CLIMATOLOGICAL DATA FOR JUNE, 1912.

DISTRICT No. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Moderate temperatures prevailed during the first 12 days, but from the 13th to 15th the weather was unseasonably warm, maximum readings being above 100° in parts of Oklahoma. From the 16th to 22d the weather was cool, and minimum temperatures were below 60° southward to central Louisiana. During the remainder of the month temperature conditions were moderate. Precipitation was well distributed, showers occurring in nearly all parts of the district every day, except that from the 1st to 12th the precipitation over the northern and western portions was scattered and light, and many stations received none. Weather conditions were generally favorable, and at the close of the month the water was receding in all districts which were overflowed as a result of crevasses in the levees of the Mississippi River and tributary streams.

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

States and portions of States lying within District No. 7.	Mean temperature.	Departure from normal.	Mean precipitation.	Departure from normal.	Greatest precipitation in 24 hours.	Mean snowfall.	Number of days— With 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
Colorado	59.1	−3.4	2.91	+1.11	2.20	8.8	10	13	10	7	w.
New Mexico	64.2	−5.5	2.76	+1.58	2.89	T.	8	11	13	6	sw.
Texas	73.1	−1.9	3.34	+0.24	4.30	0.0	6	17	7	6	s.
Kansas	69.9	−3.8	4.16	−0.60	6.96	0.0	9	15	9	6	se.
Oklahoma	73.7	−2.2	4.60	+0.76	3.90	T.*	7	18	8	4	s.
Missouri	69.3	−4.0	5.61	+0.82	3.84	0.0	9	14	10	6	s.
Tennessee	72.9	−3.2	3.81	−0.33	2.62	0.0	9	12	8	10	s.
Arkansas	73.1	−3.3	5.83	+1.82	4.97	0.0	9	11	12	7	sw.
Mississippi	75.0	−3.2	4.42	+0.48	2.60	0.0	12	10	8	11	se.
Louisiana	77.3	−2.4	5.67	+0.42	6.00	0.0	9	10	9	11	ne.

* At one station.

TEMPERATURE.

Mean temperatures were below the normal throughout the district, the departures ranging from −0.8° in Louisiana to −8.1° in the New Mexico area. The highest temperature recorded was 110°, at Henrietta, Tex., and the lowest was 17°, at Westcliffe, Colo.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—More than the normal amount of precipitation occurred over this drainage area, except that there was a general deficiency over central and eastern Kansas and the greater portion of eastern Oklahoma. In Colorado the average from 34 stations was 2.87 inches, about 1.2 inches above the normal. Over those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma, the average from 45 stations was 3.75 inches, about 0.7 inch below the normal. Over the headwaters of the Canadian River in New Mexico the average from 38 stations was 2.71 inches, about 1.3 inches above the normal, while in those portions of the Canadian Valley that lie in Texas and Oklahoma the average from 33 stations was 4.22 inches, about 0.9 inch above the normal. In the Cimarron Valley the average from 23 stations was 4.40 inches, about 1 inch above the normal. In the Verdigris Valley the average from 9 stations was 4.77 inches, about 0.7 inch above the normal. The amounts from 19 stations in the Neosho Valley averaged 5.21 inches, about 0.9 inch above the normal. Below the Oklahoma-Arkansas line the average from 15 stations in the Arkansas Valley was 5.39 inches, about 2.4 inches above the normal.

Red River and tributaries.—The precipitation was unevenly distributed over this drainage area. Over those portions of the Red River Valley that lie in New Mexico, Texas, and Oklahoma the average from 44 stations was 4.15 inches, about 0.7 inch above the normal. Below the Texas-Arkansas line the average from 21 stations was 4.13 inches, about 0.5 inch below the normal.

Mississippi River south of St. Louis and small tributaries.—The precipitation was unequally distributed over this drainage area, being above the normal in some localities and below in others. In the immediate Mississippi Valley the average from 40 stations was 4.78 inches, about 0.4 inch above the normal. The average from 23 stations in the valley of the White River was 5.91 inches, about 1.6 inches above the normal. Over the Yazoo Valley the average from 20 stations was 4.05 inches, about 0.2 inch above the normal. The average for the valley of the Big Black was 5.53 inches, about 1.6 inches above the normal. In the Ouachita Valley the average from 21 stations was 5 inches, about 0.6 inch above the normal.

Louisiana coastal plain.—More than the normal precipitation occurred over this area, except in scattered localities. The average from 33 stations was 7.21 inches, about 1.6 inches above the normal.

SNOWFALL.

Light to moderately heavy snow occurred in the elevated portions of the Colorado area, and a trace was recorded at three stations in the northern portion of the New Mexico area and at one station in extreme western Oklahoma. Elsewhere there was no snowfall.

RIVERS.

No high water occurred in the upper reaches of the Arkansas, but some of the smaller tributaries in Oklahoma and the lower Neosho River were at flood stages for short periods. In the lower reaches of the Arkansas

River the stages were low during the first half but were comparatively high during the last half of the month. Navigation was interfered with to some extent.

Low stages prevailed in the upper White River during the month, but moderately high stages prevailed in the lower reaches of the White River.

The flood in the Ouachita River subsided slowly from a stage of 41.9 feet on June 1 to 31 feet on June 30.

No floods occurred in the Red River, and low stages prevailed, except that there were slight rises toward the close of the month.

The flood in the lower Mississippi River continued to subside, except that there was a rise of 5.9 feet at Memphis, from the 16th to 19th; 6.6 feet at Helena, from the 21st to 25th; 7.5 feet at Arkansas City, from the 22d to 27th; 3.1 feet at Vicksburg, from the 25th to 29th; and at Natchez 1.4 feet, from the 27th to the close of the month. Below Natchez the decline was continuous throughout the month.

ELECTRIC STORMS IN WESTERN KANSAS.

By S. D. FLORA, Observer, Weather Bureau.

The dry, windy weather that prevailed in western Kansas from the last decade of April until the close of the first decade of June, 1912, was accompanied by an unusual number of very peculiar atmospheric disturbances which for want of a better name are commonly designated as electric storms. These are distinct from thunderstorms or the disturbances of the magnetic needle during auroral displays. They occur at irregular intervals in practically all parts of Kansas west of the 101st meridian, and in the northern counties have been experienced with diminished intensity as far east as Phillips County, at the 99th meridian.

During these disturbances metallic objects that are insulated from the earth become highly electrified. Steel windmills, especially if mounted on wooden towers, become highly charged, and the first indication of one of these storms is usually an electric shock experienced in taking hold of the wire hanging down from a windmill for the purpose of turning it off. Sometimes a shock received in this way is almost sufficient to knock a person over. Barbed-wire fences and stoves also become charged sufficiently to give a severe shock to anyone touching them, and it is not uncommon for a housewife to have to cover the handle of cooking utensils with cloths to avoid the discomfort of the electric discharges.

One instance has been reported where a stovepipe passed through an iron roof in a small house and the discharge of electric sparks between the pipe and roof was practically continuous and their constant snapping was almost as loud as the clicking of a telegraph instrument. Another observer reports that sparks passing from a cookstove to a copper-bottomed wash boiler sitting near made a noise as loud as a match that suddenly ignites when stepped upon.

The nighttime effects of a severe storm of this kind are startling in the extreme to an inexperienced person. Numerous instances are reported where herds of cattle have been seen with "balls of fire as large as marbles" on their horns, and in one instance a ranchman in northwestern Kansas had the unique experience one night of driving cattle with this continuous electrical display from their horns and similar "balls of fire" which he describes as large as "the cork of an ink bottle" at the end of each ear of the mule he was riding, and also at the end of his riding whip.

Another observer reports an instance where the barbs of a wire fence were all ablaze with electric discharges one night. A wire thus charged came loose in the high wind and described an arc over the grass, killing all the vegetation it touched. In another instance reported the iron horse used as a counterweight on a windmill was seen to be ablaze with the electric glow.

These accounts strongly suggest the St. Elmo's fire sometimes seen on masts of ships or in a mountainous country during a fall of soft snow, but the disturbances in western Kansas are never associated with precipitation, and the air during their occurrence is usually dry even for that portion of the State where the annual precipitation is generally less than 20 inches, and drying winds are of common occurrence.

They usually occur in late spring or early summer when high winds and dust storms are most frequent, and are seldom, if ever, experienced in the winter time. Sometimes several years elapse with no disturbances of this kind even in the northwestern counties, where they are most severe.

The high winds which accompany these storms are usually from a northwesterly direction, although occasionally they occur with winds from the northeast or southwest. As they occur only during dry weather the air is usually filled with dust, but high winds and dust storms often occur in this part of the State without any electrical phenomena being noticed.

They seem to occur in streaks varying from a few feet to several miles in width and usually do not last more than a few hours, though there have been instances where storms of this kind have extended over several days, the electrical phenomena disappearing as the wind diminished during the night and reappearing when it increased the next day.

Beyond a depressing effect, with a tendency to headache, and the discomfort of the electric discharges when metallic objects are touched, these storms seem to have no effect on persons, but after the occurrence of a severe storm of this kind crops often show effects similar to those of a killing frost. The leaves of trees and other foliage roll up and drop off and in many instances fields of corn and wheat are killed entirely. At Goodland, Kans., the leaves of the trees were destroyed twice in one spring by these storms, a sufficient time having elapsed between the first and second storm for a new set of leaves to grow.

Whether these disastrous effects to crops are due to the electrical condition of the air or to the dry winds that always blow during electric storms is an unsettled question. Many settlers in western Kansas who have had from 20 to 30 years' experience, and hence ample opportunity to compare the effect of these storms and drying winds when there were no electrical phenomena, are firmly of the opinion that the damage to crops is caused by the excessive accumulation and discharge of electricity.

The data collected thus far are of such general nature as to leave in doubt not only this point but the probable cause of these phenomena.

In western Kansas it is commonly believed that the electrical disturbance is due to the friction of the dust particles in the air from the high wind blowing, but as pointed out by Prof. Cleveland Abbe in the Monthly Weather Review of May, 1898, there may be other and more plausible explanations.

Whether there is a similarity between the cause of these storms and the discharge of electricity known as St. Elmo's fire and to what extent these disturbances occur in other Western States are interesting questions that will require future investigation.

TABLE 1.—*Climatological data for June, 1912. District No. 7, Lower Mississippi Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Colorado.																				
Buena Vista	Chaffee	7,955	12	50.8	− 5.0	80	5	27	1	40	2.40	+ 2.12	1.10	12.0	7	14	0	16	nw.	C. A. Short.
Calhan	El Paso	6,700	5																	H. B. Rice.
Canon City	Fremont	5,343	24	65.1	− 4.0	94	3	35	17	43	2.59	+ 1.69	1.06	T.	8	20	6	4	n.	U. S. Weather Bureau.
Colorado Springs	El Paso	6,098	32	58.0	− 4.5	80	3†	32	17†	35	2.96	+ 1.12	1.41	T.	10	11	11	8	n.	Colorado College.
Cripple Creek	Teller	9,396	11								3.33	+ 1.56	1.13	6.0	11					F. G. Willis.
Cuchara Camps	Huerfano	8,200	3								3.47		1.41	6.5	8	11	13	6	sw.	George A. Mayes.
Eads	Kiowa	4,209	5	69.8		95	5	40	16†	37	1.00		0.50	0	3	18	9	3	se.	Mrs. Mattie A. Kerr.
Fairview	Custer	9,500	3								2.20		1.70	23.0	5	15	12	3	e.	Elizabeth L. Grey.
Fremont Experiment Station.	El Paso	5,850	2	49.2		70	3	25	18	32	4.26		0.95	16.5	16	10	13	7	se.	U. S. Forest Service.
Garfield	Chaffee	9,510	2								3.69		1.45	13.0	16	12	11	7	w.	Lloyd N. Felton.
Hamps	Elbert	5,400	19	59.2	− 3.5	83	29	36	18	37	2.30	+ 0.52	1.43	0	7	21	3	6	se.	W. Hamp.
Hermit Lake	Custer	[10]10,000	2								4.11		2.20	24.0	13	8	12	10	sw.	John E. Graham.
Hoehne (near)	Las Animas	5,700	20	63.4	− 3.3	89	5	35	22	52	3.21	+ 2.09	1.65	0	8	23	4	3	w.	S. W. DeBusk.
Holly	Prowers	3,380	17	69.0	− 2.9	99	5	38	1	42	2.56	+ 0.40	1.48	0	9	13	6	11	se.	Holly Sugar Co.
La Junta	Otero	4,052																		Fred B. Mason.
Lake Moraine	El Paso	[10]10,265	18	46.4	− 3.4	70	3†	18	18	34	3.65	+ 1.35	1.68	19.0	14	3	14	13	sw.	Clyde C. McReynolds.
Lamar	Prowers	3,592	22	69.9	− 3.5	99	5	40	1	46	2.22	− 0.29	1.35	0	5	21	4	5	e.	J. T. Lawless.
Las Animas	Bent	3,899	44																	F. M. Tague.
La Veta Pass	Costilla	9,000	2																	Clara M. Wright.
Leadville	Lake	[10]10,248	16	47.0	− 2.7	70	26	20	18	35	2.11	+ 1.25	0.72	8.5	13	8	14	8	w.	U. S. Weather Bureau.
Limon (near)	Elbert	5,360	5	59.4		86	29	30	1	45	3.67		1.80	0	12	18	4	8	s.	F. L. Palmer.
Madrid	Las Animas		2								2.98		1.32	0	14					Thos. Sawers.
Manitou	El Paso																			John Faucher.
Marshall Pass	Saguache	[10]10,846	9								3.32		0.72	8.0	11	13	5	12		W. L. Williams.
Monument	El Paso	7,200	1	54.6		80	5	28	18	41	2.48		1.28	2.0	9	15	8	7	sw.	U. S. Forest Service.
North Lake	Las Animas	8,700	20								2.94	+ 1.28	0.81	4.0	13	13	9	8	nw.	James W. Ingmire.
Oro	Lake																			Frank A. Aicher.
Pueblo	Pueblo	4,734	24	65.0	− 4.0	91	5	37	18	38	2.24	+ 0.77	1.65	0	10	13	12	5	se.	U. S. Weather Bureau.
Rocky Ford (near)	Otero	4,177	23	66.5	− 3.8	94	5	36	1	44	1.57	+ 0.32	1.50	0	2	22	5	3	e.	P. K. Blinn.
St. Elmo	Chaffee	9,500	3								1.77		0.60	10.0	11	12	8	10	w.	Daniel Clark.
Salida	do	7,035	13	56.6	− 3.7	84	5	31	1	49	2.79	+ 1.89	0.76	3.0	9	22	4	4	w.	M. D. L. Buell.
Santa Clara	Huerfano	8,252	17	55.5	− 3.8	80	3	26	18	37	4.43	+ 1.66	2.00	5.0	13	7	18	5		Lincoln G. Morris.
Sheridan Lake	Kiowa	4,065	10																	Howard Gamble.
Stonewall	Las Animas	8,000	6								5.65		1.10	T.	13	6	8	16		G. A. Storz.
Trinidad	do	5,994	16	63.2		88	5	34	17	40	2.95	+ 0.70	1.44	T.	11	9	8	13		Walter Dearden.
Two Buttes	Baca	4,100	1	68.2		96	2	41	18	30	2.98		1.61	0	7	8	20	2	se.	N. G. Jones.
Victor	Teller	[10]10,100	8	50.2[c]		72	2†	24†	18	34†	2.69		0.92	6.0	6	17	10	3	w.	Fred Jones.
Vilas	Baca	3,935	21								2.65	+ 0.62	2.00	0	3	20	9	1	sw.	Carrie Konkel.
Wayne	El Paso		1																	J. C. Groff.
Westcliffe	Custer	7,864	18	54.8	− 0.1	84	3	17	18	52	1.54	+ 0.12	0.85	5.0	6	9	13	8	sw.	Zack Jordan.
Winfield	Chaffee	9,765	2								3.31		1.10	15.0	17	5	18	7	sw.	John G. Payne.
Woodman Sanatorium	El Paso		1	58.3		83	5	31	18	35	1.44		0.35	1.9	12	19	7	4	n.	Dr. J. E. White.
Wortman	Lake	[1]1,250	11								2.85	+ 1.38	1.35	24.0	11	0	26	4	nw.	Geo. C. Wortman.
New Mexico.																				
Abbott	More	5,771	3								4.39		2.00	0	8	13	11	6	s.	Agent E. P. & S. W. R. R.
Albert	Union	4,700	22	65.2	− 8.1	92	30	41	19		3.53	+ 1.62	0.98	0	7				w.	Andrew Knell.
Aurora	Colfax	8,849	3								3.72		0.95	0	10	1	25	4	nw.	Miss J. Lucero.
Bell Ranch	San Miguel	4,500	13	70.4		97	3†	43	19	49	1.85	+ 0.03	0.68	0	5	11	13	6	se.	C. M. O'Donel.
Black Lake	Colfax	8,348	3								2.41		0.54	0	10	2	22	6	e.	Ralph T. Martinez.
Cabeza	San Miguel	5,406	3			95	4				1.86		0.75	0	5	12	11	7	sw.	Agent E. P. & S. W. R. R.
Campana	do	4,493	3								1.46		0.55	0	6	23	1	6	sw.	Do.
Chacon	Mora	9,000	3								2.50		0.50	0	10	5	25	0	w.	Alfred Lucero.
Cimarron (near)	Colfax	6,385	8	60.6		87	3	33	18	41	2.66		0.60	0	15	7	12	11	s.	William French.
Clayton	Union	5,178	7																	Dr. W. W. Chilton.
Clovis	Curry	4,129	1	75.1		98	29	42	17	45	1.07		0.50	0	6	19	4	7	ne.	John H. Barry.
Cuervo	Guadalupe	4,849	3	68.7		98	3	39	16	48	0.70		0.30	0	3	18	0	12	sw.	Agent E. P. & S. W. R. R.
Dawson	Colfax	6,396	3	62.9		94	3	36	1†	48	3.22		1.10	0	10	6	16	8	sw.	Do.
Elizabethtown	do	8,465	7	50.9		80	3	22	2	52	1.62		0.57	0	6	6	21	3	w.	Miss M. Carrington.
Folsom	Union	6,399	12	60.8	− 3.3	88	5	35	1†	40	4.70	+ 2.79	2.00	T.	9	9	16	5	sw.	David Rope.
Fort Union	Mora	6,835	52	57.9	− 7.4	83	3	31	18	40	4.40	+ 2.12	1.20	0	12	13	16	1	w.	M. C. Needham.
Hayden	Union	4,444	2	66.8		94	5	39	18	39	1.85		0.49	0	10	10	15	5	sw.	James B. Dickson.
Hoosier Ranch	Mora		1								2.98		1.31	0	8	14	13	3	sw.	W. H. Guthman.
Johnsons Park	Colfax	6,722	3								3.46		1.67	0	7	10	16	4	sw.	A. J. Meloche, jr.
Kappus	Quay	4,010	1								1.96		0.75	0	6					Anthony Kappus.
Lake Alice	Colfax	7,160	3																	John Bell.
Logan	Quay	3,851	6	70.8[c]		98[c]	3	42[c]	1	45[c]	1.80		0.71	0	5	20	9	1	ne.	John B. Reneau.
Lykins (near)	Roosevelt	5,000	2								3.17		1.28	0	6	16	12	2	sw.	J. G. Buchanan.
Maxwell (near)	Colfax	5,894	5								1.58		1.10	0	6					Dan N. Jackson.
Melrose	Curry	4,400	4								1.84		0.83	0	6					Dr. B. M. Porter.
Miami Ranch	Colfax	6,000	4	61.8		87	3	32	18	42	3.12		1.48	0	11	6	24	0	sw.	Farmers' Development Co.
Mills (near)	Mora	5,985	1								3.21		1.30	0	9	9	4	17	se.	J. E. La Rue
Montoya	Quay	4,335	3								2.10		0.85	0	4	17	4	9	w.	Agent E. P. & S. W. R. R.
Mount Dora (near)	Union	5,600	1	64.1[r]		89[r]	3	40[r]	1	50[r]	3.32		1.60	0	4	15	12	3	sw.	Edward F. Grygla.
Nara Visa	Quay	4,225	6																	Geo. M. Rymal.
Palo Verde	Mora	5,880	1								2.65		1.56	0	7	3	25	2	sw.	G. R. Abernathy.
Pasamonte	Union		3								2.24		1.50	0	3	17	10	3	sw.	J. J. Heringa.
Pleasant View	Mora		1								2.62		1.08	0	7	13	14	3		R. W. Boulware.
Portales	Roosevelt	4,004	2	71.4		98	3	44	19	42	1.76		0.90	0	9	8	14	8	se.	Portales Irrigation Co.
Raton	Colfax	6,660	14	60.6	− 4.5	92	4	33	18	45	3.87	+ 1.98	1.65	T.	11	16	7	7	w.	Wiseman & Humphrey.
Rociada	San Miguel	8,200	8	57.0		84	4	30	2	51	2.74			0	12	5	21	4	w.	J. E. Dailey.
Rosebud	Union	4,500	1								2.16		0.68	0	6					H. A. Nachtrieb.
Roy	Mora	5,884	3								4.13		2.15	0	6	6	16	8	sw.	Agent E. P. & S. W. R. R.
Roy (near)	do	5,880	1								3.11		0.93	0	9	9	15	6	sw.	Baum Brothers.
San Jon	Quay	4,200	5	68.4		98	13	41	18†	53	1.53		0.83	0	5	18	3	9	ne.	Jesse T. White.
Solano	Mora	5,622	3	63.7		90	2†	36	18	51	2.92		0.96	0	10	16	4	10	sw.	F. M. Hughes.
Springer	Colfax	5,857	20	63.6	− 4.0	93	2	35	18	52	2.29	+ 0.91	1.50	0	7	18	12	0	w.	Agent A. T. & S. F. R. R.
Taylor	do	5,661	3	63.8		100	3	32	18	58	2.24		1.05	0	7	10	16	4	w.	Agent E. P. & S. W. R. R.
Trementina	San Miguel	5,000	4																	Miss Alice Blake.
Tucumcari	Quay	4,194	7	71.4		98	5	44	1	39	1.57		0.99	0	6	18	10	2	sw.	John F. Seaman.
Valley	Union	5,000	7	66.5		90	3	41	17†	38	4.36		2.50	0	6	12	16	2	s.	Miss M. L. Payne.
Vance (near)	do		1								4.05		1.78	0	11	14	10	6	sw.	C. E. Anderson.
Vermejo Park	Colfax	7,600	7	57.0		85	3	28	18	46	3.35		0.98	T.	9	4	15	11	se.	H. W. Adams.
Wagon Mound (near)	Mora	6,300	3	60.4		88	3†	32	1†	47	5.07		2.89	0	13	7	13	10	se.	Guy L. Barnes.

TABLE 1.—*Climatological data for June, 1912. District No. 7*—Continued.

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.		
Texas.																				
Amarillo	Potter	3,676	20	70.4	− 1.6	95	30	41	18	39	1.90	− 1.09	1.25	0	12	18	11	1	sw.	U. S. Weather Bureau.
Archer City	Archer		1								4.10		2.72	0	3	24	3	3	se.	Charles H. Thuman.
Arthur City	Lamar	590	20								5.50	+ 0.79	2.25	0	4	28	0	2		V. V. Bright.
Bonham	Fannin	566	9	77.5		102	13	58	18	30	3.95		1.17	0	7	14	13	3	n.	H. M. Norman.
Canadian	Hemphill	2,339	5																	Canadian Academy.
Childress	Childress	1,869	19								3.51	+ 0.73	2.10	0	4	24	0	6	se.	George Baker.
Chillicothe	Hardeman	1,406	4								4.92		3.36	0	6					A. B. Connor.
Clarendon	Donley	2,719	7	73.4		101	15	46	2†	47	1.70		0.55	0	8	19	4	7	se.	Whitfield Carhart.
Clarksville	Red River	442	12	78.8	− 1.0	99	15†	56	19	36†	4.17	− 0.91	1.42	0	6	15[e]	6[e]	4[e]		J. W. O'Neill.
Claude	Armstroug	3,397	7								2.50		1.85	0	3					Ft. W. & D. C. Ry.
Dalhart	Dallam	3,998	7	68.0		96	29	41	18	41	3.36		1.32	0	11	10	10	10	s.	W. D. Griggs.
Denison	Grayson		12								5.33	+ 1.62	4.30	0	6	18	5	7	n.	E. B. Wilson.
Finley	Bowie		2								2.30		1.10	0	4	24	4	2	s.	Robert L. Smith.
Henrietta	Clay	915	20	77.1	− 2.6	110	14†	54	19†	38	4.48	+ 0.96	2.35	0	4	17	0	13	s.	C. K. Brown.
Hereford	Deaf Smith	3,750	7																	A. C. Elliott.
Memphis	Hall	2,067	7	70.5		104	15	40	18†	50	0.62		0.37	0	2	22	0	8		Ft. W. & D. C. Ry.
Miami	Roberts	2,743	6	72.5		99	6	46	19	49	3.92		1.87	0	10	19	6	5	s.	J. E. Kinney.
Mobeetie	Wheeler		18																	Dr. W. J. Joss.
Ochiltree	Ochiltree		4								3.89		1.90	0	7					S. J. Allen.
Panhandle	Carson	3,450	3																	J. Sid O'Keefe.
Paris	Lamar	592	23	75.6	− 3.1	96	13	54	19	30	3.94	+ 0.47	2.00	0	6	14	9	7	e.	Robert A. Miller.
Plemons	Hutchinson		5	68.6		96	3†	42	18	47	3.95		1.15	0	11	16	7	7	se.	C. S. Solomon.
Quanah	Hardeman	1,563	10	76.5		106	15	52	18	38	4.85	+ 0.90	2.00	0	6	16	7	7	s.	William H. Crawford.
Ringo Crossing	Hopkins		2								2.50		1.41	0	2	14	5	11	sw.	H. J. Palmer.
Romero	Hartley		2	69.2		98	3	38	18	44	1.81		0.45	0	10	11	12	7	s.	R. S. Chamberlain.
Sherman	Grayson	745	19	78.4	− 0.6	98	14	57	19	27	3.38	− 0.41	2.49	0	4	20	2	8	ne.	R. A. Gibbs.
Stratford	Sherman	3,699		69.0		97	3	40	18	43	2.75		0.95	0	8	14	12	4	s.	J. W. Elliott.
Texline	Dallam	4,694	7								2.75		1.75	0	2					Ft. W. & D. C. Ry.
Tulia	Swisher	3,501	14	71.6	− 2.5	98	30	42	19	45	1.03	− 1.65	0.61	0	6	9	19	2	se.	Lou Mulhall.
Wellington	Collingsworth										3.55		1.45	0	4					J. D. Camp.
Wichita Falls	Wichita	958	20								5.04	+ 1.26	3.33	0	6	25	4	1	s.	E. F. Mittmann.
Winfield	Titus		2								1.87		0.69	0	6	5	25	0	se.	J. B. Newberry.
Kansas.																				
Alden	Rice	1,684	2								4.22		1.89	0	6	19	0	11	se.	L. B. Wait.
Anthony	Harper	1,329	15	72.0		96	29	47	19	41	1.79	− 2.57	1.10	0	7	11	15	4	se.	R H. Beebe.
Ashland	Clark	1,951	24	70.6	− 4.6	99	3	47	2†	47	5.32	+ 1.72	1.16	0	14	17	7	6	se.	C. W. Carson.
Burlington	Coffey	1,010	19	70.0	− 3.3	94	27	48	1	34	4.32	− 2.14	1.32	0	6	2	25	3	s.	O. E. Sanford.
Chanute	Neosho	940	8	71.0		92	27	49	19	39	5.85		3.01	0	6	5	21	4	se.	C. W. Brown.
Cimarron	Gray	2,700		68.7		100	5	42	18	39	6.84		2.00	0	10	16	5	9	s.	C. C. Isely.
Coffeyville	Montgomery	747		73.6		94	5†	52	7†	34	6.53		4.64	0	8	18	5	7	s.	A. F. Briggs.
Coldwater	Comanche	2,090	15	70.8	− 3.8	95	3†	47	1†	36	4.06	+ 0.31	1.13	0	8	19	4	7	se.	J. L. Stanley.
Columbus	Cherokee	898	22	70.6	− 3.5	90	5†	48	19	29	8.28	+ 2.02	6.96	0	9	17	8	5	s.	O. E. Skinner.
Coolidge	Hamilton	3,348	15	68.4	− 3.7	95	29	38	1	46	3.09	+ 0.62	1.55	0	4	14	11	5	se.	W. R. Padley.
Cottonwood Falls	Chase	1,234	8	69.8		94	27†	45	19	38	3.17		0.78	0	13	16	8	6	s.	E. B. Greene.
Council Grove	Morris	1,234	3	68.8		91	3†	46	19	33	3.65		1.15	0	8	14	9	7	s.	J. P. Blackledge.
Cunningham	Kingman	1,680	28	70.7	− 4.0	97	5	45	2	44	2.73	− 1.27	1.10	0	8	14	12	4	se.	W. H. Morton.
Dodge City	Ford	2,513	38	68.1	− 5.0	96	5	45	18	32	8.55	+ 5.23	3.33	0	13	14	7	9	se.	U. S. Weather Bureau.
El Dorado	Butler	1,291	10	70.0		90	5	48	19	32	2.68		1.55	0	10	18	8	4	s.	W. Y. Miller.
Ellinwood	Barton	1,790	37	69.6	− 3.3	98	5	46	19	40	4.33	− 0.10	1.90	0	11	10	15	5	se.	Martin Musil.
Emporia	Lyons	1,138	31	69.4	− 4.6	94	3	49	18†	34	3.05	− 2.04	0.65	0	8	16	9	5	s.	W. H. Boyles.
Eureka	Greenwood	1,079	16	68.8		92	5	44	19	37	5.13	− 0.17	1.45	0	7	17	11	2	s.	Mrs. T. C. Peffer.
Fall River	do	925	16	68.6	− 4.5	91	5†	46	19	35				0		13[h]	6[h]	3[h]	s.	J. McDaniel.
Fargo	Seward		2								5.33		2.20	0	10	17	12	1	se.	N. B. Swink.
Fredonia	Wilson	975	9	70.4		91	27	51	17	29	3.95		2.04	0	7	16	6	8	se.	B. W. Holmes.
Garden City	Finney	2,836	23	68.1	− 5.1	100	5	41	1	44	4.16	+ 0.65	1.55	0	9	11	14	5	se.	B. F. Stocks.
Great Bend	Barton	1,850	3								3.94		1.56	0	9	18	4	8	sw.	I. Pritchard.
Greensburg	Kiowa	2,235	5	69.4		95	5	42	18	35	3.94		0.97	0	9	19	4	7	se.	C. C. Raymond.
Grenola	Elk	1,116	24	70.2	− 3.5	93	14	47	19	33	2.78	− 2.31	1.50	0	8	10	14	6	se.	W. H. Lawyer.
Hess	Gray		6	66.8		92	3	43	1†	42	6.62		2.15	0	11	18[b]	2[b]	8[b]	se.	Harry Jacques.
Howard	Elk	1,112	5	69.2		91	5	49	2†	48	4.78		2.25	0	7	22	3	5	e.	J. W. Eby.
Hugoton	Stevens		8	68.9		99	3	41	18	48	4.28		2.25	0	6	16	9	5	s.	F. A. McCoy.
Hutchinson	Reno	1,535	22	69.8	− 3.6	96	3	47	20	38	2.95	− 1.94	1.08	0	9	16	8	6	se.	E. S. Webster.
Independence	Montgomery	800	38	71.0	− 4.6	90	15†	51	2†	31	5.04	− 0.20	1.93	0	9	15	6	9	s.	F. L. Kenoyer.
Iola	Allen	984	6	69.6	− 3.8	90	27	50	19	34	5.98	+ 1.25	4.04	0	12	12	13	5	ne.	U. S. Weather Bureau.
Irene	Hamilton	3,440	2	69.2		99	5	40	18	45	2.76		1.70	0	8	8	11	11	se.	N. M. Herbig.
Jetmore	Hodgeman	2,268	11	68.6		101	5	44	18	39	5.23	+ 1.96	2.42	0	9	11	14	5	sw.	James Aiken.
Kingman	Kingman	1,504	4	71.6		95	3†	47	19†	37	3.02		0.94	0	9	14	15	1	ne.	B. B. Anawalt.
La Crosse	Rush	2,061	10	69.4		101	5	44	19	43	4.35	+ 0.54	1.46	0	10	16	7	7	se.	Rodney Torrey.
Lakin	Kearney	2,993	22	66.1	− 5.8	101	5	39	1†	50	2.65	+ 0.09	0.65	0	9	16	12	2	se.	C. H. Longstreth.
Larned	Pawnee	2,090	27	69.8		95	5	46	18†	36	5.05	+ 1.01	1.25	0	12	18	3	9		H. H. Wolcott.
Lebo	Coffey	1,138	26	69.6	− 4.0	93	3†	49	17	37	3.42	− 2.40	1.25	0	10	14	11	5	s.	J. J. Bowman.
Le Roy	do	990	3								3.23		0.70	0	11	12	4	14	s.	F. W. Schmitt.
Liberal	Seward	2,843	5	70.5		99	3	45	1	40	3.86		1.35	0	9	19	5	6	se.	Dr. R. T. Nichols.
Macksville	Stafford	2,032	23	68.8	− 3.7	97	5	46	18†	44	3.38	− 0.70	0.91	0	13	14	9	7	se.	Mrs. Nella Poling.
McPherson	McPherson	1,495	23	69.6	− 3.9	96	3†	48	19†	38	4.10	− 1.71	1.32	0	9	16	7	7	sw.	Ewd. F. Haberlein.
Madison	Greenwood	1,074	11	67.9	− 5.1	92	5†	43	3†	48	4.68	− 0.98	1.33	0	11	8	17	5	se.	C. A. David.
Marion	Marion	1,310	19	70.8	− 2.8	95	28	47	19†	38	3.04	− 2.39	0.88	0	13	14	14	2	n.	Jerry Forney.
Medicine Lodge	Barber	1,259	19	71.6	− 3.9	98	3	45	19	45	3.01	− 1.04	0.65	0	10	16	11	3	s.	S. P. Garrison.
Medora	Reno	1,484	3								2.63		0.90	0	8	14	4	12	s.	M. L. Rickenbrode.
Minneola	Clark	2,558									5.89		2.48	0	9	14[a]	10[a]	5[a]	se.	A. P. Reece.
Mount Hope	Sedgwick	1,410	15								1.91	− 3.36	0.95	0	6	16[a]	10[a]	3[a]	s.	H. N. Renfrew.
Neosho Rapids	Lyon	1,092	7								4.08		1.64	0	9	20	2	8	se.	W. H. McMullin.
Ness City	Ness	2,260	19																	J. K. Barnd.
Newton	Harvey	1,454	15	70.8	− 3.4	96	28	46	20	39	1.91	− 3.11	0.56	0	7	15	10	5	se.	H. A. Brush.
Norwich	Kingman	1,496	16	72.9	− 1.3	95	29	50	17†	36	3.28	− 1.02	1.26	0	9	18	12	2	se.	N. I. Farris.
Oswego	Labette	899	18	71.0	− 4.2	90	14	48	19	31	9.65	+ 4.01	6.30	0	9	12	12	6	ne.	Jas. M. Currigan.
Plains	Meade	2,766	2	69.0		96	5	43	18	39	7.63		1.90	0	9	13[a]	13[a]	3[a]		E. J. Henning.
Pratt	Pratt	1,950	17	71.6	− 2.8	98	3†	47	19	49	2.43	− 0.88	0.60	0	9	14[b]	11[b]	3[b]	n.	T. J. Arnold.
Richfield	Morton		1	68.2	− 5.2	96	5	36	18	40	2.12	− 0.32	1.09	0	7					M. J. Allen.
Rome	Sumner	1,218	26	71.5	− 2.8	93	29	46	20	40	2.49	− 1.89	0.72	0	11	19	5	6	se.	D. M. Adams.
Sedan	Chautauqua	834	27	70.8	− 4.1	92	14	48	20	39	4.21	− 0.93	2.32	0	10	16	8	6	s.	A. Y. Buckles.
Toronto	Woodson	1,040	15	70.1	− 3.5	93	29	48	19	37	5.73	+ 0.39	1.67	0	6	20	4	6	s.	M. A. Webb.
Ulysses	Grant	3,027	21	70.4	− 2.8	99	5†	41	1	46	2.11	− 0.97	1.25	0	6	13	11	6	se.	T. W. Marshall.

TABLE 1.—*Climatological data for June, 1912. 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.
***Kansas*—Continued.**																				
Walnut	Crawford	940	10	70.0	− 3.3	90	5	50	1†	29	7.98	+ 1.96	3.43	0	8	20	4	6	ne.	R. C. Harlan.
Wellington	Sumner	1,225	16	71.4	− 2.9	92	5†	45	20	39	3.81	− 0.92	1.35	0	10	19	4	7	s.	E. O. G. Kelley.
Wichita	Sedgwick	1,377	25	70.8	− 3.5	91	28	49	17	30	3.27	− 1.48	1.67	0	10	14	11	5	s.	U. S. Weather Bureau.
Winfield	Cowley	1,124	18	71.4	− 3.1	92	5	50	20	32	2.21	− 3.57	0.92	0	6	21	5	4	.....	M. B. Light.
Yates Center	Woodson	1,068	33	68.6	− 4.5	96	5	47	2†	40	2.90	− 2.35	1.14	0	11	10[b]	14[b]	4[b]	s.	J. W. Tipton.
Oklahoma.																				
Ada	Pontotoc	1,001	4	74.4	.....	99	14	51	19	34	6.47	.....	3.00	0	7	20	8	2	s.	W. S. Creveling.
Alva	Woods	1,350	7	72.1	.....	97	3†	48	19	39	2.82	.....	0.94	0	8	16	9	5	s.	S. A. Stech.
Apache	Caddo	1,255	2	74.4	.....	106	15	46	2	44	4.68	.....	2.22	0	7	22	6	2	se.	G. D. Teeter.
Arapaho	Custer	1,575	18	73.7	− 2.7	99	15†	48	19	46	5.44	+ 1.39	2.34	0	8	23	3	4	s.	J. C. Brower.
Ardmore	Carter	872	10	77.2	− 0.3	106	14	52	19	36	5.35	+ 1.78	2.60	0	5	21	3	6	s.	H. T. Nisbett.
Arnett	Ellis	2,136	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. H. Holmes.
Bartlesville	Washington	687	4	72.9	.....	93	5†	52	2†	36	5.60	.....	1.68	0	9	19	4	7	nw.	Dr. A. P. Owens.
Beaver	Beaver	2,500	15	71.4	− 3.9	100	3†	45	18	41	5.05	+ 1.86	2.10	0	9	20	7	3	s.	W. C. Frazer.
Blackburn	Pawnee	800	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	M. M. Rhodes.
Cache	Comanche	1,350	6	71.4	.....	101	15	44	2	41	6.41	.....	3.00	0	5	22	7	1	se.	Mrs. Frank Rush.
Calvin	Hughes	713	7	.....	.....	.....	.....	.....	.....	.....	7.29	.....	3.65	0	8	21	0	9	s.	Thomas Purcell.
Chandler	Lincoln	863	10	73.6	− 2.9	98	14†	50	2†	32	4.96	+ 0.98	1.18	0	6	21	1	8	s.	Chas. L. Kern.
Chattanooga	Comanche	1,150	6	73.6	.....	101	15	50	19	35	6.61	.....	3.24	0	5	16	11	3	se.	Squire Humble.
Chickasha	Grady	1,091	10	76.0	− 2.0	106	15	48	2	43	4.50	+ 0.95	2.45	0	4	28	1	1	n.	J. C. Good.
Cloud Chief	Washita	1,400	10	75.7	− 0.9	106	15	49	2	43	4.63	+ 1.17	2.25	0	7	18	11	1	se.	J. P. Stutzman.
Crawford	Roger Mills	.....	.....	.....	.....	96	3†	.....	.....	.....	4.20	.....	1.90	0	6	22	0	8	s.	W. O. Horr.
Durant	Bryan	643	10	75.3	− 2.1	100	13	53	19	35	6.11	+ 2.12	3.40	0	5	22	4	4	s.	Nelson Houk.
Eldorado	Jackson	1,456	5	76.0	.....	104	15	51	19	39	3.95	.....	2.89	0	5	18	11	1	se.	T. W. Lanham.
Elk City	Beckham	.....	.....	73.6	.....	100	15	45	17	45	6.04	.....	3.00	0	9	15	12	3	s.	R. J. Carlile.
El Reno	Canadian	1,400	20	76.0	− 1.5	105	....	51	....	40	3.78	+ 0.34	2.40	0	5	16	5	5	s.	Rose E. Walker.
Enid	Garfield	1,269	10	73.6	− 2.2	96	5	50	19	38	4.65	+ 1.51	0.94	0	9	22	6	2	s.	Uri B. Worcester.
Erick	Beckham	2,058	7	71.2	.....	99	....	40	....	45[a]	4.54	.....	3.48	0	7	16	12	2	s.	A. W. Hanes.
Eufaula	McIntosh	566	....	73.7	.....	97	....	49	....	35[a]	5.57	.....	3.00	0	6	9	16	5	e.	R. Uhl Brown.
Fairland	Ottawa	839	12	72.0	− 2.5	92	4	49	19	33	6.48	+ 0.17	2.11	0	11	10	17	3	s.	C. W. Prier.
Fort Gibson	Muskogee	556	7	.....	.....	.....	.....	.....	.....	.....	4.43	.....	1.18	0	9	17	3	10	e.	John T. Welsh.
Frederick	Tillman	1,293	5	76.2	.....	106	15	50	2†	40	3.94	.....	2.06	0	8	17	11	2	se.	B. B. Bradley.
Geary	Blaine	1,546	....	73.6	.....	101	15	50	18	37	3.21	.....	1.38	0	9	17	6	7	s.	O. P. Ruth.
Goodwell	Texas	3,300	1	70.0	.....	96	3	42	1†	40	3.01	.....	1.27	0	8	14	6	10	s.	S. W. Black.
Guthrie	Logan	1,000	19	74.8	− 2.5	105	15	48	2	40	6.00	+ 2.85	3.20	0	5	25	3	2	s.	S. E. Snyder.
Guymon	Texas	3,133	2	.....	.....	.....	.....	.....	.....	.....	4.00	.....	1.35	0	7	15	12	3	se.	A. L. Mordt.
Hartshorne	Pittsburg	700	13	74.8	− 3.2	95	16	50	19	30	6.15	+ 1.18	3.20	0	6	23	3	4	s.	Frank Webber.
Healdton	Carter	900	18	74.2	− 3.5	104	14	48	19	40	4.27	+ 0.95	2.35	0	4	18	11	1	ne.	C. H. Heald.
Helena	Alfalfa	1,396	4	73.9	.....	94	5	50	17†	31	3.20	.....	0.90	0	10	21	7	2	s.	R. E. Ellis.
Hennessey	Kingfisher	1,166	17	74.1	− 1.9	96	....	52	....	42[b]	4.03	+ 0.27	2.32	0	7	9	18	1	s.	Mrs. M. C. Parks.
Hobart	Kiowa	1,396	9	74.1	.....	101	15	51	2†	39	6.01	.....	2.62	0	9	14	15	1	se.	Rev. J. E. Black.
Holdenville	Hughes	900	11	74.0	− 1.5	96	15†	51	19	29	4.44	+ 0.08	1.85	0	6	24	5	1	s.	Eula L. Rutherford.
Hooker	Texas	3,038	6	69.4	.....	98	5	43	1†	45	3.71	.....	1.11	0	8	8	3	19	s.	H. N. Kelly.
Hurley	Cimarron	4,200	4	70.4	.....	100	....	40	....	50[a]	0.64	.....	0.30	T.	3	4	12	14	se.	Dr. C. W. Meyers.
Idabel	McCurtain	474	3	75.8	.....	96	15†	54	19	31	4.03	.....	1.80	0	7	19	4	7	sw.	A. A. Bear.
Jefferson	Grant	1,062	18	72.1	− 4.2	95	5†	48	20	42	2.58	− 1.76	0.56	0	9	17	10	3	s.	T. E. Beck.
Kenton	Cimarron	4,000	11	67.4	− 3.3	93	5	43	1†	37	3.60	+ 1.69	1.63	0	9	16	9	5	sw.	Wm. M. Guy.
Kingfisher	Kingfisher	1,046	15	75.4	− 1.4	105	15	49	2	41	5.10	+ 1.26	2.55	0	11	12	16	2	s.	J. C. Cross.
Lawton	Comanche	1,111	.....	.....	.....	.....	.....	.....	.....	.....	5.01	.....	2.05	0	6	21	8	1	s.	F. C. Davis.
McAlester	Pittsburg	698	15	75.8	.....	98	15†	52	19	32	5.98	+ 1.14	3.44	0	7	22	0	8	s.	Wm. Noble.
Mangum	Greer	1,585	19	75.0	− 2.8	102	15	50	19	42	5.56	+ 0.88	2.40	0	7	18	4	8	se.	F. D. Dodson.
Marlow	Stephens	1,292	11	75.4	− 0.7	104	15	52	18†	40	3.08	− 1.54	1.56	0	6	17	8	5	se.	Wm. B. Anthony.
May	Harper	.....	.....	71.2	.....	98	5	43	19	43	1.97	.....	0.75	0	10	16	6	8	s.	G. C. Gray.
Meeker	Lincoln	1,030	18	74.8	− 1.8	99	15†	45	17†	43	9.30	+ 5.59	3.90	0	4	26	2	2	s.	Dr. J. H. Baugh.
Muskogee	Muskogee	614	13	74.8	− 0.8	95	15	55	2†	32	3.90	+ 0.14	2.00	0	5	16	7	7	s.	J. Harry Randall.
Mutual	Woodward	.....	4	71.4	.....	98	5	46	2	41	3.04	.....	1.43	0	5	18	5	7	s.	Thos. Martin.
Neola	Caddo	1,500	6	73.8	.....	104	15	50	2	37	5.41	.....	3.20	0	6	16	12	2	s.	R. N. Schooling.
Newkirk	Kay	1,149	14	75.2	− 0.8	100	15	51	7	44	3.47	− 1.47	1.30	0	4	13	15	2	s.	P. H. Albright & Co.
Norman	Cleveland	1,171	17	74.1	− 2.9	101	15	48	1	36	4.10	+ 0.03	2.00	0	6	11	17	2	s.	S. E. Boyd.
North Muskogee	Muskogee	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.76	.....	1.46	0	6	21	3	6	s.	J. E. Walker.
Oakwood	Dewey	1,854	2	70.9	.....	94	3	46	2	40	5.46	.....	1.35	0	12	20	5	5	s.	Dr. F. P. Osborn.
Okeene	Blaine	1,194	7	73.0	.....	95	3†	50	18	35	4.92	.....	1.29	0	12	17	8	5	s.	Dr. L. H. Murdoch.
Okemah	Okfuskee	.....	.....	74.9	.....	97	16	51	19	33	5.90	.....	2.75	0	8	26	2	2	se.	S. F. Smith.
Oklahoma	Oklahoma	1,247	22	74.8	− 0.9	104	15	53	18	32	4.75	+ 1.68	3.27	0	10	15	13	2	s.	U. S. Weather Bureau.
Okmulgee	Okmulgee	752	7	73.6	.....	95	....	51	....	31[d]	3.25	.....	1.70	0	5	17	8	5	s.	J. L. Maynard.
Pauls Valley	Garvin	880	11	75.2	− 1.2	101	14	51	2†	38	6.12	+ 2.51	2.83	0	5	20	8	2	s.	A. M. Foss.
Pawhuska	Osage	918	11	73.2	− 2.4	96	1	43	17	38	5.69	+ 0.68	1.71	0	8	15	11	4	s.	R. C. Block.
Perry	Noble	920	13	74.0	− 1.5	103	15	49	2	40	3.78	− 0.51	2.56	0	7	13	14	3	se.	S. E. Laird.
Rankin	Roger Mills	2,200	8	71.1	.....	95	14†	45	18†	42	3.34	.....	2.15	0	8	18	7	5	se.	Roy Kagay.
Ravia	Johnston	796	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. G. Guptill.
Sac & Fox Agency	Lincoln	900	18	74.5	− 1.6	98	15	52	19	31	3.69	− 0.23	1.34	0	5	18	11	1	se.	M. R. Gayle.
Shawnee	Pottawattomie	1,041	10	73.2	− 2.4	99	15	50	2†	35	4.42	− 0.89	1.59	0	8	10	15	5	se.	Mrs. Kate Chatman.
Snyder	Kiowa	1,356	5	75.6	.....	104	15	50	2	39	6.58	.....	3.85	0	7	17	12	1	se.	Dr. W. C. Woodard.
Stillwater	Payne	880	19	73.4	− 2.4	98	14	50	1	36	3.83	+ 0.14	0.98	0	7	17	10	3	se.	Wm. P. Watson.
Tulsa	Tulsa	700	23	73.7	.....	94	14†	51	19	32	3.30	− 1.11	0.63	0	9	18	10	2	s.	Dr. H. M. Hutchinson.
Vinita	Craig	698	8	72.4	.....	93	....	47	....	39[a]	5.63	.....	1.97	0	11	23	0	7	sw.	W. C. Chamberlain.
Wagoner	Wagoner	588	15	73.6	− 2.8	95	15	48	19	34	3.55	− 0.30	1.90	0	3	22	0	8	s.	Moro Hatfield.
Waukomis	Garfield	1,258	15	72.4	− 4.3	96	5	50	2	38	5.29	+ 1.71	2.50	0	8	16	12	2	se.	R. C. Shades.
Waurika	Jefferson	988	1	76.5	.....	109	14†	53	2†	39	4.28	.....	2.94	0	4	21	6	3	se.	B. A. Swindler.
Weatherford	Custer	1,639	10	73.8	− 1.4	100	15	44	2	46	4.20	+ 0.53	1.17	0	10	17	5	8	s.	Eugene Forbes.
Webbers Falls	Muskogee	479	13	74.2	− 2.4	97	4†	50	19	38	5.55	+ 1.50	2.50	0	6	4	25	1	w.	B. D. Boulineau.
Whiteagle	Kay	945	8	73.8	.....	99	15	53	19	35	2.88	.....	0.96	0	7	19	9	2	se.	J. M. Dankwardt.
Woodward	Woodward	1,893	9	71.8	.....	96	3	47	19	39	3.02	.....	0.69	0	11	20	5	5	s.	R. A. Boyle.
Wyandotte	Ottawa	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.30	.....	2.00	0	6	22	0	8	s.	Henry Hicks.
Missouri.																				
Belle	Maries	.....	21	69.9[d]	− 2.9	88	11†	49	19	28	5.16	+ 0.28	1.57	0	8	5[d]	13[d]	8[d]	s.	A. J. Wofford.
Birchtree	Shannon	1,200	19	68.9	− 3.9	85	12	48	19	29	6.44	+ 1.80	2.43	0	8	17	9	4	.....	V. H. Kirkendall.
Cape Girardeau	Cape Girardeau	346	8	.....	.....	.....	.....	.....	.....	.....	7.00	.....	1.60	0	10	13	10	7	s.	D. L. Albert.
Cardwell	Dunklin	.....	1	72.6	.....	93	1	53	8	38	5.39	.....	1.10	0	11	15[a]	11[a]	3[a]	w.	E. M. Perry.
Caruthersville	Pemiscot	.....	21	73.6	− 3.2	93	5	54	20	32	3.70	− 0.26	1.84	0	8	18	8	4	e.	H. E. Averill.
Cassville	Barry	.....	2	67.4	.....	88	15†	43	18†	38	5.04	.....	1.57	0	9	11	16	3	se.	Mrs. Zuma Bloomer.
Dean	McDonald	.....	14	68.6[d]	− 4.9	90	5†	43	19†	37	6.48	+ 0.33	1.53	0	10	14[d]	4[d]	8[d]	.....	H. E. Dean.
Doniphan	Ripley	440	9	71.0	.....	90	1	51	11†	36	6.45	.....	2.25	0	9	12	8	10	ne.	W. W. Martin.

TABLE 1.—*Climatological data for June, 1912. 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.**																				
Gano	Dent		9	68.3		88	12	48	19	32	6.44		2.77	0	11	14	10	6	se.	A. C. Leech.
Goodland	Iron	900	8	65.8		85	1	45	20	38	5.69		2.40	0	6	13	9	8	s.	F. M. Adams.
Hollister	Taney	1,000	3	69.8		92	16	46	24	38	4.35		1.80	0	5	28	0	2	sw.	W. P. Chapmann.
Ironton	Iron	925	35	67.6	− 4.4	87	1†	47	11†	37	5.82	+ 0.74	1.50	0	14	10	11	9	n.	W. H. Delano.
Jackson	Cape Girardeau	458	22	70.4	− 3.4	89	12†	52	9†	34	4.22	− 0.02	1.10	0	14	10	8	12	s.	L. M. Bean.
Joplin	Jasper	979	33	68.2	− 6.1	94	16	45	3	42	4.47	− 0.44	2.10	0	7	18	0	12	e.	Miss Ruth Smith.
Koshkonong	Oregon	911	12	71.1	− 2.4	87	12†	50	19	29	5.25	+ 0.72	1.87	0	10	12[c]	9[c]	6[c]	se.	J. W. Hitt.
Lamar	Barton	964	33	71.2	− 2.7	90	27	49	19	33	5.65	+ 0.75	3.63	0	6	13	8	9	e.	E. H. Adams.
Marble Hill	Bollinger	420	19	69.6	− 4.4	90	7	50	16†	31	3.10	− 1.35	1.45	0	4	13	16	1	s.	A. F. Hendrix.
Mountaingrove	Wright	1,490	14	66.8	− 4.5	87	4	46	19	31	6.81	+ 2.56	2.48	0	10	9	11	10	sw.	Mo. Fruit Exp. Sta.
Mount Vernon	Lawrence	1,480	34	69.1	− 4.5	90	15	42	20	36	6.90	+ 1.58	3.84	0	10	13	14	3	sw.	J. R. White & Son.
Neosho	Newton	1,023	30	69.8	− 3.9	90	15	44	19	34	6.94	+ 1.31	2.01	0	13	17	8	5	se.	W. O. Buck.
New Madrid	New Madrid	285	19								4.81	+ 0.59	2.85	0	7	16	3	11	se.	Miss Josie Smith.
Oakfield	Franklin	793	21	69.2	− 4.9	88	1†	49	8	30	5.43	+ 0.80	2.70	0	11	6	19	5	s.	E. E. Steines.
Olden	Howell	1,246	23	68.1	− 5.1	85	12†	43	2†	35	6.64	+ 2.72	1.85	0	8	14	15	1	sw.	J. D. Evans.
Rolla	Phelps	1,139	32	68.8	− 3.3	87	12†	48	19	34	6.36	+ 2.07	1.98	0	10	14	10	6	s.	Prof. P. J. Wilkins.
Springfield	Greene	1,350	25	68.6	− 3.7	85	15	49	19	26	5.74	+ 0.55	3.22	0	8	17	8	5	se.	U. S. Weather Bureau.
Kentucky.																				
Blandville	Ballard	445	31	70.0	− 4.9	85	16	53	8	25	4.34	− 0.48	2.25	0	11	4	14	12	ne.	E. W. Horr.
Tennessee.																				
Arlington	Shelby		30	72.7	− 3.6	95	12	54	8†	37	3.14	− 1.04	0.90	0	10	6	9	15	s.	A. Thomas B. Etheridge.
Boliver	Hardeman	450	25	73.0	− 2.7	90	12†	53	21	30	4.95	+ 0.86	2.15	0	10	17	1	12	s.	Miss Mary A. Smith.
Brownsville	Haywood	361	27	74.2	− 2.2	94	12	54	8†	33	3.33	− 0.83	0.83	0	10	14	8	8	ne.	Miss Hattie N. Moses.
Covington	Tipton	311	25	73.0	− 3.5	91	16	55	20	26	4.07	+ 0.06	1.56	0	10	13	1	16	s.	James S. Ruffin.
Dyersburg	Dyer	310	29	73.4	− 3.5	90	5†	54	9	34	3.00	− 0.91	1.20	0	6	15	3	12	ne.	Miss Martha A. Sinclair.
Jackson	Madison	450	19	73.6	− 2.9	91	4†	51	11	35	6.38	+ 1.64	2.62	0	8	9	18	3		Shelby A. Robert.
Kenton	Obion	325	10	71.6	− 3.6	89	16	52	8	29	4.61	+ 1.11	1.20	0	10	15	6	9	e.	George S. Martin.
Memphis	Shelby	409	41	73.7	− 4.0	90	5	59	9	23	4.39	+ 0.02	1.35	0	13	8	17	5	e.	U. S. Weather Bureau.
Milan	Gibson	440	29	71.6	− 4.3	89	13	53	8	30	2.60	− 1.79	0.72	0	10	6	7	17	s.	Orlando F. Cantwell.
Trenton	do	345	29	72.2	− 2.4	90	12	50	9	35	3.30	− 0.94	1.62	0	5	13	12	5	sw.	F. L. Dennison.
Union City	Obion	360	14	73.0	− 2.8	90	4†	52	11	35	2.14	− 1.80	0.77	0	9	17	11	2	ne.	J. B. Kimzey.
Arkansas.																				
Alicia	Lawrence		8	71.8		90	1†	54	8†	34	5.66		2.01	0	7	5	7	18	sw.	McCullough & Guelck.
Amity	Clark	250	20	74.7	− 1.5	95	15	55	8†	29	9.35	+ 3.91	2.80	0	6	9	4	17	ne.	J. W. Campbell.
Arkadelphia (near)	do	250	5	75.2		96	15	57	19	28	8.65		4.97	0	8	17	6	7	sw.	J. A. Ross.
Arkansas City	Desha	145	29																	W. C. Blundell.
Batesville	Independence	271	7								4.56		1.92	0	10					Lelia I. Teter.
Bee Branch	Van Buren		20	72.8	− 3.1	95	5	51	19	35	8.30	+ 5.18	3.50	0	11	12	7	11		J. E. Scanlan.
Benton	Saline	283	5	73.4		93	13	52	8	31	4.46		1.95	0	5	15	12	3	sw.	P. B. Jackson.
Bentonville	Benton	1,303	7	69.4	− 4.7	90	5	49	19	31	7.37	+ 2.81	2.05	0	12	14	13	3	e.	U. S. Weather Bureau.
Bergman	Boone	1,324	15	67.9	− 5.0	96	11	42	8†	49	6.12	+ 1.94	2.78	0	12	21	5	4	ne.	John T. Maxey.
Black Rock	Lawrence	259	8								6.98		2.73	0	11					S. J. Howe.
Brinkley	Monroe	226	26	74.5	− 2.6	93	5	53	8	31	5.48	+ 2.06	3.10	0	8	8	19	3		H. L. D. Whitson.
Calico Rock	Izard	361	8								7.75		2.00	0	9					W. H. Stoner.
Camden	Ouachita	158	27	75.0	− 3.0	93	5†	55	8†	31	6.45	+ 1.57	4.11	0	9	9	7	14	ne.	R. K. Quarterman.
Centerpoint	Howard	470	12	76.0	− 2.3	95	6†	55	19	30	6.00	+ 1.28	2.80	0	6	9	11	10	se.	J. M. Huddleston.
Clarendon	Monroe	171	8								4.53		2.14	0	11					Mrs. B. E. Bishop.
Conway	Faulkner	309	29																	G. H. Burr.
Corning	Clay	293	20	71.6	− 4.1	88	1†	52	8	32	6.32	+ 2.26	2.19	0	11	8	15	7	s.	Jacob Brobst.
Dardanelle	Yell	330	26	73.8		96	16	56	19	30	5.69	+ 1.79	2.00	0	11					A. Bernard.
Dodd City	Marion	1,175	31	70.9	− 5.1	96	16	46	19	37[c]	3.69	− 0.71	1.91	0	7					Neal Dodd.
Dumas	Desha										2.40		0.50	0	8	14	11	5		Lawrence Waterman.
Dutton	Madison		10	68.4		91	4†	43	8†	41	6.71	+ 0.91	2.34	0	10	11	16	3	s.	J. M. Ricketts.
Eldorado	Union	265	8	74.8		92	13	52	20	31	2.90		0.97	0	10					Jeff J. Babb.
England	Lonoke		6	74.2		92	5†	57	9	33	6.23		3.70	0	10	15	6	9		J. C. Chenault.
Eureka Springs	Carroll	1,465	10	70.4	− 3.1	92	5	46	19	33	8.03	+ 1.78	2.42	0	10	7	21	2	sw.	George W. Nichoalds.
Fayetteville	Washington	1,451	23	71.2	− 2.5	92	15†	48	19	33	5.21	+ 0.37	1.45	0	10	20	6	4	sw.	University of Arkansas.
Fordyce	Dallas			74.6		91	13	56	8	26	5.85		2.65	0	9	9	14	7	s.	A. Tredick.
Fort Smith	Sebastian	481	30	74.4	− 2.4	95	15	54	19	31	5.39	+ 1.39	2.89	0	11	13	10	7	e.	U. S. Weather Bureau.
Frazier's Turnpike	Pulaski										3.90		2.35	0	4	8	10	12	s.	R. E. Brown.
Fulton	Hempstead	264	8								5.17		2.25	0	6					B. C. Logan.
Hardy	Sharp	643	14	70.7	− 3.9	91	1	51	8	34	6.66	+ 2.76	2.75	0	11	1	16	13	se.	C. A. Caywood.
Helena	Phillips	182	27	75.6	− 2.7	94	13†	58	20	29	3.50	− 0.66	0.92	0	9					B. F. Modisett.
Hot Springs	Garland	600	20	75.2	− 1.5	93	6	57	8†	28	7.09	+ 2.08	2.29	0	11	17	8	5	ne.	Army and Navy Gen. Hosp.
Huttig	Union	85	5	76.4		95	15	55	29	31[c]	3.64		1.15	0	10					C. A. Berry.
Jonesboro	Craighead	345	17	72.2	− 5.7	93	12	53	7†	36	4.22	+ 0.05	1.41	0	10	2	26	2	e.	Benedictine Sisters.
Junction	Union		19	75.8	− 1.9	94	1†	56	21	30	4.28	− 0.23	2.02	0	5	12	6	12	sw.	J. A. Lowderback.
Lake Farm	Jefferson	195	5	74.0		91	8	54	20†	35	3.27		1.70	0	5					R. H. Gillispie.
Lewisville	Lafayette	262	9	76.2		97	17	58	8†	28	3.32		2.03	0	4	13	12	5		F. W. Youmans.
Little Rock	Pulaski	357	33	73.8	− 3.4	90	15	58	8	22	3.84	− 0.25	2.50	0	11	9	8	13	e.	U. S. Weather Bureau.
Lutherville	Johnson	775	15	72.0	− 3.0	93	16	49	19	30	9.54	+ 4.80	3.85	0	15	7	21	2	e.	W. R. Hentschel.
Malvern	Hot Springs	277	25	74.4	− 2.9	93	13	57	8†	29	5.52	+ 1.96	2.55	0	10					Miss L. C. Smith.
Mammoth Spring	Fulton	512	8	69.8		89	12	50	8†	35	5.85		2.83	0	13	10	17	3		F. Wallick.
Mena	Polk	1,100	26	72.7	− 3.1	91	5	52	19	29	6.07	+ 1.63	1.75	0	11	20	4	6	sw.	R. R. St. John.
Newport	Jackson	231	28	74.0	− 3.3	96	4†	51	20	36	5.35	+ 1.55	2.15	0	11					Chas. Sprigg.
Ozark	Franklin	377	21																	R. M. Adams.
Pine Bluff	Jefferson	215	24	73.7	− 5.4	91	15†	56	7	27	4.68	+ 0.55	2.50	0	8					J. M. Hudson.
Pocahontas	Randolph		20	72.0	− 3.1	90	1†	53	20	34	7.22	+ 3.34	2.45	0	8	9	16	5		Benedictine Sisters.
Pond	Benton	1,250	15	69.3	− 4.0	89	5†	44	19	35	8.47	+ 2.65	2.13	0	10	2	23	5	se.	A. F. Stevens.
Portland	Ashley	122	3	75.8		92	13†	56	8†	31	3.37		1.98	0	9					T. A. Corson.
Prescott	Nevada	327	24	74.7	− 3.7	94	13	55	8	33	5.12	+ 1.82	2.40	0	9					A. M. Ellsworth.
Rogers	Benton	1,385	21	69.6	− 3.7	89	5	47	19	33	9.12	+ 4.54	2.36	0	11	15	9	6	s.	Carl A. Stark.
Springbank	Miller	182	4								5.91		2.58	0	12					G. Field.
Stuttgart	Arkansas	495	25	73.6	− 3.7	92	5†	52	8	33	4.05	− 0.26	2.03	0	11	14	12	4	sw.	H. A. Buerkle.
Subiaco	Logan	1,050	15	74.2	− 2.8	95	15†	53	19	32	7.74	+ 3.22	3.54	0	14	12	7	11	e.	New Subiaco Abbey.
Swain	Newton	2,300	1	67.6		84	4†	47	19†	27[a]	7.09		2.10	0	9	9	14	7	s.	George Paxton.
Texarkana	Miller	332	28	76.4	− 2.2	95	6†	57	19†	31	3.90	+ 0.40	2.20	0	7					D. E. Moore.
Warren	Bradley	304	17	75.2	− 3.2	94	13	53	9	32	4.27	− 0.06	1.50	0	10					W. J. Savage.
Whitecliffs	Little River	206	8								4.32		1.65	0	7					John E. Payton.
Wiggs	Garland		19	72.1	− 4.0	91	4†	49	8	35	7.86	+ 3.42	2.05	0	14	11	18	1	sw.	S. D. Jester.
Wynne	Cross	250	4	73.8		96	14	55	7	30	7.29		3.57	0	11					John Seals.

TABLE 1.—*Climatological data for June, 1912. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.					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 rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Mississippi.																				
Anguilla	Sharkey	107	4	77.2	.....	94	16	60	22†	30	5.00	.....	1.50	0	14	5	9	16	sw.	E. W. Cook.
Austin	Tunica	200	16	73.9	− 3.4	93	5	55	9	31	6.12	+ 2.17	1.96	0	13	16	9	5	s.	H. J. Irvine.
Batesville	Panola	230	25	74.3	− 3.7	95	17	52	8	32	4.28	+ 0.23	1.12	0	10	12	4	14	n.	J. M. Cox.
Big Creek	Calhoun	.....	2	74.3	.....	96	16	53	20	30[a]	4.51	.....	1.00	0	8	7	9	14	s.	J. P. Havens.
Byhalia	Marshall	390	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. Bowen.
Canton	Madison	228	22	75.5	− 3.1	94	17	57	8	29	5.69	+ 1.57	1.48	0	17	3	18	9	se.	Dr. G. W. Smith-Vaniz.
Charleston	Tallahatchie	.....	2	75.4	.....	98	16	50	20	39	2.51	.....	0.68	0	9	16	3	11	s.	W. B. Burke.
Clarksdale	Coahoma	177	5	74.6	.....	92	16	56	20	28	5.48	.....	1.64	0	13	9	0	21	s.	A. C. Tuttle.
Cleveland	Bolivar	160	1	.....	.....	.....	.....	.....	.....	.....	3.34	.....	1.11	0	9	16	0	14	.....	W. W. Boone.
Coffeeville	Yalobusha	241	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. K. Bailey.
Corinth	Alcorn	470	24	73.8	− 1.6	91	6	54	20	30	3.46	− 0.64	0.72	0	9	11	2	17	ne.	M. A. Candler.
Crenshaw	Panola	187	3	.....	.....	.....	.....	.....	.....	.....	3.82	.....	0.70	0	12	.....	.....	.....	.....	Mrs. A. L. Fitzgerald.
Denmark	Lafayette	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. Welch.
Duck Hill	Montgomery	.....	13	75.0	− 2.2	92	15†	52	20†	38	3.12	+ 0.11	0.53	0	12	12	18	0	s.	W. H. Eskridge.
Edwards	Hinds	222	25	75.8	− 4.3	94	17	58	8†	32	4.70	+ 0.43	0.90	0	14	10	19	1	s.	E. F. Farr.
Enid	Tallahatchie	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. D. Burdshaw.
Fayette	Jefferson	270	11	74.8	− 3.7	95	17	57	8†	31	4.48	− 0.36	0.95	0	12	7	16	7	sw.	T. L. Darden.
Greenville	Washington	126	25	76.9	− 2.6	94	16†	59	8†	29	2.83	− 1.00	1.15	0	9	12	0	18	sw.	F. L. Harbison.
Greenwood	Leflore	140	12	75.7	− 2.3	95	16†	55	20	31	2.90	− 0.82	1.18	0	13	14	6	10	e.	J. H. Stephen.
Grenada	Grenada	194	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. A. Jones.
Hernando	De Soto	391	24	73.6	− 2.8	91	5†	54	8	28	2.60	.....	0.70	0	9	14	7	9	n.	W. F. Wood.
Hickory Flat	Benton	435	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. Powell.
Holly Springs	Marshall	600	25	73.1	− 4.5	90	17	55	8	25	2.83	− 1.42	1.20	0	11	9	6	5	se.	L. B. Mosby.
Kosciusko	Attala	430	22	74.4	− 3.1	93	16†	55	8	31	4.98	+ 0.96	1.67	0	17	11	12	7	se.	E. L. Lucas.
Lake Cormorant	De Soto	206	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Huldah Brantley.
Lula	Coahoma	182	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. T. H. Brown.
Malone	Marshall	.....	3	.....	.....	.....	.....	.....	.....	.....	2.97	.....	1.14	0	12	.....	.....	.....	.....	M. J. Wilkins.
Marks	Quitman	163	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. R. B. Hays.
Natchez	Adams	206	24	75.8	− 4.2	93	17	58	28	29	4.62	+ 0.62	1.23	0	8	13	1	16	se.	F. L. Garrity.
New Albany	Union	398	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. Marshall.
Pontotoc	Pontotoc	475	23	73.2	− 3.4	91	17	56	20	25	7.60	+ 3.48	1.48	0	12	5	24	1	se.	Dr. C. W. Bolton.
Port Gibson	Claiborne	116	24	75.6	− 3.2	94	16†	54	8	34	3.79	− 1.80	1.06	0	14	10	3	17	e.	H. H. Crisler.
Rosedale	Bolivar	143	4	75.6	.....	92	16†	57	9	28	2.33	.....	1.20	0	10	6	3	21	sw.	T. J. Murray.
Senatobia	Tate	284	3	.....	.....	.....	.....	.....	.....	.....	5.55	.....	2.25	0	11	8	0	22	w.	C. Brickell.
Shoccoe	Madison	.....	8	73.6	.....	92	16†	54	8	32	6.76	+ 3.65	1.73	0	9	14	6	10	se.	J. C. Pitchford.
Suffolk	Franklin	.....	11	76.4	− 2.4	92	1†	57	8	31	6.25	+ 1.99	2.00	0	15	9	14	7	sw.	Prof. G. H. Kent.
Swan Lake	Tallahatchie	148	7	.....	.....	.....	.....	.....	.....	.....	3.32	.....	0.82	0	11	10	10	10	ne.	W. J. Hawkins.
Tchula	Holmes	130	7	75.9	.....	94	16	56	20	30[a]	4.45	.....	0.96	0	9	.....	.....	.....	e.	Dr. M. P. Winkler.
University	Lafayette	502	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. J. H. Dorroh.
Utica	Hinds	287	8	75.2	.....	93	1†	58	8	29	5.63	.....	1.04	0	15	.....	.....	.....	se.	Dr. J. B. Dudley.
Vicksburg	Warren	247	41	75.7	− 2.8	90	17	63	20	20	2.53	− 1.96	0.87	0	13	4	16	10	s.	U. S. Weather Bureau.
Water Valley	Yalobusha	300	23	73.5	− 4.0	93	7†	53	20	37	4.75	− 0.28	1.25	0	10	13	10	7	sw.	Miss Loule Erikson.
Woodville	Wilkinson	560	19	75.7	− 4.2	90	1	59	8	26	7.40	+ 2.95	2.60	0	10	16	14	0	se.	James E. Lee.
Yazoo City	Yazoo	116	18	76.6	− 3.4	94	16	58	8	27	4.08	− 0.19	0.94	0	13	11	2	17	se.	W. H. Courts.
Louisiana.																				
Abbeville	Vermilion	18	24	77.8	− 2.1	94	23	63	8†	26	9.17	+ 3.07	3.80	0	11	10	12	8	se.	C. J. Edwards.
Alexandria	Rapides	77	24	78.4	− 1.2	96	16	58	20	31	4.68	− 0.95	2.25	0	7	10	2	18	n.	Nellie Graham.
Amite	Tangipahoa	130	24	76.2	− 3.4	90	24	60	21†	31	11.92	+ 6.31	4.00	0	11	11	14	5	n.	Lulu M. Wentz.
Antioch	Claiborne	.....	.....	75.8	.....	95	17	54	9	31	4.75	.....	2.66	0	8	17	0	13	ne.	W. L. Anglin.
Avoca Island	St. Mary	.....	1	.....	.....	.....	.....	.....	.....	.....	10.47	.....	3.70	0	10	14	10	6	.....	J. N. Pharr & Sons, Ltd.
Baton Rouge	East Baton Rouge	60	24	76.8	− 2.9	93	23	60	8†	28	5.69	+ 0.80	3.25	0	8	13	3	14	ne.	Elmo M. Bott.
Burnside	Ascension	20	12	77.5	− 1.8	93	23	61	25†	30[b]	6.78	+ 1.51	3.80	0	9	8	13	9	.....	C. S. McFarland.
Burrwood	Plaquemines	1	24	79.0	− 1.3	94	18	65	30	18	5.74	+ 1.57	2.50	0	10	11	8	11	ne.	Graham Meyers.
Cades	St. Martin	.....	2	77.7	.....	93	23	63	25	26	9.91	.....	4.02	0	11	17	5	8	s.	C. E. Smedes.
Calhoun	Ouachita	180	24	76.6	− 2.3	95	16†	52	20	36	1.85	− 2.47	0.42	0	9	7	22	1	s.	North Louisiana Expt. Sta.
Cameron	Cameron	6	19	74.2	− 6.3	90	6†	52	5	32	4.32	− 1.44	1.87	0	7	7	18	5	ne.	Adolph Bruckert.
Carrollton	Orleans	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Loyola College.
Cheneyville	Rapides	67	24	77.8	− 1.7	95	3	59	21	30	5.67	− 0.04	1.75	0	10	10	5	15	ne.	Walter I. Tanner.
Cinclare	West Baton Rouge	.....	2	77.8	.....	95	12	62	24†	24	5.74	.....	3.90	0	9	5	14	11	e.	Cinclare Central Factory.
Clinton	East Feliciana	113	24	75.8	− 3.3	90	2†	60	21†	26	4.61	− 0.61	2.55	0	11	6	5	19	n.	John A. White.
Collinston	Morehouse	65	11	77.4	− 2.3	100	15	54	20	32	3.28	− 1.02	1.42	0	10	7	12	11	s.	John B. Reily.
Columbia	Caldwell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. W. Blanks.
Covington	St. Tammany	39	20	78.4	− 1.5	95	23	61	26	32	4.12	− 1.31	2.46	0	7	6	15	9	sw.	Cecille P. Champagne.
Dodson	Winn	.....	3	77.5	.....	96	16	54	20	34	0.87	.....	0.36	0	4	8	15	7	s.	J. P. Lucas.
Donaldsonville	Ascension	33	24	79.2	− 0.7	93	18†	56	8	25	13.43	+ 7.32	5.37	0	8	13	6	11	s.	John F. Park.
Dutchtown	do	.....	1	.....	.....	.....	.....	.....	.....	.....	6.09	.....	3.50	0	8	7	15	8	.....	Picard & Geismar, Ltd.
Farmerville	Union	177	24	74.5[d]	− 4.4	91	16	56	7	29[d]	3.89	− 0.31	0.80	0	10	7	13	10	n.	W. P. Chandler.
Ferriday	Concordia	.....	5	78.2	.....	88	23	68	10†	16	5.09	.....	1.32	0	6	.....	.....	.....	.....	C. L. Achor.
Franklin	St. Mary	10	20	79.0	− 1.9	96	24	63	20	29	11.46	+ 5.20	6.75	0	11	10	13	7	ne.	J. M. Bonney.
Franklinton	Washington	.....	2	77.7	.....	98	23	60	21†	38	3.42	.....	1.50	0	9	.....	.....	.....	.....	D. A. Self.
Grand Cane	De Soto	302	18	74.0	− 4.7	96	13	44	20	46	1.42	− 3.39	0.45	0	7	9	6	15	s.	G. Foster Provost.
Grand Coteau	St. Landry	93	24	77.3	− 2.3	92	23	59	25	29	4.98	− 1.26	1.75	0	8	14	16	0	se.	St. Charles College.
Hammond	Tangipahoa	44	20	77.6	− 2.3	93	23	61	26	30	5.23	− 0.05	3.35	0	5	18	9	3	se.	C. C. Carr.
Houma	Terrebonne	.....	24	77.7	− 2.5	94	1	61	21	26	6.70	+ 0.79	1.60	0	10	15	0	15	sw.	J. M. Foote.
Jena	La Salle	.....	1	77.3	.....	96	16	54	20	35	4.95	.....	1.50	0	7	11	17	2	nw.	C. E. Wilbanks.
Jennings	Calcasieu	30	15	77.8	− 2.0	95	23	60	25	29	5.69	+ 0.79	1.34	0	9	4	16	10	se.	J. F. Buch.
Laark	Morehouse	.....	.....	72.3	.....	103	1	45	7†	45	4.34	.....	3.45	0	8	10	8	12	s.	P. M. Donley.
Lafayette	Lafayette	36	24	78.0	− 1.9	94	16†	62	25	27	7.00	+ 0.35	2.75	0	11	12	7	11	n.	J. J. Davidson.
Lake Charles	Calcasieu	22	24	76.0	− 3.8	95	1	58	21	32	8.26	+ 2.04	2.86	0	9	14	7	9	ne.	George Boudreaux.
Lakeside	Cameron	9	1	77.0	− 3.6	92	23†	66	27†	26	11.94	+ 6.51	2.78	0	9	19	4	7	ne.	L. J. Nunemacher.
La Rose (near)	La Fourche	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Louisiana Delta Farms Co.
Lawrence	Plaquemines	6	21	79.2	− 2.0	97	17†	65	12†	28	8.09	+ 2.37	3.23	0	12	12	6	12	s.	H. C. Warmoth.
Leesville	Vernon	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. McFarland.
Liberty Hill	Bienville	.....	24	77.8	− 2.1	100	17	57	21	37	4.09	− 0.62	2.05	0	8	12	9	9	s.	E. A. Crawford.
Logansport	De Soto	192	8	.....	.....	.....	.....	.....	.....	.....	2.81	.....	0.89	0	7	17	0	13	s.	Bettie M. Dennis.
Melville	St. Mary	45	24	80.2	+ 0.7	98	1	65	25	23	3.75	− 0.87	1.70	0	11	8	9	13	n.	Charles B. McNeill.
Merryville	Calcasieu	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. P. Windham.
Minden	Webster	194	24	75.4	− 4.1	96	18	51	20	39	2.01	− 1.91	1.25	0	11	11	4	5	n.	Ethel Fort.
Monroe	Ouachita	82	24	77.4	− 2.3	94	6	58	20	31	2.99	− 1.84	0.89	0	7	14	1	15	ne.	L. L. Smith.
Morgan City	St. Mary	14	6	.....	.....	.....	.....	.....	.....	.....	7.60	.....	2.97	0	10	6	4	20	ne.	Virgil E. Kinsey.
Newellton	Tensas	.....	5	76.2[h]	.....	93	16	61	20†	25[h]	3.27	.....	1.84	0	5	.....	.....	.....	.....	John D. Fultz.
New Iberia	Iberia	15	24	77.9	− 2.3	93	1	65	8†	21	10.32	+ 3.71	6.00	0	9	4	11	15	n.	Mrs. John A. Gebert.

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TABLE 1.—*Climatological data for June, 1912. District No. 7.*—Continued.

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.		
Louisiana—Continued.																				
New Orleans (1)	Orleans	51	41	78.0	− 1.6	90	17	66	11	17	4.11	− 2.05	1.37	0	13	2	12	16	ne.	U. S. Weather Bureau.
New Orleans (2)	do	18	24	79.2	− 1.4	94	1†	63	22	29	2.90	− 3.59	1.17	0	11	0	11	19	s.	Sugar Experiment Station.
Opelousas	St. Landry	83	20	77.4	− 4.8	93	23	58	25	31	6.19	+ 0.68	1.61	0	9	11	6	13	s.	Andrew Moresi.
Paradis	St. Charles		1								6.12		2.40	0	6					R. E. Boyce.
Pearl River	St. Tammany	29	6								5.30		1.94	0	14	15	9	6	e.	George F. Bancks.
Plain Dealing	Bossier	268	20	76.6	− 1.9	95	16†	57	17	30	7.34	+ 2.32	4.22	0	8	10	11	9	se.	Leon Sanders.
Rayne	Arcadia	44	20	77.8	− 2.8	95	24	60	25	29	6.50	+ 0.59	1.70	0	10	12	0	18	n.	A. P. McNeil.
Reserve	St. John Baptist		11	81.0	0.0	100	18	65	10†	32[a]	4.28	+ 0.18	1.81	0	8	11	10	9		Leon Godchaux Co., Ltd.
Richland Plantation	Rapides			76.0		91	19	60	20	24	3.94		1.20	0	14	13	6	11	se.	A. B. Pendleton.
Robeline	Natchitoches	147	16	76.4	− 2.4	96	16	51	20	38	2.08	− 1.54	0.70	0	6	9	12	9	ne.	Ruby McCook.
Ruston	Lincoln	312	17								3.00	− 1.62	1.50	0						R. A. Clampet.
St. Francisville	West Feliciana	115	9	76.7		93	16†	60	20	26[a]	6.49		3.21	0	4	10	12	8	n.	L. P. Kilbourne.
Schriever	Terrebonne	17	20	79.4	− 0.8	98	18	62	25	32	8.87	+ 1.84	3.40	0	10	17	4	9	e.	Harriet F. Riviere.
Shreveport	Caddo	249	41	76.2	− 3.4	92	16	59	20	25	3.79	+ 0.21	1.84	0	11	11	12	7	e.	U. S. Weather Bureau.
Simmesport	Avoyelles	42	6								4.48		1.35	0	9	5	0	25	ne.	C. T. Leigh.
Southern University Farm.	Jefferson		15								3.94	− 1.45	1.30	0	11	13	4	13	se.	F. L. St. Martin.
Sugartown	Calcasieu		19	77.8	− 1.9	91	1†	61	20	26	3.33	− 1.99	1.58	0	6	0	29	1		G. W. Richardson.
Tallulah	Madison	91	5	77.0		98	17†	58	20	35[b]	5.12		1.24	0	12					Neal T. Halt.
Walker	Livingston		2	77.2		91	1†	60	20†	29	9.27		4.32	0	8	8	14	8	ne.	H. C. Fondren.
Winnsboro	Franklin														9	10	9	11	ne.	J. C. Carlton.

[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 June, 1912. District No. 7, Lower Mississippi Valley.*

Stations.	Watershed.	Day of month.																														Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Colorado.																																
Buena Vista	Arkansas								.15			.50	.15		.05	.15		1.10					T.								.30	2.40
Calhan	Big Sandy																															
Canon City ‖	Arkansas	.38						.08	.15		.04		.43	.05		T.		.40	1.06				T.	T.							T.	2.59
Colorado Springs	Fountain				T.		.10	.15	.30	.21		.08	.10			.09		1.41					T.	.27				T.		.25	T.	2.96
Cripple Creek	Oil Creek						.05			1.13		.59	.14	T.	.14	T.	.10	.79				.07	T.	.13				.10	.09	T.	T.	3.33
Cuchara Camps	Cucharas						.32			.21			.51					1.41	.48				.16	.21						.17		3.47
Eads	Big Sandy								.30							.20	.50															1.00
Fairview	St. Charles						.26											1.70					.07			.05	.12					2.20
Fremont Experiment Station.	Fountain					.11	.95	.15	.08	.06		.57	.04		.23	.06	.81	.20	.86			.03							.08	.01	.02	4.26
Garfield	Little Arkansas						T.	.27	.23	.25		.10	.05	T.	.25	.10		1.45				.05	.03	.01	.14	.12	.49	T.		.09	.06	3.69
Hamps	Big Sandy						.05		.04	.04		.22				.40	.12	1.43													T.	2.30
Hermit Lake	Grape Creek							.19		.44		.49	.06	.18	.03	.02		2.20		.06			.11		.10				.11	.12		4.11
Hoehne (near)	Purgatoire				.05		T.	T.	T.	.13		.27	.18			.20	1.65		T.		.50			.23								3.21
Holly	Arkansas									.55		.03	.02	.03	.06	.20		1.48	.07				.12									2.56
La Junta	do																															
Lake Moraine	Fountain						.05	.19	.06	.35		.58	.04		T.	.28	.06	1.68				.09		.07				.03		.05	.12	3.65
Lamar	Arkansas									.29		.01		.54		.03		1.35														2.22
Las Animas	do																															
La Veta Pass	Cucharas																															
Leadville	Arkansas			T.			T.	T.	.10	.06		T.	T.	T.	.21	.18	.01	.72		T.			.13	.20	.26	.15	T.		.02	.03	.04	2.11
Limon (near)	Big Sandy						.01		.26	.17	.03	.30	.03	.29	.09	.52	.15	1.80	.02													3.67
Madrid	Purgatoire				.01	.12	.03	.07	.06	.16								1.32		.45		.25	.10	.15	.02			.23	.01			2.98
Manitou	Arkansas																															
Marshall Pass	do							.10		.20					.20		.40	.72				.20			.30			.40	.10	.35	.35	3.32
Monument	Fountain							.30	.22	.04		.22	.03		T.	.22		1.28										.04		T.	.13	2.48
North Lake	Purgatoire		.03		.03		.36			.24	.02	.26						.81		.18		.26	.53	.10	.09	T.		.03				2.94
Oro	Arkansas																															
Pueblo	do						.07	T.	.02	.02		.14	.07		T.	.04	.26	1.39				.20						T.			.03	2.24
Rocky Ford (near)	do						.07										T.	1.50														1.57
St. Elmo	Chalk Creek							.04	.30	.10		.18		.03	.15	.21		.60						.09				.02		.05	T.	1.77
Salida ‖	Arkansas							.42	.10	.02	.16		.43					.47	.76							.33				.10		2.79
Santa Clara	Huerfano				T.	T.	.23	.04	T.	.34	T.	.08		T.			.20	2.00	.02	.09		.02	1.01	.06				T.		.32	.02	4.43
Sheridan Lake	Arkansas																															
Stonewall	Purgatoire				T.		.36			.21	.12	.61					T.	.85	T.	1.10		.24	.70	.24	.10			.36	.09	.67		5.65
Trinidad	do				.02		.06	.01	.08	.07		.11	T.				T.	1.44		.37	T.	T.	.56	.13				.10			T.	2.95
Two Buttes	Arkansas						.08			.99	.10	.01		.10				1.61	T.			.09										2.98
Victor (near)	Oil Creek								T.	.52		.43	.35					.92					.18					.29	T.		T.	2.69
Vilas	Cimmaron								.25									2.00													.40	2.65
Wayne	Arkansas																															
Westcliffe	Grape Creek							.03	T.	T.		.25						.85				T.	.20	.16				.05				1.54
Winfield	Clear Creek						.01	.08	.34	.13		.08		.08	.38	.48		1.10				T.	.02	.10	.03	T.	.09	.03	.24	.03	.09	3.31
Woodman Sanitorium.	Fountain						.35		.01	T.	.09	.17	.01		.03	.05	.02	.35			T.	T.		.15				.14	.07		T.	1.44
Wortman	Arkansas	T.						.50	.10	.10	T.	T.	T.	T.	.10	T.	1.35	T.					T.	T.	T.	.20	.10	.10	.10	.10	.10	2.85
New Mexico.																																
Abbott	Canadian						T.			2.00		.05					.50	.25		*	.17		.42	1.00								4.39
Albert	do						.54			.83	T.	.38						.98				.38	*	.42								3.53
Aurora	do						.08		.41		.95	.08						.80		.15		.06	.65	.15						.39		3.72
Bell Ranch	do					.27	.68			.12	T.	.45						T.					.33									1.85
Black Lake	do						.20		.16	.54	.28	.07					.20	.25					.42	.14				.15				2.41
Cabeza	do							.75		T.	.14	.41						T.				.26	T.	.30								1.86
Campana	do						.55	T.		.06	.12	.46								T.		.14	T.	.13						T.		1.46
Chacon	do							.10	.15	.16	.13	.15						.50		.35			.30	.42				.24				2.50
Cimarron (near)	do				.16	T.	.08	.05		.12	.10	.52	.06				.60	.18	T.	.06		.09	.27	.02	.12					.23		2.66
Clayton	do																															
Clovis	Red						.20	.03		.04	.25	.50	.05																			1.07
Cuervo	Canadian						T.	T.		.30	.10	.30								T.			T.		T.					T.		0.70
Dawson	do						.36		.03	.50	.09	T.	T.				.20	.90		T.	.46	.13	.15	.40								3.22
Elizabethtown	do					T.	T.		T.			.22						.18			.07	.12	.46	.57								1.62
Folsom	Dry Cimarron				.12	T.	T.	T.		.12	.01	.04	T.					2.00		.91		.35	1.02	T.	T.						.13	4.70
Fort Union	Canadian				T.		T.	.05	.15	T.	1.20	.68	.26					.26		T.	.17	.18	.20	.90	.30				T.		.05	4.40
Hayden	do				.05		.05			.03	.29	.49						.05		.25		.20	.39	.05								1.85
Hoosier Ranch	do						.60	.05	.04	.10	.20	.14	T.					1.31		T.		T.	.54									2.98
Johnsons Park	do						T.			.10	T.		T.				1.27	.40	.19	.31		T.	.80	T.					.39			3.46
Kappus	do				T.		.34		*	.23	.75	.21	.43						T.	T.		T.										1.96
Lake Alice	do																															
Logan	do							.20			.71	.46	.35										T.	.08								1.80
Lykins (near)	Red				.32			.27	.08		.42	1.28	.80																			3.17
Maxwell (near)	Canadian						.10			.11	.09	.04						1.10					.14									1.58
Melrose	Red							.36	.83	T.	.34									.09		.05										1.84
Miami Ranch	Canadian									.09	.18	.07					1.08	.40		.04		.09	.29	.75	.06					.07		3.12
Mills (near)	do				T.			.26	.09	.05	1.30	.09	T.					.73		.08			.38	.23								3.21
Montoya	do						T.	.30		.15	.85	.80											T.									2.10
Mount Dora (near)	do				T.	T.			T.	.17		1.55											*	1.60								3.32
Nara Visa	do																															
Optimo	do																															
Palo Verde	do							.30		.04	T.	.30	.02					1.56		T.		T.	.40		.03							2.65
Pasamonte	do									1.50								.90					.34									2.24
Pleasant View	do						.73			.07		.13						1.08		.12			.25	.24								2.62
Portales	Red					.08	.04	.06	.42	.02	.90	.06	.16														.02					1.76
Raton	Canadian						.15			.16	.04			.30			*	1.65	.53	.38			.04	.42	.20							3.87
Rociada	do							.33	.34		.16	.21						.23		.40		.13	.36	.30	.08	.04		.16				2.74
Rosebud	do							.52			.68	.50	.08									.19	.19									2.16
Roy	do							.81		.10	.10	.23						2.15						.74								4.13
Roy (near)	do						.80	.02	.22	.10	.32	.15					.93	.06					.51									3.11
San Jon	do							.05	.05	.50		.83						T.				.10	T.		T.							1.53
Solano	do							.96	.08	.11	.21	.27						.78		.03			.16	.31	.01							2.92
Springer	do									T.	.10	T.	.08					1.50		.18			.20	.20	.03					T.		2.29
Taylor	do			T.						.01	.20	.02	.20					1.50		.55			T.	.21	T.							2.24
Trementina	do																															
Tucumcari	do							.26	.05	.10	.17	.89	.10					T.														1.57
Valley	Dry Cimarron						T.	T.	.13	*	.28	.20						2.50						1.20								4.36
Vance (near)	Canadian					.08	T.	.03	.01	.01	.79	.42						1.78		.34		.09	.44	.06								4.05
Vermejo Park	do				T.		.63	.12		.10	T.	.43		T.				T.	.22		.35		T.	.42	.98	.10					T.	3.35
Wagon Mound (near)	do				.05			.06	.07	.05	2.89	.07						.71		.10	.03	.02	.47	.19	.30							5.07

TABLE 2.—*Daily precipitation for June, 1912. District No. 7*—Continued.

Stations.	Watershed.	Day of month.																														Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Texas.																																
Amarillo	Canadian						.02		.17	.18	.02	.58	.67					.06		.01		T.	.03	.02	.01						.13	1.90
Archer City	Red						T.						T.	T.				2.72	.79					.59								4.10
Arthur City ‖	do		1.95												1.00	.30			2.25													5.50
Bonham	do	1.05													.48			.77	1.17					.29					.05		.14	3.95
Canadian	Canadian																															
Childress	Red									.99			.32				.10	2.10						T.							T.	3.51
Chillicothe	do						.05	.19	.05				.64					3.36						.63								4.92
Clarendon ‖	do							.04		.35			.55	.19				.24	.05					.21	.07							1.70
Clarksville	do	.25					.05							1.42					1.33				.85					.27				4.17
Claude	do								.25	.40		1.85																				2.50
Dalhart ‖	Canadian						.14			.08	.34	1.32	.12					.85	.12		.05		.17	.10	.07							3.56
Denison ‖	Red	.08	.20												.50			1.20	3.10						.25							5.33
Finley ‖	do														.50				1.10								.25	.45				2.30
Henrietta ‖	do																	1.50	2.35	.03				.60								4.48
Hereford	do																															
Memphis	do								T.									.37						.25								0.62
Miami	Canadian	T.						.08	.08	.19	.05		1.39	.05				.03			.06		.12	1.87							T.	3.92
Mobeetie	Red																															
Ochiltree	Canadian					.12	.33	.61	.18	1.90								.35					.40									3.89
Panhandle	do																															
Paris ‖	Red	.09	.47					T.							2.00				1.20	.05				T.	.13				T.			3.94
Plemons	Canadian	.05								.16	1.01	.50	1.15	.34				.12	.01	T.			.11	.35							.15	3.95
Quanah ‖	Red							.60	.20	.20				T.				1.30	2.00						.55							4.85
Ringo Crossing ‖	do			1.41															1.09													2.50
Romero	Canadian					T.		.16		.15	.07	.45	.30					.20	T.	.19		.02	.02	.25								1.81
Sherman ‖	Red														.42			.15	2.49						.32							3.38
Stratford	Canadian									.27	.10	.42	.46					.95					.26	.28	.01							2.75
Texline	do																	1.75								1.00						2.75
Tulia	Red						T.		.16	.04		.61	.05					.04				.13								T.		1.03
Wellington	do								.85					.45				.80						1.45								3.55
Wichita Falls	do						.01						.18	.02			.99	3.33						.51								5.04
Winfield	do	.67	T.				T.								T.			.69	T.				.02	.11						.24	.14	1.87
Kansas.																																
Alden	Arkansas								.77	1.12			.68					.70	.10				.85									4.22
Anthony	do				T.	.16			.04	.25			.10	.13				.01					1.10									1.79
Ashland	Cimarron	.63			.07		.58		.56	.48	.67	.02	1.16	.02				.45	.01				.64	.01	.02							5.32
Burlington	Neosho				T.	.68				.38				.59		1.32		1.32	.03													4.32
Chanute	do	T.					.69		T.	.14				1.02	T.	T.	.26	3.01					.73								T.	5.85
Cimarron	Cimarron	.01				T.	.34		2.00	T.	.74		1.74			.10	.05	1.43	.05				.38									6.84
Coffeyville	Verdigris	.02					.40							.27			3.00	1.64				.68		.36				.16				6.53
Coldwater	Cimarron	.37			T.		.35		.63	.46	T.		.23					.87	.02				1.13								T.	4.06
Columbus	Neosho	.01				.31			T.	.01				.75				6.96	.11	T.				T.				T.		.04	.09	8.28
Coolidge	Arkansas									.60				.18		.76		1.55														3.09
Cottonwood Falls	Neosho	.60			.08		.78	.03	.34	.28				.05		.06	.02	.80	.03				.09						T.		.01	3.17
Council Grove	do					.90			.26	1.15	.04			.34		.08		.78	.10													3.65
Cunningham	Arkansas				T.	T.	.10		.35	.20			.28	.20				.40	.10				1.10									2.73
Dodge City	do				.01	.52	.18		.67	.60		1.70	1.63	T.	.09	.03		1.66					1.44	.01	T.						.01	8.55
El Dorado	do	.37					.10		.05	.11				.06	.20			1.55	.06				.14	.04							T.	2.68
Ellinwood	do	.27			.01	T.	T.		.90	1.00	.01	.06	.17			T.		.93	.10	.08			.80									4.33
Emporia ‖	Neosho	.32					.64			.37	.10			.36				.28	.65				.33									3.05
Eureka	Verdigris	.15					1.22		T.	.20				1.45			.44		1.12					.55								5.13
Fall River	do	.02				T.	1.50		T.	.15				.50		.10	T.	1.30														3.57
Fargo	Cimarron						.19		.56	.39		.61	.91	.03				2.20	.20	.06			.18									5.33
Fredonia	Verdigris	T.					.72		T.	.07	T.			.71		T.	.30	2.04	.03				.08	T.								3.95
Garden City	Arkansas					.03	.10		.35	T.	1.03	1.55		T.	.11	T.	.14	.80					.05									4.16
Great Bend ‖	do	.31							.22	1.56				.50	.10			.80	.15	.10			.20									3.94
Greensburg	do	.50			.08		.97		.50	.20			.65	.07				.70					.27								T.	3.94
Grenola	Verdigris	.10					.18							.11	T.	.07	T.	1.50	.03				.12	.67								2.78
Hess	Cimarron	.04			.10	T.	.06		.08	1.07		1.25	1.69	.07				2.15	.06				.05									6.62
Howard	Verdigris	.07					.41							.24		.13		1.63						2.25							.05	4.78
Hugoton	Cimarron								T.	.64	.15		.68	.55				2.25		T.			.01									4.28
Hutchinson	Arkansas	.44							.29	.43			.01	.22	.20			1.08	.05				.23									2.95
Independence	Verdigris	.07					.41		T.	.04	T.			.84		T.	1.42	1.93	.02				.11	.20							T.	5.04
Iola	Neosho	.08			T.	.49			.04	.23				.43		.24	3.08	1.00	.01			.08						.26			.04	5.98
Irene	Arkansas				T.	T.	T.		T.	.71	T.	.05	.02	.08	.01			1.70	.02				.17									2.76
Jetmore	do	.20			T.				.10	.25	.40	.23	2.42			T.		1.30	.08				.25									5.23
Kingman	do	.46			T.	T.	.06		.20	.10			.20	.10	T.		T.	.86	.10				.94									3.02
La Crosse	do	.44			T.	.16	T.		.34	.73	.08	.02	1.46			.15		.82	T.				.15									4.35
Lakin	do					.15			.12	.65		.45		T.	.05	.55	.53	.12		.03			T.								T.	2.65
Larned	do	.35			.03	.03	T.		.88	.83	.09	.03	1.25	.24				1.05	.15				.12									5.05
Lebo	Neosho	.06			T.	.89			.08	.25	T.	T.		.38	T.	.30	.05	1.25	.07			.09										3.42
Le Roy ‖	do	.05				.04	.70		T.	.31	.06			T.	.40	.40	.10	.63	.51				.03									3.23
Liberal	Cimarron	T.					T.	.10	.08	.91	.29	.24	.65	.02				1.35					.22									3.86
Macksville ‖	Arkansas	.40				.02	.10	.06	.16	.91	.03		.04	.16				.85	.44					.19							.02	3.38
McPherson ‖	do	.71					.30		.16	.94						.18	.02	.24	.23				1.32									4.10
Madison	Verdigris	.24			.04		.64		.20	.18				.55		.04		1.33	.18			1.25							.03		T.	4.68
Marion	Neosho	.32			.03	.04	.88	.03	.41	.37	.01		T.	.07	T.	.05		.67	.09				.07									3.04
Medicine Lodge	Arkansas	.50			.12		.43		.27	.14			.40	.15				.65					.31							.04		3.01
Medora ‖	do		.42					T.	.04		.90	T.	.02		.28			.48	.25				T.		.24							2.63
Minneola	Cimarron			T.	T.	.23	.18		.04	.89	.67		2.48					1.13	.06				.21									5.89
Mount Hope	Arkansas	.39				T.			.07	.23								.95	.09			.18										1.91
Neosho Rapids ‖	Neosho						.84			.32	.06		.12	T.			.12	.62	.28			1.64								.08		4.08
Ness City	Arkansas																															
Newton	do	.33							.15	.22					.05			.56	.20				.40									1.91
Norwich	do	.27			T.	T.	.34		.06	.07			.02	.17	T.			1.26	.07				1.02									3.28
Oswego	Neosho						.44							1.14				6.30	.13			1.30	.10					.21		.03		9.65
Plains	Cimarron	.33					1.90			.19	1.16	.18	1.11	.64				1.70	T.				.42	T.							T.	7.63
Pratt	Arkansas	.16				.12	.30		.18	.35				.16				.60	.10				.46									2.43
Richfield	Cimarron									.25		.27	.03	.06				1.09					.23								.19	2.12
Rome	Arkansas	.50					.41		.01	.05				.29	.13			.38					.68	.04								2.49
Sedan ‖	Verdigris	.08					.07	T.		T.	T.			.28	.30		.25	2.32	.13				.25	.38	.15							4.21
Toronto	do						1.22			.38				.86		.37	T.	1.67					1.23									5.73
Ulysses	Cimarron								T.	.31		.05	.32	.07			1.25	.11		T.			T.									2.11
Walnut	Neosho	.07			T.		.37		T.	.14				1.00	T.	T.	.19	3.43					2.56	T.							.22	7.98
Wellington	Arkansas	.29			T.		1.35		.03	.08		T.		.40	.15			.22	.13				1.14	.02								3.81
Wichita	do	T.				.02			.05	.05	T.	T.	.02	.17	.15		T.	1.67	.05				1.08	.01								3.27
Winfield	do					.28					T.		T.	.28	.03		.92	.10					.60									2.21
Yates Center	Verdigris	.29			T.	.06	.45		.05	.08	T.		.17		.01	.53	T.	1.14			.02		.10								T.	2.90

TABLE 2.—*Daily precipitation for June, 1912. District No. 7*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total.
Oklahoma.																																
Ada	Canadian	.05												.79	.05			3.00	.88	.04				1.66								6.47
Alva	Arkansas	.33			T.		.14		.41	.19			.94	.20				.30					.31									2.82
Apache	Red													.59				2.22	.39				.02	1.43	.02	.01						4.68
Arapaho	Washita	.33					.03		.16				1.35					1.04	.07				.12	2.34								5.44
Ardmore ‖	Red	T.													.20			1.87	2.60	.04					.64							5.35
Arnett	Canadian																															
Bartlesville	Arkansas	.05					.91			.02				1.67	T.	1.68	.06	.79					.10	.32								5.60
Beaver	Canadian	.20					.33	.05	.08	.04	1.25			2.10	T.			.25					.75									5.05
lackburn	Arkansas																															
Cache	Red							.19					.75	.30				3.00						2.17								6.41
Calvin	Canadian		.15											.73	.35			1.54	3.65	.09		T.		.70	.08							7.29
Chandler ‖	do						1.40				T.			.55				1.10	1.18				T.	.56	.17							4.96
Chattanooga	Red							.05		T.				1.65				3.24	.42					1.25								6.61
Chickasha	Washita												T.	.91				2.45	.31				T.	.87							T.	4.54
Cloud Chief	do						T.	T.	.10				.36	.10				1.45	.15				.22	2.25								4.63
Crawford	Canadian						.60		.70				.80					.20					1.07	.83								4.20
Durant ‖	Red	T.	.73												.78	T.		.75	3.40						.45							6.11
Eldorado	do	T.					T.	.11	T.				T.	.58				2.89	.07			T.	T.	.30							T.	3.95
Elk City	do						.03				.30		.75	.10				.28	.08				3.00	1.48							.02	6.04
El Reno	Canadian												T.	T.				2.40	.60	.15			.40	.23								3.78
Enid ‖	Cimarron	.40				.03	.50			.50				.75				.69	.36				.94	.48								4.65
Erick	Red						T.		.36	T.			.20	.10				.30				T.	1.25	2.23							.10	4.54
Eufaula	Canadian	T.					T.							.23	T.			3.00	.28				.76	.80				.50				5.57
Fairland	Arkansas						.25		T.	T.				.22	.60	.26	T.	2.11	.12	.07		T.	1.68	.15	T.			.29		.73	T.	6.48
Fort Gibson	do													.10	.22	T.		.89	1.18	.05			.26	.49	.94				.30			4.43
Frederick	Red						.02	.10		.02			.18	.34				2.06	.39					.83							T.	3.94
Geary	Canadian	.09					.02		T.	.07			.45	.09				1.38	.21				.24	.66							T.	3.21
Goodwell	do	.07					.02		T.	.27	.02	.74	.58					1.27					.04									3.01
Guthrie	Cimarron						T.							.40				3.20	.35				1.25	.80								6.00
Guymon	Canadian					T.	T.		.13	.97	T.	.47	.77					1.25	.10				T.	.31								4.00
Hartshorne	do	.05												.40	.60			3.20	.50				T.	1.40								6.15
Healdton	Red						T.							.68				2.35	.88					.36							T.	4.27
Helena	Cimarron	.90			T.		.38		.08	.28			.58	.28				.20	.05				.30	.15								3.20
Hennessey	do				T.		T.			.50			.20	.33	.03		2.32	.05					.60									4.03
Hobart	Red						T.	.29		.12			.62	.09				2.04	.12				.09	2.62							.02	6.01
Holdenville ‖	Canadian													.46	.06			1.25	1.85					.70	.12							4.44
Hooker	do								T.	.67	T.	.88	.66	.03				1.11		T.	.05		.28	.03							T.	3.71
Hurley	Cimarron								.30			.05	T.					.29		T.												0.64
Idabel	Red	.34												.50	.03			1.80	.01					.35							1.00	4.03
Jefferson	Arkansas	.40			.03	T.			.12	.18				.29	.27			.37					.56	.36							T.	2.58
Kenton	Cimarron					T.	.05			.06	.17	.03	T.					1.21	T.			.01	1.63	.42	.02	T.	T.					3.60
Kingfisher	do	.07					.04		.01	.18			.46		.33			2.55	.18	.03		.44		.81								5.10
Lawton	Red						.04							.85				2.05	.46				.01	1.60								5.01
McAlester	Canadian	.08												.29	.07			3.44	.87				.11	1.12								5.98
Mangum ‖	Red							.03		.05				1.33				.25	1.42				T.	2.40	.08							5.56
Marlow ‖	Washita							T.						.44	.50				1.56	.03				.35	.20							3.08
May	Canadian	.01				T.	.33		.13	.13	.07		.37	.11				.02	.05				.75	T.							T.	1.97
Meeker	do						3.25							.90				3.90						1.25								9.30
Muskogee	Arkansas						T.							T.	T.	T.		1.40	.20				T.	2.00	T.			.25			.05	3.90
Mutual	Canadian								1.43				.63					.27					.46	.25								3.04
Neola	Washita						T.	.06		.02			.17	.31					3.20					1.65							T.	5.41
Newkirk	Arkansas	.17					1.25		T.					T.				1.30					.75									3.47
Norman	Canadian												.05	.60				2.00	.60				.10	.75								4.10
North Muskogee	Arkansas																	.63	1.46				.22	.78	.55				.12			3.76
Oakwood	Canadian	.16					.72	.03	.03	.29			1.35	.55	.18			.80					.75	.57							.03	5.46
Okeene	Cimarron	.16					.09	.04	T.	.53			1.29	.10	.27			.94	.15	.32			.63	.40							T.	4.92
Okemah	Canadian	.01					.03							.50				2.65	.30				.45	.46	1.50							5.90
Oklahoma	do	T.					.06						.23	.03			1.50	1.85	.14	.14		.02	.38	.40							T.	4.75
Okmulgee	do													.42	.11			1.70	.09					.93							T.	3.25
Pauls Valley	Washita	T.												1.86	.03			2.83	.61					.79								6.12
Pawhuska	Arkansas	.06					.18		T.	.03				1.15		1.71		.59					1.19	.78								5.69
Perry	do	.03						.01		.11			T.	.34				2.56	T.				.22		.51							3.78
Rankin	Red								.27	.13			.30					.17					.64	1.51						.09	.23	3.34
Ravia	Washita																															
Sac and Fox Agency	Canadian						.65							.63				1.34	.42					.65								3.69
Shawnee ‖	do						.29			T.				.67	T.			1.12	1.59		.08		.04	.42	.21							4.42
Snyder	Red							.14		.07			.20	.43				3.85	.14					1.75							T.	6.58
Stillwater ‖	Cimarron					.42			.11	T.			.71				.98	.61	T.			.45	.55								T.	3.83
Tulsa ‖	Arkansas						.15				T.			.50	.52		.30	.42	.63				.12	.58	.08							3.30
Vinita	do						.15					.60		.25	.09		.49	1.97	.20			.09	.96	.23							.60	5.63
Wagoner	do																	1.90				.45		1.20								3.55
Waukomis	Cimarron	.12			T.		.30		T.	.55				.75			.22	2.50				T.	1.15	.40								5.99
Waurika	Red													.20				2.94	.50					.64								4.28
Weatherford ‖	Canadian	.10					.07	T.	T.	.13				.82	.19			.82	.82		T.		.01	1.17	.07							4.20
Webber Falls	Arkansas												.10		.25			2.50					1.40	1.25				.05	T.	T.	T.	5.55
Whiteagle	do	.22					.96			.11				.35				.83					.10	.31								2.88
Woodward	Canadian	.48					.28		.24	.45	T.		.69	.30				.01	.05	.03			.39	.10								3.02
Wyandotte	Arkansas						.50								.90	.40		2.00					.70							.80		5.30
Missouri.																																
Belle	Meramec				.20	.37									1.00	.70	1.57	.90	.12											T.	.30	5.16
Birchtree	Black						.51							.38	.82	.21	.98	2.43	.96										.15			6.44
Cape Girardeau ‖	Mississippi					.45									1.60	1.10	.10	.60	1.10	.10			T.				T.	.20		.20	1.55	7.00
Cardwell	do	.22					.72						.56	.96				.81	.10				.06				.38	.45	.10	.03		5.39
Caruthersville	do	T.					T.							.45	.36		.08	1.49	1.84					.05	T.	T.	.12		.31	T.	T.	3.70
Cassville	White						.66			T.					.29	.75		1.57	.45		.07	.30	.29					T.			.66	5.04
Dean	Neosho	.04					.56							.64	1.10			2.53	.10				.70					1.40		.01	.40	6.48
Doniphan	Black					T.	.38							1.05	1.55	.05	T.	2.25	.55							T.	T.	.27		.10	.25	6.45
Gano	Meramec					.51	.61							.47	.13	.44	1.00	2.77	.24										.15	.03	.09	6.44
Goodland	Black					.90	.60								.86	.54		1.40	.39													5.69
Hollister	White						1.50								.30			1.80	.50					.25								4.35
Ironton ‖	Mississippi		T.			.10	1.00		T.	T.	T.				.60	.60	.02	.50	.67	.20			.20				.12	.08	.40	.07	.26	5.82
Jackson	do					.02	.40							.64	1.10		.23	2.65	.68	.01		.01				.02	.02	.21		.21	.02	4.22
Joplin	Neosho						.51							.91				1.10	.16		.31	.28	.20									4.47
Koshkonong	Black						.67							.27	.26			.57	.89					T.		.07		.06	.75	.23	.18	5.25
Lamar ‖	Neosho						.51			T.	T.				.91	.04	T.	3.63	.28				.28									5.65
Marble Hill	Mississippi																.65	1.45											.40		.60	3.10
Mountaingrove	White					.12	.68							.38	1.43		.21	2.48	.42					T.					.22	.23	.64	6.81
Mount Vernon	Neosho						.53							.18	.58	.05	.12	3.84	.06			1.03	.01								.50	6.90
Neosho	do	.07					.85			.01				.48	.91	.55		2.01	.36			T.	.25	.48					.71	.15	.11	6.94
New Madrid ‖	Mississippi		.02												.80			.80	2.85	.20						.04	T.			.10		4.81
Oakfield	Meramec	T.			.10	.23	.56			T.	T.			.04	.29	.42	2.70	.62	.16			T.						.11	T.	.20		5.43
Olden	White													.60	.74		1.00	1.85	.63			.02							.87		.93	6.64
Rolla	Meramec					.39	.35		T.					.57	.04	1.98	1.04	1.57	.28	T.									T.	.02	.12	6.36
Springfield	White	T.				.25	.01			T.				.10	1.86		.57	2.86	.05				.04								T.	5.74

TABLE 2.- *Daily precipitation for June, 1912. District No. 7*—Continued.

Stations.	Watershed.	Day of month.																														Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Kentucky.																																
Blandville	Mississippi						.13							.14	.10	.14	T.	2.25	1.11	.01						.13	.09		.07	T.	.17	4.34
Tennessee.																																
Arlington ‖	Mississippi		.18		.35										.43	T.		T.	.36	T.				T.	.90	.10	.07	T.	.13	.15	.47	3.14
Bolivar ‖	do						2.15								.52	.02			.09	.35				.13	.53	.32	.19			.65		4.95
Brownsville ‖	do				.08										.75	.05			.28	.05					.16	.23	T.		.13	.83	.77	3.33
Covington ‖	do		.48												.25				.45	.05				.30	.25	.04			.64	.05	1.56	4.07
Dyersburg ‖	do							T.							.90			.10	1.10	.30						.30	T.			T.	.30	3.00
Jackson	do			.33										.03	.84	T.		T.	1.08					T.	.01	.75	T.		.72	2.62	T.	6.38
Kenton	do													.68	.60			.18	1.20	.04						.13	.19		.86	.10	.63	4.61
Memphis	do	.13	.01											.26	.37	.01		.08	.32				.67	1.06	.29	.04	.75		T.	.40		4.39
Milan ‖	do		T.				T.								.22	.01		.42	.68	.02					T.	.31	.01	.01	T.	.20	.72	2.60
Trenton	do													1.17	.45		T.		.83							T.		T.	.43	.42		3.30
Union City	do						.10							.61	.05										.77	.05	.01		.12	.37	.06	2.14
Arkansas.																																
Alicia	White													.60	.65	.10		.95	2.01										.40	.95		5.66
Amity	Ouachita	2.50																2.10						1.50			.25	.20			2.80	9.35
Arkadelphia (near)	do	.93													.62				4.97			.07	.47	1.23	.09		.27					8.65
Arkansas City ‖	Mississippi																															
Batesville ‖	White						T.								1.40	.26			1.90	.02				.02	.08		.26	.24	.06	.32		4.56
Bee Branch	Arkansas		T.											1.00	.70	.55		1.25	2.25			.15		.70	.10	.15	.30			T.	1.15	8.30
Benton ‖	Ouachita														.70	1.07			1.95						.35				.39			4.46
Bentonville	Arkansas					1.02	.06			T.				.48	1.57	.78		1.66	.04			.23	.60	.18				T.		.03	.72	7.37
Bergman	White						.29							.12	.68	1.21		1.69	1.09				.09	.05		.33	.42		.07		.08	6.12
Black Rock ‖	do							.39							2.73	.10		.65	2.05	.12				.28	.02		.40	.13		.11		6.98
Brinkley ‖	do		.16				T.								T.	T.			1.28	1.82				.13	.98	.14		T.	.81		.16	5.48
Calico Rock ‖	do													.10	2.00	T.		1.40	2.00	.20			.25	1.00	T.		.25		.55		T.	7.75
Camden ‖	Ouachita		.30				.29								.55	.68			4.00	.11					.28			.21	.03			6.45
Centerpoint	Red	T.	T.										T.	.45				2.80	T.			T.	1.50	.80			.35	.10				6.00
Clarendon ‖	White		T.												.08	.41			2.00	.14					.84	.03	.07	.06	.02	.72	.16	4.53
Conway	Arkansas																															
Corning	White	T.				T.	.33			T.				.14	1.60		.03	2.19	1.11					T.			.03	.14	.01	.41	.33	6.32
Dardanelle ‖	Arkansas						.26							.20	.32	.36			2.00	.19				.40	.25		.69		1.00	.02		5.60
Dodd City	White						.25								*	1.35		*	1.91				.10			.08				T.		3.69
Dumas	Arkansas														.20				.30					.26		.10		.50	.47	.23	.34	2.40
Dutton	White													.36	1.00	.18		2.34	.36			T.	.70	.57			.20		.19		.81	6.71
Eldorado ‖	Ouachita		.44		.04		.04								.21	.52			.15	.35					.16	.02	T.	T.		T.	.97	2.90
England ‖	Arkansas	T.	.02		.12										.20	.30			3.70	.20						.64	.10	.25	.70		T.	6.23
Eureka Springs	White						1.48								.76	2.42	.24	1.58	.81			.14	.27	.22							.11	8.03
Fayetteville	do						.29							.07	.21		.02	1.45	.83			.11	.75	1.08							.40	5.21
Fordyce	Ouachita			.21	.68		.34								.78			2.65				.03		.50	.58			.08				5.85
Fort Smith	Arkansas	T.				.13	.97							.09	.27			2.84	.05				.32	.56			T.	.11	T.	.01	.04	5.39
Frazier's Turnpike	do															.10			2.35					.10		1.35		T.				3.90
Fulton ‖	Red		.76												.40			2.25									.40	.86	.50			5.17
Hardy	White	.43												.75	.91	.06	T.	2.75	.80				T.	T.		.14	.36	.40	.05	.01	T.	6.66
Helena ‖	Mississippi		.10						T.						.28	.20			.60	.32					.30	.30		.80			.60	3.50
Hot Springs	Ouachita	.78	.30											.13	.51	1.05			2.29					.32	.09		.33		1.26		.03	7.09
Huttig	do	1.15		.35	.52	.07									.30			.28	.01					.05						.83	.08	3.64
Jonesboro	White	.52												.22	.22	.04	.42	1.41						.66	.05			.61		.07		4.22
Junction	Ouachita	.72			.38	.70							T.		.46				T.	T.							T.			2.02		4.28
Lake Farm	Arkansas														.30				1.70						.70		.39		T.	.18		3.27
Lewisville	Red	1.10			T.									T.					2.03					.13			.06			T.		3.32
Little Rock	Arkansas	.20													.21	.10	T.	1.40	1.10			T.	T.	.44	.04	.06	.02	.07	.20	T.		3.84
Lutherville	do	.30					.75							.16	.26	.12		3.85	1.38				.05	.91	.04	.07	.05	.71	.18		.71	9.54
Malvern ‖	Ouachita		.30												.31	.45			2.35	.20				.47	.50		.17	.10	.47	T.		5.32
Mammoth Spring	White	.13					.11							.15	1.40	.04		1.93	.90				.40	.05		.37	.17		.06		.08	5.85
Mena	Ouachita													.21	.14			.75	1.75			.07	1.60	.13			.97	.17	.16	.12		6.07
Newport ‖	White		.06												1.25	.07			2.15	.07				.32	.20		.10	.47	.03	.63		5.35
Ozark	Arkansas																															
Pine Bluff ‖	do				.10										.10				2.30	.20			.30	.90			.05		.73			4.68
Pocahontas	White						.32							.55	1.90			1.90	.75				.80			.15		.80				7.22
Pond	Arkansas	.06					.38			T.				T.	T.	1.96	1.09		2.13			.47	.96	.13				T.		.50	.85	8.47
Portland ‖	Ouachita		1.98	.02												.24			.07	.26						.07		.06	.16		.51	3.37
Prescott ‖	do		.68											.11	.60	T.			2.40	.11				.04	.40		.44		.34			5.12
Rogers	Arkansas						.76								.30	1.58	.73	1.63	.42			.03	.82	1.16				.16			1.53	9.12
Springbank ‖	Red		.78	.18	.02	.30								T.	.13	.13			2.58	.64					.15		.33	.19			1.08	5.91
Stuttgart	Arkansas	T.		.06											.35	.26		.02	2.03					.44	.21	.33	T.		.11	.02	.28	4.05
Subiaco	do						.51						.05	.21		T.		3.54	1.30		.06	.03	.26	.64	.08	.17	.48	.05	T.		.30	7.74
Swain	White	.41													.38	.58		2.16	1.40					1.72		.15			.31	.04		7.09
Texarkana ‖	Red	T.	.55		.15										.15				2.20	T.					.02		.20				.63	3.90
Warren ‖	Ouachita		.35												.23	.46			.76	.11					.36		.11	.09	1.50		.30	4.27
Whiteclifts ‖	Red													T.	1.50	.10		T.	1.65		.10						.25	.30	.42			4.32
Wiggs	Ouachita	.60	.24	T.										.08	.64	.32		.11	1.87				.57	.68	.15	.31	.19	T.	T.	.05	2.05	7.86
Wynne ‖	St. Francis		.86												.55	.09			2.51	1.06				.14	.63	.35		.21	.08		.81	7.29
Mississippi.																																
Anguilla	Yazoo	.20	.50	1.00	.05	T.	.05							.05	.05			T.	.50	T.					.45		.07	.90	.07	1.10	.01	5.00
Austin	do	.46		.05										T.	.75	.20		T.	.67					.04	.98	.11	.21	.03	.04	.62	1.96	6.12
Batesville ‖	do		.14		.54											.05				.73					.28	.90	.37	.15	.05	1.07		4.28
Big Creek	do	.15		.96	T.		T.							T.	T.	T.			1.00	T.				.92	.60	T.	.04	T.	T.	T.	.84	4.51
Byhalia	do																															
Canton	Big Black	T.	.54	.27	.02	.50	.06	.19							.03			.08	.65					.03	1.48	.13	.01	1.13	.09	.26	.22	5.69
Charleston	Yazoo	.47		.30										T.	.10				.55						.28	.07	.06		.40	.28		2.51
Clarksdale ‖	do		.97		.65		.35	.02							.06	.10			.24	1.64					.77	.45		.11		.03	.09	5.48
Cleveland	do	.67	.02		.04										T.	.19			1.11			.06						.24	.26		.75	3.34
Coffeeville	do																															
Corinth ‖	Mississippi		.60	.03											.30	.26				.72					.20	.55	T.	.50		.30	T.	3.46
Crensha ‖	Yazoo	.48		.25											.56	.13		.05	.70					.13	.40	.34	.44			.26	.08	3.82
Denmark	do																															
Duck Hill	do	.17	.33	.17	.05	.20	T.							T.	T.	T.			.41	T.				T.	.53	.10	.20	T.	.23	.43	.30	3.12
Edwards	Big Black	.10		.90	.30	.30	.05	.10			T.		.65	.10	T.	T.	T.	T.	.05	.05	T.				.85	T.		.60	.50	.15	T.	4.70
Enid	Yazoo																															
Fayette	Mississippi	.17	.09	.30	.31	T.	.12							.84					.17	.13					.73		.58			.95	.09	4.48
Greenville ‖	Yazoo		1.15	.03	.05	T.		T.								.25				.54					.32	T.		.28	.05		.16	2.83
Greenwood ‖	do		.06	.02	.22		.12	.13							.08	.06				.45						.98	.20		.08	.21	.29	2.90
Grenada	do																															
Hernando ‖	do				T.										.67	.10	T.		.22	.21					.70	.20	T.	.30		.15	.05	2.60
Hickory Flat	do																															
Holly Springs ‖	do		.38		.07										.27	.11			.15	1.20					.35	.07	.02	.06		.15		2.83

TABLE 2.—*Daily precipitation for June, 1912. District No. 7*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total.
Mississippi—Contd.																																
Kosciusko ‖	Big Black		.21	.15	.23	.01	.02	.29							.10	.34				.44	.01				.55	.32	.01	.12	.35	.16	1.67	4.98
Lake Cormorant	Yazoo																															
Lula	do																															
Malone	do			.20										.02	.06	.07		.02	1.14				.02	.02	.41		.06	T.	.75	.20	T.	2.97
Marks	do																															
Natchez ‖	Mississippi				.47	.50	.15	.11						.88						.70					1.23	T.					.58	4.62
New Albany	Yazoo																															
Pontotoc	do	.30	.42	.75	.50	.50								T.				T.	.40					.50	.75	T.	1.00		.98	.50	1.00	7.60
Port Gibson ‖	Mississippi	.03	.15	.03	.22	.20	.11	.40				.08		.31		T.		T.	T.	.35	T.				.91	.15		.78		T.	.07	3.79
Rosedale	Yazoo		.30	.05											.08	.05			.05	1.20					.20	.05	.05			.30		2.33
Senatobia	do	.60		.08										.36	.54	.12			2.25							.29	.21		.60		.50	5.55
Shoccoe	Big Black		.70	.43	T.	.71	T.	.82					T	.60	.10	T.		T.		T.				T.	1.73			.39	T.	1.28	T.	6.76
Suffolk	Mississippi	.09	.35	.05	.23	.52	.03						.08	2.00		.04		T.	.29						.35		.54		.45	1.18	.05	6.25
Swan Lake ‖	Yazoo			.70										.15					.62	.05	.11	.08	.82	.06				.24		.07	.42	3.22
Tchula	do		T.	T.	T.	T.	.50							.39	T.	T.	T.	T.	.83	T.				T.	.96	.17	.16	.42		.90	.12	4.45
University	do																															
Utica	Mississippi	.22	1.00	1.04	.10	.30	.06				.19		.36	.65	T.			T.	.24					T.	1.02	.02		.12	T.	.26	.05	5.63
Vicksburg	do	.19	.02	.37	.09	T.	.47				.01		.13	.01			T.		.18	T.					.87		.12	T.	.04	.03	T.	2.53
Water Valley	Yazoo	T.	T.	T.	.15	T.								T.	.10	.25			.70					1.25	.40	.50	.65	T.	.55	T.	.20	4.75
Woodville	Mississippi		1.13	.02	.24		.64	.02					T.	2.60		T.				.62					.35					.78	1.00	7.40
Yazoo City ‖	Yazoo		.15	.13	.20	.10	T.	.83						T.	.03	T.				.94	.05				.52	.10	.11	T.	.26	T.	.66	4.08
Louisiana.																																
Abbeville	Coast	.35	1.15	.05	1.90	.57	.01							3.80													.12	.10	.02		1.10	9.17
Alexandria ‖	Red		T.	.43	2.25	T.							T.	.68						.31					.56	.15		T.		.30	T.	4.68
Amite ‖	Coast	1.80		1.00	.12	.70	1.00	.35					T.	2.50	1.50		1.65			.25									T.	1.05		11.92
Antioch	Red		.07		.17								.60		.96			.02	.12						.15					2.66		4.75
Avoca Island	Coast	.30	3.50	.05	1.00	.15	.20						.60	3.70			T.												.70	.27		10.47
Baton Rouge ‖	do		.18	.34	.25	.58		.03					T.	3.25	.20														.86			5.69
Burnside	do	.05	1.22	.20	.50	.55					T.		T.	3.80		.05													T.	.40	.01	6.78
Burrwood	do			.34	1.20	1.30	.40	.37		T.	.50	.30								.30										.63	.40	5.74
Cades	do		1.00	.05	.40	.27	.26	.14					1.38	4.02	T.	T.	T.										T.	.15	T.	.08	2.16	9.91
Calhoun	Ouachita	.20		.10	T.		.16						T.		.06			T.						T.	.40		.20	.05	T.	.42	.26	1.85
Cameron	Coast		.95	.56	.51	.08	.20						.15														T.				1.87	4.32
Carrollton	do																															
Cheneyville ‖	Red		1.75	.05	.90	.35	.10							.40						.56					.25	.28					1.03	5.67
Cinclare	Coast	.05	.45	.40	.15		.05					.04	3.90														.10	T.			.60	5.74
Clinton ‖	do	.24	.02	.13	.17	.60	.52					T.		2.55	.07					.26						.04				.01		4.61
Collinston	Ouachita	.32		1.42	.06	.02		.02					.05		.15				T.	T.					.42		.02	T.		.80		3.28
Columbia	Red																															
Covington ‖	Coast		.48	.03		.20		.12						2.40	T.														.30		.53	4.12
Dodson	Red	T.		.08		T.																			.36					.13	.30	0.87
Donaldsonville ‖	Coast		.15	4.35	.45	1.35	.53	T.				T.		5.37	T.													T.		.68	.55	13.43
Dutchtown	do	.11	.35	.31	.80	.11	T.							3.50	T.	T.	T.	T.	T.											.51	.40	6.09
Farmerville ‖	Ouachita	.80	.17	.37	.64								.15		.08									.42			.65		.27	.34		3.89
Ferriday	do				.80	1.32	.40													.82					1.25					.50		5.09
Franklin ‖	Coast		.38	.82	2.50	.05	.10						.34	6.75	.06	.02		T.								T.			.05	.33	T.	11.46
Franklinton	Pearl		.30	.31	.02	.30	T.	T.			T.	T.	T.	1.50	.50			T.								.02		.27	.20		T.	3.42
Grand Cane	Red		.45			.13										.33			.12		.04				.25						.10	1.42
Grand Coteau	Coast	.57	1.75			.12	.22						.12	1.25			T.								T.			.85		T.	.10	4.98
Hammond	do	T.	.50	.55	.55									3.35																.28	T.	5.23
Houma	do	.15	1.00	1.60	.40	1.05					.05	.10	1.20	.05																1.10		6.70
Jena	Red	1.50	.87		.15									.15											.76		.12			1.40		4.95
Jennings ‖	Coast	.37	1.34	.25	1.06		1.28							.65														.24		.34	.16	5.69
Laark	Red	3.45	.20	.10		.20																		.04			.15	.05	.15			4.34
Lafayette ‖	Coast	.01	.11	.75	.60	.03	.90	.83					.20	2.55														.80	.14		.08	7.00
Lake Charles ‖	do	.63		.32	.33	.44	2.80							1.53															.25	1.45	.45	8.26
Lakeside	do	.40		1.80	.30	1.80							.66															2.78	1.31	.42	2.47	11.94
La Rose (near)	do																															
Lawrence ‖	do		.10	.53	.75	.65	.85	3.23			.03	.28	.04	.02	.01																1.60	8.09
Leesville	Sabine																															
Liberty Hill ‖	Red	.34	.11																					.43	.57		.38	.11	.10	T.	2.05	4.09
Logansport	Sabine		.89										.87			.05			.24					.35			.23		T.		.10	2.81
Melville ‖	Red	.48	.04	.03	.12	.50	.15	.20					T.	1.70	T.	T.		T.		.15						.30		.08	T.	T.		3.75
Merryville	Sabine																															
Minden ‖	Red		1.25		T.	.09								.06		.05			.07	.02	T.				.17	.02		.10	.07		.11	2.01
Monroe ‖	Ouachita			.82	.22			.02								.89									.50			.34		.20		2.99
Morgan City	Coast			2.97	.66	.29	.26	.05					.40	1.83	.25														.21	.68		7.60
Newellton	Mississippi	*	*	*	*	*	*	*	*				.31	T.				.32	T.								T.	.66	1.84	.14		3.27
New Iberia	Coast	T.	.95	.25	.55	.05	.40				.17		.90	6.00	T.	T.	T.	T.	T.	T.	T.						T.	T.	T.	T.	1.05	10.32
New Orleans (1)	do	1.37	.01	T.	.46	.23	.15	.07		T.	.04	.27	.08	.62		T.	T.												.05	.75	.01	4.11
New Orleans (2)	do		.11	.02	.33	.14	.08	.01			.07	.10	.12	.75																1.17		2.90
New Orleans (3)	do	.10	.05	.48	.42	.32	.02					.15	.11	.67															.11	.77		3.20
New Orleans (5)	do	.04	.05		.50	.06	.14	.02			.08	.09	.17	.76																.99		2.90
New Orleans (6)	do	1.08			.58	.28	.15	.02			.03	.23	.07	.72															.06	.79		4.01
New Orleans (7)	do	1.48	.02		.42	.14	.05	.01			.09	.21		.72															.01	.60		3.75
New Orleans (8)	do	.67			.51	.26	.09				.04	.19		.55																.83		3.14
Opelousas ‖	do	.74	1.48	.09	.23	.09	.41	.40					T.	1.61														1.14				6.19
Paradis	do	.08		.57	1.85	.02								1.10																2.40		6.12
Pearl River	do	T.	.08	.16	.18	1.94	.02	.12	.12			.02	T.	.60	1.10		.14						T.					.34	.02	T.	.46	5.30
Plain Dealing	Red	.40		.05											.47		.02	4.22						T.	T.		.14	.10		1.94		7.34
Rayne ‖	Coast		.70	.50	.70	.10	.80	.10					.15	1.70	T.		T.	T.		T.								1.00	.75		T.	6.50
Reserve	do				.03	1.22	.14						.09	1.67	.14															.31	.68	4.28
Richland Plantation	Red		.30	.88	1.20	.20	.01	.13				.13		.12			.01	.03	T.	.23					.42			T.	T.	.25	.03	3.94
Robeline ‖	do	.60	.10											.40						.10					.53						.35	2.08
Ruston	Ouachita	1.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.50	1.00							3.00
St. Francisville ‖	Mississippi	1.90	.19											3.21																	1.19	6.49
Schriever ‖	Coast		.62	1.01	2.03	.24	.16	.19			T.	T.	T.	3.40	.12															.71	.39	8.87
Shreveport	Red	1.78	.06	.07	.01		T.						.19		.05				1.51	.01				.02			.03			.06		3.79
Simmesport	do	T.	.13	.03		.92	.03	T.						1.35	T.					.39						.54				.41	.68	4.48
Southern University Farm.	Coast	.25	.20	.10	.12	.38	.22	.02				.10	.70	.55																1.30		3.94
Sugartown	do	.40	.43		.38	1.20																			.20					.72		3.33
Tallulah ‖	Mississippi		.12	.22	.40		.53	.13												.42					.95	.05		.52	.21	1.24	.27	5.12
Walker	Coast	.01	.48	1.70			.90						4.32	.13														1.13	.60			9.27
Winnsboro	Red																															

* 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 June, 1912. District No. 7, Lower Mississippi Valley.*

Date.	Colorado.						New Mexico.				Texas.				Kansas.										Oklahoma.			
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris.§§		Dodge City.		Ellenwood.		Iola.		Liberal.		Wichita.		Ardmore.§§		Bartlesville.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	84	40	58	28	75	41	79	50	73	38	77	47	89	63	77	46	78	48	74	57	80	45	77	55	70	64	78	62
2....	93	47	65	32	86	50	82	47	84	43	90	54	85	62	86	54	88	48	84	50	90	50	81	57	89	56	86	52
3....	91	49	67	39	89	52	75	45	87	49	95	56	87	65	91	61	94	63	87	60	99	60	90	60	95	64	91	55
4....	89	55	66	35	80	54	82	47	83	47	89	60	91	67	85	58	83	56	83	59	92	59	82	61	95	65	91	55
5....	99	56	68	38	91	53	85	45	82	47	92	61	94	67	96	65	98	61	90	61	98	54	91	66	95	68	93	65
6....	88	51	66	36	67	49	79	48	71	51	84	57	88	69	65	55	77	58	74	57	85	58	72	59	92	69	76	63
7....	90	50	59	36	71	49	72	49	73	50	76	55	82	65	70	53	76	54	75	56	76	51	74	57	88	64	76	59
8....	91	51	56	39	83	53	82	53	78	52	84	61	86	62	73	56	70	53	68	57	90	57	68	59	90	62	78	59
9....	90	60	62	32	80	56	79	52	77	47	89	59	87	60	77	57	75	53	64	54	88	56	74	54	90	66	79	60
10....	90	59	64	30	85	50	84	51	73	45	86	61	85	63	80	60	81	59	83	60	82	61	78	60	93	65	87	61
11....	81	60	60	34	68	54	62	51	66	47	79	60	82	66	79	61	87	59	86	59	94	61	85	63	93	67	88	61
12....	80	58	60	30	76	50	68	51	73	42	78	58	90	66	76	61	76	62	87	63	79	60	83	65	96	64	89	62
13....	92	54	56	32	81	48	78	52	75	44	88	58	96	69	83	60	87	60	78	65	88	58	83	64	102	66	85	64
14....	88	55	50	34	84	55	88	55	80	42	89	60	89	61	84	60	90	65	86	65	88	56	88	67	106	70	93	65
15....	89	55	50	32	73	54	89	56	82	44	92	57	94	69	81	57	85	62	84	69	84	56	88	68	104	76	93	71
16....	75	55	54	25	67	51	88	49	74	45	78	58	94	75	74	57	77	59	74	64	78	58	76	67	102	78	92	70
17....	60	45	45	30	51	37	68	52	58	39	67	45	87	76	61	48	69	47	64	52	70	46	68	49	79	65	70	66
18....	69	42	50	20	64	37	69	42	61	33	66	41	68	61	70	45	72	47	67	51	70	46	71	52	68	55	70	54
19....	78	45	56	25	72	45	78	41	65	40	75	47	79	54	73	49	73	46	74	50	79	49	74	55	82	52	81	52
20....	84	48	61	28	79	49	82	47	76	41	86	52	86	56	80	52	85	48	79	51	82	51	82	56	86	58	84	54
21....	85	55	65	31	80	52	84	52	76	47	84	56	86	61	83	57	87	53	83	59	86	54	86	61	89	63	88	61
22....	79	55	63	33	70	55	82	49	70	47	80	58	88	64	64	56	78	55	74	56	77	59	67	59	87	65	73	60
23....	79	59	63	38	74	54	78	48	68	48	71	58	76	65	73	56	77	50	79	60	74	57	77	57	76	65	81	61
24....	88	55	65	34	82	53	82	49	75	47	81	53	82	60	77	55	82	54	82	59	79	53	78	58	82	59	83	56
25....	89	56	68	33	84	57	86	53	79	49	89	57	88	61	84	59	90	56	85	59	90	60	83	61	85	60	88	58
26....	93	55	70	35	84	52	82	50	79	50	90	61	89	62	88	62	94	56	88	59	91	57	87	64	90	55	88	62
27....	94	53	68	38	87	55	86	53	81	49	89	61	90	64	86	64	93	60	90	61	89	60	89	67	92	63	90	62
28....	95	59	68	35	88	58	88	52	82	48	92	60	86	65	86	63	94	61	90	64	90	60	91	70	93	68	90	65
29....	96	62	68	38	89	63	90	52	81	47	95	64	91	67	88	63	93	62	89	64	92	61	89	70	93	66	92	67
30....	94	60	60	37	91	60	92	53	82	49	95	63	90	68	80	66	92	63	85	65	90	67	89	67	95	70	92	67
Mns..	86.3	53.5	61.0	32.9	78.4	51.5	80.6	49.8	75.5	45.6	84.3	56.6	86.9	64.4	79.0	57.2	83.4	55.9	80.2	58.9	85.0	56.0	80.7	60.9	89.9	64.6	84.8	61.0

Date.	Oklahoma.														Missouri.										Blandville, 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....	87	64	86	65	83	56	76	64	76	58	76	54	78	58	90	65	87	54	73	62	84	55	79	59	84	65	90	60
2....	89	51	86	59	93	51	80	55	84	55	90	44	87	50	86	66	80	54	83	50	78	43	78	52	76	63	85	69
3....	95	60	90	64	97	57	88	72	90	61	99	57	96	62	82	62	84	48	87	59	83	51	83	58	79	60	90	62
4....	93	60	93	66	96	62	91	65	90	66	89	58	92	60	90	65	83	60	85	61	83	55	80	61	81	63	91	66
5....	96	64	95	68	98	66	90	68	93	68	96	66	95	67	93	66	82	63	89	64	80	52	82	60	82	62	91	63
6....	78	66	93	66	89	70	89	74	80	66	80	65	89	62	86	68	77	60	76	61	76	61	72	59	78	64	87	68
7....	79	58	84	61	85	58	81	58	78	60	80	58	77	55	80	59	74	51	76	55	75	54	70	53	73	56	80	60
8....	88	57	85	59	92	59	82	59	83	61	89	57	83	57	80	57	71	48	74	56	71	50	70	53	70	53	80	54
9....	89	59	89	61	90	62	79	64	84	65	89	66	86	59	82	58	75	51	72	52	74	54	67	59	76	56	.....	.....
10....	81	61	91	62	87	65	87	57	87	67	91	64	86	61	84	64	80	54	84	61	80	53	79	61	79	61	82	56
11....	91	60	92	63	86	60	90	63	87	67	95	64	88	59	87	58	82	47	87	59	83	53	83	61	80	60	85	51
12....	91	63	94	62	81	68	88	64	89	64	90	67	78	64	91	59	87	50	89	62	85	57	84	64	84	59	91	56
13....	92	62	93	62	95	63	91	63	91	64	93	62	92	59	82	66	82	56	83	66	81	65	82	65	83	63	88	62
14....	93	64	95	66	101	62	93	67	98	69	95	64	93	59	83	66	81	63	87	65	81	63	84	63	80	66	82	66
15....	94	66	98	75	102	65	95	73	104	76	100	64	89	61	88	73	84	62	88	78	85	59	85	66	83	63	89	70
16....	94	67	98	77	101	68	91	77	96	64	98	67	82	63	88	76	82	74	89	71	84	69	83	62	85	76	91	73
17....	71	65	95	66	70	67	88	63	71	53	71	62	75	51	85	69	77	63	68	63	79	63	71	54	83	67	90	74
18....	72	51	69	55	71	52	68	55	68	53	70	50	72	48	76	63	61	56	66	52	72	56	59	52	71	58	87	66
19....	81	50	82	52	82	50	81	56	78	56	83	50	83	47	76	59	72	49	75	49	72	46	69	49	72	55	76	60
20....	88	54	86	58	88	56	84	56	83	60	86	56	88	49	82	54	80	48	79	52	81	64	75	54	77	55	82	62
21....	91	58	88	63	90	58	86	61	84	63	88	60	90	58	86	57	79	50	83	57	81	46	79	57	79	60	86	56
22....	74	60	85	61	87	63	79	70	73	63	82	60	73	62	85	64	76	53	78	56	78	43	72	58	77	60	86	60
23....	78	58	76	62	76	58	70	62	72	60	75	59	77	58	76	65	79	47	79	60	75	54	74	62	76	62	78	66
24....	82	60	81	60	81	56	80	63	78	57	80	54	80	50	83	63	82	50	84	58	82	55	79	59	78	62	72	64
25....	86	57	86	62	90	58	85	75	82	64	83	55	87	61	72	62	83	51	87	61	83	57	82	62	69	62	74	62
26....	90	58	88	63	89	62	87	69	85	64	89	60	93	61	85	62	84	59	89	62	84	62	83	66	79	61	80	61
27....	91	59	88	62	90	62	87	65	85	66	88	60	91	60	85	62	85	58	90	63	84	62	83	66	81	62	84	60
28....	93	61	88	63	90	63	87	68	88	68	92	61	92	58	85	64	83	58	88	65	85	59	84	64	79	65	83	64
29....	91	65	92	65	94	65	89	66	89	69	93	66	93	64	83	64	84	61	88	65	82	62	82	63	80	66	83	64
30....	92	64	90	68	92	70	90	58	85	70	95	66	87	66	85	66	80	62	85	64	81	61	78	63	79	67	84	63
Mns..	87.0	60.1	88.5	63.2	88.8	61.3	85.2	64.3	84.4	63.2	87.8	59.9	85.7	58.0	83.9	63.4	79.9	55.3	82.0	60.3	80.1	56.1	77.7	59.5	78.4	61.7	*84.4	*62.7

TABLE 3.—*Maximum and minimum temperatures at selected stations for June, 1912. District No. 7*—Continued.

Date.	Tennessee.				Arkansas.																		Mississippi.					
	Kenton.		Memphis.		Bentonville.		Corning.		Dardanelle.§§		El Dorado.§§		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....	88	60	84	70	82	59	88	64	86	64	88	68	80	67	81	70	82	62	85	69	83	65	83	66	90	62	93	67
2....	80	64	80	68	80	52	84	61	85	67	79	64	85	61	92	66	84	61	86	64	89	60	81	68	84	68	84	66
3....	84	59	82	69	85	54	84	59	89	59	85	62	91	60	85	66	86	65	89	66	90	66	84	67	86	68	85	71
4....	86	64	87	68	86	60	85	65	92	60	86	69	93	68	89	69	89	68	91	67	91	69	86	68	88	68	85	70
5....	88	61	90	69	90	61	85	63	92	62	89	68	92	70	89	69	86	68	92	69	88	67	89	69	90	68	92	72
6....	81	66	84	69	74	57	85	65	88	66	89	68	86	63	88	68	80	68	95	67	79	59	91	70	91	68	93	78
7....	76	56	78	63	74	57	76	58	85	58	82	66	80	61	80	63	83	56	90	65	79	55	81	66	76	64	84	69
8....	76	52	77	61	74	53	74	52	86	60	81	55	79	60	77	58	83	59	88	63	83	57	80	57	76	54	84	59
9....	82	53	82	59	74	60	78	56	84	60	83	56	81	65	81	59	84	59	86	59	83	61	82	57	78	54	86	59
10....	84	58	83	64	81	60	81	59	87	66	84	61	85	64	83	62	64	60	87	60	87	60	83	59	82	57	86	61
11....	85	60	85	64	84	57	84	53	88	61	87	63	87	64	84	65	86	63	90	64	89	62	83	60	84	58	89	63
12....	88	64	88	68	85	59	88	56	91	64	88	70	88	65	85	65	87	63	91	64	89	63	86	62	88	60	91	68
13....	87	60	83	71	84	62	86	64	84	66	92	69	90	65	88	71	87	70	95	67	92	68	91	70	86	66	89	71
14....	83	64	82	64	86	63	81	61	88	67	81	67	90	69	84	67	87	68	89	65	96	66	84	73	86	67	83	74
15....	86	66	88	74	89	67	87	73	91	66	90	69	95	71	90	73	91	70	92	67	92	73	90	72	90	66	91	71
16....	89	75	90	78	88	68	88	78	96	68	91	77	94	81	88	77	91	78	94	69	92	77	92	73	90	74	94	78
17....	84	68	83	76	80	55	88	66	82	66	91	77	83	65	87	68	86	77	93	70	85	72	91	78	90	76	94	77
18....	80	63	79	63	63	52	77	61	81	67	82	71	66	59	72	62	86	70	87	67	78	61	86	70	88	74	91	75
19....	74	57	73	61	75	49	74	58	76	56	76	62	78	54	75	59	79	60	88	57	77	59	77	62	74	60	75	64
20....	79	53	80	63	78	51	79	56	79	58	83	52	82	58	80	65	84	59	85	58	82	56	83	56	80	54	84	60
21....	82	56	82	68	80	57	82	59	81	57	87	61	82	61	83	64	75	58	89	60	85	56	86	58	86	56	89	60
22....	82	61	82	66	73	60	82	61	81	61	87	61	79	62	79	66	70	60	90	62	85	61	89	61	86	60	90	65
23....	75	68	71	62	68	56	75	63	81	61	76	64	71	63	70	62	68	60	78	67	69	64	76	63	82	64	87	65
24....	74	63	71	62	79	55	80	60	81	61	79	63	82	59	79	62	80	62	84	64	71	62	71	62	68	62	77	64
25....	73	62	74	63	83	58	78	58	81	60	86	62	87	63	83	64	85	60	89	60	79	60	80	62	76	61	83	62
26....	75	60	72	63	84	62	83	61	84	62	84	64	87	65	80	64	84	62	87	61	80	63	79	62	82	63	84	67
27....	85	59	82	64	84	62	83	63	81	63	84	62	88	65	80	66	78	63	86	62	82	61	82	64	83	62	84	62
28....	83	64	79	67	83	61	82	64	81	64	86	61	86	65	79	65	82	62	87	64	81	64	83	65	82	63	87	64
29....	81	64	83	65	82	62	83	65	81	66	86	64	83	66	83	66	86	66	90	65	84	73	85	65	80	66	85	66
30....	81	63	80	66	84	61	78	66	84	62	87	64	88	68	79	67	85	66	87	65	85	62	86	67	82	66	89	68
Mns..	81.7	61.4	81.1	66.3	80.4	58.3	81.9	61.3	84.9	62.6	85.0	64.7	84.6	64.2	82.1	65.6	83.3	64.1	88.7	64.2	84.2	63.4	84.1	65.1	83.5	64.0	86.9	66.9

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.....	92	66	92	67	88	68	92	70	89	69	89	72	92	71	95	68	89	71	89	72	91	70	95	71	86	67
2.....	89	66	88	66	85	67	87	67	86	72	91	68	93	71	90	70	85	69	89	73	90	68	94	68	80	67
3.....	86	68	88	70	83	69	90	70	83	68	90	70	87	69	81	64	86	69	89	73	88	67	93	66	82	70
4.....	86	68	80	69	83	70	86	70	82	69	79	70	85	70	81	62	88	71	78	71	85	69	78	70	81	69
5.....	89	68	86	70	88	72	90	72	86	70	91	71	87	70	80	66	90	72	84	73	87	70	87	69	87	69
6.....	88	68	88	70	88	70	94	72	87	69	85	71	92	69	91	65	94	71	78	73	91	68	87	71	90	69
7.....	80	66	84	71	81	68	88	70	84	67	89	72	83	71	87	66	87	69	85	72	85	70	89	73	82	68
8.....	80	55	82	60	81	63	87	60	83	60	86	65	82	64	84	62	86	62	82	69	84	55	86	66	81	61
9.....	81	57	82	62	80	63	86	60	86	60	85	65	83	66	85	60	88	62	75	68	85	55	86	67	84	61
10.....	81	59	80	63	76	63	87	66	80	66	80	66	83	69	83	61	86	62	73	66	87	59	78	66	84	63
11.....	84	61	80	62	82	66	87	67	81	67	80	67	84	69	84	66	89	65	73	66	87	60	82	68	86	66
12.....	86	62	87	60	84	70	89	70	83	69	85	70	86	70	83	65	90	67	83	73	85	68	91	69	82	71
13.....	80	69	87	69	85	72	94	71	84	70	84	72	87	72	90	66	92	73	84	74	94	70	86	73	90	71
14.....	88	65	90	71	88	73	93	74	85	70	89	72	90	73	88	71	86	74	86	75	94	70	89	73	90	74
15.....	91	69	91	75	89	76	91	73	86	72	90	76	92	76	91	72	89	68	88	77	95	75	90	77	92	78
16.....	93	76	92	77	90	78	96	76	89	74	92	78	94	78	90	74	92	77	88	78	96	74	91	76	92	77
17.....	93	74	93	76	90	77	92	77	90	75	93	78	94	77	91	73	91	71	90	78	95	76	92	76	92	76
18.....	89	74	90	73	87	70	94	76	89	76	93	78	89	74	89	71	88	75	90	78	87	75	98	74	78	65
19.....	72	64	75	66	72	65	80	67	87	73	91	71	81	69	87	65	76	65	86	72	73	65	92	74	72	62
20.....	83	57	78	60	82	63	87	58	78	63	83	67	76	66	84	62	85	58	76	70	87	51	79	68	84	59
21.....	85	58	86	61	85	66	90	59	86	61	90	65	87	64	88	58	91	60	84	72	91	53	89	68	87	66
22.....	90	59	88	60	87	67	93	62	90	65	93	63	91	64	86	61	90	65	88	71	93	58	95	63	88	66
23.....	89	60	91	62	86	69	95	72	93	65	95	63	91	67	85	62	93	64	90	74	90	60	96	67	80	67
24.....	74	63	87	60	74	64	83	66	80	64	89	65	82	68	86	60	82	65	83	72	80	63	95	66	78	65
25.....	79	61	85	59	80	64	90	60	85	62	89	64	86	62	91	59	88	62	84	69	87	53	89	62	85	64
26.....	82	61	85	60	80	65	89	60	88	65	89	61	89	64	92	60	84	64	85	71	88	58	92	65	85	67
27.....	87	61	84	60	79	64	86	64	89	69	88	65	85	65	91	63	83	64	83	74	90	60	92	69	85	64
28.....	83	62	87	58	81	64	90	60	88	72	87	66	85	66	93	63	87	65	86	74	90	60	92	69	87	66
29.....	73	63	87	62	82	69	84	67	86	69	82	69	84	69	91	64	88	67	77	69	90	63	91	69	88	68
30.....	85	65	89	70	83	69	89	68	87	68	87	71	85	71	83	66	92	66	83	73	93	66	91	69	89	67
Mns.....	84.6	64.2	86.1	65.6	83.3	68.1	89.3	67.5	85.7	68.0	87.8	69.0	86.8	69.1	87.3	64.8	87.8	67.1	83.6	72.3	88.6	64.3	89.5	69.4	84.9	67.4

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