Climatological Data for October, 1910.

DISTRICT No. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Warm weather prevailed generally during the first and second decades of the month, with maximum temperatures ranging from 80° to 90°, except in the Colorado and New Mexico areas. The third decade opened with a cool period which continued until the 23d, giving light frosts southward into northern Louisiana and Mississippi, and freezing temperatures in northwestern Texas. From the 24th to 26th temperature conditions were moderate, but on the 27th a decided cold wave overspread the district, giving killing frosts and freezing temperatures nearly to the Gulf coast.

Periods of precipitation were well defined, generally. In the Colorado area there was a period of general precipitation from the 14th to 20th, and light amounts occurred from the 2d to 5th and on the 26th and 27th. In the New Mexico area light scattered precipitation occurred on the 2d and 3d and 10th and 11th; from the 16th to 20th a period of general precipitation occurred, the amounts being heavy to excessive in some localities, and on the 27th there was light precipitation. Over the remainder of the district there were four well-defined periods of precipitation, as follows: 1st to 7th, 10th to 13th, 18th to 21st, 26th to 28th. To the west of the 93d meridian precipitation was generally light and it was below the normal at nearly all stations, while to the eastward heavy precipitation occurred and the amounts were generally above the normal. Weather conditions during the month were favorable for outdoor occupations, except that in the northeastern portion of the district excessive rains interfered, at times, with farming, building, and transportation interests.

TEMPERATURE.

Mean temperatures for the month were from 0.8° to 4.3° above the normal, except over north-central and southwestern Oklahoma and southwestern Arkansas, where there was a deficiency ranging from 0.1° to 0.4°. The maximum temperature reached, or exceeded, 90° in all States or areas and 95°, or higher, were recorded in many localities. The highest temperatures were experienced in Oklahoma, Arkansas, and in the Kansas and Texas areas, where they were above 96° at many stations during the first decade of the month. The highest temperature recorded was 100° at Sheridan Lake, Colo., Enid and Erick, Okla., and at Liberty Hill, La. Minimum temperatures for the month were generally below freezing, except on the immediate Gulf coast, where they were near 40°. In the mountainous portions of the Colorado and New Mexico areas the lowest temperatures were zero, or slightly below, and temperatures below 20° occurred quite generally in Oklahoma, Arkansas, and in the Missouri and Kansas areas. The lowest temperature recorded was −4°, at Lake Moraine, Colo., and a minimum temperature of zero was recorded at Elizabethtown, N. Mex. Freezing temperatures occurred nearly to the Gulf coast in Louisiana near the close of the month, and in many portions of the district the minimum temperatures recorded during this cold wave were the lowest of record for the month of October.

Monthly mean temperatures and departures from the normal for the various States and parts of States are reported as follows: Colorado area, 50.8°, +2.5°; New Mexico area, 54.1°, +1.3°; Texas area, 61.9°, +1.7°; Kansas area, 60.0°, +2.4°; Oklahoma, 62.9°, +1.3°; Missouri area, 60.2°, +1.9°; Tennessee area, 62.0°, +2.1°; Arkansas, 62.9°, +0.7°; Mississippi area, 65.6°, +2.0°; Louisiana, 69.1°, +1.8°.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—Very little precipitation occurred over this drainage area, except in Arkansas and northeastern Oklahoma, where the amounts were generally excessive. The amounts of precipitation and the departures from the normal for the several portions of this area differ materially. Over the headwaters of the Arkansas River in Colorado the average from 31 stations was 0.89 inch, being about 0.4 inch below the normal. The precipitation was somewhat heavier over those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma, where the amounts from 39 stations averaged 1.10 inch, being about 1.4 inch below the normal. The average from 18 stations in the Cimarron Valley was 0.63 inch and the deficiency was 1.4 inch. The precipitation from 57 stations in the Canadian Valley averaged 0.83 inch, which is about half the normal amount. Over that part of the valley which lies in Oklahoma the deficiency averaged about 1.4 inch. The precipitation was uniformly light over the Verdigris Valley, where the amounts from 10 stations averaged 0.96 inch and the deficiency was about 1.8 inch. The amounts from 18 stations in the Neosho Valley averaged 1.64 inch, being about 0.9 inch below the normal. Heavy precipitation occurred generally over that portion of the Arkansas Valley below the Oklahoma-Arkansas line, there being more than 6 inches at 4 stations and 1 station reported more than 11 inches. The average for 13 stations was 5.25 inches, being about 2.4 inches above the normal.

Red River and tributaries.—Over the portions of this drainage area that lie in New Mexico, Texas, and Oklahoma the precipitation was generally light and unevenly distributed, the average from 39 stations being 0.98 inch, about 1.5 inch below the normal. Below the Texas-Arkansas line the precipitation was heavier, but evenly distributed, one station reporting less than 1 inch and two stations more than 5 inches. The average from 16 stations was 2.73 inches, being 0.2 inch above the normal.

Mississippi south of St. Louis and small tributaries.—More than the normal precipitation occurred over this drainage area, except in southeastern Arkansas and at a few stations in Louisiana. However, the amounts and departures from the normal for the several valleys differ materially. In the immediate Mississippi Valley the amounts from 45 stations averaged 6.18 inches, being about 3.9 inches above the normal. More than 10 inches occurred at 7 stations and 1 station reported more than 16 inches. Over the Valley of the Meramec the precipitation averaged about 1 inch above the normal. Heavy precipitation occurred generally over the Valley of the White, six stations reporting more than 7 inches, and one station more than 10 inches. The average from 21 stations was 5.66 inches, being about 3.2 inches above the normal. Uniformly heavy precipitation occurred throughout the Yazoo Valley, the average from 31 stations being 4.40 inches, about 2.8 inches above the normal. Over the Valley of the Big Black the precipitation averaged 4.14 inches, being about 1.7 inch above the normal. The precipitation was unevenly distributed over the Ouachita Valley, the amounts ranging from less than 1 inch to more than 6 inches. The average from 19 stations was 2.91 inches, being 0.2 inch below normal.

Louisiana coastal plain.—Heavy precipitation occurred over this area, except that in scattered localities the amounts were below the normal. The average from 29 stations was 3.23 inches, being about 0.8 inch above the normal.

Monthly precipitation and departures from the normal for the various States and parts of States are reported as follows: Colorado area, 0.86, −0.45; New Mexico area, 0.65, −0.40; Texas area, 0.79, −1.50; Kansas area, 0.68, −1.64; Oklahoma, 1.33, −1.24; Missouri area, 5.22, +2.81; Tennessee area, 7.30, +4.78; Arkansas, 5.19, +2.23; Mississippi area, 4.14, +1.92; Louisiana, 3.14, +0.43.

SNOWFALL.

General snows occurred over the mountainous portions of the Colorado and New Mexico areas. The amounts ranged from 1 to 20 inches at ordinary elevations, while on the higher peaks and passes from 3 to 4 feet occurred. The snow, however, melted rapidly and at the close of the month it remained only on the more elevated peaks. A light amount of snow occurred near the close of the month in the Missouri and Tennessee areas. The average snowfall (in inches) for the various States and areas, derived from the records of such stations as reported snow, is as follows: Colorado area (25 stations), 7.2; New Mexico area (28 stations), 1.7; Texas area (9 stations), 0.8; Kansas area (16 stations), 0.2; Oklahoma (9 stations), 0.1; Missouri area (8 stations), trace; Tennessee area (11 stations), trace; Arkansas (2 stations), trace; Mississippi area (1 station), trace.

RIVERS.

In Oklahoma all streams were low during the month.

Low water continued in the Red River and changes were unusually slight, except for a small rise at Fulton during the second decade.

No material changes occurred in the upper Arkansas and tributaries. In Kansas, the channel of the Arkansas above the mouth of the Little Arkansas was dry from the 8th to the close of the month. Notwithstanding the heavy rains in Arkansas, the Arkansas River in that State was not navigable during the greater part of the month, and on the 31st the zero was reached at Little Rock, being the lowest recorded in 31 years.

Heavy rains in the White River Valley caused a rise of 8 to 16 feet in the upper White between the 3d and 8th, and 17.6 feet in the lower White between the 3d and 18th, but low stages prevailed at the close of the month.

Only slight changes occurred in the Ouachita, the extreme range for the month at Camden being 2 feet.

Below St. Louis the Mississippi was rising during the first half of the month at Memphis. The crest of the rise passed Memphis on the 13th, stage 20.5; Helena, on the 15th, stage 24.9; Arkansas City, on the 16th, stage 27.8; Vicksburg, on the 19th, stage 23.9; and Natchez, Baton Rouge, and New Orleans, on the 21st, with stages 23.5, 15.0, and 7.3, respectively. A steady fall was in progress at the close of the month.

NOTES.

Colorado (F. H. Brandenburg, Section Director).—Over the greater portion of the area embraced in District No. 7, in Colorado, the month was notably warm and dry, especially at stations located in the plains region. In some localities temperatures were as high as, or higher than, any previously recorded for the month of October and the precipitation was considerably less than usual at stations from Pueblo eastward to the Colorado-Kansas line.

Texas (B. Bunnemeyer, Section Director).—Light snow occurred in the Panhandle on the 20th, the greatest amount being 2.5 inches at Texline.

Kansas (T. B. Jennings, Section Director).—Killing frost, the first of the season, occurred on the 6th in the Arkansas Valley eastward to Garden City and in the remainder of the Arkansas Valley proper on the 21st; in the Cottonwood, Neosho, and Verdigris Valleys on the 22d, except in the border counties in the Verdigris and Neosho valleys, where it occurred on the 28th. The mild dry weather was beneficial to securing late crops, but rain is needed for wheat, pasture, and for water for stock.

Oklahoma (J. P. Slaughter, Section Director).—Clear, dry, and pleasant weather prevailed most of the month. The rainfall was exceptionally light, only a little more than 50 per cent of the normal. With two exceptions, this has been the driest October of which there is record.

Weather conditions were favorable for the maturing and picking of cotton, but generally unfavorable for winter wheat, a large acreage of which was sown on comparatively dry soil and has not had sufficient moisture to sprout the seed. Winter pasturage promises to be short, especially in the northwestern counties.

Missouri (George Reeder, Section Director).—Heavy rains occurred from the 3d to 6th. In the southeastern counties the greatest amount in 24 hours was more than 5 inches and almost 10 inches occurred in less than 48 hours. Large areas were flooded and some localities were overflowed that were never known previously to be in such condition. Bridges on the smaller streams and crops in the bottoms were damaged to some extent. Trains were delayed from 6 to 15 hours, or more.

Arkansas (H. F. Alciatore, Section Director).—Killing frost, or freezing temperatures, occurred at scattered places on the 22d and were quite general over the State on the 28th and 29th. Temperatures of freezing, or lower, were recorded in many counties on the 30th. The first killing frost occurred from 3 to 17 days earlier than usual.

Mississippi (J. H. Scott, Section Director).—Heavy frost formed over the northern half of the State on the 22d; on the 29th and 30th killing frost occurred nearly, or quite, to the coast, thin ice being observed at Biloxi, and temperatures of 25° to 28° being recorded at nearly all interior stations.

Work was begun on a drainage canal to be constructed by the city of Greenwood, Miss., and intended primarily for city drainage. About 1,500 acres of land in Leflore County, adjacent to the city, will be benefited by it, 800 acres of which will be reclaimed from a swampy condition and will become fine farming land. One of the owners of this land will bear $2,500 of the expense; the remainder will be borne by the city. The contract price for digging the canal is $12,500, with an additional $8,000 for concrete lining. A pumping station will be maintained to empty the canal during high stages of the river.

Louisiana.—Light frost occurred nearly to the Gulf coast and heavy to killing frosts, with freezing temperatures, were reported from the central and northern portions of the State on a few dates near the close of the month.

TABLE 1.—*Climatological data for October, 1910. District No. 7, Lower Mississippi Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days		
Colorado.																				
Blaine	Baca	3,935	18	58.8	+ 3.8	93	8	15	28	52	0.00	− 0.75	0.00	0.0	0	20	7	4	w.	M. M. Myers.
Buena Vista	Chaffee	7,955	10	44.0		79	10	15	21†	49	0.11		0.08	T.	3				w.	C. A. Short.
Calhan	El Paso	6,700	3	50.8		80	9†	10	28	44a	0.04		0.03	T.	2	23	6	2	se.	H. B. Rice.
Canon City	Fremont	5,329	22	54.6	+ 1.2	89	9	21	28†	55	0.28	− 0.53	0.11	1.5	3	25	4	2	n.	G. C. Sherwood.
Colorado Springs	El Paso	6,098	30	50.8	+ 2.4	80	1†	14	28	44	0.12	− 0.55	0.06	T.	2	27	1	3		Colorado College.
Cripple Creek	Teller	9,396	9								1.59	− 0.70	0.90	9.0	4					F. G. Willis.
Cuchara Camps	Huerfano	8,200									3.62		1.65	19.0	7	25	3	3	sw.	Geo. A. Mayes.
Eads	Kiowa	4,209	3																	W. H. Lauck.
Fairview	Custer	9,500	1																	Elizabeth L. Gray.
Florence	Fremont	5,185	1																	W. G. Fish.
Fremont	El Paso	8,850		44.0		72	9	5	20	39	0.86		0.31	2.4	6	22	5	4	w.	U. S. Forest Service.
Garfield	Chaffee	9,510									2.02		0.81	20.0	6	23	5	3		Lloyd N. Felton.
Glen Eyrie	El Paso	6,500	18	51.1	+ 2.9	85	4†	10	28	57	0.00	− 0.90	0.00	0.0	0	22	7	2		Calixto Bertolotti.
Hamps	Elbert	5,400	17	50.8	+ 3.7	83	9†	6	28	50	T.	− 0.61	T.	T.	0	25	2	4	s.	W. Hamp.
Hermit Lake	Custer	10,000																		John E. Graham.
Hoehne (near)	Las Animas	5,700	18	55.8	+ 4.1	98	16	21	20	56a	0.66	− 0.34	0.21	T.	4				sw.	S. W. DeBusk.
Holly	Prowers	3,380	15	57.6	+ 1.2	95	8	12	28	62	0.00	− 0.60	0.00	0.0	0	28	3	0	se.	Holly Sugar Co.
Lake Moraine	El Paso	10,265	16	40.6	+ 3.3	71	10	− 4	20	40	1.62	− 0.13	0.40	10.8	7	14	13	4	sw.	Clyde C. Mc Reynolds.
Lamar	Prowers	3,592	20	60.0	+ 4.8	95	3	15	28	57	0.00	− 1.01	0.00	0.0	0	26	3	2		J. T. Lawless.
Las Animas	Bent	3,899	42	56.7	+ 3.7	93	1	14	28	58	0.42	− 0.31	0.42	0.0	1	20	5	6	se.	F. M. Tague.
La Veta Pass	Costilla	9,000									2.57		2.23	24.5	3	21	6	4	e.	Norman R. Lively.
Leadville	Lake	10,248	14	38.8	+ 1.7	74	8	4	20	42	0.98	+ 0.10	0.59	4.3	7	20	7	4	n.	U. S. Weather Bureau.
Limon (near)	Elbert	5,360	3	53.3		87	10	6	28	52	T.		T.	0.0	0					John Lesher.
Madrid	Las Animas										1.06		0.55	2.5	3					Thos. Sawyers.
Marshall Pass	Saguache	10,846	7								0.36		0.14	8.5	3	20	3	3	w.	W. D. Lillard.
North Lake	Las Animas	8,700									1.52		0.55	14.5	5	24	4	3	nw.	James W. Ingmire.
Pueblo	Pueblo	4,734	22	54.6	+ 2.3	88	7	18	28	56	0.06	− 0.65	0.03	0.9	2	21	8	2	nw.	U. S. Weather Bureau.
Rocky Ford (near)	Otero	4,177	21	56.4	+ 3.6	90	1†	13	28	30	T.	− 0.90	T.	T.	0	25	2	4	w.	P. K. Blinn.
St. Elmo	Chaffee	9,500									1.51		0.53	6.5	7	19	6	6	sw.	Daniel Clark.
Salida	do	7,035	12	46.4	− 0.7	84	9	13	28	60	0.90	− 0.21	0.60	4.0	2	26	3	2	w.	M. D. L. Buell.
Sheridan Lake	Kiowa	4,065	9	57.4		100	10	11	28	63	0.00		0.00	0.0	0	31	0	0	sw.	Howard Gamble.
Stonewall	Las Animas	8,000	4								1.33		0.58	7.0	4	21	8	2		J. W. Shouse.
Trinidad	do	5,994	14								1.41	+ 0.28	0.45	3.5	4					Mrs. Mattie Butler.
Victor (near)	Teller	10,100	6	47.2		77	9	13	20	32	1.13		0.61	7.0	2	24	5	2	e.	Fred Jones.
Vilas	Baca	3,935	19								T.	− 0.77	T.	0.0	0	11	18	2	nw.	Carrie Konkel.
Westcliffe	Custer	7,864	16	45.7	+ 2.0	82	9	1	21	59	1.13	− 0.12	0.78	6.0	3	13	6	6	nw.	Zack Jordan.
Winfield	Chaffee	9,765									1.46		0.83	4.0	8				sw.	John G. Payne.
Wortman	Lake	11,250	9								0.86		0.35	9.0	3	4	26	1	nw.	Geo. C. Wortman.
New Mexico.																				
Abbott	Mora	5,771	1			84	4†	20	29		0.69		0.56	0.3	3	26	2	3	s.	El Paso & Southwest. R. R.
Albert	Union	4,700	19	53.2	+ 1.2	90	4†	29	21	45	0.86	− 0.08	0.75	0.0	2	22	6	3	w.	Andrew Knell.
Arch (near)	Roosevelt	4,634	1	50.7		85	1	15	28	46a	0.68		0.48	0.0	2	25	0	6	s.	Wm. A. Elliott.
Aurora	Colfax	8,849	1								1.06		0.50	6.0	6	8	21	2	nw.	Miss Juanita Lucero.
Bell Ranch	San Miguel	4,500	11	57.6		90	4	23	21	54	0.44	− 0.34	0.35	0.0	3	25	3	3	s.	C. M. O'Donel.
Black Lake	Colfax	8,348	1								0.78		0.40	0.0	4	17	10	4	w.	Ralph T. Martinez.
Cabeza	San Miguel	5,406	1								0.20		0.10	T.	2	20	9	2	se.	El Paso & Southwest. R. R.
Campana	do	4,493	1								0.18		0.15	T.	2	20	3	8	w.	Do.
Chacon	Mora	9,000	1								0.89		0.89	4.5	2	9	19	3	w.	Alfredo Lucero.
Cimarron (near)	Colfax	6,385	6	51.8		84	7†	20	21	55	1.66		1.37	0.8	3	17	8	6	s.	Wm. French.
Clayton	Union	5,178	5																	Dr. W. W. Chilton.
Clovis	Curry	4,129																		A. Mendenhall.
Cuervo	Guadaloupe	4,849	1	60.2		87	1	26	28	44	0.37		0.30	0.0	3	25	0	6	s.	El Paso & Southwestern R.
Dawson	Colfax	6,396	1								0.93		0.68	8.0	2	14	14	3		Do.
Dorsey (near)	do	6,000	7	52.2		85	7	20	21	50	0.43		0.25	0.0	2	22	6	3	sw.	Geo. T. Lambert.
Elizabethtown	do	8,465	4	41.2		79	9	0	21	59	1.03		0.55	8.0	3	22	8	1	nw.	Miss Mabel Carrington.
Folsom	Union	6,399	10	52.0	+ 2.4	87	7	18	21	48	0.63	− 0.46	0.27	4.8	4	26	2	3	sw.	David Rope.
Fort Union	Mora	6,835	50	49.7	− 0.9	81	7	18	29	52	0.47	− 0.59	0.20	T.	3	26	0	5	nw.	M. C. Needham.
Hayden	Union	4,444	1																	Geo. L. Cook.
Johnsons Park	Colfax	6,722	1								0.40		0.40	T.	1	17	11	3	sw.	A. J. Meloche, jr.
Kappus	Quay	4,000									0.04		0.04	1.0	1					Anthony Kappus.
Lake Alice	do	7,160	1								1.01		0.41	3.0	3					Raton Water Co.
Logan	Quay	3,851	4	60.8e		91	1	22	21	52e	0.24		0.16	T.	2	25	3	3	sw.	John B. Reneau.
Los Alamos	San Miguel	6,789	5								1.30		0.72	1.0	3					Wm. Frank, sr.
Lykins (near)	Roosevelt	5,000									0.73		0.48	0.8	3	23	7	1	sw.	J. G. Buchanan.
Maxwell (near)	Colfax	5,894	3								0.74		0.60		2					D. N. Jackson.
Melrose	Curry	4,400	2								0.64		0.42	T.	3					Dr. B. M. Porter.
Miami Ranch	Colfax	6,000	2	51.8		85	7	14	20	51	1.47		1.03	1.5	3	27	2	2	sw.	Farmers' Devel. Co.
Montoya	Quay	4,335	1								0.54		0.41	0.0	2	2	25	4	w.	El Paso & Southwest. R. R.
Mount Dora (near)	Union	5,600				84	8†	30	21†		0.13		0.10	1.0	2	24	4	3	sw.	Edward F. Grygla.
Nara Visa	Quay	4,225	4	60.1		90	1	25	21	52	0.13		0.08	1.0	3	23	2	6	s.	Willard Belknap
Optimo (near)	Mora	6,400																		R. K. Odell.
Pasamonte	Union										T.		T.	T.	0	27	3	1	w.	J. J. Heringa.
Raton	Colfax	6,660	12	53.1	+ 2.0	86	7†	18	21	49	0.46	− 0.22	0.42	0.0	2	28	1	2	w.	Prof. R. C. Crum.
Roctada	San Miguel	8,200	6																	Jose A. Baca.
Rosebud	Union	4,500																		M. T. Nix.
Roy	Mora	5,884	1								0.92		0.70	0.2	2	3	26	2	sw.	El Paso & Southwest R. R.
San Jon	Quay	4,200	3	59.6		90	1†	26	22†	45	0.23		0.10	T.	3	25	2	4	sw.	Jesse T. White.
Solano (1)	Mora	5,622	1	55.2		85	4†	21	20	43	0.91		0.71	0.2	3	23	5	3	sw.	F. M. Hughes.
Springer	Colfax	5,857	14	53.0	+ 2.0	93	7	23	6†	55	0.20	− 0.63	0.10	3.0	3	30	1	0	w.	Atchison, Topeka & S. F. R.
Taylor	do	5,661									1.35		0.50	0.5	4	11	20	0	s.	El Paso & Southwest. R. R.
Trementina	San Miguel	5,000	2								0.95		0.75	0.0	3	19	5	7	s.	Miss Alice Blake.
Tucumcari (1)	Quay	4,194	5	60.8		89	1†	29	20†	43	0.45		0.37	2.0	3	26	4	1	sw.	John F. Seaman.
Valley	Union	5,000	5																	Mrs. M. Letitia Payne.
Vermejo Park	Colfax	7,600	5	49.9		78	8†	22	22	46	0.08		0.08	1.0	1	13	8	10	e.	H. W. Adams.
Wagon Mound (near)	Mora	6,300	1	49.6		83	7	18	29	55	1.27		0.98	1.0	3	25	3	3	sw.	Guy L. Barnes.
Texas.																				
Amarillo	Potter	3,676	18	60.4	+ 4.3	94	4	28	28	45	0.26	− 1.45	0.24	1.6	3	23	7	1	s.	U. S. Weather Bureau.
Archer City	Archer										1.92		0.73	0.0	4	25	3	3	n.	Chas. H. Thuman.
Arthur City	Lamar	590	18								0.40		0.40	0.0	1	24	0	7		J. B. Wheeler.
Bonham	Fannin	566	7																	B. S. Lovelace.
Canadian	Hemphill	2,339	3	62.8		93	1	26	28	49a	1.79		1.30	1.0	4	24	4	3	s.	Canadian Academy.
Childress	Childress	1,869	17																	W. E. Davis.
Chillicothe	Hardeman	1,406	2								1.30		0.80	0.0	2					A. B. Connor.
Clarendon	Donley	2,719	5	63.2		94	1	24	28	50	0.41		0.19	T.	3	26	2	3	se.	J. B. McClelland.
Clarksville	Red River	442	18	64.6I		94	13	26	29	49I	0.60	− 2.57	0.41	0.0	2	15I	1I	3I		J. W. O'Neill.
Claude	Armstrong	3,397	5								0.02		0.02	T.	1					Ft. Worth & Denver Cy. Ry.
Dalhart §	Dallam	3,998	5	56.4		91	1	18	28	54	0.00		0.00	0.0	0	27	2	2	sw.	F. L. Kennard.

TABLE 1.—*Climatological data for October, 1910. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	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, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Texas—Cont'd.																				
Denison	Grayson		2								0.84		0.72	0.0	3	16	9	6	n.	J. B. Gibson.
Finley	Bowie										1.30		0.50	0.0	4	21	3	7	n.	Mrs. M. C. Myers.
Henrietta	Clay	915	18	64.9	− 0.4	98	1	32	29	50[a]	1.54	− 0.56	1.35	0.0	2	18	5	8	s.	C. K. Brown.
Hereford	Deaf Smith	3,750	5																	A. C. Elliott.
Lewis Ferry	Bowie		1								1.50		1.50	0.0	1	19	6	6		P. G. Ruff.
Memphis	Hall	2,067	5	61.2		96	1	28	28†	40	0.66		0.41	0.0	2	23	3	5		Ft. Worth & Denver City Ry.
Miami	Roberts	2,743	4	61.8		95	1	25	28	45	2.12		1.98	T.	3	23	4	4	s.	J. E. Kinney.
Mobeetie	Wheeler		16																	R. A. Choate.
Nazareth	Castro		4			94	1				0.33		0.21	T.	2	28	0	3	sw.	Rev. P. A. Kaelin.
Ochiltree	Ochiltree		2																	S. J. Allen.
Pampa	Gray	3,226	1	61.4		95	13	20	28	54	0.90		0.75	0.0	2					B. E. Finley.
Paris	Lamar	592	21	66.8	+ 1.2	96	1†	26	29	44	0.67	− 1.65	0.38	0.0	7	16	5	10	s.	Robert A. Miller.
Plemons	Hutchinson		3	59.9		95	1†	16	28	53	0.03		0.03	0.0	1	26	1	4	se.	C. S. Solomon.
Quanah	Hardeman	1,563	5	63.6		96	1	29	28	37	0.35		0.35	0.0	1	23	2	6	s.	Wm. H. Crawford.
Ringo Crossing	*Hopkins*										1.14		0.70	0.0	3	20	0	11	sw.	H. J. Palmer.
Romero	Hartley			59.0		90	4	27	21†	53	0.04		0.04	0.5	1	23	3	5	sw.	R. S. Chamberlain.
Sherman	Grayson	745	17	66.0	+ 0.2	91	1	31	28	37	0.74	− 2.58	0.63	0.0	2	18	10	3	s.	R. A. Gibbs.
Sulphur Springs	Hopkins	530	18																	O. M. Pate.
Texline	Dallam	4,694	5					21	22		0.25		0.25	2.5	1	25	3	3		Ft. Worth & Denver City Ry.
Tulia	Swisher	3,501	12	60.4		98	8	18	28	54	0.70	− 1.26	0.46	1.5	3	20	9	2	sw.	Lou Mulhall.
Winfield	Titus										0.68		0.29	0.0	4	19	10	2	se.	J. C. Bostick.
Kansas.																				
Alden	Rice	1,684									0.22		0.22	0.0	1				s.	Percy Torrey.
Anthony	Harper	1,329	13	62.3		96	1	24	28	46	0.06	− 2.21	0.05	0.0	2	18	10	3	sw.	R. H. Beebe.
Ashland	Clark	1,951	22	60.8	+ 2.6	97	1	20	29	55	0.25	− 1.63	0.19	0.0	2	20	9	2	s.	C. W. Carson.
Burlington	Coffey	1,010	17	60.2	+ 1.7	93	1	21	29	41	0.54	− 1.88	0.54		1	21	6	4	s.	O. E. Sanford.
Chanute	Neosho	940	6	60.8		91	1	20	29	45	1.46		1.30	0.0	2	22	4	5	s.	Chase W. Brown.
Cimarron	Gray	2,700	4	61.0		93	1†	15	28	53	1.25		1.15	0.5	2	18	11	2	s.	Fred Mallonee.
Coldwater	Comanche	2,090	13	62.3	+ 4.3	95	1	23	28	44	1.31	− 0.61	1.26	T.	2	21	7	3	s.	J. L. Stanley.
Columbus	Cherokee	898	20	60.0	+ 1.1	91	1	23	29	34	2.70	− 0.33	1.30	0.0	6	25	2	4	sw.	O. E. Skinner.
Coolidge	Hamilton	3,348	13	58.4	+ 5.1	97	8	11	28	60						22	5	4	se.	W. R. Padley.
Cottonwood Falls	Chase	1,234	6	59.8		92	1	17	29	46	1.14		0.80	0.0	3	23	4	4	s.	E. B. Greene.
Council Grove	Morris	1,234	1	58.8		93	1	18	29	45	0.50		0.50	T.	1	23	3	5	s.	Jas. Sharpe.
Cunningham	Kingman	1,680	26	61.7	+ 2.9	96	1	22	28	47	0.30	− 1.81	0.30	0.0	1	19	10	2	s.	W. H. Morton.
Dodge City	Ford	2,513	36	59.3	+ 4.6	92	8	22	28	47	0.34	− 1.06	0.16	0.3	3	23	6	2	se.	U. S. Weather Bureau.
El Dorado	Butler	1,291	8	60.1		91	1	21	29	42	0.33		0.23	0.0	3	23	5	3	s.	W. Y. Miller.
Ellinwood	Barton	1,790	35	61.6	+ 4.9	95	1	22	28	50	0.15	− 1.74	0.15	T.	1	18	11	2	s.	Martin Musil.
Emporia	Lyon	1,138	29	60.5	+ 3.1	93	1	23	29	41	0.90	− 1.81	0.63	0.0	2	23	4	4	s.	W. H. Boyles.
Eureka	Greenwood	1,412	14	60.6		95	1	17	29	46	0.45	− 2.60	0.45		1	21	8	2	s.	T. C. Peffer.
Fall River	...do	925	14	60.8	+ 1.7	94	1	20	29	44[b]	1.00	− 1.12	1.00	0.0	1	23	6	2	s.	J. McDaniel.
Fargo	Seward		1																	Ray Swink.
Fredonia	Wilson	864	7	62.2		94	1	22	29	41	1.47		1.30	0.0	3	22	2	7	se.	B. W. Holmes.
Garden City	Finney	2,836	21	58.6	+ 3.0	93	1	19	28	56	T.	− 1.08	T.	0.1	0	20	8	3	s.	B. F. Stocks.
Great Bend	Barton	1,850	1																	Isaac Pritchard.
Greensburg	Kiowa	2,235	3	60.2[d]		94	1	21	28	48[d]	0.43		0.35	1.0	2	23	2	2	s.	C. C. Raymond.
Grenola	Elk	1,110	23	59.9	+ 0.6	94	1	17	29	45	0.77	− 1.36	0.62	0.0	2	22	2	7	s.	R. M. Lawyer.
Howard	...do	1,112	3								0.94		0.90	0.0	2	23	4	4	sw.	J. W. Eby.
Hugoton	Stevens		6	59.4		96	1	12	28	64	0.07		0.07	0.2	1	26	5	0	s.	E. M. Anderson.
Hutchinson	Reno	1,535	20	60.8	+ 2.0	94	1	19	28	48	0.17	− 1.42	0.09	0.0	2	25	4	2	s.	E. S. Webster.
Independence	Montgomery	816	37	62.8	+ 2.6	95	1	20	29	47	1.50	− 1.44	1.15	0.0	6	20	3	8	s.	F. L. Kenoyer.
Iola	Allen	984	4	59.7	+ 2.8	90	1	23	29	37	1.14	− 1.13	1.10	0.0	3	20	7	4	s.	U. S. Weather Bureau.
Irene	Hamilton	3,440		57.7		94	1†	14	28	60	T.		T.	0.0	0	25	4	2	nw.	N. M. Herbig.
Jetmore	Hodgeman	2,268	9	59.9		95	1	16	28	54	0.98		0.92	T.	2	9	18	4	sw.	James Aiken.
Kingman	Kingman	1,504	2	61.2		95	1	22	21†	46	0.40		0.28	0.0	2	16	12	3	sw.	B. B. Anawalt.
La Crosse	Rush	2,061	8	58.9[d]		96	1†	20	21	55[d]	0.13		0.13	T.	1	20	5	2	sw.	Rodney Torrey.
Lakin	Kearney	2,993	20	56.2	+ 1.2	91	1	15	28	56	T.	− 0.93	T.	T.	0	22	9	0	s.	C. H. Longstreth.
Larned	Pawnee	2,090	25	61.6		98	1	21	28	49	0.70	− 0.79	0.70	0.0	1	20	8	3		H. H. Wolcott.
Lebo	Coffey	1,138	24	59.8	+ 2.5	89	1	24	29	36	0.35	− 2.37	0.35	0.0	1	23	4	4	s.	J. J. Bowman.
Le Roy	...do	990	1								0.62		0.40		2	25	0	6	s.	F. W. Schmitt.
Liberal	Seward	2,843	3	60.8		93	1†	19	28	51	0.11		0.11	1.0	1	24	1	6	se.	Dr. R. T. Nichols.
Macksville	Stafford	2,032	21	60.6	+ 4.3	95	1	22	28	46	0.42	− 1.77	0.36	T.	2	18	8	5	s.	Mrs. Nelia Poling.
McPherson	McPherson	1,495	21	60.6	+ 2.0	96	1	20	28	45	0.70	− 2.02	0.70	0.0	1	25	3	3	sw.	Ed. F. Haberlein.
Madison	Greenwood	1,074	9	58.8		93	1	16	29	48	0.32	− 2.65	0.32	0.0	1	19	8	4	se.	C. A. David.
Marion	Marion	1,310	17	60.0	+ 1.1	92	1	22	29	43	0.78	− 1.50	0.54	0.0	4	17	11	2	s.	Jerry Forney.
Medicine Lodge	Barber	1,259	17	61.2	+ 1.8	97	1	19	21	53	0.49	− 1.66	0.25	T.	2	24	6	1	s.	S. P. Garrison.
Medora	Reno	1,484	1																	M. L. Richenbrode.
Mount Hope	Sedgwick	1,410	13								0.44	− 1.76	0.31	0.0	2	23	5	3	s.	H. N. Renfrew.
Neosho Rapids	Lyon	1,092	5								0.50		0.25		2	22	1	8	s.	Susan P. Whipple.
Ness City	Ness	2,260	17																	J. K. Barnd.
Newton	Harvey	1,454	13	61.6	+ 2.3	94	1	23	28	45	0.40	− 2.57	0.28	0.0	2	25	4	2	s.	H. A. Brush.
Norwich	Kingman	1,496	14	62.6	+ 2.6	95	1	24	28	42	0.55	− 1.80	0.43	0.0	2	30	10	1	se.	N. I. Farris.
Oswego	Labette	899	16	61.4	+ 1.1	91	1	23	29	39	3.29	+ 0.25	2.54	0.0	5	19	8	4	sw.	Jas. M. Currigan.
Plains	Meade	2,766		60.0		93	1	22	28	51	1.18		1.00	T.	3	23	3	5		E. J. Henning.
Pratt	Pratt	1,950	15																	E. H. Ellsworth.
Rome	Sumner	1,218	24	61.1	+ 1.9	96	1	17	29	50	0.15	− 2.30	0.10	0.0	2	25	2	4	s.	D. M. Adams.
Sedan	Chautauqua	834	25	61.5	+ 1.7	96	1	20	29	43	1.54	− 1.04	1.19	0.0	5	22	6	3	s.	A. Y. Buckles.
Toronto	Woodson	1,040	13	61.8	+ 2.8	97	1	19	29	53	0.81	− 1.55	0.81	0.0	1	21	3	7	s.	M. A. Webb.
Ulysses	Grand	3,027	19	57.9[d]	+ 0.7	95	8	15	21†	57[d]	0.05	− 0.78	0.05	0.5	1	18	8	3	sw.	T. W. Marshall.
Walnut	Crawford	940	8	61.6		92	2	23	29	40	1.71		1.30		4	25	3	3	sw.	R. C. Harlan.
Wichita	Sedgwick	1,377	23	61.3	+ 2.5	93	1	26	28	38	0.52	− 1.78	0.44	0.0	3	19	8	4	se.	U. S. Weather Bureau
Winfield	Cowley	1,124	16	59.8	+ 0.4	90	1	21	29	43	0.17	− 2.22	0.17	0.0	1	21	7	3	s.	M. B. Light.
Yates Center	Woodson	1,068	31	60.4	+ 2.0	93	1	17	29	50	0.78	− 2.11	0.78		1	19	8	2	se.	J. W. Tipton.
Oklahoma.																				
Ada	Pontotoc	1,001	3								1.64		0.97	0.0	4					Dr. J. P. McKinley.
Alva	Woods	1,350	6	61.7[a]		90	24	25	28†	50	0.10		0.10	0.0	1				s.	L. W. Sandefur.
Apache	Caddo	1,255	1	63.7		97	1	26	28	46	1.40		0.54	0.0	6	27	2	2	s.	G. D. Teeter.
Arapaho	Custer	1,575	17								0.54	− 1.53	0.34	T.	2	23	0	2		Geo. E. Marsh.
Ardmore	Carter	872	9	65.6	+ 0.4	98	1†	28	29	44	1.15	− 2.19	0.95	0.0	3	23	3	5	n.	H. T. Nisbett.
Bartlesville	Washington	687	4	62.5		97	2	22	29	47	2.61		2.15	0.0	4	20	6	5	se.	Dr. A. P. Owens.
Beaver	Beaver	2,500	14	60.4	+ 2.6	95	1	22	28	48	0.47	− 0.97	0.20	T.	3	24	4	3	s.	W. C. Frazer.
Blackburn	Pawnee	800	6	63.6		99	1	22	29	49	2.04		1.21	0.0	4	25	5	1	se.	J. Landis.
Cache	Comanche	1,350	5	60.4		92	1	21	29	46	1.82		0.75	0.0	5	26	3	2	s.	Frank Rush.
Calvin	Hughes	713	6								1.15		0.87	0.0	5	22	0	9	s.	Thomas Purcell.
Chandler	Lincoln	865	6																	Chas. L. Tuttle.
Chattanooga	Comanche	1,150	5	65.2		96	1	30	28†	46	2.09		0.87	0.0	4	26	2	3	ne.	Squire Humble.
Chickasha	Grady	1,091	10																	J. C. Good.
Cloud Chief	Washita	1,400	10	65.4	+ 2.6	99	1	29	28†	51	0.63	− 1.38	0.45	0.0	2	23	7	1	se.	J. P. Stutzman.

TABLE 1.—*Climatological data for October, 1910. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	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, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Oklahoma—Cont'd.																				
Dacoma	Woods	1,337	13	61.0	+ 0.2	95	1	26	27	54	0.13	− 2.23	0.13	0.0	1	21	8	2	s.	R. H. Bruce.
Durant	Bryan	643	10	65.1	+ 1.8	97	14	25	30	49	0.72	− 3.27	0.60	0.0	3	22	3	6	n.	Nelson Houk.
Eldorado	Jackson	1,456	4	65.2	.....	96	1	26	28	47	0.62	.....	0.59	0.0	2	14	14	3	se.	T. W. Lanham.
El Reno	Canadian	1,400	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Pearl Maddox.
Enid	Garfield	1,269	11	61.6	.....	100	1	28	22†	50	0.83	.....	0.42	0.0	5	21	8	2	s.	Uri. B. Worcester.
Erick	Beckham	2,058	7	63.3[e]	.....	100	1	23	28	49	0.29	.....	0.25	0.0	2	20	3	2	s.	A. W. Hanes.
Fairland	Ottawa	839	11	62.5	+ 1.0	95	1	21	29	41	2.79	− 0.26	0.77	0.0	7	20	7	4	s.	C. W. Prior.
Fort Gibson	Muskogee	556	6	.....	.....	.....	.....	.....	.....	.....	2.22	.....	1.08	0.0	7	24	1	6	e.	John T. Welsh.
Frederick	Tillman	1,293	7	65.6	.....	96	1	26	28	43	1.75	.....	0.78	0.0	6	24	4	3	s.	B. B. Bradley.
Gage	Ellis	2,136	8	60.4	.....	97	1	22	28	59	1.07	.....	0.55	0.0	4	26	5	0	s.	C. H. Holmes.
Goodwell	Texas	3,300	....	58.9	.....	89	14	19	28	51	0.02	.....	0.02	0.2	1	27	2	2	s.	S. W. Black.
Guthrie	Logan	1,000	8	64.8	+ 1.9	98	1	23	29	47	0.80	− 1.97	0.45	0.0	3	17	11	3	s.	G. W. Derrick.
Guymon	Texas	3,133	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. L. Mordt.
Harrington	Roger Mills	2,200	7	62.6	.....	95	1	23	28	44	0.45	.....	0.33	0.0	2	24	5	2	sw.	T. Compton.
Hartshorne	Pittsburg	700	12	63.7	− 1.1	95	1	24	29	46	1.91	− 2.14	1.10	0.0	6	24	2	5	s.	Edward Glendenning.
Healdton	Carter	900	17	64.8	+ 1.5	98	14	20	29	52	1.03	− 1.85	0.96	0.0	2	24	6	1	s.	C. H. Heald.
Helena	Alfalfa	1,396	3	63.2	.....	95	1	26	21†	45	0.02	.....	0.02	0.0	1	23	7	1	s.	Frank Horsfall.
Hennessey	Kingfisher	1,166	16	65.3	+ 2.0	98	3	26	29	46	0.90	− 1.54	0.55	0.0	3	15	13	3	.....	W. W. Parks.
Hobart	Kiowa	1,396	7	64.0	.....	95	1	38	28	39	1.11	.....	0.87	T.	2	19	9	3	s.	Roy Benedict.
Holdenville	Hughes	900	10	63.3	+ 1.4	96	1	25	29†	47	1.06	− 1.65	0.91	0.0	2	29	0	2	s.	Miss M. Rutherford.
Hooker	Texas	2,999	5	59.8	.....	98	13	11	28	59	0.02	.....	0.02	0.2	1	24	2	5	s.	H. M. Kelley.
Hurley	Cimarron	3,600	2	56.6	.....	91	4†	21	21†	48	0.07	.....	0.05	0.2	2	17	11	3	n.	C. W. Meyers.
Idabel	McCurtain	474	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	M. L. Henderson.
Jefferson	Grant	1,062	17	61.0	+ 2.0	96	1	22	29	50	0.08	− 2.57	0.08	0.0	1	23	6	2	.....	T. E. Beck.
Kenton	Cimarron	4,000	11	57.4	+ 1.5	90	4†	17	28	60	0.03	− 0.89	0.03	T.	1	25	2	4	n.	L. A. Wikoff.
Kingfisher	Kingfisher	1,046	13	64.9	+ 2.0	98	1	25	29	50	0.72	− 2.55	0.36	0.0	3	20	9	2	s.	J. C. Cross.
McAlester	Pittsburg	698	18	66.2	.....	98	1	27	29	43	3.49	− 0.54	1.55	0.0	5	23	4	4	n.	Wm. Noble.
McComb	Pottawatomie	1,200	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jas. E. McNair.
Mangum	Greer	1,585	18	62.4	− 0.4	97	1	27	28	49	0.87	− 1.26	0.47	0.0	5	23	6	2	s.	M. J. Northcuff.
Marlow	Stephens	1,292	10	64.2	+ 1.4	95	1†	28	28†	44	3.42	+ 1.04	1.72	0.0	3	19	3	9	se.	W. B. Anthony.
Meeker	Lincoln	1,030	17	61.6	+ 0.4	98	1	23	30	48	1.85	− 1.29	0.80	0.0	3	26	1	4	s.	Dr. J. B. Baugh.
Muskogee	Muskogee	614	12	64.3	+ 2.0	94	1	21	29	43	1.77	− 1.75	1.10	0.0	4	23	2	6	se.	Prof. E. N. Collette.
Mutual	Woodward	.....	4	62.1	.....	97	1	30	28	50	0.31	.....	0.16	0.0	2	23	5	3	s.	Thos. Martin.
Neola	Caddo	1,500	5	60.6	.....	89	2†	27	28	44	1.09	.....	0.44	0.0	3	23	5	3	s.	R. N. Schooling.
Newkirk	Kay	1,149	14	65.4	+ 4.0	98	1	26	28	42	0.14	− 3.07	0.14	0.0	1	21	8	2	s.	P. H. Albright & Co.
Norman	Cleveland	1,171	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter H. Meier.
Oakwood	Dewey	1,854	....	61.2	.....	95	1	22	28	49	0.32	.....	0.24	T.	2	24	5	2	s.	Dr. F. P. Osborn.
Okeene	Blaine	1,194	7	63.4	.....	97	1	24	28	44	0.73	.....	0.46	0.0	2	24	6	1	s.	Dr. L. H. Murdoch.
Oklahoma	Oklahoma	1,247	21	62.8	+ 1.5	94	1	28	28	33	1.31	− 0.50	0.77	0.0	6	20	8	3	s.	U. S. Weather Bureau.
Okmulgee	Okmulgee	752	8	62.7[f]	.....	91	3	21	29	45	1.79	.....	1.00	0.0	2	.....	.....	.....	s.	J. L. Maynard.
Pauls Valley	Garvin	880	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. M. Foss.
Pawhuska	Osage	918	12	63.9	+ 3.6	97	1	25	29	41	2.62	− 1.34	1.72	0.0	4	20	7	4	s.	R. C. Block.
Perry	Noble	1,060	13	64.8	+ 2.7	96	1	26	28	44	1.57	− 1.89	1.20	0.0	3	21	8	2	s.	J. A. Douglas.
Ravia	Johnson	796	9	65.6	.....	97	1	23	29	45	0.93	.....	0.93	0.0	1	23	6	2	s.	R. G. Guptill.
Sac & Fox Agency	Lincoln	900	18	64.3	+ 2.8	95	1	27	29	38	1.77	− 1.23	0.85	0.0	3	25	2	4	sw.	D. B. Taylor.
Shawnee	Pottawatomie	1,041	10	61.9	0.0	96	1	26	29	43	2.45	− 0.33	1.31	0.0	5	21	3	7	s.	Neal R. Clark.
Snyder	Kiowa	1,356	4	65.4	.....	95	1	31	21†	44	0.93	.....	0.45	0.0	3	27	2	2	s.	Dr. W. C. Woodard.
Stillwater	Payne	880	18	60.8	− 0.1	95	1	25	29	43	1.33	− 1.64	0.66	0.0	5	23	3	5	nw.	J. M. Speidel.
Supply	Woodward	2,100	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. H. Trumbo.
Tulsa	Tulsa	700	22	63.9	.....	97	1	29	29†	45	2.25	+ 2.14	3.75	0.0	4	19	6	6	se.	William Hall.
Vinita	Craig	698	7	62.6	.....	96	1	20	29	44	1.98	.....	0.80	0.0	4	23	3	5	n.	C. E. Lahman.
Wagoner	Wagoner	588	14	62.4	− 0.4	95	1	23	29	40	2.01	− 1.30	0.75	0.0	6	.....	.....	.....	s.	S. L. Hatfield.
Waukomis	Garfield	1,258	14	62.7	− 0.3	98	1	23	29	45	0.95	− 1.94	0.60	0.0	4	21	8	2	s.	R. C. Shades.
Waurika	Jefferson	988	...	65.9	.....	96	1	29	29	42	1.06	.....	0.78	0.0	2	23	6	2	s.	B. A. Swindler.
Weatherford	Custer	1,639	9	62.8	+ 0.7	99	1	27	28	48	0.83	− 1.25	0.57	0.0	3	23	5	3	s.	M. D. Reed.
Webbers Falls	Muskogee	479	12	62.2	+ 0.6	94	1	22	29	44	6.50	+ 3.33	2.00	0.0	5	19	9	3	w.	B. D. Boulineau.
Whiteagle	Kay	945	5	61.0	.....	92	25	26	28	52	1.40	.....	1.40	0.0	1	23	7	1	s.	J. M. Dankwardt.
Woodward	Woodward	1,886	1	61.5	.....	95	1	20	28	50	0.38	.....	0.22	T.	5	27	2	2	s.	R. A. Boyle.
Missouri.																				
Belle	Maries	.....	18	59.8	− 0.1	87	1†	29	28	41	3.50	+ 1.21	1.80	0.0	3	18[c]	4[c]	6[c]	s.	A. J. Wofford.
Birchtree	Shannon	1,200	17	60.7	+ 2.8	90	1	19	29	36	4.66	+ 2.63	2.46	0.0	3	24	4	3	s.	V. H. Kirkendall.
Cape Girardeau	Cape Girardeau	305	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. L. Albert.
Caruthersville	Pemiscot	.....	20	62.4	+ 2.7	94	2	20	29	43	11.36	+ 9.15	4.15	T.	7	21	3	7	se.	H. E. Averill.
Dean	McDonald	.....	11	60.0	− 0.6	93	1	18	29	45	3.43	+ 0.73	1.45	0.0	6	22[d]	0[d]	5[d]	.....	H. E. Dean.
Doniphan	Ripley	440	6	59.0	.....	91	1	21	29	40	7.80	.....	4.33	0.0	6	23[a]	2[a]	5[a]	s.[a]	W. W. Martin.
Farmington	St. Francois	889	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Carrie Sneed.
Gano	Dent	.....	7	59.7	.....	91	1	21	29	41	4.43	.....	2.53	T.	5	22	4	5	s.	A. C. Leech.
Goodland	Iron	900	5	57.6	.....	90	1	16	29	48	4.34	.....	2.05	T.	3	21[a]	3[a]	6[a]	s.[a]	F. M. Adams.
Greensville	Wayne	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. G. Templeton.
Hollister	Taney	1,000	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. P. Chapman.
Ironton	Iron	925	32	57.6	+ 1.8	91	1	18	29	46	5.12	+ 2.45	2.30	T.	6	19	6	6	n.	W. H. Delano.
Jackson	Cape Girardeau	458	19	61.4	+ 4.7	94	1	22	29	42	7.98	+ 5.29	3.52	0.0	4	20	4	7	s.	L. M. Bean.
Joplin	Jasper	979	32	63.4	.....	90	1†	26	29	39	2.00	− 1.13	0.70	0.0	6	26	0	5	sw.	Miss E. Russum.
Koshkonong	Oregon	911	10	61.3	.....	90	1	25	29	34	4.33	+ 2.22	1.43	0.0	7	18	5	8	nw.	J. W. Hitt.
Lamar	Barton	964	30	61.0	+ 2.4	93	1	23	29	47	1.51	− 1.55	0.47	0.0	6	25	1	5	s.	E. H. Adams.
Marble Hill	Bollinger	420	19	59.1	+ 1.7	94	1	20	29	46	7.53	+ 5.40	3.20	0.0	5	20	7	4	s.	A. F. Hemdrix.
Mountaingrove	Wright	1,490	11	58.8	.....	86	1	21	29	30	3.57	+ 1.14	1.41	0.0	6	21	5	5	s.	Mo. Fruit Exp. Station.
Mount Vernon	Lawrence	1,480	34	61.0	+ 1.7	94	1	21	29	36	3.02	− 0.30	1.47	0.0	7	24	3	4	sw.	C. L. White.
Neosho	Newton	1,023	27	60.0	+ 0.8	91	1	19	29	42	2.89	− 0.29	0.70	0.0	9	24	4	3	sw.	W. O. Buck.
New Madrid	New Madrid	285	16	.....	.....	.....	.....	.....	.....	.....	14.03	+11.36	5.20	0.0	9	20	2	9	se.	Miss Josie Smith.
Oakfield	Franklin	793	18	60.9	+ 2.2	89	1	23	29	37	3.91	+ 1.46	2.72	T.	6	17	10	4	sw.	E. E. Steines.
Olden	Howell	1,246	20	60.6	+ 1.8	89	1	21	29	34	4.32	+ 1.97	2.42	T.	2	24	4	3	sw.	J. D. Evans.
Perryville	Perry	582	1	61.5	.....	89	19	28	27	35	6.15	.....	2.80	0.0	4	17	0	14	s.	Superintendent of Schools.
Rolla	Phelps	1,092	29	59.8	.....	88	1	20	29	34	2.35	.....	1.08	T.	7	23	3	5	sw.	Prof. P. J. Wilkins.
Sikeston	Scott	328	15	62.3	+ 2.9	93	1	28	29	38	12.02	+ 9.64	5.50	0.0	7	22	3	6	ne.	A. A. Harrison.
Springfield	Greene	1,350	22	59.4	+ 2.1	87	1	25	29	29	3.08	+ 0.28	1.78	0.0	8	18	8	5	s.	U. S. Weather Bureau.
Steelville	Crawford	746	14	58.8	.....	91	2	29	22	51	3.31	+ 1.13	1.48	T.	4	15	7	9	sw.	Edwin Pumphrey.
Kentucky.																				
Blandville	Ballard	445	30	61.4	+ 3.5	89	1†	26	29	32	11.15	+ 8.42	4.29	T.	8	20	5	6	sw.	E. W. Horr.
Lynnville	Graves	.....	9	62.2	.....	96	2	24	2	39	7.10	.....	.....	T.	6	22	0	9	s.	Wm. Scherffins.
Tennessee.																				
Arlington	Shelby	.....	28	61.0	+ 1.8	90	2	28	29	37	6.40	+ 4.25	3.20	T.	6	20	0	11	e.	A. T. B. Etheridge.
Bolivar	Hardeman	450	23	61.4	+ 2.2	90	2	27	29†	38	4.41	+ 1.87	3.11	T.	8	19	1	11	s.	Miss M. A. Smith.
Brownsville	Haywood	361	25	62.8	+ 3.6	90	1	29	29†	38	8.78	+ 6.45	6.19	T.	9	17	10	4	s.	Miss Hattie M. Moses.
Covington	Tipton	311	23	61.7	+ 1.7	88	2	28	29	32	10.47	+ 8.39	8.43	T.	9	20	0	11	n.	J. S. Ruffin.
Dyersburg	Dyer	310	27	62.2	+ 3.0	90	2	27	29†	39	9.17	+ 6.88	6.20	T.	6	23	0	8	ne.	Miss M. A. Sinclair.
Jackson	Madison	450	17	61.1	+ 0.9	93	1	21	29	43	4.25	+ 1.84	3.10	T.	7	14	8	9	se.	Prof. S. A. Robert.

TABLE 1.—*Climatological data for October, 1910. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	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, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Tennessee—Cont'd.																				
Kenton	Obion	325	8	63.8		96	1	24	29	36	8.83		4.00	T.	8	20	4	7	n.	G. S. Martin.
Memphis	Shelby	409	39	64.1	+ 1.6	90	2	28	29	26	6.85	+ 4.11	4.17	T.	8	18	7	6	s.	U. S. Weather Bureau.
Milan	Gibson	440	27	60.6	+ 1.8	91	2	21	30	39	7.03	+ 4.56	5.25	T.	10	19	1	11	s.	O. F. Cantwell.
Trenton	....do	345	27	61.4	+ 2.6	95	1	21	29	43	7.22	+ 4.51	6.00	T.	6	23	1	7	sw.	Prof. F. L. Dennison.
Union City	Obion	360	12	62.4	+ 1.4	92	1	25	29	39	6.93	+ 4.92	2.27	T.	6	20	6	5	nw.	J. B. Kinsey.
Arkansas.																				
Alicia	Lawrence		6	61.6		89	2	29	29	40	8.35		4.95	0.0	4	27	1	3	sw.	McCullough & Guelck.
Amity	Clark	250	18	64.2	+ 1.0	95	1	22	29	48	2.24	− 0.69	0.61	0.0	9	21	5	5	ne.	Prof. S. M. Samson.
Arkadelphia (near)	....do	250	3	65.7		91	1	27	29	36	5.79		1.81	0.0	8	26	1	4	sw.	J. A. Ross.
Arkansas City	Desha	145	27								3.60	+ 1.96	1.10	0.0	8					W. C. Blundell.
Batesville	Independence	271	11								7.76		4.32	0.0	7					Miss Lelia I. Teter.
Bee Branch	Van Buren		18	63.5	+ 1.1	95	1	23	29	40	11.85	+ 9.45	8.50	0.0	5	22	4	5		J. E. Scanlon.
Benton	Saline	283	3	64.8		95	1†	28	29	39	6.61		1.33	0.0	6	19	5	7	s.	J. E. Evans.
Bentonville	Benton	1,303	5	59.4	+ 1.4	89	1	23	29	36	2.42	− 0.39	0.68	0.0	7	23	4	4	s.	U. S. Weather Bureau.
Bergman	Boone	1,324	14	57.0	− 2.8	90	1	16	29	51	2.86	+ 0.67	0.77	0.0	5	23	4	4	nw.	John T. Maxey.
Black Rock	Lawrence		6								5.35		2.59	0.0	6					S. J. Howe.
Brinkley	Monroe	226	24	63.0	+ 1.1	95	1	24	29	43	9.17	+ 6.73	3.20	0.0	8					H. L. D. Whitson.
Calico Rock	Izard	361	6								4.76		2.00	0.0	4					W. H. Stoner.
Camden	Ouachita	158	25	65.8	+ 2.4	92	1†	23	29	45	2.28	− 0.08	0.72	0.0	6	21	1	9	ne.	R. H. Quarterman.
Centerpoint	Howard		10	66.0	+ 1.1	94	1	24	29	45	3.55	+ 0.62	2.05	0.0	4	25	1	5	nw.	J. M. Huddleston.
Clarendon	Monroe	171	6								5.03		1.67	0.0	8					Mrs. B. E. Bishop.
Conway	Faulkner	309	27	62.2	+ 1.1	91	1	24	29	37	3.81	+ 1.64	1.10	0.0	8	20	6	5	nw.	G. H. Burr.
Corning	Clay	293	18	62.0	+ 3.2	92	1	24	29	40	9.08	+ 6.61	5.97	T.	6	18	7	6	s.	Jacob Brobst.
Dardanelle	Yell	330	24	62.0		95	1	23	29	46	5.34	+ 3.04	3.44	0.0	6					A. Bernard.
Dennard	Van Buren																			Fred B. Brown.
Dodd City	Marion	1,175	29	59.3[e]	− 0.9	89		20		41[e]	3.85	+ 0.20	2.16	0.0	5				s.	Neal Dodd.
Dutton	Madison		9	63.4[e]		92		26		53[e]	4.23		1.41	0.0	5					Edward Mize.
Earl	Crittenden		4	62.4		94	1	23	29	40	7.05		2.41	0.0	6	24	5	2		W. J. Moss.
Eldorado	Union	265	6	66.5		93	1	28	29	42	1.97		0.82	0.0	6					Jeff J. Babb.
England	Lonoke		4																	J. C. Chenault.
Eureka Springs	Carroll		9	59.2		89	1†	22	29	32	3.80		1.30	0.0	4	20	7	4	sw.	S. H. Britts.
Fayetteville	Washington	1,451	21	61.0	+ 0.6	91	1	21	29	46	3.60	+ 0.55	1.10	0.0	7	19	3	9	sw.	University of Arkansas.
Fort Smith	Sebastian	481	28	63.2	+ 1.5	92	1	28	29	35	2.69	− 0.14	1.22	0.0	7	20	6	5	e.	U. S. Weather Bureau.
Fulton	Hempsted	264	6								3.00		2.00	0.0	4					B. C. Logan.
Hardy	Sharp	643	12	61.4	+ 0.3	88	2†	23	29	41	6.34	+ 3.93	3.35	T.	7	16	8	7	nw.	C. A. Caywood.
Helena	Phillips	182	25	64.8	+ 2.5	94	1†	25	29	42	4.94	+ 2.60	3.08	0.0	7					B. F. Modisett.
Hot Springs	Garland	600	4	64.5		92	1	24	29	43	3.53		0.78	0.0	9	22	0	9	w.	Hot Springs Water Co.
Huttig	Union	85	3	66.8		92		26		41[b]	2.70		1.03	0.0	6					C. A. Berry.
Jonesboro	Craighead	345	15	61.9	+ 0.1	95	1	21	29	44	7.98	+ 5.32	3.50	0.0	6	15	14	2	nw.	Benedictine Sisters.
Junction	Union		17	64.4	+ 0.9	91	1	25	29	42	1.93	− 1.29	0.85	0.0	4	21	5	5	sw.	J. A. Lowderback.
Lake Farm	Jefferson	195	3	64.2		92	1†	22	29	44	4.84		2.60	0.0	5	21	6	4	s.	R. H. Gillespie.
Lewisville	Lafayette	262	7	67.0		93		26		40[b]	5.16		2.69	0.0	7					F. W. Youmans.
Little Rock	Pulaski	357	31	64.0	+ 1.1	90	1	21	29	32	6.44	+ 3.18	3.18	0.0	10	21	4	6	ne.	U. S. Weather Bureau.
Lutherville	Johnson	775	13	61.6	− 0.1	90	1	22	29	40	5.43	+ 2.24	3.52	0.0	6	20	5	6	sw.	Herman Hentschel.
Malvern	Hot Spring	277	23	62.8	− 0.3	92	1	29	29	38	4.66	+ 2.50	1.65	0.0	6					Miss L. C. Smith.
Mammoth Spring	Fulton		6	59.0		91	1	13	29	45	4.33		1.88	0.0	8	18	11	2		F. Wallick.
Marked Tree	Poinsett		6								16.01		7.45	0.0	7					L. Smith.
Mena	Polk	1,100	24	65.1	+ 2.7	92	1	27	29	34	1.67	− 0.81	0.90	0.0	6	22	8	1	n.	R. R. St. John.
Mossville	Newton		17	58.6	− 0.9	84	1	26	29	28	3.02	− 0.57	1.60	0.0	4	21	4	6	n.	Theo. Ober.
Mount Nebo	Yell	1,750	20																	T. G. Church.
Newport	Jackson	231	26	61.4	+ 0.7	90	1	26	29	37	10.88	+ 8.93	6.00	0.0	6					L. R. Cobb.
Ozark	Franklin	377	19	63.2	− 0.7	90	17	26	29	38	6.72	+ 4.04	2.55	0.0	6	23	4	4	e.	R. M. Adams.
Pine Bluff	Jefferson	215	22	65.6	+ 2.3	93	1	27	29	40	5.37	+ 3.38	2.30	0.0	7					J. M. Hudson.
Pocahontas	Randolph		18	63.2	+ 3.5	94	1	26	29	42	7.40	+ 5.05	2.36	0.0	6	20	5	6		Benedictine Sisters.
Pond	Benton	1,250	13	60.1	+ 0.7	91	1	18	29	43	2.47	− 0.43	0.71	0.0	6	14	10	7	sw.	A. F. Stevens.
Portland	Ashley	122	1	64.6		92	2	23	29	46	2.52		0.80	0.0	7					L. W. Gregory.
Prescott	Nevada	327	22	64.4	+ 0.2	93	2	23	29	42	4.37	+ 2.03	1.71	0.0	6					A. M. Ellsworth.
Rogers	Benton	1,385	19	60.3	+ 0.8	90	1	22	29	40	4.05	+ 1.45	1.39	0.0	5	23	2	6	s.	Carl A. Stark.
Springbank	Miller	182	3								1.27		0.73	0.0	5					G. Field.
Stuttgart	Arkansas	495	23																	H. A. Buerkle.
Subiaco	Logan	1,050	13	62.8	− 0.9	90	1†	27	29	38	6.73	+ 3.78	4.24	0.0	7	19	8	4	e.	New Subiaco Abbey.
Texarkana	Miller	332	26	65.4	− 0.4	90	1	29	29†	37	3.29	+ 0.78	2.45	0.0	4					D. E. Moore.
Warren	Bradley	304	15	64.2	0.0	93	1†	25	29	44	2.56	− 1.08	1.06	0.0	5					W. J. Savage.
Whitecliffs	Little River	206	6																	John E. Payton.
Wiggs	Garland		17	63.0	− 0.7	93	1	20	29	48	2.85	− 0.10	0.80	0.0	8	18	8	5	sw.	S. D. Jester.
Wynne	Cross		2	61.5		91	1	24	29	41	10.08		4.60	0.0	9					R. R. Poole.
Mississippi.																				
Anguilla	Sharkey	107	2	65.4		88	1†	25	29	35	3.44		1.38	0.0	8	17	2	12	ne.	E. W. Cook.
Austin	Tunica	200	14	64.2	+ 1.6	93	2	25	29	40	9.65	+ 7.37	3.98	0.0	8	23	1	7	n.	H. J. Irvine.
Batesville	Panola	230	22	64.4	+ 3.1	94	2	24	29	43	3.15	+ 1.46	1.65	0.0	8	20	0	11	e.	J. M. Cox.
Big Creek	Calhoun			63.2		94	1	25	29	40	4.95		2.23	0.0	7	13	8	10	s.	J. P. Havens.
Byhalia	Marshall	390	1								3.88		1.60	0.0	5	15	7	9	se.	Tallahatchie Dng. Com.
Canton	Madison	228	20	67.0	+ 2.6	95	1†	27	29†	44	4.12		2.91	0.0	7	14	10	7	ne.	Dr. G. W. Smith-Vaniz.
Charleston	Tallahatchie										4.00		2.05	0.0	3	21	2	8	w.	Tallahatchie Dng. Com.
Clarksdale	Coahoma	177	3	63.9		91	1†	26	29†	39	3.88		1.32	0.0	12	20	1	10	ne.	A. C. Tuttle.
Coffeeville	Yalobusha	241	1								4.67		2.50	0.0	6	19	9	3	n.	Tallahatchie Dng. Com.
Corinth	Alcorn	470	22	63.4	+ 2.5	92	1	26	29	38	4.65	+ 2.57	2.70	T.	7	20	2	9	se.	M. A. Candler.
Crenshaw	Panola	187	1								3.29		1.72	0.0	9	19	10	2	sw.	Tallahatchie Dng. Com.
Denmark	La Fayette		1								5.05		2.67	0.0	7					Do.
Duck Hill	Montgomery		11	65.1		96	5	25	29	44	6.30		3.70	0.0	7	15	14	2	s.	W. H. Eskridge.
Edwards	Hinds	222	23	68.2	+ 2.8	93	4	28	29†	38	3.96	+ 1.52	2.85	0.0	7	20	9	2	n.	E. F. Parr.
Enid	Tallahatchie		1								3.48		1.75	0.0	7				s.	Tallahatchie Dng. Com.
Fayette	Jefferson	270	9	67.2	+ 2.3	93	2	26	29	41	3.62	+ 1.18	2.15	0.0	4	17	10	4	nw.	T. L. Darden.
Greenville	Washington	126	23	65.2	+ 1.0	91	1†	29	29†	39	4.46	+ 2.43	1.15	0.0	10	20	0	11	se.	F. L. Harbison.
Greenwood	Le Flore	140	10	65.4	+ 1.9	94	2	26	29†	43	5.22	+ 3.40	2.78	0.0	12	17	2	12	s.	J. H. Stephen.
Grenada	Grenada	194	1								3.50		2.01	0.0	5	20	7	4	sw.	Tallahatchie Dng. Com.
Hernando	De Soto	391	22	64.8		93	1	26	29	37	3.23		1.25	0.0	7	21	1	9	n.	Mrs. Sarah B. Jones.
Hickory Flat	Benton	435	1								3.41		1.75	0.0	7	15	10	6	s.	Tallahatchie Dng. Com.
Holly Springs	Marshall	600	23	62.8	+ 1.1	90	2	23	29	33	2.42	+ 0.35	1.48	0.0	9	19	4	8	se.	L. B. Mosby.
Kosciusko	Attala	437	20	64.0	+ 1.7	91	1	27	29†	40	4.17	+ 1.96	1.70	0.0	11	20	5	6	e.	E. L. Lucas.
Lake Cormorant	De Soto	206	1								5.94		2.95	0.0	7	13	12	6	sw.	Tallahatchie Dng. Com.
Lula	Coahoma	182	1								4.39			0.0	6	12[1]	7[1]	3[1]		Do.
Malone	Marshall		1								3.78		1.98	0.0	6					Do.
Marks	Quitman	163	1								3.28		1.58	0.0	9					Do.
Natchez	Adams	206	22	69.0	+ 2.0	92	2†	31	29	40	2.61	− 0.04	1.00	0.0	7	16	7	8	n	J. C. Weir, Jr.
New Albany	Union	398	1								4.07		2.00	0.0	6	18	11	2	n.	Tallahatchie Dng. Com.
Pontotoc	Pontotoc	475	21	64.6	+ 2.3	92	2	26	29	34	3.01	+ 1.43	2.00	0.0	5	18	11	2	nw.	Dr. C. W. Bolton.

TABLE 1.—*Climatological data for October, 1910. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.					Sky.				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, .01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	
Mississippi—Cont'd.																				
Port Gibson	Claiborne	116	22	66.1	+ 1.9	94	1	25	30	46	3.14	+ 1.12	1.94	0.0	7	19	4	8	ne.	H. H. Crisler.
Rosedale	Bolivar	143	2	64.5		93	2	27	29†	40	6.02		2.00	0.0	11	18	2	11	nw.	T. J. Murray.
Senatobia	Tate	284	1								4.18		1.50	0.0	10	7	0	24	sw.	Tallahatchie Dng. Com
Shoccoe	Madison		7	66.2		93	1	24	29	40[a]	4.41		2.50	0.0	4	20[a]	4[a]	6[a]	ne.	J. C. Pitchford.
Suffolk	Franklin		9	68.6		93	1	28	29†	39	4.31		2.37	0.0	6	20	6	5	n.	Prof. Geo. H. Kent.
Swan Lake	Tallahatchie	148	9								3.09		2.00	0.0	4					B. F. Saunders.
Tchula	Holmes	130	5	66.4		94	3	25	29	41	5.90		3.25	0.0	4	14	10	7	n.	Dr. M. P. Winkler.
University	LaFayette	502	17	64.5	+ 1.4	90	2	26	29	31	3.59	+ 2.21	2.22	0.0	6	18	5	8	n.	Prof. J. H. Dorroh.
Utica	Hinds	287	6	66.6		91	1†	25	29	39	2.52		1.92	0.0	5	20	6	5	n.	Dr. J. B. Dudley.
Vicksburg	Warren	247	39	67.3	+ 2.0	90	17	34	29	30	2.95	+ 0.15	1.72	0.0	8	17	5	9	n.	U. S. Weather Bureau.
Water Valley	Yalobusha	300	21	65.5	+ 2.6	96	2	25	29	39	4.25	+ 1.74	2.00	0.0	8	21	4	6	e.	Miss Loula Erikson.
Woodville	Wilkinson	560	17	69.2	+ 2.6	94	1	29	29	35	1.79	− 0.88	1.46	0.0	5	24	6	1	se.	James E. Lee.
Yazoo City	Yazoo	116	16	65.0	+ 0.7	92	2†	30	29†	38[f]	6.46	+ 4.59	3.74	0.0	5	19	4	8	w.	W. H. Courts.
Lousiana.																				
Abbeville	Vermilion	18	22	69.2	+ 0.1	91	13	30	29	36	3.47	+ 0.10	1.70	0.0	8	16	8	7	n.	Hon. C. J. Edwards.
Alexandria	Rapides	77	19	67.0	+ 0.8	94	1	27	30	47	5.60	+ 2.90	1.74	0.0	6	15	1	15	s.	Miss Nellie Graham.
Amite	Tangipahoa	130	22	67.8	+ 1.3	91	1	28	29	42	3.75	+ 1.35	0.98	0.0	7	13	16	2	n.	Miss Lula M. Wentz.
Baton Rouge	E. Baton Rouge	35	22	71.2	+ 3.3	92	1†	40	30	34	2.52	− 0.76	1.67	0.0	7	20	1	10	ne.	Elmo M. Bott.
Burnside§	Ascension	20	10	68.0	− 0.4	91	1†	31	29	37[f]	3.03	+ 0.13	1.47	0.0	8				ne.	C. S. McFarland.
Burrwood	Plaquemines	1	20	75.2	+ 1.8	89	19†	46	29	16	3.10	− 1.28	0.80	0.0	9	22	5	4	ne.	Graham Myers.
Cades§	St. Martin			69.6		88	1†	33	29	32[a]	3.33		2.00	0.0	5	18	7	6	n.	C. E. Smedes.
Calhoun	Ouachita	180	17	67.2	+ 2.9	95	2	24	29	44	1.89	− 0.52	1.35	0.0	3	16	12	3	ne.	N. L. Exp. Station.
Cameron	Cameron	6	15	71.9	+ 2.5	89	1	36	29	40	3.31	+ 0.99	1.78	0.0	3	20	7	4	ne.	State Biologic Station.
Cheneyville	Rapides	67	20	68.2	+ 2.4	92	1†	26	29†	46	3.36	+ 1.45	1.40	0.0	6	16	5	10	n.	Walter I. Tanner.
Clinton	East Feliciana	113	20	68.6	+ 1.6	90	2†	29	30	39	3.32	+ 0.80	2.71	0.0	6	13	8	10	n.	John A. White, Jr.
Collinston	Morehouse	65	8																	W. A. Page.
Covington	St. Tammany	39	17	69.8	+ 2.8	93	1	30	30	44	5.03	+ 2.38	1.85	0.0	10	15	4	12	s.	Mrs. Lucille Champagne.
Dodson	Winn		1	68.4		96	1	26	29	44	2.32		1.52	0.0	3	19	6	6	n.	J. P. Lucas.
Donaldsonville	Ascension	33	20	73.0	+ 3.8	94	5†	35	29	38	3.55	+ 0.68	2.85	0.0	6	22	0	9	e.	John F. Park.
Farmerville	Union	177	20	65.9	+ 2.5	91	1	25	29	46[d]	2.30	− 0.43	1.10	0.0	4	21	4	6	n.	W. P. Chandler.
Ferriday	Concordia		3	67.0		92	2	23	29	41	1.85		0.95	0.0	5	26	1	4	n.	R. Z. Sclater.
Franklin	St. Mary	10	18	70.4	+ 1.7	91	2†	34	30†	41	5.20	+ 2.13	1.32	0.0	10	14	4	13	n.	Miss Josephine M. Bonney.
Grand Cane	De Soto	302	4	66.4		97	11	25	30	48[a]	1.35		0.60	0.0	5	15	0	16	s.	Charles M. Huson.
Grand Coteau	St. Landry	93	23	70.6	+ 3.2	94	1	31	29	40[a]	2.59	− 0.51	1.70	0.0	7	17	11	3	se.	St. Charles College.
Hammond	Tangipahoa	44	15	69.0	+ 1.8	94	18	28	30	42	3.01	+ 0.15	0.71	0.0	7	22	5	4	se.	C. C. Carr.
Houma	Terrebonne		19	70.5	+ 2.7	92	12	30	30	39	4.75	+ 1.87	1.10	0.0	6	18	0	13	ne.	Prof. H. M. Foote.
Jena	Catahoula																			A. S. Harrell.
Jennings	Calcasieu	30	12	69.2	+ 0.6	92	1†	30	29†	39	4.05	+ 0.18	2.17	0.0	7	11	12	8	n.	J. F. Buch.
Lafayette	Lafayette	36	21	68.6	+ 0.8	91	1	30	29	37	3.07	+ 0.08	1.12	0.0	7	14	5	12	n.	J. J. Davidson.
Lake Charles	Calcasieu	22	22								6.83	+ 3.31	2.15	0.0	6	19	0	12	n.	A. O. Boudreaux.
Lakeside	Cameron		9	71.4	+ 2.9	92	2†	35	29†	33	5.35		1.70	0.0	5	21	6	4	ne.	Miss L. T. Nunemacher.
Lawrence	Plaquemines	6	18	71.4	+ 1.1	91	4	37	29	29	4.16	+ 1.26	1.26	0.0	10	19	4	8	n.	H. C. Warmoth.
Leesville	Vernon		2	70.5		96	1	25	29	49	1.04		0.45	0.0	6	22	5	4	s.	C. M. McFarland.
Liberty Hill	Bienville		23	72.4	+ 6.4	100	1	24	29	48	0.87	− 2.02	0.40	0.0	4	18	7	6	s.	Dr. E. A. Crawford.
Logansport	De Soto	192	6								1.69		0.55	0.0	5	18	1	12	s.	Mrs. Bettie M. Dennis.
Melville	St. Landry	45	21	68.1	+ 0.9	93	1	25	29	45	1.62	− 1.12	0.89	0.0	7	17	4	10	ne.	Chas. B. McNeill.
Minden	Webster	194	18	65.6	+ 0.1	95	1†	22	29†	52	1.71	− 0.86	0.60	0.0	6	16	5	10	n.	Miss Ethel Fort.
Monroe	Ouachita	82	22	69.5	+ 3.6	97	1	29	29	43	2.70	+ 0.23	1.52	0.0	5	22	0	9	s.	Kenneth F. Stiles.
Morgan City	St. Mary	14	5								3.45		1.11	0.0	9	11	10	10	ne.	Virgil E. Kinsey.
Newellton	Tensas		3	65.3		89	1†	25	28	40	2.55		0.84	0.0	7	18	8	5	n.	John D. Fultz.
New Iberia	Iberia	15	20	66.8	− 2.0	88	1†	35	29	30[b]	3.05	+ 0.30	1.85	0.0	3	17	6	8	se.	Mrs. Jno. A. Gebert.
New Orleans (1)	Orleans	51	40	71.5	+ 2.0	88	3	40	29	20	2.09	− 0.84	0.97	0.0	9	14	9	8	n.	U. S. Weather Bureau.
New Orleans (2)	do	18	21	71.8	+ 3.3	93	4	35	30	33	2.33	− 0.13	0.89	0.0	11	9	5	17	ne.	Sugar Exp. Station.
Opelousas	St. Landry	83	18	68.6	+ 1.1	93	13	26	29	45	2.18	−0.59	0.92	0.0	7	15	5	11	n.	Andrew Moresi.
Paradis	St. Charles																			Louisiana Meadows Co.
Plain Dealing	Bossier	268	18	67.0	+ 1.8	98	14	24	29	47	2.07	− 0.80	0.96	0.0	5	22	5	4	se.	Leon Sanders.
Rayne	Acadia	44	18	70.0	+ 1.4	91	1†	32	30	40	3.11	+ 0.34	1.20	0.0	7	17	2	12	n.	A. P. McNeil.
Reserve§	St. John Baptist		8	73.5		96	2	42	23†	36[b]	1.99		0.86	0.0	5	15	11	5		Leon Godchaux Co., Ltd.
Robeline	Natchitoches	147	13	67.0	+ 3.0	94	2	24	29†	49	4.37	+ 1.90	2.40	0.0	4	16	4	11	e.	Miss Ruby McCook.
Ruston	Lincoln	312	13	70.2	+ 4.0	98	2†	25	29	58[a]	0.90	− 1.86	0.50	0.0	2	26	4	1	ne.	J. C. H. McKinney.
St. Francisville	West Feliciana	115	6	68.8		89	1	30	29	32	2.87		2.75	0.0	3	26	2	3	n.	L. P. Kilbourne.
Schriever	Terrebonne	17	17	70.6	+ 2.2	93	1	31	30	48	4.03	+ 1.12	1.28	0.0	7	19	3	9	e.	Chas. V. Moore.
Sheridan	Washington										3.17		1.80	0.0						D. A. Self.
Shreveport	Caddo	249	39	67.4	+ 1.8	91	1	32	29	33	2.40	− 0.78	1.69	0.0	7	19	3	4	se.	U. S. Weather Bureau.
Simmesport	Avoyelles		5								2.34		1.40	0.0	6	5	9	17	n.	C. T. Leigh.
Southern Univ. Farm	Jefferson		15								3.01	+ 0.76	1.20	0.0	10	12	5	14	se.	F. L. St. Martin.
Sugartown	Calcasieu		17	68.8	+ 0.5	92	4	21	29	45	7.00	+ 4.27	5.07	0.0	4	6	24	1		G. W. Richardson.
Tallulah	Madison	91	2	61.6		90	14†	21	29	0[n]	3.96		3.30	0.0	4					C. E. Speed.
Walker	Livingston			71.4		94	1	32	28†	49	3.10		1.80	0.0	4	16	6	9	se.	H. C. Fondren.

[a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.
* Precipitation included in that of the next measurement.
** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.
† Also on other dates.
‡ Separate dates of falls not recorded.
§ Data are from standard instruments not supplied by the U. S. Weather Bureau.
§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.
‖ Estimated by observer.
‖‖ 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 2.—*Daily precipitation for October, 1910. District No. 7, Lower Mississippi Valley.*

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Colorado.																																	
Blaine	Cimarron																																
Buena Vista	Arkansas														.08			.01	.02	T.													0.11
Calhan	Big Sandy		T.	.03											T.			.01		T.	T.							T.					0.04
Canyon City‖	Arkansas															.08		T.		.09	.11						T.	T.					0.28
Colorado Springs	Fountain		.06												T.		.06		T.	T.	T.						T.						0.12
Cripple Creek	Oil Creek				T.										.12		.55		.90									.02					1.59
Cuchara Camps	Cucharas			.24	.50												.14		.46	1.65	.47							.16					3.62
Eads	Big Sandy																																
Fairview	St. Charles																																
Florence	Arkansas																																
Fremont	Fountain		.07			T.	T.							.19			.31		.09	.18								.02					0.86
Garfield	Little Arkansas		.13												.05		.32		.32	.81	.39												2.02
Glen Eyrie	Fountain																																0.00
Hamps	Big Sandy																			T.													T.
Hermit Lake	Grape Creek																																
Hoehne (near)	Purgatoire			.10														.20	T.	.21	.15							T.					0.66
Holly	Arkansas																																0.00
Lake Moraine	Fountain		.15			.16									.28		.40		.25	.20	.18												1.62
Lamar	Arkansas																																0.00
Las Animas	do		.42																														0.42
La Veta Pass	Cucharas																		.10	2.23	.24												2.57
Leadville	Arkansas		.02			T.									.03	.03	.59	.01	T.	.26	.04												0.98
Simon (near)	Big Sandy			T.																													T.
Madrid	Purgatoire																	.26		.55	.25												1.06
Marshall Pass	Arkansas		T.												T.	T.	T.	.12		.14		.10											0.36
North Lake	Purgatoire		.07															.15	.48	.55	.27												1.52
Pueblo	Arkansas		.03												T.		T.		T.	.03								T.					0.06
Rockyford (near)	do			T.																													T.
St. Elmo	Chalk Creek		.11												T.	.08	.16	.53	.03	.30	.30												1.51
Salida‖	Arkansas															T.		.30		T.	.60												0.90
Sheridan Lake	do																																0.00
Stonewall	Purgatoire			T.								T.						.30	.32	.58	.13												1.33
Trinidad	do																.23		.30	.45	.43						T.						1.41
Victor	Oil Creek														.61			.40	T.	.12								T.					1.13
Vilas	Cimarron		T.																														T.
Westcliffe	Grape Creek																.03	.32			.78												1.13
Winfield	Clear Creek		.07												.19	.04	.83	.18	.05	.09	.01												1.46
Wortman	Arkansas	T.	T.											T.	.20	.31	.35	T.															0.86
New Mexico.																																	
Abbott	Canadian																.10		.56		.03												0.69
Albert	do																.11		.75	T.													0.86
Arch (near)	Red										.48										.20												0.68
Aurora	Canadian		.02															.50	.04	.27	.14												1.06
Bell Ranch	do																.03		.35	.06													0.44
Black Lake	do																	.40	.11	.20	.07												0.78
Cabeza	do																	.10		.10													0.20
Campana	do										T.	.03						T.	T.	.15	T.												0.18
Chacon	do																	*	.89														0.89
Cimarron (near)	do																	.23	1.37	.06													1.66
Clayton	do																																
Clovis	Red																																
Cuervo	Canadian											.02								.30	.05												0.37
Dawson	do																	.25		.68													0.93
Dorsey (near)	do																.18				.25												0.43
Elizabethtown	do																.30	.18	.55														1.03
Folsom	Cimarron																	.13		.27	.20							.03					0.63
Fort Union	Canadian											.10						.20		.17													0.47
Hayden	do																																
Johnsons Park	do																.40			T.													0.40
Kappus	do																											.04					0.04
Lake Alice	do																.41		.35	.25													1.01
Logan	do											.08									.16												0.24
Los Alamos	do																	.50	.72		.08												1.30
Lykins (near)	Red										.48									.20	.05												0.73
Maxwell (near)	Canadian																.14		.60														0.74
Melrose	Red											.42								.14	.08												0.64
Miami Ranch	Canadian																.30		1.03		.14												1.47
Montoya	do																			.41	.13												0.54
Mount Dora	do																	.03			.10												0.13
Nara Visa	do		T.									T.						.01	T.	.04	.08												0.13
Optimo (near)	do																																
Pasamonte	do																			T.	T.												T.
Raton	do			T.														42		.04													0.46
Rociada	do																																
Rosebud	do																																
Roy	do																	.22	.70	T.													0.92
San Jon	do		T.									.10								.04	.09												0.23
Solano (1)	do																	.17		.71	.03												0.91
Springer	do																	.10		*	.10												0.20
Taylor	do																.40		.50	.40	.05												1.35
Trementina	do																	.15		.75	.05												0.95
Tucumcari(1)	do		T.									.08								.30	.07												0.45
Valley	Cimarron																																
Vermejo Park	Canadian								T.											T.	.08												0.08
Wagon Mound (near)	do																	.28		.98	.09												1.27
Texas.																																	
Amarillo	Canadian											.02								.06	.18												0.26
Archer City	Red											.53	.16							.50	.73												1.92
Arthur City‖	do																					.40											0.40
Bonham	do																																
Canadian	Canadian		.37									.01							1.30		.11												1.79
Childress	Red																																
Chillicothe	do		.80																		.50												1.30
Clarendon	do											.08							.19		.14												0.41
Clarksville	do													.41							.19												0.60
Claude	do																				.02												0.02
Dalhart‖	Canadian																																0.00
Denison‖	Red	.10				T.							T.	.02							.72	T.											0.84
Finley‖	do			.34		.14	.50						.32																				1.30
Henrietta‖	do			T.									.19								1.35												1.54
Hereford	do																																
Lewis Ferry‖	do						T.							1.50								T.											1.50
Memphis	do											T.	.41								.25												0.66
Miami	Canadian		.03									T.							1.98		.11												2.12

TABLE 2.—*Daily precipitation for October, 1910. District No. 7*—Continued.

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Texas—Cont'd.																																	
Mobeetie	Red																																
Nazareth	...do											.21								T.	.12												0.33
Ochiltree	Canadian																																
Pampa	...do																	.75			.15												0.90
Paris‖	Red	T.			.01	.22	.01						.01								.36	.02						.04					0.67
Plemons	Canadian											T.									.03												0.03
Quanah‖	Red			.35																	T.	T.											0.35
Ringo Crossing‖	...do	.70				.34							.10																				1.14
Romero	Canadian											T.							T.	T.	.04												0.04
Sherman‖	Red					T.							.11								.63												0.74
Sulphur Springs‖	...do																																
Texline‖	Canadian																	T.		T.	.25												0.25
Tulia	Red											.04						.46	T.		.20												0.70
Winfield	...do			.13	.08								.29								.18												0.68
Kansas.																																	
Alden‖	Arkansas																	.22															0.22
Anthony	...do			T.								.01	T.						.05		T.												0.06
Ashland	Cimarron																		.19	T.	.06	T.											0.25
Burlington	Neosho			.54																													0.54
Chanute	...do			1.30																.16													1.46
Cimarron	Cimarron		T.	T.		T.												1.15			.10												1.25
Coldwater	...do		T																1.26		.05												1.31
Columbus	Neosho			1.30		T.							.15							.01	.70	.22					.32						2.70
Coolidge	Arkansas																																
Cottonwood Falls	Neosho			.80															.30	.04	T.												1.14
Council Grove	...do			.50																							T.						0.50
Cunningham	Arkansas			T.		T.													.30														0.30
Dodge City	...do		.08															.16			.10												0.34
El Dorado	...do			.23									T.						.06	.04													0.33
Ellinwood	...do					T.							T.						.15		T.												0.15
Emporia	Neosho			.63															T.	.27													0.90
Eureka	Verdegris			.45		T.							T.							T.	T.												0.45
Fall River	...do			1.00																													1.00
Fargo	Cimarron																																
Fredonia	Virdigris			1.30		T.	T.						T.	T.						T.	.12	T.					.05						1.47
Garden City	Arkansas					T.												T.			T.												T.
Great Bend‖	...do																																
Greensburg	...do																		.35		.08												0.43
Grenola	Verdigris			.62									.15						T.														0.77
Howard	..do			.90									.04							T.							T.						0.94
Hugoton	Cimarron																				.07												0.07
Hutchinson	Arkansas			.09		T.													.08														0.17
Independence	Verdigris			1.15									.02	T.						.01	.14	.10						.08					1.50
Iola	Neosho			1.10		.01														T.	.03						T.						1.14
Irene	Arkansas																	T.		T.	T.												T.
Jetmore	...do		T.	T.										T.					.92		.06												0.98
Kingman	...do			.28									T.						.12														0.40
La Crosse	...do		T.			T.													.13		T.												0.13
Lakin	...do																	T.			T.												T.
Larned	...do																		.70														0.70
Lebo	Neosho			.35		T.													T.	T.	T.												0.35
Le Roy‖	...do			.22	.40		T.															T.											0.62
Liberal	Cimarron											T.	T.		T.				T.		.11												0.11
Macksville‖	Arkansas			.06		T.													.36		T.	T.											0.42
McPherson‖	...do																		.70														0.70
Madison	Verdigris			.32		T.														T.	T.												0.32
Marion	Neosho			.54	.01								.03						.20		T.												0.78
Medicine Lodge	Arkansas		.25			T.													.24		T.												0.49
Medora	...do																																
Mount Hope	...do			.13															.31														0.44
Neosho Rapids‖	Neosho			.25	.25																												0.50
Ness City	Arkansas																																
Newton	...do			.12															.28														0.40
Norwich	...do			.12									T.						.43														0.55
Oswego	Neosho			2.54									.03								.34	.14					.24						3.29
Plains	Cimarron		.08															1.00		.10													1.18
Pratt	Arkansas																																
Rome	...do			.05									.10						T.		T.												0.15
Sedan‖	Verdigris			1.19									.14	T.						.12	.06						.02						1.54
Toronto‖	...do			.81																													0.81
Ulysses	Cimarron																	T.			.05												0.05
Walnut	Neosho			1.30	.20	T.								T.							.10	.11					T.	T.					1.71
Wichita	Arkansas		.01	.07		T.													.44		T.												0.52
Winfield	...do			.17										T.					T.	T.	T.												0.17
Yates Center	Verdigris			.78		T.							T.	T.						T.													0.78
Oklahoma.																																	
Ada	Canadian			.40			.17														.97	.10											1.64
Alva	Arkansas																		.10														0.10
Apache	Red			.54	T.							.04	.04		T.					.21	.54	.03											1.40
Arapaho	Washita			.34																	.20												0.54
Ardmore‖	Red	T.			T.															.15	.95	.05											1.15
Bartlesville	Arkansas			2.15									.01									.20	.25										2.61
Beaver	Canadian																	.20	.07		.20	T.											0.47
Blackburn	Arkansas			1.21									.35								.28	.20											2.04
Cache	Red			.75									.40							.22	.40	.05											1.82
Calvin	Canadian			T.									.02	.08							.78	.12						.06					1.15
Chandler‖	...do																																
Chattanooga	Red			.87								.08								.54	.60												2.09
Chickasha	Washita																																
Cloud Chief	...do			.45								T.								T.	.18												0.63
Dacoma	Cimarron											T.							.13		T.												0.13
Durant‖	Red	T.			T.	.02							T.	T.							.6'	.01											0.72
Eldorado	...do		.59	.03								T.																					0.62
El Reno	Canadian																																
Enid‖	Cimarron			.42	.02								.07		.24							.08											0.83
Erick	Red		T.																.04	T.	.25												0.29
Fairland	Arkansas			.39	.24	.42							.41							.12	.77							.44					2.79
Fort Gibson	...do				.35	T.	.10							.36						.07	1.08	.15						.11					2.22
Frederick	Red			.78								.02	.14							.37	.43	.01											1.75
Gage	Canadian		.55	.12															.25		.15												1.07
Goodwell	...do																				.02												0.02
Guthrie	Cimarron			.45																.05	.30												0.80
Guymon	Canadian																																
Harrington	Red																		.33		.12												0.45

TABLE 2.—*Daily precipitation for October, 1910. District No. 7*—Continued.

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Oklahoma—Cont'd.																																	
Hartshorne	Canadian			.15	.20		.06						.33								1.10	.07											1.91
Healdton	Red			T.									T.							.07	.96												1.03
Helena	Cimarron																				.02												0.02
Hennessey	do				.55																.20	.15											0.90
Hobart	Red			.87								T.	T.							T.	.24												1.11
Holdenville‖	Canadian												T.								.91	.15											1.06
Hooker	do											T.						T.			.02												0.02
Hurley	do																	.05			.02												0.07
Idabel	Red																																
Jefferson	Arkansas											.08																					0.08
Kenton	Cimarron																	T.		.03		T.											0.03
Kingfisher	do			.36								T.								.10	.26												0.72
McAlester	Canadian			.31		.02							1.55							1.51	.10												3.49
McComb	do																																
Mangum‖	Red			.47									.03						T.		.10	.25	.02										0.87
Marlow‖	Washita			1.15																	1.72	.55											3.42
Meeker	Canadian			.80																	.80	.25											1.85
Muskogee	Arkansas			.35		.10							.22								1.10												1.77
Mutual	Canadian																		.16	.15													0.31
Neola	Washita			.34								.31										.44											1.09
Newkirk	Arkansas												.14																				0.14
Norman	Canadian																																
Oakwood	do		.08									T.									.24												0.32
Okeene	Cimarron			.46								T.									.27												0.73
Oklahoma	Canadian		.17	.60								.01	.01							.34	.18												1.31
Okmulgee	do			1.00																	.79												1.79
Pauls Valley	do																																
Pawhuska	Arkansas			1.73									.51								.16	.23											2.62
Perry	do			1.20									.11								T.	.26											1.57
Ravia	Washita																					.93											0.93
Sac and Fox Agency	Canadian			.80									T.								.85	.12											1.77
Shawnee‖	do			.80	.02	T.														.16	1.31	.16											2.45
Snyder	Red			.45																.22	.26												0.93
Stillwater‖	Cimarron			.66	.03								.09								.29	.26											1.33
Supply	Canadian																																
Tulsa (1)‖	Arkansas			.25	1.25																.70	.35											2.25
Vinita	do			.80		T.							.20							T.	.80							.18					1.98
Wagoner	do			.75									.19							.22	.73	.02						.10					2.01
Waukomis	Cimarron			.60								T.	.05						.18			.12											0.95
Waurika	Red			T.								T.	T.							.28	.78												1.06
Weatherford‖	Canadian			.57									.03									.23											0.83
Webbers Falls	Arkansas				1.50		1.90							2.00							.22	.88											6.50
Whiteagle	do			1.40																													1.40
Woodward	Canadian		.02	.02															.10		.22	.02											0.38
Missouri.																																	
Belle	Meramec				1.20	1.80	.50																										3.50
Birchtree	Black				2.00	2.46	.20																										4.66
Cape Girardeau‖	Mississippi																																
Caruthersville	do			.11	4.15	3.10	3.00							.17	.57							.26						T.	T.				11.36
Dean	Neosho			.65		1.45							.29								.62	.14						.28					3.43
Doniphan	Black			T.	2.01	4.33	.93							.10	.03						T.	.40						T.	T.				7.80
Farmingham	Mississippi																																
Gano	Meramec				1.60	2.15	.38															.20						.10	T.				4.43
Goodland	Black				2.00		2.05															.29							T.				4.34
Greenville	Mississippi																																
Hollister	White																																
Ironton‖	Mississippi				1.65	.85	2.30														.05	.25						.02		T.			5.12
Jackson	do			3.52		3.16	.90														.40												7.08
Joplin	Neosho			.30		.10							.70								.40	.10						.40					2.00
Koshkonong	Black			.25	1.35	1.43	.60							.34								.21						.15					4.33
Lamar‖	Neosho			T.	.20		.37							.02							.47	.33						.12					1.51
Marble Hill	Mississippi			.43	2.40	3.20	1.05														.45												7.53
Mountaingrove	White			.32	.94	1.41	.31							.21														.38					3.57
Mount Vernon	Neosho			.59	T.	1.47							.10							.04	.38	.16						.28					3.02
Neosho	do			.54		.70	.06						.33	.03						.05	.51	.26						.41					2.89
New Madrid‖	Mississippi				5.20	1.83	6.24	.11							.21	.02						.15	.04					.20					14.03
Oakfield	Meramec			.59	.38	2.22	.50														T.	.15						.07	T				3.91
Olden	White				2.42	1.90																							T.				4.32
Perryville	Mississippi				2.80	2.00	.95															.40											6.15
Rolla	Meramec			.63	.44	.86	.22														.03	.12						.05	T.				2.35
Sikeston	Mississippi			.11	5.50	4.00	1.90								.16							.25				.10							12.02
Springfield	White			.46		1.73							.08	.01						.01	.42	.05					.27						3.08
Steelville	Meramec				1.48	1.35	.29															.19							T				3.31
Kentucky.																																	
Blandville	Mississippi			.30	4.23	4.29	1.78							.04	.02							.23						.26	T.				11.15
Lynnville	do			T.	1.32	*	5.50							.09	.03							.16							T.				7.10
Tennessee.																																	
Arlington‖	Mississippi				.78	T.	3.20	T.						.72	1.20							T.	.25					.25	T.				6.42
Bolivar‖	do					.24	2.90	.21							.78	.10						.02	.04					.12	T.				4.41
Brownsville‖	do				.25	.19	6.00	.98						.29	.57	T.	.15						.20					.15	T.				8.78
Covington‖	do				.75	.08	8.35	.10						.21	.78							.05	.10					.05	T.				10.47
Dyersburg‖	do				.67	1.00	6.20							.30	.90	.10						T.							T.				9.17
Jackson	do				.50	3.10	.05							.38	.04							.04						.14	T.				4.25
Kenton	do			.47	1.36	1.50	4.90							.20	.21							.14						.05	T				8.83
Memphis	do			.55	.01	3.65	.52							1.60	.02							.15					T.	.35	T.				6.85
Milan‖	do				.01	.41	5.25	.10						.04	.45	.52						.02	.18					.05		T.			7.03
Trenton	do			T.	.30	2.00	4.00							.42	.28							.22						T.	T.				7.22
Union City	do				1.87	2.25	2.27	.12						.25								.17							T.				6.93
Arkansas.																																	
Alicia	White			.20	2.25	4.95								.95													T.						8.35
Amity	Ouachita			.22	.61	.20	.60						.11	.08							.02	.04						.36					2.24
Arkadelphia (near)	do			.53	.83	1.10	.53						1.45	.36							T.	.43						.56					5.79
Arkansas City‖	Mississippi			.32	.14	1.10							.38	.12	.40						.12							1.02					3.60
Batesville (2)‖	White			1.34	1.38	4.32							.16	.22							.24	T.						.10					7.76
Bee Branch	Arkansas				.50	8.50	2.50							.25	T.						T.	.10											11.85
Benton	Ouachita			1.93		1.40							1.00	1.28							.45							.55					6.61
Bentonville	Arkansas			.59		.35							.54							.14	.58	.02					.20						2.42
Bergman	White				.68	.58	.77						.56															.27					2.86
Black Rock‖	do			1.32	.72	2.59							.57	.05							.10												5.35
Brinkley‖	do				.78	.52	2.61	T.						.70	3.20	.73						.22	T.					.41					9.17
Calico Rock‖	do				.68	2.00	1.00						1.08	T.								T.						T.					4.76
Camden‖	Ouachita				.44	.34	.72							.60								.08						.10					2.28
Centerpoint	Red			.05	T.	1.25							2.05								.20					T.							3.55
Clarendon	White			.45	.15	1.10	T.						1.06	.44	1.23							.22	T.					.38					5.03

TABLE 2.—*Daily precipitation for October, 1910. District No. 7*—Continued.

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Arkansas—Cont'd.																																	
Conway	Arkansas			.27	.83	.65	.86						.29	.72	T.						.04							.15					3.81
Corning	White			1.23	3.97	2.00	1.40							.41														.07	T.				9.08
Dardanelle‖‖	Arkansas				.12	1.32	3.44							.28								.10						.08					5.34
Dennard	White																																
Dodd City	do			T.	*	2.79								.76							.15							.15					3.85
Dutton	do				1.03	1.10							1.41								.55	.14											4.23
Earl	St. Francis				1.72	2.41	.84							1.08	.18													.82					7.05
Eldorado‖‖	Ouachita				.32	.01	.82							.66								.12						.04					1.97
England‖‖	Arkansas																																
Eureka Springs	White			1.10	T.	1.22							1.30															.23					3.80
Fayetteville	do			1.04	.04	.46	.03						1.10								.65							.28					3.60
Fort Smith	Arkansas			.47	.03	1.19							.43							T.	.49						.05	.03					2.69
Fulton‖‖	Red				T.	.20	.60							2.00								.20											3.00
Hardy	White			.06	1.14	3.35	.65							.83						T.		.25					T.	.06	T.				6.34
Helena (2)‖‖	Mississippi				.60	T.	3.08	T.						T.	.68	.16						.12	.06					.24					4.94
Hot Springs	Ouachita			.78	.64	.59	.65						.02		.32						.01	.02						.50					3.53
Huttig	do			.20		.29	1.03						.80	.12								.26											2.70
Jonesboro	White			.70	2.80	2.70	1.00							.63	.15																		7.98
Junction	Ouachita			.40	.45	.90							T.									.18						T.					1.93
Lake Farm	Arkansas			.40	.82								2.60								.62						.40						4.84
Lewisville	Red			.37	.09	1.41	.45						1.55	1.14							T.	.15											5.16
Little Rock	Arkansas			.26	2.92	1.45	.02						.07	.88	.01						.11	.16					T.	.56					6.44
Lutherville	do			.04	1.03	3.52	.52														.07							.25					5.43
Malvern‖‖	Ouachita				1.65	.10	1.07							.87	T.							.30						.67					4.66
Mammoth Spring	White				.68	1.88	.90							.40	.02						.12	.25						.08					4.33
Marked Tree‖‖	St. Francis				2.16	4.38	7.45	T.						.95	.89						.13	.06											16.01
Mena	Ouachita				.37	.53	.17						.18								.20							.22					1.67
Mossville	White				1.60	.60							.41								.11												3.02
Mount Nebo	Arkansas																																
Newport (1)‖‖	White				3.00	.20	6.00							1.14	.12							.42											10.88
Ozark	Arkansas			1.00	.33	2.23							2.56							.27							.33						6.72
Pine Bluff‖‖	do				1.41	.08	.63							2.30	.10							.15						.70					5.37
Pocahontas	White			.13	2.23	2.14	1.35							1.20								.35											7.40
Pond	Arkansas			.70			.17						.57							T.	.71	.11						.21					2.47
Portland‖‖	Ouachita				.32	.63	.80							.44								.06						.24	.03				2.52
Prescott‖‖	do				.96	.35	1.03							1.71								.30						.02					4.37
Rogers	Arkansas			1.31		.61							1.39							T.	.53							.21					4.05
Springbank‖‖	Red				.29	T.	.73						.04	.03								.18											1.27
Stuttgart	Arkansas																																
Subiaco	do			.38	1.10	4.24	.07						.70								.16							.08					6.73
Texarkana‖‖	Red				.08	T.	.53							2.45								.23											3.29
Warren‖‖	Ouachita				.08		1.00							1.06								.17						.25					2.56
Whitecliffs‖‖	Red																																
Wiggs	Ouachita			.20	.36	.80	.54						.21	.03							T.	.06						.65					2.85
Wynne‖‖	St. Francis				2.02	1.89	4.60	.01						.58	.40							.20	.04					.34					10.08
Mississippi																																	
Anguilla	Yazoo		T.	.34	T.	.10	1.38						.08	.68	.05						.21							.60					3.44
Austin	do			.23	.70	.16	3.98							1.19	1.50						T.	1.59						.30					9.65
Batesville‖‖	do			.10	.30	.03	1.65	.02							.35								.02					.68					3.15
Big Creek	do				.22	.03	2.23						.05	1.82								.15						.45					4.95
Byhalie	do				.40		1.45							1.60	T.							.10						.33					3.88
Canton	Big Black				.04	.06	2.91						.90	.06									.01					.14					4.12
Charleston	Yazoo		T.	T.	T.	T.	2.05							1.05	T.						T.	T.						.90					4.00
Clarksdale‖‖	do		.19		.50	.07	1.32	T.						.24	.28	.34	.02					.15	.04					.63	.10				3.88
Coffeeville	do			T.	.13	.06	2.50							1.38	.13							T.						.47					4.67
Corinth‖‖	Mississippi				.74	.17	2.34	.36						T.	.50													.50	.04	T.			4.65
Crenshaw	Yazoo			.35	.23	.03	1.72		T.					.16	.40	.01					T.	.12						.27					3.29
Denmark	do				.13	.53	2.67							.50	.77							.15						.30					5.05
Duck Hill	do			.10	T.	T.	.24		3.70					.30	1.00							.16						.80					6.30
Edwards	Big Black		.20		.10	.20	2.85						.18	.35								.08											3.96
Enid	Yazoo			T.	.06	.24	1.75							.70	.05							.11						.57					3.48
Fayette	Mississippi		.31				2.15					1.06	.10															T.					3.62
Greenville‖‖	Yazoo				.74	.07	.96	.01						1.15	.11	.41						.02						.88	.11				4.46
Greenwood‖‖	do			.12	.01	.08	2.60	.18						1.11	.10	.06						02	.08					.64	.22				5.22
Grenada	do			.02			2.01						T.	.72	.25				T.				T.					.50					3.50
Hernando‖‖	do				.65		1.25	.10						T.	.78							.12	.08					.25					3.23
Hickory Flat	do				.10	.07	1.75							.56	.35							.10						.48					3.41
Holly Springs‖‖	do				.01	.02	1.30	.18							.69							.02	.02					.17	.01				2.42
Kosciusko‖‖	Big Black			.19	.01	.06	1.70	.73	.01					.30	.48							.02	.01						.06				4.17
Lake Coromrant	Yazoo			T.	.78	.50	2.95							.98	.33						T.	.15						.25					5.94
Lula	do	*	*	*	*	*	*	*	*	2.49				.26	1.04							.18						.42					4.39
Malone	do		T.	T.	.56	.25	1.98							.38	T.							.09						.52					3.78
Marks	do			.19	.32	.10	1.58							.12	.14	.01						.04						.78					3.28
Natchez‖‖	Mississippi			.46	.33	.13	.76	.24		T.	T.		.61	T.									T.						.08				2.61
New Albany	Yazoo					.17	2.00							1.00	.31							.10						.49					4.07
Pontotoc	do					2.00	.14							.25								.35						.27					3.01
Port Gibson‖‖	Mississippi			.24	.10	.03	1.94	.44		T.	T.		.18	.21								T.							T.				3.14
Rosedale‖‖	Yazoo				.95	.05	1.10								.02	.50	2.00	.12				.30	.04					.90	.04				6.02
Senatobia	do		.01	.32	.32	.01	1.50							1.13	.44	.01					T.	.11						.27					4.18
Shoccoe	Big Black				T.	T.	2.50		T.				1.39	.42								T.						.20					4.41
Suffolk	Mississippi		1.51	T.	T.	.04	2.37					.29	.08									T.						.02					4.31
Swan Lake‖‖	Yazoo						2.00								.45		.20				T.	T.						.44					3.09
Tchula	do		T.	T.	T.	T.	2.00						T.	3.25	T.	T.						.35						.30					5.90
University	do			T.	.05	.35	2.22							.41	.14							T.						.42					3.59
Utica	Mississippi		T.			.45	1.92					T.	.06	.05														.04					2.52
Vicksburg	do		.13	.02	.82	.12	1.60		T.	T.		T.	.14		T.							.01						.11					2.95
Water Valley	Yazoo			.10	T.	2.00	.40						.10	.30	1.10							.10						.45					4.55
Woodville	Mississippi			.05	.10	.02	1.46					.16																					1.79
Yazoo City‖‖	Yazoo					T.	.06	2.34						3.74								T.	.20						.12				6.46
Louisiana.																																	
Abbeville	Coast			.02	.35	.91	1.70	.15			.15	.04																.15					3.47
Alexandria‖‖	Red			.15	.15	1.48	1.63	.45					1.74																				5.60
Amite‖‖	Coast			.27	T.	.98	.20	.80		.15		T.	.42		T.								T.						.93				3.75
Baton Rouge‖‖	do			.40		.15	.22	1.45				.05	.20																.05				2.52
Burnside	do		.40	.07	.28	.22	1.47					.20	.01															.38					3.03
Burrwood	do	.14	.52	.20		.06	.80	.60	T.	.03					.09													.66					3.10
Cades	do		.10		.23	.25	.75					2.00																					3.33
Calhoun	Ouachita			.04	T.		1.35							.50																			1.89
Cameron	Coast			.98	T.	1.78	1.15																										3.91
Cheneyville‖‖	Red			.06	.15	.50	.80	1.40					.45																				3.36
Clinton‖‖	Coast		T.	T.	.35	.20	2.51		.02			.07	.17	T.															T.				3.32
Collinston‖‖	Ouachita																																
Covington‖‖	Coast			.50	.13	.07	1.18	.74	T	T.	.03	.51	.16	1.69	T.														.02				5.03
Dodson	Red			.32	T.	T.	1.52																					.48					2.32

TABLE 2.—*Daily precipitation for October, 1910. District No. 7*—Continued.

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Louisiana—Cont'd.																																	
Donaldsonville‖	Coast			.25		.15	.15	2.85				.05	.10																T.				3.55
Farmerville‖	Ouachita				1.10	.90							.05								.25												2.30
Ferriday	do			.95	.05	.10	.55					.20																					1.85
Franklin‖	Coast		T.	.01	.55	.24	.64	1.32		.01	T.	.75	.60	.15	T.								T.						.93				5.20
Grand Cane‖	Red				.20		.60						.40	.10								.05											1.35
Grand Coteau	Coast		.18	.12	.15	.35	1.70			T.	.02	.07																					2.59
Hammond	do		.42	.15	.26	.65	.71				T.		.42															.40					3.01
Houma‖	do			.50	.90	.90	1.10							.75														.60					4.75
Jena	Red																																
Jennings‖	Coast			.19	.20	.64	.59	.26				1.06	1.11																				4.05
Lafayette‖	do			.22		.58	.82	.08				.06	1.13															T.	.18				3.07
Lake Charles‖	do		.38		1.04	.54	1.37						1.35	2.15																			6.83
Lakeside	do			.60	1.50	1.70	.65					.90																					5.35
Lawrence‖	do		.86	.25	.39	.13	.50	1.26	.09			.08	.02																.58				4.16
Leesville	Sabine			.05	.43	.42	.03						.01									.10											1.04
Liberty Hill	Red					.20	.40						.07															.20					0.87
Logansport‖	Sabine				.30	.31	.38						.55									.15											1.69
Melville‖	Red			.03	.12	.37	.68	.21				.18	.03																T.				1.62
Minden‖	do				.40	.36	.60						.06	.09								.20											1.71
Monroe‖	Ouachita			.18	.04		1.50	.02			T.			.96																			2.70
Morgan City‖	Coast			.14	.26	.31	.79	1.11				.70	.06	.05															.03				3.45
Newellton	Mississippi		.27	.16	.84	.60	.10		T.			.37	.21																				2.55
New Iberia	Coast		T.	T.	T.	.40	1.85					.80																T.					3.05
New Orleans (1)	do	T.	.28	.31	T.	.62	.64	.01		T.	.04	.07	.02	T.	T.							T.						.10					2.09
New Orleans (2)	do		.89	.21	.01	.06	.56			.04	.08	.01	.21	.02														.24					2.33
New Orleans (3)	do		.33	.12		.16	.44	.02		.01	.01		.77															.03					1.89
New Orleans (4)	do		.84	.22		.08	.48			.02	.08		.22	.01	.01													.18					2.14
New Orleans (5)	do		.55	.43	.01	.03	.60	.01	.01	.02	.10	.66	.08	.02	.10													.53					3.15
New Orleans (6)	do		.28	.32		.46	.69				.03	.08	.01															.09					1.96
New Orleans (7)	do		.36	.30		.39	.68	.01				.02	.12															.34					2.22
New Orleans (8)	do		.60	.15		.90	.74				.06	.05																.18					2.68
Opelousas‖	do	.47		.27	.10	.32	.68	.24				.10	T.																				2.18
Paradis	do																																
Plain Dealing	Red			.76	.13	.96	.12																.10										2.07
Rayne‖	Coast	.25	T.		.04	1.20	1.05	.10				.12	.35								T.							T.					3.11
Reserve‖	do				.24		.54	.24	.86							.11																	1.99
Robeline‖	Red				.72	T.	.25						2.75	.65								T.											4.37
Ruston	Ouachita			.50	.40																	T.											0.90
St. Francisville‖	Mississippi					.35	2.40						.12																				2.87
Schriever	Coast		T.	.80	T.	1.28	.58	.50				.73			.10														.04				4.03
Sheridan	Pearl		1.00		.35	.02	1.80																										3.17
Shreveport	Red			.16	.12	.18	T.					T.	1.69								.08	.12						.05					2.40
Simmesport‖	do				.07	.35	.40	1.10					.42									.01	T.						T.				2.34
Southern Univ Farm	Coast		.26	.30	.20	.10	1.20	T.	T.		.05	.10	.70	.08														.02					3.01
Sugartown	do		.38	1.55	.54	4.53																											7.00
Tallulah	Mississippi				.30		3.30															.18						.18					3.96
Walker‖	Coast				.50	.70	.10					1.80																					3.10

TABLE 3.—*Maximum and minimum temperatures at selected stations, October, 1910. District No. 7, Lower Mississippi Valley.*

Date.	Colorado.						New Mexico.				Texas.			
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris.§§	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1...	92	63	63	32	87	45	87	52	82	44	89	62	96	63
2...	88	66	49	34	79	49	82	61	69	39	83	60	94	62
3...	95	40	55	20	71	37	72	49	73	32	74	50	85	64
4...	93	40	54	33	81	39	90	45	80	29	94	49	87	67
5...	71	40	48	28	65	40	79	46	65	35	66	46	93	70
6...	83	31	62	24	75	29	75	40	73	31	78	41	87	54
7...	90	36	66	33	88	36	87	45	84	29	84	45	79	45
8...	93	40	74	32	83	39	80	48	84	47	85	50	82	44
9...	92	38	71	33	88	40	90	52	84	40	85	49	85	45
10...	90	42	72	36	84	38	86	46	78	37	79	47	89	51
11...	83	59	63	34	77	43	81	44	73	36	70	55	88	56
12...	87	46	63	31	82	47	87	46	77	33	83	52	90	59
13...	89	39	61	29	82	41	87	51	79	35	90	55	94	63
14...	86	46	55	31	78	43	83	53	77	36	87	52	96	63
15...	87	42	57	29	79	44	86	45	74	39	84	53	92	64
16...	89	59	54	32	84	48	79	51	74	42	82	55	89	62
17...	80	55	36	24	68	47	71	41	64	35	80	54	91	63
18...	69	55	37	27	61	41	68	41	59	35	70	41	89	54
19...	59	42	27	9	46	32	56	31	43	32	53	35	84	59
20...	49	30	27	4	45	25	43	30	44	21	35	29	49	46
21...	71	21	42	9	64	20	70	29	61	20	66	29	63	40
22...	80	30	52	21	73	25	67	37	64	29	71	37	78	37
23...	82	27	47	24	74	32	71	39	70	25	78	36	80	37
24...	82	29	51	24	73	32	75	39	38	30	76	39	84	46
25...	82	31	55	27	80	33	75	42	77	34	81	46	89	46
26...	81	37	48	30	76	42	84	46	72	35	85	46	87	49
27...	62	33	36	11	42	26	56	34	62	31	47	32	65	51
28...	60	15	49	14	54	18	55	30	52	30	58	28	55	33
29...	80	23	51	23	78	22	71	30	72	22	71	32	63	26
30...	80	30	50	22	72	38	80	45	71	38	80	39	73	29
31...	73	33	46	21	71	34	79	41	69	40	81	41	77	36
Mns	80.6	39.3	52.3	25.2	72.9	36.3	75.9	42.5	70.1	33.6	75.6	44.8	82.4	51.1

Date.	Kansas.										Oklahoma.			
	Dodge City.		Ellinwood.		Iola.		Liberal.		Wichita.		Ardmore.§§		Bartlesville.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1...	92	55	95	49	90	63	93	53	93	65	98	64	96	61
2...	84	59	89	66	87	65	84	52	87	70	92	65	97	62
3...	71	49	85	54	73	58	86	48	72	55	90	68	75	60
4...	90	46	84	44	75	49	92	47	80	47	86	55	89	57
5...	67	44	81	53	70	50	74	49	70	50	95	65	85	62
6...	80	35	83	33	69	40	81	37	74	41	78	48	75	48
7...	85	45	84	46	73	41	86	42	75	46	83	44	75	41
8...	92	48	89	44	77	41	93	44	83	47	85	43	76	43
9...	85	50	86	45	79	44	89	42	81	48	86	42	79	41
10...	84	48	89	41	80	49	86	40	84	53	88	52	83	41
11...	79	45	87	47	81	48	88	45	83	54	85	54	84	46
12...	81	55	82	57	78	53	81	52	76	60	87	58	80	60
13...	81	51	82	60	81	60	87	49	77	60	96	60	85	58
14...	83	55	87	59	83	57	85	50	83	58	98	57	86	59
15...	87	54	89	50	85	55	88	48	85	59	90	64	88	58
16...	84	55	88	56	84	54	85	50	84	56	89	56	88	52
17...	80	58	84	55	83	59	83	53	81	63	87	60	88	53
18...	71	49	78	55	82	62	77	42	80	58	89	55	89	52
19...	50	38	62	43	67	43	64	43	58	42	62	55	60	52
20...	38	31	44	35	43	39	49	29	42	36	47	42	46	40
21...	68	27	74	24	60	38	70	24	66	30	63	33	63	30
22...	73	35	75	29	71	30	73	53	72	37	78	40	66	38
23...	77	42	79	38	74	39	79	31	76	44	78	37	69	46
24...	76	36	78	35	73	40	77	35	75	46	82	44	80	44
25...	83	39	87	37	76	40	86	40	84	46	87	45	82	44
26...	79	39	79	46	85	48	82	42	84	47	87	55	89	42
27...	46	27	68	35	50	32	56	35	48	33	60	47	58	44
28...	51	22	47	22	43	25	56	19	44	26	55	30	56	31
29...	72	30	71	29	57	23	74	25	65	27	66	28	64	22
30...	79	32	81	32	71	43	81	30	73	44	73	40	74	37
31...	73	37	73	37	68	42	77	33	68	48	76	44	74	43
Mns	75.5	43.1	79.4	43.7	73.2	46.2	80.1	41.4	74.3	48.3	81.1	50.0	77.4	47.6

Date.	Oklahoma.													
	Enid.§§		McAlester.		Mangum.§§		Muskogee.		Oklahoma.		Weatherford.§§		Woodward.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1...	100	60	98	66	97	61	94	63	94	65	99	61	95	62
2...	93	63	93	67	93	65	93	63	88	65	91	63	90	67
3...	75	66	85	72	77	60	87	65	72	58	78	63	75	55
4...	85	49	89	64	87	54	85	63	82	53	85	53	86	40
5...	75	51	93	73	77	53	89	67	81	56	73	53	76	53
6...	78	43	75	50	75	44	70	45	71	45	77	45	81	31
7...	83	41	79	41	80	43	77	41	77	49	83	43	85	49
8...	84	41	82	42	.....	44	79	40	79	49	90	43	92	49
9...	88	41	85	42	.....	44	85	42	80	49	84	41	85	37
10...	87	42	86	43	.....	47	84	47	82	52	86	43	85	37
11...	88	46	88	53	88	48	84	51	78	58	84	44	83	44
12...	84	48	84	60	82	62	75	59	81	63	86	56	84	55
13...	84	60	88	62	85	54	86	57	82	62	85	57	85	48
14...	87	69	88	63	89	54	88	62	84	61	87	56	85	50
15...	88	56	85	65	88	57	86	59	83	58	88	55	90	50
16...	87	55	89	59	83	55	86	58	82	58	86	53	86	48
17...	89	54	88	61	88	58	86	59	82	65	86	55	85	56
18...	86	52	89	63	82	60	88	63	84	64	86	60	77	56
19...	60	48	81	50	60	51	75	50	64	42	60	49	62	46
20...	44	41	52	43	42	40	56	42	42	36	41	39	47	35
21...	67	29	44	37	67	30	60	36	62	32	68	31	69	27
22...	76	28	74	42	75	31	73	39	71	43	80	32	75	35
23...	80	30	79	43	77	35	78	41	74	46	79	46	78	35
24...	80	35	82	50	78	44	78	45	76	48	80	43	79	38
25...	80	40	87	46	81	41	85	42	82	49	86	45	87	40
26...	65	47	83	52	90	41	86	51	84	55	90	43	87	59
27...	58	32	78	47	56	42	74	44	55	35	57	41	66	39
28...	62	28	54	34	56	27	52	32	51	28	58	27	53	20
29...	64	30	64	27	69	30	61	21	64	31	68	28	72	29
30...	76	28	72	45	76	30	73	39	70	42	75	32	75	42
31...	68	41	71	53	82	47	74	48	71	59	78	43	74	32
Mns	78.1	45.0	80.2	52.1	77.9	46.8	78.9	49.7	75.1	50.5	79.2	46.5	79.0	44.0

Date.	Missouri.													
	Caruthersville.		Ironton.§§		Lamar.§§		Olden.		Springfield.		Lynnville, Ky.		Jackson, Tenn.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1...	93	58	91	56	93	62	89	61	87	65	94	55	93	53
2...	94	57	87	54	89	63	85	73	92	35	96	57	91	55
3...	90	64	81	63	89	67	75	63	73	62	85	67	88	63
4...	74	65	77	63	82	62	81	62	80	63	80	67	86	71
5...	74	66	69	62	78	61	74	65	78	54	76	67	82	55
6...	68	53	67	49	69	43	62	48	62	46	67	53	66	55
7...	68	49	68	35	75	41	68	41	66	45	68	46	67	49
8...	72	49	73	34	78	42	73	40	71	45	75	45	72	50
9...	78	45	78	37	80	42	79	46	75	51	81	44	77	47
10...	75	48	74	37	80	47	75	46	74	52	76	47	75	46
11...	79	45	78	37	83	49	77	47	75	53	82	45	83	42
12...	82	46	80	39	83	51	81	50	80	55	85	46	85	42
13...	75	57	77	48	85	51	72	57	72	58	82	51	74	42
14...	80	62	81	51	85	57	79	56	78	58	80	61	81	42
15...	83	63	84	53	87	54	81	55	80	61	85	56	83	42
16...	86	55	85	48	87	54	84	56	80	61	87	62	82	49
17...	87	52	83	47	84	56	81	60	78	59	87	53	87	52
18...	90	57	84	46	85	58	81	55	80	60	88	56	88	53
19...	89	54	83	47	57	55	80	58	65	44	90	55	88	53
20...	70	54	51	46	47	39	61	43	44	38	71	54	72	56
21...	58	47	48	42	55	38	45	40	47	36	57	48	60	51
22...	70	34	65	31	70	33	66	34	63	38	58	37	68	34
23...	73	34	70	28	75	35	69	39	69	44	73	37	73	37
24...	80	37	76	35	75	35	75	45	69	47	76	36	77	35
25...	78	45	71	41	77	41	74	44	73	48	72	47	72	42
26...	85	46	81	35	83	42	80	52	78	53	81	40	83	57
27...	72	49	56	42	64	42	70	42	55	34	72	50	70	51
28...	49	32	42	30	46	27	50	29	37	28	50	30	52	28
29...	55	20	50	18	57	23	51	21	50	25	51	24	50	21
30...	65	30	66	30	72	25	66	32	66	37	61	30	63	27
31...	71	34	68	37	70	44	70	41	67	46	65	36	71	33
Mns	76.2	48.6	73.4	42.8	75.5	46.4	72.7	48.4	69.4	49.4	75.8	48.5	76.1	46.1

TABLE 3.—*Maximum and minimum temperatures at selected stations, October, 1910. District No. 7*—Continued.

Date.	Tennessee.				Arkansas.																		Mississippi.					
	Memphis.		Union City.		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...	87	66	92	60	89	61	92	59	95	55	93	61	92	63	90	67	93	63	90	63	91	58	91	59	92	57	91	62
2...	90	68	90	56	86	61	90	60	92	57	91	62	89	63	87	67	90	61	89	65	90	60	91	30	91	60	91	59
3...	86	69	88	54	73	63	85	65	81	66	88	67	80	68	82	66	84	66	80	69	86	60	85	65	88	66	88	64
4...	82	72	80	67	82	64	77	66	88	64	87	62	84	66	80	69	85	70	84	70	75	67	87	66	82	72	87	67
5...	82	67	75	67	81	56	74	66	82	66	83	74	83	63	78	67	84	72	86	73	76	68	89	73	82	72	89	72
6...	67	55	69	54	66	46	67	54	73	54	74	60	71	54	70	56	75	59	76	57	68	55	66	60	66	64	68	61
7...	67	51	70	45	69	39	68	46	71	43	72	47	72	47	68	50	73	51	72	48	68	46	70	51	68	50	72	52
8...	72	49	75	50	73	38	72	44	78	41	76	44	77	45	72	48	78	48	75	47	72	44	67	50	70	50	70	50
9...	77	53	81	45	76	41	77	44	79	41	81	48	79	46	76	53	80	53	78	47	76	47	80	52	79	55	82	52
10...	76	53	79	46	76	50	75	46	79	47	83	55	78	53	75	57	82	53	81	54	76	50	80	52	78	52	82	54
11...	75	54	81	45	78	47	79	45	80	45	87	54	79	53	76	54	83	51	82	57	78	46	83	50	86	48	85	53
12...	82	57	83	46	74	53	80	47	76	55	83	67	71	60	78	60	82	60	83	58	84	47	82	50	86	52	85	55
13...	77	61	78	52	80	58	73	59	78	57	86	66	79	62	76	65	83	65	86	63	79	55	81	60	73	56	83	66
14...	74	67	81	65	78	51	76	63	79	62	91	67	79	65	80	67	84	38	88	64	75	64	79	60	82	62	84	66
15...	80	63	85	61	79	54	83	59	81	58	84	67	81	62	79	64	84	66	86	67	74	61	82	64	84	62	82	65
16...	82	62	87	56	82	52	84	54	85	58	86	64	83	62	81	66	86	64	84	65	82	56	85	62	84	60	85	65
17...	84	64	88	54	80	55	85	54	86	54	90	57	83	60	83	62	86	58	84	63	85	55	87	58	88	58	87	60
18...	85	64	87	55	82	58	86	52	86	54	89	57	84	61	85	61	89	64	85	60	85	55	87	57	86	58	87	59
19...	83	63	86	55	66	44	85	54	85	53	88	56	75	52	84	55	88	58	83	60	85	55	86	56	86	56	85	57
20...	63	55	87	53	44	39	78	52	54	53	67	56	52	44	56	48	66	56	58	55	59	55	64	57	75	57	68	58
21...	56	45	58	49	52	37	54	46	56	45	58	46	57	42	53	46	55	50	57	45	53	47	56	52	56	56	55	54
22...	66	41	68	37	66	37	68	37	73	34	72	35	70	37	70	38	73	37	74	39	68	37	70	35	67	37	54	35
23...	68	48	72	36	72	37	72	35	74	35	79	42	74	42	71	48	76	36	74	39	70	36	74	38	72	38	76	37
24...	75	52	75	38	74	46	79	39	81	37	79	43	77	45	77	49	80	43	76	50	77	39	78	42	76	40	78	43
25...	74	54	77	42	78	42	77	45	81	37	83	46	81	46	79	55	82	43	80	50	75	42	82	43	74	46	82	45
26...	79	58	81	42	79	50	82	42	85	41	85	48	83	50	79	54	85	48	82	50	82	41	84	47	80	45	83	47
27...	70	44	60	49	53	36	74	50	64	41	68	56	62	43	68	46	67	53	65	64	61	52	65	49	60	52	66	49
28...	44	34	54	33	42	26	52	33	53	35	55	35	48	33	46	37	54	35	52	36	47	33	50	36	46	34	54	39
29...	49	28	51	25	56	23	52	24	59	23	58	28	58	28	55	31	57	27	54	29	61	24	54	26	50	26	55	29
30...	61	37	62	31	67	39	64	32	70	24	68	29	70	36	64	36	66	33	66	29	61	34	64	26	58	28	65	29
31...	67	43	66	31	69	46	78	38	74	33	73	31	71	44	67	42	70	35	72	42	67	39	69	38	67	32	73	34
Mns	73.5	54.7	76.3	48.4	71.7	47.1	75.4	48.7	76.7	47.4	79.4	52.6	74.9	51.5	73.7	54.3	78.1	53.1	76.8	54.1	73.7	49.3	76.4	51.4	75.2	51.6	77.7	52.8

Date.	Mississippi.						Louisiana.																					
	Kosciusko.§§		Natchez.§§		Vicksburg.		Alexandria.§§		Baton Rouge.§§		Covington.§§		Lafayette.§§		Lake Charles.§§		Monroe.§§		New Orleans.		Robeline.§§		Schriever.§§		Shreveport.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	91	55	91	63	88	64	94	65	92	68	93	66	91	66	.....	.....	97	63	87	74	92	62	93	65	91	67	91	67
2.....	90	57	92	65	89	65	92	60	89	69	90	66	90	66	.....	.....	94	62	85	69	94	58	92	64	88	65	88	65
3.....	89	63	91	67	86	66	90	60	87	67	90	68	87	68	.....	.....	91	65	88	74	87	58	92	64	83	68	83	68
4.....	87	70	92	70	87	72	88	68	87	68	89	70	85	72	.....	.....	90	66	87	75	90	69	90	72	86	72	86	72
5.....	84	74	88	72	88	73	79	71	85	70	87	72	84	74	.....	.....	85	74	87	76	86	72	90	72	88	75	88	75
6.....	65	64	70	70	75	55	72	69	83	72	76	73	76	64	.....	.....	80	68	77	64	76	66	76	72	77	57	77	57
7.....	65	50	72	53	70	52	73	52	74	58	73	59	72	56	.....	.....	80	51	70	62	75	48	71	59	72	50	72	50
8.....	69	50	71	52	69	49	78	50	79	57	79	59	74	53	.....	.....	83	49	72	62	74	41	79	59	74	47	74	47
9.....	77	55	73	52	75	[illegible]	72	50	82	64	78	61	74	53	.....	.....	82	50	77	66	76	63	80	62	77	57	77	57
10.....	81	56	86	65	84	63	85	65	88	38	90	67	87	65	.....	.....	89	62	83	70	87	64	86	63	84	65	84	68
11.....	86	53	90	67	85	61	90	65	89	71	90	69	86	68	.....	.....	90	59	84	72	80	65	91	68	83	65	83	65
12.....	84	54	86	68	84	69	89	66	91	72	83	67	85	68	.....	.....	90	60	84	72	84	64	93	68	82	69	82	69
13.....	74	65	90	69	84	69	90	69	92	70	90	68	88	68	.....	.....	91	67	85	73	92	68	90	67	86	68	86	68
14.....	83	63	91	68	86	69	91	60	90	72	90	68	87	68	.....	.....	95	68	85	72	93	63	90	67	91	67	91	67
15.....	82	63	87	68	85	67	87	66	88	70	90	67	87	69	.....	.....	93	68	85	73	87	63	90	68	84	68	84	68
16.....	83	63	87	66	85	66	88	65	85	68	90	65	86	66	.....	.....	91	65	85	72	89	61	89	65	85	66	85	66
17.....	88	60	91	63	90	63	90	64	87	66	90	61	87	64	.....	.....	95	64	84	70	91	57	88	60	86	64	86	64
18.....	84	58	90	63	87	67	90	59	86	65	92	60	87	61	.....	.....	95	61	85	70	90	55	89	58	87	62	87	62
19.....	85	56	90	60	84	62	90	56	84	64	91	57	87	58	.....	.....	94	60	86	72	90	54	89	57	85	60	85	60
20.....	82	56	80	60	71	61	80	56	85	63	89	57	85	58	.....	.....	70	58	85	69	75	53	89	56	64	48	64	48
21.....	58	58	61	55	61	48	62	48	66	61	75	58	66	57	.....	.....	69	50	72	57	63	46	71	58	58	44	58	44
22.....	67	36	72	40	68	41	70	36	69	48	77	44	71	40	.....	.....	69	39	68	52	75	33	80	46	73	40	73	40
23.....	74	38	81	41	75	47	80	36	75	47	80	40	78	41	.....	.....	70	46	73	57	80	33	81	41	78	48	78	48
24.....	76	38	81	48	74	52	80	44	78	50	80	41	81	46	.....	.....	84	47	74	61	82	41	83	43	79	50	79	50
25.....	81	41	85	49	79	59	87	40	86	56	82	45	82	48	.....	.....	90	47	78	64	89	41	84	48	84	55	84	55
26.....	82	45	88	52	83	56	85	47	88	54	86	48	85	49	.....	.....	88	50	83	63	87	45	88	47	83	56	83	56
27.....	63	45	77	54	69	49	75	47	87	60	85	49	84	54	.....	.....	84	50	81	61	76	45	86	49	72	47	72	47
28.....	50	36	57	40	52	38	59	40	59	48	63	45	59	42	.....	.....	64	38	61	48	58	38	77	47	55	38	55	38
29.....	52	27	57	31	52	34	56	28	57	42	61	31	57	30	.....	.....	64	29	53	40	60	24	67	33	58	32	58	32
30.....	60	27	70	33	64	35	68	27	61	40	65	30	65	31	.....	.....	72	30	60	44	69	24	69	31	67	35	67	35
31.....	67	30	78	41	71	41	70	29	69	45	75	31	74	43	.....	.....	77	36	67	50	77	28	80	32	74	41	74	41
Means.....	76.1	51.8	81.1	56.9	77.4	57.2	80.6	53.5	81.2	61.1	82.9	56.8	80.2	57.0	.....	.....	84.1	54.9	78.4	64.6	82.2	51.7	84.3	56.8	78.5	56.3	78.5	56.3