	50	70	50	74	48	80	56	68	52	81	53	77	51
7....	94	50	59	26	74	57	78	57	71	51	79	54	84	53	86	57	83	54	81	54	89	53	81	59	85	56	84	54
8....	99	53	60	30	86	50	83	52	80	41	81	54	86	54	85	57	85	57	86	61	91	57	85	59	87	56	89	55
9....	96	56	61	32	87	57	79	59	79	50	92	57	85	55	93	62	92	64	87	61	96	55	88	62	89	58	90	61
10....	90	55	41	20	73	48	84	55	70	52	85	55	87	60	90	51	93	65	89	62	90	62	90	59	89	56	91	66
11....	80	34	53	17	73	40	85	41	71	29	74	45	76	62	73	39	79	39	76	50	74	36	77	47	78	58	76	51
12....	88	56	60	25	80	43	78	48	75	44	82	52	77	58	81	49	82	49	83	48	85	49	80	52	86	59	88	56
13....	89	56	54	33	83	48	74	45	75	40	83	57	87	60	81	57	82	59	87	64	84	56	85	64	88	65	91	60
14....	85	60	59	29	76	48	70	55	63	46	71	59	89	62	73	61	77	62	87	68	76	56	85	68	90	66	91	62
15....	87	57	55	26	83	47	75	54	72	46	68	58	94	63	73	60	75	64	88	67	76	59	84	69	95	67	91	65
16....	92	50	57	21	82	51	81	55	77	40	80	55	92	65	81	58	83	59	88	69	83	58	87	71	90	68	93	65
17....	98	58	61	27	88	46	86	56	80	39	82	57	90	67	83	58	85	59	90	67	85	55	88	69	92	66	93	65
18....	99	60	59	34	88	48	86	58	79	39	89	60	90	65	89	64	89	66	89	69	92	53	89	69	93	68	94	65
19....	90	53	33	20	54	41	77	49	73	43	76	49	89	67	74	57	81	60	91	64	87	47	85	67	96	70	94	64
20....	63	43	35	19	56	39	71	52	55	35	65	45	82	62	67	50	70	53	66	56	76	47	67	55	67	67	64	54
21....	64	42	40	20	65	42	66	45	59	35	66	43	78	52	52	42	64	34	69	52	59	40	61	46	76	49	73	56
22....	81	45	56	24	73	39	80	45	69	37	79	49	88	52	66	47	69	41	67	49	76	43	67	46	90	51	76	52
23....	94	53	64	31	88	45	87	51	81	40	90	51	93	56	89	48	87	47	82	45	94	47	89	50	96	56	92	47
24....	99	57	61	36	85	52	89	62	84	43	87	59	93	59	89	61	91	63	92	63	92	55	93	67	95	64	96	61
25....	94	62	62	33	86	54	88	61	80	46	87	60	94	62	88	59	91	62	90	65	90	57	92	68	96	65	94	61
26....	95	65	48	35	78	55	85	64	74	48	83	61	90	62	84	61	89	65	90	66	86	64	90	71	93	67	95	65
27....	82	57	56	22	71	43	83	53	75	40	83	58	92	65	79	56	84	61	86	64	86	58	80	59	94	71	95	70
28....	75	53	60	26	64	49	78	53	68	40	70	53	93	65	69	58	68	56	85	60	78	55	69	59	89	67	94	65
29....	70	57	61	31	75	52	70	54	60	50	70	51	94	68	73	60	69	55	81	63	75	55	77	59	89	66	95	66
30....	89	54	64	31	86	48	84	58	78	50	84	56	97	69	86	62	89	62	87	62	88	58	86	67	97	67	95	67
31....	82	59	67	36	79	55	84	60	78	47	85	63	99	68	83	62	86	60	88	67	91	63	84	62	100	69	92	64
Mns..	85.1	51.1	55.3	27.1	75.8	46.5	78.8	51.8	73.2	41.4	78.2	53.0	85.9	58.6	75.7	53.0	76.7	53.5	79.7	56.9	80.8	51.1	77.7	57.5	86.8	60.0	84.8	57.5

Date.	Oklahoma.														Missouri.										Lynnville, Ky.		Jackson, Tenn.	
	Enid.§§		McAlester.		Mangum.§§		Muskogee.		Oklahoma.		Weatherford.§§		Woodward.		Caruthersville.		Ironton.§§		Lamar.§§		Olden.		Springfield.					
	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....	68	38	72	41	68	38	65	42	61	37	68	38	61	36	72	50	51	43	55	38	69	38	45	36	.....	.....	72	55
2....	67	35	69	43	73	39	65	40	68	40	71	37	67	35	63	46	61	33	56	33	60	34	53	33	.....	.....	60	46
3....	74	39	76	46	81	46	71	46	73	48	79	39	76	50	67	40	62	37	58	38	64	36	57	42	.....	.....	69	40
4....	67	47	77	50	78	49	68	51	67	50	67	47	56	47	66	48	66	45	62	45	65	46	59	45	.....	.....	67	45
5....	55	48	70	53	81	53	73	53	57	52	71	49	67	50	71	45	71	33	70	43	70	41	66	45	.....	.....	69	40
6....	78	50	78	50	86	53	76	48	75	52	86	53	81	53	75	42	73	32	75	45	72	40	69	49	.....	.....	72	41
7....	85	50	82	51	88	54	81	55	82	54	87	53	85	58	80	43	79	36	80	52	76	44	74	53	.....	.....	78	38
8....	87	57	85	55	89	55	85	55	85	58	88	56	87	55	82	44	84	39	84	57	81	54	80	58	.....	.....	82	43
9....	90	58	86	60	94	56	85	59	89	63	91	59	92	62	89	51	88	60	85	61	82	56	82	62	.....	.....	85	48
10....	91	62	87	65	98	61	87	59	89	59	91	63	97	68	86	55	85	54	87	66	82	56	82	61	.....	.....	85	52
11....	77	49	85	60	84	55	88	59	76	53	81	52	79	40	87	63	76	61	76	56	77	62	69	57	.....	.....	90	54
12....	87	50	88	66	92	55	86	56	85	60	88	49	85	45	92	61	87	53	85	49	84	59	80	55	.....	.....	88	53
13....	93	65	88	66	89	64	89	65	88	66	92	57	84	60	89	61	86	53	88	58	85	60	83	64	.....	.....	91	55
14....	90	67	88	67	87	66	91	68	88	68	90	65	81	62	88	61	87	53	87	65	85	60	84	66	.....	.....	91	54
15....	90	65	93	66	86	67	91	73	89	68	87	68	76	65	92	57	88	49	89	65	85	60	85	66	.....	.....	90	59
16....	89	68	88	68	83	62	90	68	89	68	85	62	84	56	92	60	89	53	89	65	86	60	84	64	.....	.....	91	63
17....	93	65	90	67	93	62	88	66	88	66	92	64	86	58	90	63	90	59	90	67	86	63	85	67	.....	.....	93	69
18....	93	69	92	66	93	65	91	65	89	69	92	69	86	66	95	64	91	61	88	67	87	66	85	67	.....	.....	89	61
19....	90	70	91	71	91	68	91	71	95	71	91	70	81	63	92	68	87	67	89	70	84	65	85	68	.....	.....	90	65
20....	70	61	90	60	71	60	82	60	73	52	90	59	70	50	87	71	84	67	76	62	85	67	78	60	.....	.....	89	64
21....	68	51	75	51	75	45	73	55	70	50	72	50	63	45	85	65	78	64	74	55	70	59	70	55	.....	.....	82	69
22....	76	49	86	53	90	50	83	54	86	51	87	45	73	47	88	63	81	50	74	53	88	54	72	52	.....	.....	85	65
23....	97	50	91	59	96	50	88	55	95	56	98	49	93	47	92	54	84	53	87	45	83	54	83	54	.....	.....	87	55
24....	97	55	91	66	96	52	91	63	94	67	97	60	91	67	96	58	93	48	93	57	90	62	89	64	.....	.....	93	59
25....	97	65	93	63	96	59	91	62	93	66	96	64	91	65	98	60	94	53	93	62	89	64	88	65	.....	.....	95	60
26....	95	67	92	68	93	67	91	68	91	69	95	65	90	68	99	61	94	53	93	65	91	59	88	67	.....	.....	101	62
27....	90	64	91	70	91	58	91	69	91	66	86	61	85	61	100	66	94	58	93	68	91	67	88	69	.....	.....	102	63
28....	87	63	91	65	79	66	91	62	87	66	76	62	70	59	101	65	95	59	93	62	91	65	89	66	.....	.....	100	65
29....	89	62	92	69	85	69	90	66	80	63	84	63	79	62	100	72	96	60	86	66	92	62	87	67	.....	.....	101	65
30....	94	64	89	66	91	63	90	65	89	64	89	64	88	66	99	65	95	66	92	63	94	64	88	67	.....	.....	95	64
31....	96	68	95	67	96	55	92	67	91	68	95	65	88	68	93	68	92	64	89	66	91	67	87	69	.....	.....	89	66
Mns..	84.5	57.1	85.8	60.3	86.9	57.1	84.3	59.5	83.0	59.4	85.9	56.7	80.4	55.9	87.3	57.7	83.3	52.1	81.8	56.9	81.8	56.3	77.9	58.5	.....	.....	86.2	56.1

TABLE 3.—*Maximum and minimum temperatures at selected stations for May, 1911. District No. 7*—Continued.

Date.	Tennessee.				Arkansas.																		Mississippi.					
	Kenton.		Memphis.		Bentonville.		Corning.		Dardanelle.§§		Eldorado.§§		Fort Smith.		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....	68	50	66	49	56	39	74	47	65	44	69	55	62	42	62	46	67	50	66	49	65	54	66	61	72	65	72	63
2....	60	44	60	49	60	35	61	49	67	40	60	47	69	44	61	44	61	45	60	48	63	41	62	44	62	45	65	47
3....	68	41	66	46	66	41	66	40	68	42	74	44	68	47	66	46	70	47	70	45	67	40	70	46	70	42	75	45
4....	69	45	66	50	60	48	65	49	66	46	75	48	62	53	66	52	73	50	74	50	68	47	72	49	70	48	76	49
5....	72	42	69	49	68	41	69	38	72	43	73	53	70	52	69	50	72	49	71	54	71	40	73	48	70	46	76	52
6....	75	41	73	50	74	40	74	39	74	41	77	43	74	48	72	50	76	44	75	48	75	42	76	45	76	43	80	46
7....	79	44	75	55	78	51	78	42	81	42	81	46	81	52	79	51	80	47	80	52	81	44	82	47	80	44	82	48
8....	82	45	80	55	86	61	82	45	85	48	84	50	84	55	82	58	84	50	82	56	84	47	84	47	82	44	85	49
9....	86	57	81	63	82	57	85	56	87	49	83	51	85	58	82	58	84	56	82	60	85	54	86	53	86	50	86	52
10....	84	59	84	64	82	62	83	60	86	59	84	56	86	61	82	59	84	58	83	63	85	60	86	60	84	57	85	59
11....	84	62	79	65	70	57	80	67	79	65	82	60	79	65	75	65	80	62	69	63	84	61	85	63	84	58	87	61
12....	88	65	84	68	82	56	86	59	88	60	87	59	85	64	85	61	86	62	83	60	88	61	87	66	86	61	88	65
13....	88	62	86	68	87	62	89	60	88	60	88	63	90	68	87	66	90	66	85	62	91	62	89	62	92	60	90	63
14....	87	61	88	68	85	74	87	63	92	62	93	61	90	67	89	68	93	63	88	65	90	64	92	62	86	60	94	62
15....	88	59	88	65	88	62	88	55	91	62	90	65	90	67	87	68	90	62	90	67	89	57	89	60	87	60	92	62
16....	90	61	87	70	88	61	88	59	91	59	90	62	90	66	87	66	89	61	89	65	90	60	88	65	90	62	90	63
17....	91	64	90	71	87	65	90	62	93	64	91	65	89	68	90	71	91	65	89	69	91	64	91	65	92	62	94	67
18....	93	64	88	73	86	64	91	65	93	63	90	66	91	68	88	70	91	66	88	69	92	63	92	65	92	64	93	68
19....	89	69	87	74	85	67	88	69	90	70	87	66	87	65	83	69	86	69	84	69	90	70	89	68	88	68	90	69
20....	81	69	82	67	72	57	84	69	83	64	86	63	70	57	82	62	82	65	84	64	91	71	89	69	78	70	89	71
21....	84	66	75	64	72	52	74	63	77	60	78	61	74	57	77	60	78	61	77	57	77	64	78	62	82	60	80	61
22....	85	65	83	67	76	49	81	58	85	53	83	51	83	56	82	58	84	53	84	56	85	54	87	61	84	66	87	59
23....	89	60	87	67	85	50	87	62	90	57	90	55	91	60	88	63	90	55	89	59	90	50	92	54	90	56	91	56
24....	93	60	90	68	88	60	91	59	92	58	90	59	92	63	91	67	92	59	90	62	92	53	94	58	91	59	94	59
25....	95	63	92	71	88	58	92	60	93	59	93	60	92	65	92	67	94	62	93	66	95	60	95	61	96	62	95	62
26....	97	64	94	73	89	63	94	62	93	62	93	66	90	67	91	68	94	65	91	71	96	66	96	63	94	64	96	65
27....	96	66	95	73	89	68	95	66	93	62	92	67	92	67	93	71	94	68	91	71	95	67	97	67	97	64	98	69
28....	100	65	97	71	90	63	96	66	95	64	94	65	93	68	93	72	95	68	92	69	98	67	98	67	99	66	98	69
29....	99	67	93	72	89	62	95	65	94	63	97	66	92	68	94	69	97	68	93	67	95	67	98	67	100	65	98	68
30....	97	64	92	73	92	63	96	65	94	66	98	68	91	69	94	73	97	70	94	69	99	67	98	65	98	64	97	67
31....	94	69	90	74	88	66	92	69	89	64	96	68	92	68	91	69	95	68	92	70	94	68	95	69	96	68	96	70
Mns..	85.5	58.5	82.8	64.2	80.2	56.3	83.9	57.7	85.0	56.5	85.4	58.4	83.3	60.5	82.6	61.8	85.1	59.2	83.2	61.1	85.7	57.6	86.3	59.3	85.6	58.2	87.7	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.
1.....	76	64	79	65	75	58	76	65	79	67	82	69	78	62	84	60	76	60	79	65	75	62	84	69	70	54
2.....	68	44	58	52	65	50	65	53	70	62	76	58	66	59	64	57	71	52	72	61	62	52	76	61	60	51
3.....	73	47	67	55	73	51	75	50	68	59	67	57	65	55	70	51	79	50	63	57	64	44	67	57	74	47
4.....	74	48	77	53	74	54	80	52	77	61	83	55	77	58	78	55	86	52	78	60	69	45	81	59	76	54
5.....	72	50	75	55	72	55	75	49	78	61	81	55	76	56	79	55	80	56	75	61	75	50	80	55	73	57
6.....	77	45	78	44	76	53	80	50	80	58	82	50	78	52	79	52	86	50	74	60	80	41	81	52	77	52
7.....	81	45	82	48	80	60	80	52	83	59	84	52	80	53	82	50	88	53	77	61	82	46	81	54	80	53
8.....	83	47	84	49	80	57	85	50	80	61	84	49	82	53	85	52	88	54	81	63	85	47	85	56	82	57
9.....	84	49	83	53	80	62	85	52	83	64	85	53	82	54	82	52	85	68	82	64	85	49	85	52	82	61
10.....	85	53	76	53	81	58	84	52	84	63	84	54	82	56	82	55	88	58	82	64	86	54	87	54	84	62
11.....	84	56	85	60	83	61	85	57	85	67	85	56	84	59	85	60	88	68	82	65	89	59	88	60	79	63
12.....	85	61	84	65	82	68	85	63	83	70	88	60	83	67	84	64	85	65	86	66	87	61	90	65	84	61
13.....	93	58	80	61	87	67	90	61	89	68	94	60	87	60	84	60	92	64	89	69	89	61	92	58	86	66
14.....	91	62	92	63	91	68	90	61	92	72	97	62	92	61	91	62	95	64	89	72	92	60	95	63	91	66
15.....	88	61	89	64	88	67	90	67	87	71	91	64	89	67	90	65	98	66	83	70	90	58	88	62	90	68
16.....	88	65	89	65	88	69	90	65	86	.....	89	66	87	66	89	65	95	67	84	71	91	60	91	66	90	67
17.....	93	62	91	66	91	69	90	65	90	.....	89	64	90	65	90	64	92	69	84	69	91	61	90	64	89	68
18.....	89	64	89	66	84	68	90	65	91	.....	88	64	86	68	89	65	92	69	85	68	92	63	90	63	89	69
19.....	89	67	79	67	83	68	90	67	87	.....	88	66	85	68	86	65	91	67	85	69	88	64	87	65	85	68
20.....	82	71	84	67	84	62	90	69	89	68	91	67	86	69	89	66	87	69	87	70	92	67	88	66	89	63
21.....	84	60	81	61	78	62	78	60	80	63	84	63	83	63	85	55	90	63	84	66	80	61	92	66	79	60
22.....	86	65	71	63	85	67	90	55	85	65	87	65	87	64	92	52	90	58	86	69	89	50	90	64	74	59
23.....	90	58	90	58	87	63	92	56	90	68	91	66	90	63	95	55	90	59	87	70	91	51	93	67	90	61
24.....	92	57	96	65	92	70	93	60	91	67	93	68	93	68	95	63	91	62	89	72	92	55	92	66	90	64
25.....	94	61	94	63	94	71	94	65	91	69	93	67	92	68	93	67	94	65	91	74	93	59	93	67	92	67
26.....	96	64	93	65	94	71	94	67	90	68	94	65	92	67	91	65	92	68	90	73	94	64	94	67	90	71
27.....	97	65	94	67	92	72	93	67	92	69	94	65	88	69	91	66	93	71	89	72	92	63	95	65	90	71
28.....	100	69	95	63	95	72	94	64	94	69	96	66	91	66	93	64	94	68	92	73	94	60	95	64	93	67
28.....	98	68	98	68	94	71	95	65	94	67	99	69	95	69	97	62	96	70	94	74	94	62	97	65	95	69
30.....	99	66	99	62	97	74	97	69	95	69	95	67	96	69	100	68	97	72	92	72	99	63	95	68	97	72
31.....	96	67	99	67	94	74	97	70	94	70	98	69	96	70	100	65	97	72	96	76	98	65	97	69	94	72
Means..	86.7	58.7	84.9	60.4	84.5	64.3	86.8	60.1	85.7	65.7[d]	88.1	61.6	85.1	62.7	86.9	59.9	89.2	62.9	84.1	67.6	86.4	56.7	88.4	62.0	84.6	62.6

[a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.
§ Data are from standard instruments not supplied by the U. S. Weather Bureau.
§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.