CLIMATOLOGICAL DATA FOR MARCH, 1913.

DISTRICT NO. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Cold weather prevailed throughout the month, and a cold wave which overspread the district from the 14th to 18th carried freezing temperatures nearly to the Gulf coast in Louisiana. The precipitation occurred generally in two periods, 7th to 14th, and 20th to 27th, except in the Colorado area, where there were three periods of scattered precipitation, viz, 1st to 7th, 12th to 15th, and 19th to 26th.

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

States and portions of States lying within District No. 7.	Mean temperature.	Departure from the normal.	Mean precipitation.	Departure from the normal.	Greatest precipitation in 24 hours.	Mean snowfall.	Number of days. With 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction
Colorado	33.7	−2.9	0.79	−0.61	0.84	11.2	5	17	8	6	sw.
New Mexico	39.7	−4.5	0.30	−0.11	1.05	3.1	2	15	11	5	sw.
Texas	46.5	−4.4	1.51	−0.46	2.00	1.9	4	15	7	9	s.
Kansas	41.3	−3.4	0.88	−0.54	3.75	1.7	4	15	9	7	s.
Oklahoma	46.2	−6.2	1.96	+0.38	2.20	3.3	6	16	8	7	s.
Missouri	43.9	−4.1	5.30	+1.39	3.47	5.2	8	14	6	11	s.
Tennessee	48.7	−2.0	5.67	+1.00	4.00	T.	7	15	4	12	s.
Arkansas	49.7	−3.2	4.74	−0.29	3.92	1.5	7	14	9	8	s.
Mississippi	54.4	−2.7	6.15	+0.42	4.96	T.	8	14	6	11	s.
Louisiana	58.5	−2.9	4.75	+0.34	4.30	0	7	12	7	12	s.

TEMPERATURE.

Mean temperatures were below the normal throughout the district, the departures ranging from −0.9° to −7.1°. Below-zero temperatures were reported generally over the northwestern portion of the district, but over the southeastern portion minimum temperatures were generally above 25°. The highest temperature recorded, 94°, occurred at Reserve, La., and the lowest, −14°, at Lake Moraine and Buena Vista, Colo. A minimum reading of −12° was reported from Elizabethtown, N. Mex.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—Less than the normal precipitation occurred over this drainage area, except that in parts of Oklahoma, Arkansas, and the Kansas and Missouri areas there was an excess, but the amounts and the departures from the normal for the different subdivisions vary considerably. Over the headwaters of the Arkansas River in Colorado, the average from 37 stations was 0.81 inch, about 0.6 inch below the normal. The average from 44 stations in those parts of the Arkansas Valley proper that lie in Kansas and Oklahoma was 1.06 inches, about 0.5 inch below the normal. Over the headwaters of the Canadian River in New Mexico the average from 40 stations was 0.29 inch, about 0.2 inch below the normal amount. In those portions of the Canadian Valley that lie in Texas and Oklahoma the average from 31 stations was 1.60 inches, about 0.5 inch above the normal. The average from 21 stations in the Cimarron Valley was 1.02 inches, about 0.1 inch in excess of the normal amount. Over the Verdigris Valley the average from 10 stations was 1.72 inches, about 0.9 inch below the normal, and over the Neosho Valley the average from 18 stations was 2.87 inches, about 0.7 inch above the normal. Below the Oklahoma-Arkansas line the average from 16 stations in the Arkansas Valley proper was 4.30 inches, about 0.5 inch below the normal.

Red River and tributaries.—The precipitation was unevenly distributed over this drainage area. In those portions of the Red River Valley that lie in New Mexico, Texas, and Oklahoma the average from 47 stations was 1.69 inches, about 0.2 inch below the normal. Below the Texas-Arkansas line the average from 20 stations was 5.16 inches, about 0.9 inch above the normal.

Mississippi River south of St. Louis and small tributaries.—The precipitation was unevenly distributed over this drainage area. In the immediate Mississippi Valley the average from 41 stations was 5.78 inches, about 1 inch above the normal. The average from 23 stations in the Valley of the White was 5.05 inches, about 0.5 inch above the normal. Over the Yazoo Valley the average from 20 stations was 5.95 inches, about the normal amount. The average for the Valley of the Big Black was 7.55 inches, about 1.9 inches above the normal. The amounts from 18 stations in the Ouachita Valley averaged 4.80 inches, about 0.7 inch below the normal.

Louisiana coastal plain.—The precipitation was unevenly distributed over this drainage area, the average from 35 stations being 4.06 inches, about 0.2 inch above the normal.

SNOWFALL.

Snow occurred generally over the northern and western portions of the district, and the amounts were heavy in most localities for this time in the season. In the Colorado area the snowfall over the Arkansas watershed was considerably below the normal, the average depth on the ground at the close of the month at an average elevation of 9,456 feet being 16 inches, which is 9 inches less than on the same date in 1912, and the prospects at present are for less than the normal flow of water for irrigation purposes. In the New Mexico area heavy snow occurred over the main range of mountains at the headwaters of the Canadian River and its tributaries, but elsewhere over

the area the snowfall was below the normal. However, owing to the earlier snows, the average flow of irrigation water is expected.

RIVERS.

River stages in Oklahoma continued below the normal, except that there was a rapid rise in the Grand and Neosho Rivers on the 25th and 26th, due to heavy local rains. In Kansas the rivers continued low with but slight changes during the month. No high stages occurred in the Arkansas River during the month, but there was sufficient water for navigation.

Heavy rains in the Black and White River Valleys, Ark., March 21 to 26 caused moderate floods in the Black River and in the lower reaches of the White River. So far as known no damage resulted from these floods. No flood occurred in the Red River, but there was a sharp rise in the lower reaches of this stream about the middle of the month. Several sharp rises occurred during the month in the upper Ouachita, but the lower Ouachita remained nearly stationary.

The Mississippi River was rising at the close of the month at all stations below St. Louis as a result of the unprecedented flood coming out of the Ohio drainage basin. The stages in feet, on March 31, were as follows: Memphis, 36; Helena, 41.5; Arkansas City, 42; Vicksburg, 39.6; Natchez, 39.2; Baton Rouge, 29.2; Donaldsonville, 22.7; and New Orleans, 14.5.

SEVERE LOCAL STORMS, LOUISIANA.

By ISAAC M. CLINE, District Forecaster.

Local storms of unusual severity occurred in Sabine, Natchitoches, Grant, and Winn Parishes during the forenoon of March 13, 1913. The storm occurred about 9.40 a. m. near Florence, Sabine Parish; about 10 a. m. at Provencal, Natchitoches Parish; and about 10.30 a. m. in Winfield Parish. Four persons were killed near Florence and one at Provencal, and 46 persons were reported injured. At Provencal the property damage was about $50,000; but in other sections the damage was scattered and not heavy. The path of greatest destruction ranged from 300 feet to half a mile in width.

TORNADOES IN ARKANSAS, MARCH, 1913.

By H. F. ALCIATORE, Section Director.

Tornadoes occurred in parts of Union County on March 13 between 9 and 10 a. m. About 48 persons were injured, one of whom, a woman, died shortly after the storm from the result of her injuries. The greatest damage was done by the storms in the vicinity of Caledonia, Hibank, and Blanchard Springs, the loss in stores, farmhouses, etc., being estimated at $24,000. It is interesting to note that the pendent, funnel-shaped cloud, typical of tornadic disturbances, was observed in every case. The width of the path of greatest destruction varied from 100 yards at Caledonia to one-half mile at Blanchard Springs.

On March 20, between 9.30 and 10.30 p. m., tornadoes of great violence occurred at Hoxie, Gillett, Eudora, Brinkley, Walnut Ridge, Star City, McArthur, Nettleton, Newport, Wynne, Pine Bluff, and in the vicinity of McGehee, Jonesboro, and Paragould. One person was killed in the Eudora storm. Three persons were injured at Hoxie, 2 at Walnut Ridge, 2 in the vicinity of Jonesboro, and 3 near Paragould. The greater portion of the business districts were destroyed at Hoxie and Walnut Ridge, the total loss at those two places alone being estimated at $87,000. The losses at the other places named ranges from $500 to $4,000.

On March 24, about midnight, tornadoes did considerable damage at Harmony, Rumley, Powers, and the vicinity of Leslie. Three persons were killed and 13 were injured and the total loss to property was about $16,000.

SEVERE STORMS IN WESTERN TENNESSEE.

By S. C. EMERY, Local Forecaster.

During the afternoon of March 13, 1913, several violent and destructive storms occurred in northern Mississippi and western Tennessee. The regions affected in Tennessee were the counties lying immediately west of the Tennessee River and extending from the northern line of Mississippi to the counties bordering on Kentucky, comprising in all about seven counties. These storms are reported to have moved in a northeasterly direction, attended by heavy rain and an unusual amount of lightning. The path of destruction ranged from a quarter to a half mile in width. Several correspondents report a funnel-shaped cloud traveling at a rapid rate with a bounding motion, striking the earth and rising again, and again descending. At times it appeared to merge into the clouds which were low and threatening.

These storms occurred in connection with the passage of a low-pressure area of unusual energy, the center of which moved from Amarillo, Tex., at 7 a. m. (March 13) to central Iowa, at 7 p. m., where the pressure at that hour was 29.24 inches. At the time the Tennessee storms were in progress, the center of the barometric depression was probably over Kansas, and heavy rains were falling in Louisiana, Mississippi, Alabama, Georgia, and portions of Tennessee. To the south and east of the center of disturbance the temperature ranged from 60° to 70°, while in South Dakota and western Nebraska had fallen to 20° to 30° and was snowing heavily.

The most destructive storm of the series and which without doubt was a tornado, probably originated in Lafayette County, Miss., near the town of Oxford from which place it moved northeastward and passed about 2 miles west of Hickory Flat, Miss., at 12.30 p. m., where 12 houses were destroyed and one person killed and much farm property damaged or destroyed. The storm next appeared at the southwestern corner of Hardeman County, Tenn., near Middletown, where 5 persons were killed and at least 20 buildings destroyed. From Middletown the storm passed on through the northern portion of McNairy County, destroying 10 buildings near Finger and McNairy in that county, but no fatalities are reported. It passed about 7 miles to the east of Henderson, Chester County, Tenn., causing the death of 3 persons and blowing down some farm buildings, fences, etc., along its path, reaching Lexington, Tenn., at 2.15 p. m. At this place 100 or more buildings were destroyed, 57 being residences, some of which were the most substantial in the city, while shade trees that had ornamented the town for generations were strewn in all directions. As far as known, only 3 persons were killed at this place. From Lexington the storm continued its northeasterly course through the southeast corner of Carroll County, striking the town of Cavvia, where several buildings were destroyed. At Cavvia the storm cloud is reported to have been funnel-shaped and very destructive wherever it came in contact with the earth. The next town in the path of the storm was Camden, Benton County, Tenn., where about 40 buildings were destroyed, one man lost his life, and several persons were seriously injured.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Colorado.																				
Buena Vista	Chaffee	7,955	13	29.4	− 5.8	63	31	− 14	26	42	0.60	− 0.09	0.20	7.0	3	18	5	8	nw.	C. A. Short.
Calhan	El Paso	6,700	6	32.2		68	31	0	27	50[d]	0.22		0.15	3.0	2	18[d]	2[d]	7[d]	sw.	H. B. Rice.
Canon City	Fremont	5,343	25	39.1	− 3.8	77	31	10	21†	48	0.53	− 0.31	0.24	0.0	3	26	2	3	ne.	U. S. Weather Bureau.
Colorado Springs	El Paso	6,098	33	34.3	− 3.9	66	31	− 1	26	43	0.44	− 0.29	0.20	8.2	7	19	6	6	sw.	Colorado College.
Cripple Creek	Teller	9,396	12								0.94	− 0.31	0.40	12.8	5					F. G. Willis.
Cuchara Camps	Huerfano	8,200	4								1.51		0.59	16.2	8	22	7	2	sw.	George A. Mayes.
Eads	Kiowa	4,209	6	35.2		67	11	15	1†	37	0.25		0.25	2.5	1	21	7	3	n.	Mrs. Mattie A. Kerr.
Fairview	Custer	9,500	4								1.46		0.43	20.2	5	18	10	3	e.	Elizabeth L. Grey.
Fremont Exp. Station	El Paso	8,850	3	26.6		58	31	− 7	26	32	1.04		0.17	19.0	10	9	12	10	nw.	U. S. Forest Service.
Garfield	Chaffee	9,510	3								1.81		0.40	21.5	11	17	5	9	w.	Lloyd N. Felton.
Hamps	Elbert	5,400	20	33.6	− 2.5	75	31	− 4	26	48	0.35	− 0.53	0.15	5.0	3	17	9	5	n.	W. Hamp.
Hermit Lake	Custer	10,000	3								3.65		0.84	44.0	9	15	7	9	sw.	John E. Graham.
Hoehne (near)	Las Animas	5,700	21	39.7	− 0.5	78	31	5	1	43[a]	0.29	− 0.36	0.13	0.0	3	18	6	7	w.	S. W. De Busk.
Holly	Prowers	3,380	18	42.8	− 2.0	82	30	2	1	52	0.05	− 0.43	0.05	2.0	1	29	1	1	s.	Holly Sugar Co.
Lake Moraine	El Paso	10,265	19	21.6	− 4.5	51	31	− 14	26	35	1.42	− 0.63	0.35	30.0	8	17	9	5	sw.	Clyde C. McReynolds.
Lamar	Prowers	3,592	23	41.6	− 2.0	81	30	7	1	49	0.40	− 0.48	0.40	4.0	1	24	4	3	n.	J. T. Lawless.
Las Animas	Bent	3,899	45																	F. M. Tague.
La Veta Pass	Costilla	9,000	3								1.24		0.80	14.2	3	9	13	9	sw.	Clara M. Wright.
Leadville	Lake	10,248	17	19.9	− 4.2	47	31	− 9	15	35	0.77	− 1.08	0.21	10.4	12	9	16	6	w.	U. S. Weather Bureau.
Limon (near)	Elbert	5,360	6	33.7		72	30†	− 6	26	45	0.11		0.06	1.5	2	20	6	5	sw.	F. L. Palmer.
Madrid	Las Animas	6,361	3								0.58		0.27	5.9	5					Thomas Sawers.
Marshall Pass	Saguache	10,846	10								1.50	− 0.72	0.26	18.0	8	13	6	12		W. L. Williams.
Maxey	Baca										0.41		0.20	7.0	3	11	13	7	sw.	L. H. Alberti.
Monument	El Paso	7,200	2	28.6		58	18	− 12	26	57[c]	1.02		0.46	13.0	4	14[c]	8[c]	6[c]	w.	U. S. Forest Service.
North Lake	Las Animas	8,700	21								1.70	− 0.06	0.50	18.0	5	19	10	2	nw.	James W. Ingmire.
Pueblo	Pueblo	4,734	25	39.7	− 0.9	78	31	10	21	48	0.21	− 0.65	0.12	2.5	6	16	12	3	nw.	U. S. Weather Bureau.
Rocky Ford (near)	Otero	4,177	24	39.5	− 1.7	77	30†	0	1	54	T.	− 0.62	T.	T.	0	20	6	5	e.	P. K. Blinn.
St. Elmo	Chaffee	9,500	4								1.42		0.38	22.0	10	17	5	9	sw.	Daniel Clark.
Salida	do.	7,035	14	34.4	− 2.6	66	31	3	26	42	0.08	− 0.72	0.04	1.0	2	23	4	4	w.	M. D. L. Buell.
Santa Clara	Huerfano	8,252	18																	Lincoln G. Morris.
Sheridan Lake	Kiowa	4,065	11																	Howard Gamble.
Stonewall	Las Animas	8,000	7								0.91		0.35	13.9	7	9	7	15	w.	G. A. Storz.
Trinidad	do.	5,994	17	39.2	− 3.5	75	31	8	26	45	0.66	+ 0.10	0.30	11.5	5	9	18	4	sw.	Walter Dearden.
Two Buttes	Baca	4,100	2	40.8		76	30	7	1	47	0.37		0.20	3.7	2	17	10	4	sw.	N. G. Jones.
Two Buttes Reservoir	do.	4,250									0.05		0.05	0.1	1	10	16	5	se.	Walter J. Krohne.
Victor (near)	Teller	10,100	9	24.2		54	31	5	26	31	1.00		0.40	17.3	6	20	7	4	w.	Fred Jones.
Vilas	Baca	3,935	22																	David Konkel.
Westcliffe	Custer	7,864	19	30.7	− 2.9	68	31	− 10	26	58	0.33	− 0.94	0.25	7.2	3	16	9	6	sw.	Zack Jordan.
Winfield	Chaffee	9,765	3								0.54		0.13	12.4	12	9	16	6	w.	John G. Payne.
Woodman Sanatorium	El Paso		2	34.0		69	31	− 2	21	42	0.67		0.25	7.5	4	20	9	2	nw.	*Woodman Sanatorium.*
Wortman	Lake	11,250	12								1.27	− 2.89	0.20	25.0	11	1	15	15	nw.	George C. Wortman.
Yoder	El Paso		2								0.18		0.10	2.0	3	24	2	5	sw.	J. E. Bingham.
New Mexico.																				
Abbott	Mora	5,771	4			77	31	7	27		0.15		0.08	2.0	2	13	16	2	s.	Agent E. P. & S. W. R. R.
Albert	Union	4,700	23	42.8	− 5.0	75	31	11	16†	45	0.03	− 0.45	0.03	0.3	2	10	19	2	w.	Martin De Smet.
Aurora	Colfax	8,849	4								1.12		0.68	13.0	8	4	19	8	nw.	Miss J. Lucero.
Bell Ranch	San Miguel	4,500	14	44.0	− 5.1	82	30	10	1†	57	0.20	− 0.19	0.12	1.0	3	12	11	8	w.	C. M. O'Donel.
Black Lake	Colfax	8,348	4								0.55		0.27	5.7	5	7	18	6	w.	Ralph T. Martinez.
Cabeza	San Miguel	5,405	4								0.17		0.17	1.0	1	8	21	2	sw.	Agent E. P. & S. W. R. R.
Campana	do.	4,493	4	45.0		80	30	14	16†	48	0.10		0.05	1.0	2	17	12	2	sw.	Do.
Chacon	Mora	9,000	4								0.65		0.53	5.9	2	8	20	3	w.	Alfredo Lucero.
Cimarron (near)	Colfax	6,385	9	38.1		75	31	− 2	26	51	0.95		0.78	8.5	3	14	9	8	w.	William French.
Clayton	Union	5,178	8	41.6		76	30	5	21	47	0.10		0.10	1.0	1	19	9	3	sw.	Dr. N. E. Charlton.
Clovis	Curry	4,129	2	43.4		68	22†	16	11	40	0.04		0.04	0	1	22	4	5	sw.	John H. Barry.
Cuervo	Guadalupe	4,849	4	42.9		76	31	16	26	42	0.07		0.07	1.0	1	22	1	8	sw.	Agent E. P. & S. W. R. R.
Dawson	Colfax	6,396	4	38.4		78	31	10	26	48	0.25		0.18	4.5	2	14	12	5	n.	Do.
Elizabethtown	do.	8,465	8	26.4		61	31	− 12	27	53	1.39		1.05	15.5	4	14	5	12	nw.	Miss M. Carrington.
Folsom	Union	6,399	13	37.2	− 2.5	73	31	− 3	26	45	0.92	+ 0.23	0.42	9.5	4	18	6	7	sw.	David Rope.
Fort Union	Mora	6,835	53	34.7	− 6.0	70	31	− 4	26	48	0.46	− 0.07	0.28	6.5	3	23	1	7		M. C. Needham.
Hayden	Union	4,444	3	42.9		78	30	7	21	49	0.27		0.13	2.5	3	13	15	3	sw.	James B. Dickson.
Hoosier Ranch	Mora		2								T.		T.	0	0	14	17	0	sw.	W. H. Guthman.
Johnsons Park	Colfax	6,722	4																	A. J. Meloche, jr.
Johnsons Ranch	Mora	5,784	1								0		0	0	0	27	4	0		J. W. Johnson.
Kappus	Quay	4,010	2								0.24		0.12	3.0	3					Anthony Kappus.
Lake Alice	Colfax	7,160	4																	Jesse Rickman.
Logan	Quay	3,851	7	45.4[e]		84	30	15	2	52[e]	0.13		0.13	2.0	1	27	3	1	sw.	John B. Reneau.
Lykins (near)	Roosevelt	5,000	3								0.20		0.16	1.0	3	21	10	0	sw.	J. G. Buchanan.
Maxwell (near)	Colfax	5,894	6								0.07		0.07	1.0	1					Dan N. Jackson.
Melrose	Curry	4,400	5								0.30		0.19	2.0	2					Dr. B. M. Porter.
Miami Ranch	Colfax	6,000	5	37.8		75	31	4	26	48	0.77		0.57	5.0	2	14	14	3	w.	Farmers Development Co.
Mills (near)	Mora	5,985	2								0.02		0.02	0	1	18	7	6	sw.	J. E. La Rue.
Montoya	Quay	4,335	4								0.33		0.20	2.0	2	17	6	8	w.	Agent E. P. & S. W. R. R.
Mount Dora (near)	Union	5,600	2																	Edwd. F. Grygla.
Nara Visa	Quay	4,225	7	43.7		82	31	10	21	46	0.24		0.14	2.0	2	17	7	7	w.	Willard Belknap.
Palo Verde	Mora	5,880	2								0.02		0.02	0.3	1	1	30	0	sw.	G. R. Abernathy.
Pasamonte	Union		4								0.02		0.02	0.3	1	8	16	7	w.	J. J. Heringa.
Pleasant View	Mora		2								0.05		0.03	1.0	2					R. W. Boulware.
Portales	Roosevelt	4,004	3																	Portales Irrigation Co.
Raton	Colfax	6,660	15	36.3	− 4.0	70	31	7	.27	46	0.47	− 0.09	0.25	6.5	2	14	9	8	nw.	S. A. Wiseman.
Rociada	San Miguel	8,200	9	35.5		72	31	4	8†	47	0.57		0.45	9.0	2	11	18	2	w.	J. E. Dailey.
Rosebud	Union	4,500	2								0.12		0.12	0	1					H. A. Nachtrieb.
Roy	Mora	5,884	4			72	29†	10	21†	58	0.05		0.05	T.	1	12	14	5	sw.	Agent E. P. & S. W. R. R.
Roy (near)	do.	5,880	2								0.05		0.03	0.8	2	13	8	10	sw.	Baum Bros.
St. Vrain (near)	Curry	4,300									0.11		0.08	1.0	2					S. A. Dow.
San Jon	Quay	4,200	6	44.7		82	30	11	21	45	0.14		0.09	1.5	2	20	8	3	sw.	Jesse T. White.
Salono	Mora	5,622	4	38.9		74	31	6	21	52	0.05		0.04	0.5	2	22	7	2	sw.	F. M. Hughes.
Springer	Colfax	5,857	21	38.6	− 3.3	73	30†	7	26	51	0.21	− 0.16	0.14	1.0	2	18	13	0	w.	Agent A. T. & S. F. R. R.
Taylor	do.	5,661	4	39.8		72	30	12	2	42	0		0	0	0	16	15	0	sw.	Agent E. P. & S. W. R. R.
Texico (near)	Roosevelt	4,038									0.20		0.20	0	1					A. L. King.
Trementina	San Miguel	5,000	5								0.36		0.10		4	13	17	1	sw.	Miss Alice Blake.
Tucumcari	Quay	4,194	8	46.9		84	30	19	26	45	0.16		0.16	2.0	1	24	6	1	e.	John F. Seaman.
Valley	Union	5,000	5	39.6		68	4†	9	2	45	0.84		0.25	13.0	7	14	15	2	s.	Miss M. L. Payne.
Vance (near)	do.		2								0.12		0.10	0.3	2	15	12	4	sw.	C. E. Anderson.
Vermejo Park	Colfax	7,600	8	30.8		65	30	− 3	14	54	0.80		0.40	10.5	4	14	5	12	nw.	H. W. Adams.
Wagon Mound (near)	Mora	6,300	4	37.6		72	31	7	1†	52	0.23		0.15	2.5	3	14	9	8	sw.	Guy L. Barnes.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Texas.																				
Amarillo	Potter	3,676	21	43.3	− 1.7	80	30	10	24	44	0.59	− 0.06	0.48	5.4	5	22	9	0	sw.	U. S. Weather Bureau.
Archer City	Archer		2								0.98		0.58	T.	5	17	9	5	s.	Charles H. Thuman.
Arthur City	Lamar	590	21								1.55	− 2.79	0.80	0	3					C. A. Lowrey.
Bonham	Fannin	566	9	52.0		88	31	21	1	40	2.38		1.00	0	7	11	8	12	s.	H. M. Norman.
Canadian	Hemphill	2,339	6	43.9		85	30	15	27	47	0.83		0.34	4.0	4	18	3	10	s.	R. M. Hibbard.
Childress	Childress	1,869	20								2.03	+ 1.08	0.85	2.5	4	13	5	13	s.	George Baker.
Chillicothe	Hardeman	1,406	5								1.12		0.40	2.0	3					C. W. Underwood.
Clarendon	Donley	2,719	8	45.2		85	30	14	21	46	0.85		0.31	4.0	6	14	10	7	sw.	Whitfield Carhart.
Clarksville	Red River	442	13	53.0[e]	− 6.6	85	25	25	1	49[b]	2.47	− 2.12	1.27	0	2	12[d]	2[d]	13[d]		J. W. O'Neill.
Claude	Armstrong	3,397	8								0.14		0.10	1.0	2					Ft. W. & D. C. Ry.
Dalhart	Dallam	3,998	8	40.6		80	30	7	21	54	0.10		0.10	1.0	1					W. D. Griggs.
Denison	Grayson		13								1.38	− 1.54	0.70	0	7	11	1	19	s.	J. L. Wilson.
Finley	Bowie		3								3.00		1.40	0	3	17	0	14	s.	Robert L. Smith.
Henrietta	Clay	915	21	50.8	− 4.3	90	31	17	1	44	1.95	+ 0.23	0.90	T.	5	19	2	10	s.	C. K. Brown.
Jefferson	Marion	219	7								5.32		2.00	0	6	15	9	7	sw.	J. C. Kistenmacher.
Memphis	Hall	2,067	8								2.30		1.00	3.0	3	12	3	16	n.	Ft. W. & D. C. Ry.
Miami	Roberts	2,743	10	44.6		82	30	11	15	48	0.44	− 0.15	0.24	2.0	2	20	8	3	s.	J. E. Kinney.
Ochiltree	Ochiltree		10																	S. J. Allen.
Panhandle	Carson	3,450	4																	J. Sid O'Keefe.
Paris	Lamar	592	24	49.4	− 7.3	86	31	22	1†	42	3.03	− 0.37	1.05	T.	9	11	9	11	n.	Robert A. Miller.
Plemons	Hutchinson		6	42.9		84	30	6	27	51	0.42		0.23	1.0	2	15	8	8	n.	C. S. Solomon.
Quanah	Hardeman	1,563	11	52.0	− 0.1	86	29	18	1	54	0.57	− 0.79	0.30	3.0	4	20	1	10	s.	William H. Crawford.
Ringo Crossing	Hopkins		3								1.26		0.55	0	4	18	1	12	nw.	H. J. Palmer.
Romero	Hartley	4,056	3	42.6		82	30	11	16	49	0.45		0.25	2.0	2	15	14	2	sw.	R. S. Chamberlain.
Sherman	Grayson	745	20	50.8	− 5.5	79	24†	22	1	46	3.06	0.00	1.35	T.	5	12	7	12	s.	R. A. Gibbs.
Stratford	Sherman	3,699	1	41.6		83	30	9	1	50	0.15		0.10	1.5	2	13	12	6	s.	J. W. Elliott.
Tulia	Swisher	3,501	15	45.2	− 4.6	82	30	10	27	48	0.64	− 0.90	0.26	2.5	4	14	13	4	s.	Lou Mulhall.
Wellington	Collingsworth		1								1.40		0.70	3.0	4					J. D. Camp.
Wichita Falls	Wichita	958	21																	J. C. Mytinger.
Winfield	Titus		3								2.25		1.40	T.	4	14	11	6	nw.	J. B. Newberry.
Kansas.																				
Alden	Rice	1,684	3								0.18		0.12	2.0	3	18	4	9	nw.	Geo. Klady.
Anthony	Harper	1,329	16	43.8	− 2.8	87	30	9	1	50	0.34	− 0.79	0.15	0.2	4	6	18	7	sw.	R. H. Beebe.
Ashland	Clark	1,951	25	43.6		85	30	6	1	50	0.54	− 0.37	0.20	1.5	6	18	9	4	s.	C. W. Carson.
Burlington	Coffey	1,010	20	40.3	− 5.1	78	30	− 1	1	42	1.72	− 0.31	0.68	T.	6				s.	O. E. Sanford.
Chanute	Neosho	940	9	41.8		73	30	5	1	40	2.09		0.71	1.0	8	5	17	9	sw.	C. W. Brown.
Cimarron	Gray	2,700	1	41.0		84	30	− 4	1	46	0.13		0.10	1.0	2	20	8	2	s.	C. C. Isely.
Coffeyville	Montgomery	747	3	42.9		74	23†	11	27	38	5.18		3.24	3.0	8	12	12	7	s.	A. F. Briggs.
Coldwater	Comanche	2,090	16	42.6	− 3.2	82	30	8	21	40	0.50	− 0.47	0.50	T.	1	22	4	5	s.	J. L. Stanley.
Columbus	Cherokee	898	23	41.6	− 4.8	70	23	1	1	36	5.45	+ 2.11	3.75	8.2	10	11	10	10	sw.	O. E. Skinner.
Coolidge	Hamilton	3,348	16	40.9	− 1.1	83	29	− 4	1	51	0.24	− 0.02	0.24	2.0	1	17	9	5	sw.	W. R. Padley.
Cottonwood Falls	Chase	1,234	9	39.6		82	30	− 1	1	42	0.95		0.34	2.2	9	12	9	10	s.	E. B. Greene.
Council Grove	Morris	1,234	4	38.7		83	30	− 4	2	41	0.76		0.64	2.0	4	10[e]	7[e]	11[e]	s.	J. P. Blackledge.
Cunningham	Kingman	1,680	29	41.6	− 2.6	83	30	10	1†	44	0.27	− 0.83	0.25	0.2	2	15	9	7	s.	W. H. Morton.
Dodge City	Ford	2,513	39	40.0	− 1.7	84	30	2	1	41	0.23	− 0.65	0.19	2.5	2	16	10	5	nw.	U. S. Weather Bureau.
El Dorado	Butler	1,291	11	40.8		82	30	4	1	43	0.92		0.50	2.2	6	15	11	5	s.	W. Y. Miller.
Ellinwood	Barton	1,790	38	41.2	− 1.1	86	30	1	1	45	0.48	− 0.71	0.31	1.3	3	9	15	7	sw.	Martin Musil.
Emporia	Lyon	1,138	32	40.2	− 3.2	81	30	2	2	36	1.27	− 0.62	0.45	4.0	7	12	12	7	sw.	W. H. Boyles.
Eureka	Greenwood	1,079	17	39.9		79	30†	1	1	41	0.57	− 1.34	0.23	3.0	5	14	15	2	sw.	Mrs. T. C. Peffer.
Fall River	do	925	17	41.7	− 4.3	77	30	0	1	40	1.00	− 1.38	0.50	0.5	5	17	11	3	s.	J. McDaniel.
Fargo	Seward		3								0.30		0.20	3.0	2	23	4	4	s.	N. B. Swink.
Fredonia	Wilson	975	10	45.4		75	30	5	1	38	1.93		0.68	2.5	9	16	5	10	s.	B. W. Holmes.
Garden City	Finney	2,836	24	40.4	− 0.7	84	30	− 4	1	47	0.50	− 0.36	0.50	0.5	1	18	5	8	s.	B. F. Stocks.
Great Bend	Barton	1,850	4								0.43		0.43	0.5	2	15	9	7	sw.	I. Pritchard.
Greensburg	Kiowa	2,235	6	41.0		84	30	4	1	48	0.03		0.03	T.	1	19	7	5	s.	C. C. Raymond.
Grenola	Elk	1,116	25	41.5	− 5.2	78	30	1	1	44	1.07	− 0.91	0.33	1.0	7	13	11	7	sw.	W. H. Lawyer.
Howard	do	1,112	6	41.6		76	30	3	1	43	1.14		0.78	0.5	4	17	6	8	sw.	J. W. Eby.
Hugoton	Stevens		9																	E. R. Kimzey.
Hutchinson	Reno	1,535	23	39.8	− 5.8	86	30	7	1†	49	1.57	+ 0.24	0.55	1.2	6	15	4	9	sw.	Sheridan Ploughe.
Independence	Montgomery	800	39	43.5	− 3.0	73	23†	− 1	1	37	2.56	+ 0.16	0.86	2.1	9	12	8	11	s.	F. L. Kenoyer.
Iola	Allen	984	7	39.8	− 2.6	72	30	5	1	36	2.13	− 0.22	0.82	3.4	12	15	8	8	s.	U. S. Weather Bureau.
Irene	Hamilton	3,440	3	40.2		82	30	4	2	54	0.10		0.10	T.	1	15	7	9	nw.	N. M. Herbig.
Jetmore	Hodgeman	2,268	12	40.6	− 1.6	85	30	− 2	1	51	0.05	− 0.73	0.03	1.0	2	16	10	5	s.	James Aiken.
Kingman	Kingman	1,504	5	42.6		85	30	2	1	44	0.44		0.15	4.0	4	20	6	5	sw.	B. B. Anawalt.
La Crosse	Rush	2,061	11	39.8	− 2.7	84	30	0	1†	50	0.16	− 0.41	0.09	1.0	2	19	9	3	nw.	Rodney Torrey.
Lakin	Kearney	2,993	23	38.6	− 3.7	81	30	− 4	1	48	T.	− 0.59	T.	T.	0	19	9	3	s.	C. H. Longstreth.
Larned	Pawnee	2,090	28	42.0		85	30	1	1	47	0.15	− 0.48	0.10	0.5	2	19	6	6	n.	H. H. Wolcott.
Lebo	Coffey	1,138	27	38.7	− 4.5	78	30	2	1	39	1.45	− 0.87	0.56	2.2	9	13	12	6	s.	J. J. Bowman.
Le Roy	do	990	4								1.22		0.60	2.0	10	14	2	15	s.	F. W. Schmitt.
Liberal	Seward	2,843	6	44.7		83	30	6	21	53	0.05		0.05	0.5	1	21	2	8	ne.	Dr. R. T. Nichols.
Macksville	Stafford	2,032	24	41.0	− 2.4	82	30	− 4	1	47	0.24	− 0.49	0.22	0.5	2	16	9	6	n.	Mrs. Nelia Poling.
McPherson	McPherson	1,495	24	39.6	− 4.1	85	30	0	2	47	0.77	− 0.62	0.20	4.0	7	20	3	8	sw.	Ed. F. Haberlein.
Madison	Greenwood	1,074	12			83	30				0.62	− 1.44	0.25	2.0	3	8	18	5	nw.	C. A. David.
Marion	Marion	1,310	20	40.7	− 3.5	86	30	0	1	46	0.43	− 1.03	0.13	3.5	6	10	18	3	sw.	Jerry Forney.
Medicine Lodge	Barber	1,259	20	42.8	− 4.2	88	30	2	1	57	0.42	− 0.53	0.38	0.5	2	18	9	4	s.	S. P. Garrison.
Minneola	Clark	2,558	1								0.27		0.15	1.5	4	11[f]	6[f]	8[f]	ne.	A. P. Reece.
Mount Hope	Sedgwick	1,410	16								0.04	− 1.24	0.04	T.	1	17	7	7	s.	H. N. Renfrew.
Neosho Rapids	Lyon	1,092	8								1.42		0.45	1.0	6	13	4	14	nw.	W. H. McMullin.
Ness City	Ness	2,260	20								0.13	− 0.35	0.10	1.5	2					J. K. Barnd.
Newton	Harvey	1,454	16	40.8	− 5.5	85	30	4	1	46	0.20	− 1.17	0.07	1.5	4	15	10	6	sw.	H. A. Brush.
Norwich	Kingman	1,496	17	42.4	− 3.6	85	30	6	1	45	0.19	− 1.03	0.14	T.	2	12	15	4	sw.	N. I. Farris.
Oswego	Labette	899	19	42.2	− 5.6	71	23†	0	1	37	4.41	+ 1.44	3.07	6.0	8	10	12	9	sw.	Jas. M. Currigan.
Plains	Meade	2,766	3	41.8		81	30	2	1	45	T.		T.	T.	0	17[e]	6[e]	3[e]		E. J. Henning.
Pratt	Pratt	1,950	18	42.2	− 2.5	84	23†	4	1	50	0.95	+ 0.12	0.85	1.0	3	12[e]	12[e]	4[e]	n.	T. J. Arnold.
Richfield	Morton		2	40.2	− 1.5	80	30	3	21	53	0.35	− 0.31	0.35	3.0	1					M. J. Allen.
Rome	Sumner	1,218	27	42.4	− 3.9	83	30	4	1	49	0.99	− 0.57	0.42	2.5	6	16	5	10	s.	D. M. Adams.
Sedan	Chautauqua	834	28	43.2	− 4.1	75	30	0	1	38	1.99	− 0.38	0.52	4.5	6	16	12	3	s.	A. Y. Buckles.
Toronto	Woodson	1,040	16	40.6	− 4.2	80	31	1	1	45	1.10	− 1.08	0.63	1.5	3	13	6	12	s.	M. A. Webb.
Ulysses	Grant	3,050	22	40.8	− 3.0	84	30	− 7	1	52	0.20	− 0.30	0.20	2.0	1	11	14	6	n.	T. W. Marshall.
Walnut	Crawford	940	11	40.2	− 6.4	68	31	3	1	33	3.16	+ 0.13	1.10	7.0	6	15	10	6	sw.	R. C. Harlan.
Wellington	Sumner	1,225	17	43.4	− 2.1	83	30†	6	1	43	0.70	− 0.63	0.30	1.5	5	16	12	3	s.	E. O. G. Kelly.
Wichita	Sedgwick	1,377	26	40.8	− 3.3	82	30	9	1	44	0.30	− 1.95	0.11	1.2	7	12	13	6	s.	U. S. Weather Bureau.
Winfield	Cowley	1,124	19	41.9	− 5.1	77	30	5	1	45	1.59	− 0.01	0.63	1.2	8	24	4	3		M. B. Light.
Yates Center	Woodson	1,068	34																	J. W. Tipton.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Oklahoma.																				
Ada	Pontotoc	1,001	5	47.8	.....	79	24†	9	1	38	2.40	.....	0.90	4.0	4	13	12	6	s.	H. P. Sugg.
Alva	Woods	1,350	8	44.6	.....	86	30	8	1	49	1.05	.....	0.80	T.	3	11	15	5	n.	S. A. Stech.
Apache	Caddo	1,255	3	46.8	.....	82	30	6	1	45	2.65	.....	0.50	5.0	9	19	6	6	sw.	G. D. Teeter.
Arapaho	Custer	1,575	19	46.8	− 4.8	87	19	− 1	1	51	1.65	+ 0.60	0.60	2.0	5	27	1	3	s.	J. C. Brower.
Ardmore	Carter	872	11	48.8	− 7.5	83	31	15	15	43	1.43	− 0.91	0.55	T.	6	17	7	7	s.	H. T. Nisbett.
Bartlesville	Washington	687	5	44.8	.....	76	23	5	1	35	4.04	.....	1.75	6.0	7	15	5	11	sw.	Dr. A. P. Owens.
Beaver	Beaver	2,500	16	42.3	− 6.1	79	23	9	21	57	0.19	− 0.61	0.10	1.2	3	25	1	5	s.	W. C. Frazer.
Blackburn	Pawnee	800	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Bertha Parks.
Cache	Comanche	1,350	7	45.8	.....	81	30	6	1	47	1.65	.....	0.55	0.5	4	18	10	3	n.	Mrs. Frank Rush.
Calvin	Hughes	713	8	.....	.....	.....	.....	.....	.....	.....	1.59	.....	0.54	0.3	8	14	0	17	s.	Thomas Purcell.
Chandler	Lincoln	865	11	45.0	− 9.4	79	....	5	....	58[b]	3.99	+ 2.37	1.87	6.5	5	16	2	11	n.	Chas. L. Kern.
Chattanooga	Comanche	1,150	7	47.2	.....	82	30	13	1	45	1.54	.....	0.58	2.0	6	17	8	6	se.	Squire Humble.
Chickasha	Grady	1,091	11	47.4	− 9.3	80	30	13	27	40	3.16	+ 1.62	1.20	3.6	9	18	3	10	s.	Anna W. O'Neil.
Cloud Chief	Washita	1,400	11	47.8[f]	− 7.6	82	....	− 4	1	47[m]	3.36	+ 1.53	1.05	5.0	7	15	12	4	s.	J. P. Stutzman.
Crawford	Roger Mills	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. W. Blackburn.
Durant	Bryan	643	11	48.4	− 7.9	83	31	19	1	42	1.55	− 1.99	0.82	0	6	16	9	6	n.	Nelson Houk.
Eldorado	Jackson	1,456	6	48.5	.....	85	30	16	1	48	2.02	.....	0.61	4.0	5	16	12	3	ne.	T. W. Lanham.
Elk City	Beckham	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. J. Carlile.
El Reno	Canadian	1,400	21	46.2[f]	− 4.7	82	....	16	....	40	2.94	+ 0.92	0.80	2.0	8	14[a]	8[c]	4[c]	n.	Rose E. Walker.
Enid	Garfield	1,269	11	45.6	− 6.0	81	31	14	1	48	1.62	− 0.07	0.40	4.0	6	17	10	4	s.	Uri B. Worcester.
Erick	Beckham	2,058	8	47.4	.....	84	30	8	1	47	2.04	.....	1.16	3.5	4	19	10	2	s.	A. W. Hanes.
Eufaula	McIntosh	566	....	48.0	.....	79	31	19	1	39	1.16	.....	0.50	0.4	6	17	6	8	s.	R. Uhl Brown.
Fairland	Ottawa	839	13	44.0	− 7.8	73	....	5	....	38[a]	3.87	+ 0.83	1.63	8.0	9	10	11	10	s.	C. W. Prier.
Fort Gibson	Muskogee	556	8	.....	.....	.....	.....	.....	.....	.....	1.99	.....	0.52	2.5	10	12	0	19	e.	John T. Welsh.
Frederick	Tillman	1,293	6	49.2	.....	85	30	15	1	49	1.32	.....	0.48	1.0	6	15	11	5	sw.	B. B. Bradley.
Geary	Blaine	1,546	1	45.6	.....	81	30	5	1	42	2.29	.....	0.68	2.2	8	22	5	4	sw.	O. P. Ruth.
Goodwell	Texas	3,300	2	42.8	.....	82	30	6	21	48	0.10	.....	0.10	1.0	1	18	5	8	s.	S. W. Black.
Guthrie	Logan	1,000	20	47.4	− 4.5	79	30	4	1	38	4.45	+ 2.19	1.75	6.0	8	24	0	7	s.	S. E. Snyder.
Guymon	Texas	3,133	3	.....	.....	.....	.....	.....	.....	.....	0.50	.....	0.35	4.6	3	15	9	7	s.	A. L. Mordt.
Hartshorne	Pittsburg	700	14	49.5	− 6.4	80	31	19	3†	39	2.47	− 0.77	1.00	T.	5	17	11	3	s.	Frank Webber.
Healdton	Carter	900	19	49.2	− 6.0	85	24	11	2	47	1.57	− 0.85	0.65	3.0	6	11	15	5	s.	C. H. Heald.
Helena	Alfalfa	1,396	5	44.8	.....	87	23	9	1	48	0.77	.....	0.50	T.	3	15	9	7	s.	J. G. McCall.
Hennessey	Kingfisher	1,166	18	45.4	− 6.0	83	24	14	27	46	1.74	− 0.05	0.60	4.0	5	7	15	9	s.	Mrs. M. C. Parks.
Hobart	Kiowa	1,396	10	47.0	.....	82	23	5	1	47	2.63	.....	0.57	5.8	7	16	14	1	s.	J. M. Pate.
Holdenville	Hughes	900	12	47.6	− 8.2	77	31	8	1	38	1.98	− 0.15	0.67	2.0	4	15	11	5	s.	Eula Rutherford.
Hooker	Texas	3,038	7	41.9	.....	83	30	8	1†	49	0.10	.....	0.10	T.	1	13	4	14	s.	H. N. Kelly.
Hugo	Choctaw	.....	....	50.0	.....	84	31	24	1	43	2.40	.....	0.68	T.	7	16	11	4	s.	G. C. Montgomery.
Hurley	Cimarron	4,200	5	42.0	.....	77	31	8	27	52	T.	.....	T.	T.	0	12	16	3	s.	Dr. C. W. Meyers.
Idabel	McCurtain	474	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	M. L. Henderson.
Jefferson	Grant	1,062	19	42.6	− 6.4	82	30	6	1	50	1.16	− 0.14	0.37	0.8	6	14	12	5	s.	T. E. Beck.
Kenton	Cimarron	4,000	12	42.6	− 3.5	77	30	8	21	48	0.45	− 0.18	0.20	4.5	5	13	12	6	se.	Wm. H. Guy.
Kingfisher	Kingfisher	1,046	16	46.9	− 4.9	84	30	1	1	47	2.60	+ 0.41	1.08	4.0	11	14	13	4	s.	J. C. Cross.
Lawton	Comanche	1,111	....	47.8	.....	83	30	12	15	45	2.07	.....	0.50	5.0	9	15	13	3	s.	F. C. Davis.
Lawtonka Lake	....do	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.17	.....	0.50	2.0	7	.....	.....	.....	.....	W. F. Stuart.
McAlester	Pittsburg	698	16	49.2	.....	80	31	19	1	39	2.25	− 1.29	0.87	3.8	8	15	1	15	s.	Wm. Noble.
Mangum	Greer	1,585	20	47.6	− 5.1	84	24†	17	21	49	2.05	+ 1.32	0.60	6.0	4	20	7	4	se.	F. D. Dodson.
Marlow	Stephens	1,292	12	44.2	−10.4	87	14	10	1	50	3.10	+ 1.22	1.00	6.0	5	23	1	7	s.	Wm. B. Anthony.
May	Harper	.....	1	43.7	.....	86	30	0	1	49	T.	.....	T.	T.	0	21	0	10	n.	G. C. Gray.
Meeker	Lincoln	1,030	19	44.8	− 6.7	80	31	0	1	45	4.07	+ 2.10	1.02	12.0	6	15	5	11	s.	Dr. J. H. Baugh.
Muskogee (1)	Muskogee	.....	....	47.8	− 5.5	78	31	17	27	40	1.28	− 1.55	0.61	2.0	3	16	5	10	nw.	J. Harry Randall.
Muskogee (2)	....do	614	14	43.6	.....	78	31	17	1	46	1.41	.....	0.54	0.8	8	13	4	14	nw.	U. S. Weather Bureau.
Mutual	Woodward	.....	5	43.6	.....	88	20	2	1	53	0.15	.....	0.15	3.0	1	20	4	7	s.	Thos. Martin.
Neola	Caddo	1,500	7	47.0	.....	84	31	8	1	44	1.62	.....	0.74	5.0	4	21	3	7	s.	R. N. Schooling.
Newkirk	Kay	1,149	15	44.9	− 5.2	78	31	7	1	52	0.65	− 1.26	0.30	1.5	3	18	7	6	s.	P. H. Albright & Co.
Norman	Cleveland	1,171	18	46.2	− 6.3	78	30	3	1	44	2.45	+ 1.03	1.00	6.1	10	15	11	5	s.	S. E. Boyd.
North Muskogee	Muskogee	.....	....	.....	.....	.....	.....	.....	....	.....	2.42	.....	0.78	1.0	9	12	1	18	n.	J. E. Walker.
Oakwood	Dewey	1,854	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. F. P. Osborn.
Okeene	Blaine	1,194	8	45.2	.....	82	....	5	....	45[a]	1.16	.....	0.30	3.0	6	20[a]	7[a]	3[a]	s.	Dr. L. H. Murdoch.
Okemah	Okfuskee	.....	....	43.6	.....	75	30†	0	1	50	3.37	.....	2.20	12.0	5	16	9	6	s.	S. F. Smith.
Oklahoma	Oklahoma	1,247	23	44.2	− 5.0	77	30	4	1	40	3.11	+ 0.73	0.88	8.1	9	14	10	7	s.	U. S. Weather Bureau.
Okmulgee	Okmulgee	752	8	47.8	.....	89	....	6	....	50[a]	2.11	.....	0.72	5.0	5	15	7	9	s.	J. L. Maynard.
Pauls Valley	Garvin	880	12	46.4	− 6.9	87	31	2	1	48	2.00	+ 0.51	0.70	2.7	6	14	14	3	s.	A. M. Foss.
Pawhuska	Osage	918	12	46.4	− 4.5	80	19	− 2	1	43	2.42	− 0.69	1.80	2.0	5	13	14	4	s.	R. C. Block.
Perry	Noble	920	14	44.9	− 6.4	77	23	15	2	36	2.08	+ 0.21	0.75	2.0	7	15	4	2	s.	S. E. Laird.
Rankin	Rogers Mills	2,200	9	44.2	.....	83	30	4	1	47	1.38	.....	0.67	1.5	5	19	9	3	sw.	Roy Kagay.
Ravia	Johnston	796	10	49.2	.....	82	31	14	1	38	1.28	.....	0.45	1.0	6	14	2	15	s.	R. G. Guptill.
Sac and Fox Agency	Lincoln	900	19	47.9	− 3.6	76	....	7	....	52[a]	3.56	+ 1.50	0.80	8.0	9	12[a]	9[a]	9[a]	n.	Thos. P. Myers.
Shawnee	Pottawatomie	1,041	11	42.7	−11.7	76	6	4	1	50	3.02	+ 0.99	0.68	9.0	9	11	12	8	se.	Mrs. Kate Chatman.
Snyder	Kiowa	1,356	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. W. C. Woodard.
Stillwater	Payne	880	20	46.4	− 4.3	79	24	0	1	37	3.00	+ 0.58	0.70	4.0	9	14	16	1	s.	Will P. Watson.
Tulsa	Tulsa	700	24	44.6	.....	75	23	11	1	35	4.82	+ 2.26	2.00	6.0	8	14	12	5	s.	Dr. H.M. Hutchinson.
Vinita	Craig	698	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Insane Hospital.
Wagoner	Wagoner	588	16	46.8	− 5.8	80	31	7	1	36	2.55	− 0.31	1.10	5.0	3	11	10	10	s.	Moro Hatfield.
Waukomis	Garfield	1,258	16	44.6	− 7.0	82	30	4	1	45	1.63	− 0.05	0.50	3.0	6	15	13	3	sw.	R. C. Shades.
Waurika	Jefferson	988	2	49.8	.....	86	24	15	1	44	1.59	.....	0.42	1.0	7	16	9	6	s.	B. A. Swindler.
Weatherford	Custer	1,639	11	45.8	− 8.5	81	30	5	1	45	2.23	+ 0.94	0.70	5.2	7	9	20	2	s.	Eugene Forbes.
Webbers Falls	Muskogee	479	14	47.7	− 6.8	79	31	19	1	37	2.80	− 0.34	1.00	3.5	5	4	23	4	w.	B. D. Boulineau.
Whiteagle	Kay	945	9	44.0	.....	77	30†	3	1	52	1.38	.....	0.27	0.5	7	23	2	6	s.	John F. De Jarnette.
Woodward	Woodward	1,900	10	45.8	.....	85	30	4	1	45	0.54	.....	0.54	T.	1	16	15	0	sw.	Fred A. Baird.
Wyandotte	Ottawa	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	0	20	s.	Henry Hicks.
Missouri.																				
Belle	Maries	.....	22	41.2	− 4.2	76	30	2	2	42	5.40	+ 2.12	2.30	1.2	6	8[a]	12[a]	10[a]	s.	A. J. Wofford.
Birchtree	Shannon	1,200	20	42.3	− 5.8	76	29	7	2	34	3.81	− 1.15	1.40	1.0	7	18[a]	5[a]	7[a]	nw.	V. H. Kirkendall.
Cape Girardeau	Cape Girardeau	346	8	.....	.....	.....	.....	.....	.....	.....	7.39	.....	2.20	2.0	13	15	5	11	s.	D. L. Albert.
Cardwell	Dunklin	.....	2	50.2	.....	84	25	18	2	34	4.98	.....	1.35	T.	7	16	13	2	s.	E. M. Perry.
Caruthersville	Pemiscot	.....	22	50.2	− 1.2	81	24	19	2	34	5.42	+ 1.48	1.70	T.	7	14	3	14	n.	H. E. Averill.
Cassville	Barry	.....	3	43.1	.....	71	30	9	27	41	5.13	.....	1.61	5.7	12	20	5	6	s.	Mrs. Zuma Bloomer.
Dean	McDonald	.....	15	43.0	− 7.0	74	31†	2	27	42	4.80	+ 1.26	2.10	6.0	9	15[c]	3[c]	10[c]	sw.	H. E. Dean.
Doniphan	Ripley	440	9	46.8	.....	79	24	13	2	36	6.25	.....	2.30	T.	6	17	8	6	s.	W. W. Martin.
Gano	Dent	.....	10	43.2	− 4.7	80	30	3	2	35	5.66	+ 1.38	1.55	8.0	9	13	6	12	s.	A. C. Leech.
Goodland	Iron	900	9	42.2	.....	75	30	5	2	45	5.37	.....	1.78	4.0	8	14	10	7	s.	F. M. Adams
Hollister	Taney	1,000	4	44.8	.....	74	30	12	2	38	2.90	.....	0.75	5.0	7	16	0	15	sw.	W. P. Chapmann.
Ironton	Iron	925	36	43.0	− 2.1	75	30	5	2	38	6.15	+ 1.75	1.83	8.0	8	12	2	17	ne.	W. H. Delano.
Jackson	Cape Girardeau	458	23	45.4	− 2.0	78	22	11	2	37	6.68	+ 1.86	3.47	1.2	9	12	9	10	s.	L. M. Bean.
Joplin	Jasper	979	36	44.8	− 6.4	74	24	6	1	38	3.67	+ 0.90	1.90	5.0	4	17	2	12	n.	Joplin High School.

TABLE 1.—*Climatological data for March, 1918. District No. 7*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Missouri—Continued.																				
Koshkonong	Oregon	911	13	46.6	− 4.0	75	24	10	2	32	4.42	+ 0.27	1.32	T.	9	15	6	10	nw.	J. W. Hitt.
Lamar	Barton	964	33	40.2	− 6.5	72	23†	2	1	46	3.73	+ 0.89	2.03	7.5	7	12	4	15	s.	E. H. Adams.
Marble Hill	Bollinger	420	22	46.8	− 0.8	79	23	10	2†	39	5.80	+ 1.03	2.50	0	9	15	10	6	s.	A. F. Hendrix.
Mountaingrove	Wright	1,490	15	42.0	− 5.5	73	30	5	2	38	3.73	− 0.69	1.32	6.5	9	15	6	10	nw.	Mo. Fruit Experiment Sta.
Mount Vernon	Lawrence	1,480	32	41.4	− 5.3	74	30	4	2	38	7.20	+ 3.51	3.12	15.0	5	12	5	14	nw.	J. R. White & Son.
Neosho	Newton	1,023	31	44.1	− 4.3	74	30	2	27	41	5.86	+ 2.42	2.70	12.0	8	15	5	11	sw.	W. O. Buck.
New Madrid	New Madrid	285	20								6.49	+ 0.81	2.20	0	14	14	2	15	se.	Miss Josie Smith.
Oakfield	Franklin	793	22	41.6	− 4.1	74	30	3	2	35	6.94	+ 3.24	2.99	8.5	9	9	12	10	s.	E. E. Steines.
Rolla	Phelps	1,139	32	41.6	− 3.6	74	30	1	2	34	6.52	+ 3.00	2.17	7.2	10	15	5	11	sw.	Prof. P. J. Wilkins.
Springfield	Greene	1,350	26	41.3	− 2.2	71	30	6	2	36	5.09	+ 1.02	2.56	7.7	8	13	6	12	s.	U. S. Weather Bureau.
Kentucky.																				
Blandville	Ballard	445	32	46.8	− 0.3	79	24	14	2	28	8.59	+ 3.72	4.76	1.1	10	10	10	11	se.	E. W. Horr.
Tennessee.																				
Arlington	Shelby		31																	A. Thomas B. Etheridge.
Boliver	Hardeman	450	30	47.8	− 3.7	80	23†	22	7	47	7.78	+ 2.66	3.83	0	9	18	1	12	n.	Miss Mary A. Smith.
Brownsville	Haywood	361	31	48.0		78	23	24	2†	46	4.42		2.20	0	9	18	2	11	s.	Miss Hattie N. Moses.
Covington	Tipton	311	30	48.7	− 2.3	80	24	23	2	33	8.61	+ 4.24	4.00	0	6	15	2	14	s.	James S. Ruffin.
Dyersburg	Dyer	310	30	47.4	− 3.1	79	24	20	2	37	5.62	+ 1.27	1.95	0	5	18	0	13	se.	Miss Martha A. Sinclair.
Jackson	Madison	450	23	50.8	− 1.9	80	25	22	7	38	5.89	+ 1.31	2.75	T.	5	16	4	11	s.	Shelby A. Robert.
Kenton	Obion	325	11	48.0		80	23	20	2†	42	5.53	+ 1.13	1.79	T.	8	10	6	15	s.	George S. Martin.
Memphis	Shelby	409	42	51.0	− 1.1	81	24	24	2	26	4.78	− 0.99	1.90	T.	7	13	6	12	s.	U. S. Weather Bureau.
Milan	Gibson	440	31	47.4	− 1.6	80	23†	21	7	52	3.86	− 0.29	1.43	T.	6	10	3	18	s.	Orlando F. Cantwell.
Trenton	do	345	33	49.4	− 0.7	80	23†	20	7	34	3.79	− 1.33	1.77	T.	4	16	9	6	s.	F. L. Dennison.
Union City	Obion	360	18	48.8	− 2.0	80	24	21	7	34	6.42	+ 1.02	2.02	T.	8	13	12	6	s.	J. R. Oliver.
Arkansas.																				
Alicia	Lawrence		6	47.7[f]		75	30	19	2	37[f]	6.67		2.56	0	5					McCullough & Guelck.
Amity	Clark	250	20	50.6	− 3.7	83	31	24	1†	39	4.03	− 1.89	1.07	0	6	17	6	8	s.	J. W. Campbell.
Arkansas City	Desha	145	25								5.73	+ 0.13	2.52	0	8					W. C. Blundell.
Batesville	Independence	271	9								6.77		2.10	T.	10					Lelia I. Teter.
Bee Branch	Van Buren		21	49.0	− 3.2	80	31	17	2	38	5.65	+ 0.68	2.00	0	6	15	4	12		J. E. Scanlan.
Benton	Saline	283	6																	P. B. Jackson.
Bentonville	Benton	1,303	7	43.9	− 3.4	72	31	10	2	35	4.92	+ 1.10	1.71	6.6	11	12	9	10	s.	U. S. Weather Bureau.
Bergman	Boone	1,324	15	46.0	+ 0.1	76	30	10	2	38	3.12	− 0.24	0.98	5.0	8	15	8	8	nw.	John T. Maxey.
Black Rock	Lawrence	259	9								8.68		2.65	0	9					S. J. Howe.
Brinkley	Monroe	226	22	51.9	− 1.3	83	23†	24	2†	45	4.14	− 1.72	1.82	0	5	13	7	11	s.	H. L. D. Whitson.
Calico Rock	Izard	361	9								4.60		1.50	0.6	6					W. H. Stoner.
Camden	Ouachita	158	28	54.0	− 1.2	88	31	25	16†	43	2.82	− 2.85	0.58	0	7					R. H. Quarterman.
Centerpoint	Howard	470	13	52.9	− 5.8	84	13	24	1	35	2.92	− 1.56	1.00	T.	6	14	5	12	se.	J. M. Huddleston.
Clarendon	Monroe	171	9								3.61		1.09	T.	7					Mrs. B. E. Bishop.
Conway	Faulkner	309	30	51.0	− 1.2	82	31	23	2	36	5.86	+ 1.06	2.01	T.	9	12	10	9	nw.	G. H. Burr.
Corning	Clay	293	21								7.16	+ 1.98	3.86	3.0	7	9	13	9	s.	Jacob Brobst.
Dardanelle	Yell	330	27	49.5		79	31	22	2	42	4.77	− 0.10	1.10	0.5	8					A. Bernard.
Dodd City	Marion	1,175	32	45.5	− 3.6	76	23†	10	2	39[c]	3.52	− 0.82	2.75	2.0	4					Neal Dodd.
Dumas	Desha		1								8.22		3.90	0	6	19	8	4		Lawrence Waterman.
Dutton	Madison		10	43.8		78	31	9	2	38	2.78		0.91	2.0	5	14	8	9	s.	J. M. Ricketts.
Eldorado	Union	265	9	52.4		85	31	28	16	42	3.44		1.22	0	7					Jeff J. Babb.
England	Lonoke		7	52.0		82	23†	26	2	42[a]	4.79		1.50	T.	5					J. C. Chenault.
Eureka Springs	Carroll	1,465	11	46.4	− 5.7	79	30	10	2	38	3.97	+ 0.03	1.44	7.0	7	13	10	8	sw.	George W. Nichoalds.
Fayetteville	Washington	1,451	26	45.7	− 2.9	75	31	11	2	35	4.66	+ 0.39	1.50	6.0	9	8	18	5	sw.	University of Arkansas.
Fordyce	Dallas		3	52.2		83	24†	28	2†	50	2.96		1.10	0	4	14	6	11	s.	J. B. Atkinson.
Fort Smith	Sebastian	481	31	48.5	− 2.8	78	24	20	2	33	2.43	− 1.19	1.07	0.3	9	11	10	10	e.	U. S. Weather Bureau.
Frazier's Turnpike	Pulaski		2								5.07		2.03	0	6	9	6	16	s.	R. E. Brown.
Fulton	Hempstead	264	9								4.81		2.25	0	6					B. C. Logan.
Georgetown	White	200	1								5.76		2.15	T.	7					Wm. N. Harris.
Hardy	Sharp	643	15	47.6	− 4.1	78	23†	13	2	34	5.35	+ 0.40	2.58	0.3	9	11	8	12	sw.	C. A. Caywood.
Helena	Phillips	182	42	49.0	− 4.5	82	25	22	3	52	6.61	+ 0.30	3.25	0	9					J. B. McLeod.
Hot Springs	Garland	600	22	52.2	− 1.6	82	31	25	2	40	2.50	− 2.50	0.90	T.	5	21	6	4	se.	Army and Navy Gen. Hosp.
Huttig	Union	85	6	55.2		84	23†	28	16†	41[a]	6.88		2.00	0	6	11	17	3		C. A. Berry.
Jonesboro	Craighead	345	18	50.5	− 1.6	80	23†	18	2	35	5.48	+ 0.46	2.40	0	6	6	17	8	s.	Benedictine Sisters.
Junction	Union		20	54.0	− 2.9	85	24†	27	2†	36	6.40	+ 0.33	1.66	0	6	18	4	9	sw.	J. A. Lowderback.
Lake Farm	Jefferson	195	5	52.4		83	24	28	6†	35	2.76		1.18	0	4					G. L. Spellman.
Lewisville	Lafayette	262	10	54.5[f]		82	24†	26	2	40[f]	5.05		2.00	0	7					F. W. Youmans.
Little Rock	Pulaski	357	34	51.4	− 1.3	81	23	24	2	29	4.47	− 0.47	1.93	T.	6	14	9	8	s.	U. S. Weather Bureau.
Lutherville	Johnson	775	14	47.7	− 5.6	79	31	16	2	36	3.20	− 0.71	1.05	T.	5	12	14	5	s.	W. R. Hentschel.
Malvern	Hot Spring	277	21	51.2	− 2.9	82	31	26	2†	43	4.33	− 0.82	1.85	T.	5					Miss L. C. Smith.
Mammoth Spring	Fulton	512	8	47.0		78	24	13	2	41	4.84		1.33	0.3	9	13	12	6		F. Wallick.
Marked Tree	Poinsett	229	9																	Chapman & Dewey Lum.Co.
Mena	Polk	1,100	25	49.4	− 3.3	80	31	18	1	36	5.35	− 0.01	1.58	T.	9	15	6	10	w.	R. R. St. John.
Newport	Jackson	231	28	50.2	− 0.1	83	23†	20	2	49	5.98	+ 1.06	1.91	0	9					Chas. Sprigg.
Pine Bluff	Jefferson	215	23	50.4	− 4.1	84	23†	27	2†	46	2.89	− 2.75	0.90	0	5					J. H. Hudson.
Pocahontas	Randolph		20	50.0	+ 0.6	78	23†	23	2	34[a]	9.47	+ 4.58	3.92	T.	5	16	8	7		Benedictine Sisters.
Pond	Benton	1,250	15	44.6	− 6.7	73	30†	10	2†	37	3.74	+ 0.35	0.83	6.0	9	11	11	9	sw.	A. F. Stevens.
Portland	Ashley	122	4	54.0		86	31	29	17	40	5.60		1.46	0	9					T. A. Corson.
Prescott	Nevada	327	19	50.0	− 5.6	84	31	26	1†	44	5.51	+ 1.17	2.55	0	7					Mrs. G. Cummings.
Rogers	Benton	1,385	23	45.4	− 2.3	74	31	10	2	41	3.32	− 0.50	1.34	5.5	11	13	8	10	s.	Carl A. Starck.
Springbank	Miller	182	6								5.02		2.00	T.	8					G. Field.
Stuttgart	Arkansas	495	25	51.0	− 2.4	81	24	25	2	35	3.11	− 2.85	0.91	0	6	19	7	5	n.	H. A. Buerkle.
Subiaco	Logan	1,050	16	47.3	− 6.5	79	31	20	2	46[c]	3.59	− 0.73	2.00	T.	4	18	6	7	sw.	New Subiaco Abbey.
Swain	Newton	2,300	3	44.0[e]		70	31	8	2	33[e]	2.64		0.70	2.3	7					George Paxton.
Texarkana	Miller	332	21	52.6	− 3.6	86	24†	25	1†	38	4.94	+ 1.07	2.50	0	7					D. E. Moore.
Warren	Bradley	304	18	52.4	− 3.0	83	24†	27	16	37	4.65	− 1.67	2.20	0	5					W. J. Savage.
Whitecliffs	Little River	206	9								3.05		1.10	0	5					F. B. Lane.
Wiggs	Garland		18	49.3	− 5.4	81	23†	21	17	41	4.07	− 1.87	0.90	T.	8	12	12	7	sw.	S. D. Jester.
Wynne	Cross	250	5	50.4		83	24	22	2	48	3.84		1.26	T.	7					John Seals.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Mississippi.																				
Anguilla	Sharkey	107	5	56.6	.....	85	23†	30	16†	31	4.05	.....	0.95	0	9	16	6	9	se.	E. W. Cook.
Austin	Tunica	200	17	52.7	− 1.7	83	24	26	2†	36	7.34	+ 1.56	3.14	0	8	21	4	6	s.	H. J. Irvine.
Batesville	Panola	230	26	52.0	− 1.5	82	23	25	7	42	6.12	+ 0.07	3.16	0	6	15	2	14	sw.	J. M. Cox.
Big Creek	Calhoun	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. P. Havens.
Canton	Madison	228	23	56.8	− 1.9	84	23†	30	17	34	7.07	+ 1.25	4.42	0	9	11	10	10	se.	Dr. G. W. Smith-Vaniz.
Charleston	Tallahatchie	.....	3	54.2	.....	82	23	25	7	37	4.52	.....	1.73	0	7	16	5	10	s.	W. B. Burke.
Clarksdale	Coahoma	177	6	51.8	.....	86	24	28	2†	42	6.59	.....	2.30	0	9	15	1	15	se.	A. C. Tuttle.
Cleveland	Bolivar	160	1	.....	.....	.....	.....	.....	.....	.....	4.82	.....	1.82	0	7	12	0	19	.....	W. W. Boone.
Coffeeville	Yalobusha	241	4	.....	.....	.....	.....	.....	.....	.....	8.61	.....	2.12	0	9	.....	.....	.....	.....	C. K. Bailey.
Corinth	Alcorn	470	25	50.2	− 2.4	80	24	24	7	44	7.36	+ 1.63	3.16	T.	9	12	2	17	s.	M. A. Candler.
Crenshaw	Panola	187	4	.....	.....	.....	.....	.....	.....	.....	5.00	.....	2.80	0	6	8	11	12	s.	Rodgers Woollard.
Duck Hill	Montgomery	.....	14	54.7	− 2.3	82	24	25	17	39	5.90	− 0.31	1.96	0	7	12	7	12	n.	W. H. Eskridge.
Edwards	Hinds	222	26	57.2	− 1.7	83	25	29	17	34	9.25	+ 3.62	4.50	0	10	25	2	4	s.	E. F. Farr.
Fayette	Jefferson	270	12	56.7	− 2.6	84	26	26	17	36	4.20	− 1.80	1.22	0	7	12	16	3	se.	T. L. Darden.
Greenville	Washington	126	26	54.1	− 2.4	85	23	28	17	40	5.04	− 0.73	1.63	0	9	18	1	12	ne.	M. G. Harbison.
Greenwood	Leflore	140	13	53.2	− 2.8	85	31	29	17	43	4.81	− 1.52	1.35	0	9	11	5	15	se.	J. H. Stephen.
Grenada	Grenada	124	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. A. Jones.
Hernando	De Soto	391	25	51.5	− 2.5	82	24	24	2	43	6.28	+ 0.86	3.55	0	7	16	2	13	s.	W. F. Wood.
Hickory Flat	Benton	435	4	.....	.....	.....	.....	.....	.....	.....	7.03	.....	3.75	0	7	12	11	8	s.	H. Powell.
Holly Springs	Marshall	600	26	49.2	− 2.9	78	23†	24	7	41	7.96	+ 1.04	3.73	T.	10	14	1	16	se.	L. B. Mosby.
Kosciusko	Attala	430	23	54.0	− 2.4	83	24	29	3†	40	5.33	− 0.88	2.23	0	7	18	6	7	se.	E. L. Lucas.
Malone	Marshall	.....	4	.....	.....	.....	.....	.....	.....	.....	6.65	.....	4.42	0	8	.....	.....	.....	.....	M. J. Wilkins.
Natchez	Adams	206	25	53.8	− 8.5	90	25	20	17	52	5.66	+ 0.34	2.31	0	7	11	8	12	s.	Catharine E. Garrity.
Pontotoc	Pontotoc	475	24	53.2	− 1.2	80	25	26	7	38	4.65	− 1.36	1.50	0	10	15	9	7	nw.	Dr. C. W. Bolton.
Port Gibson	Claiborne	116	25	55.4	− 4.3	85	23†	27	17	38	6.75	+ 1.46	2.46	0	7	8	4	19	e.	H. H. Crisler.
Rosedale	Bolivar	143	5	51.9	.....	85	23	27	17	46	5.62	.....	2.10	0	8	15	4	12	nw.	T. J. Murray.
Senatobia	Tate	284	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. Brickell.
Shoccoe	Madison	.....	10	56.8	− 1.9	81	23†	30	16	35	8.56	+ 3.46	4.96	0	7	21	4	6	s.	J. C. Pitchford.
Suffolk	Franklin	.....	12	58.3	− 3.7	83	24†	27	17	35	5.61	− 0.41	2.03	0	8	13	9	9	sw.	Prof. Geo. H. Kent.
Swan Lake	Tallahatchie	148	8	.....	.....	.....	.....	.....	.....	.....	4.63	.....	0.86	0	9	14	7	10	se.	Dr. S. D. Robinson.
Tchula	Holmes	130	8	.....	.....	.....	.....	.....	.....	.....	6.22	.....	2.68	0	8	.....	.....	.....	s.	Dr. M. P. Winkler.
University	Lafayette	502	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. J. H. Dorroh.
Utica	Hinds	287	9	57.2	.....	84	23	27	17	36[b]	6.45	.....	2.65	0	9	.....	.....	.....	.....	Dr. J. B. Dudley.
Vicksburg	Warren	247	42	56.4	− 1.8	82	23	32	16	39	6.70	+ 0.45	3.65	0	10	6	12	13	e.	U. S. Weather Bureau.
Water Valley	Yalobusha	300	24	52.6	− 2.6	80	23†	26	7†	35	7.58	+ 1.07	1.85	T.	8	15	10	6	sw.	Miss Loula Erikson.
Woodville	Wilkinson	560	90	58.3	− 3.3	83	23	30	16†	33	4.78	− 1.17	2.32	0	7	22	7	2	.....	James E. Lee.
Yazoo City	Yazoo	116	19	56.2	− 2.9	86	24	32	8†	39	5.84	+ 0.10	1.81	0	7	13	4	14	se.	W. H. Courts.
Louisiana.																				
Abbeville	Vermilion	18	25	60.7	− 2.5	84	22	31	17	33	2.40	− 1.20	0.74	0	9	8	6	17	se.	C. J. Edwards.
Alexandria	Rapides	77	25	56.0	− 4.6	82	31	30	16	41	4.75	− 0.54	2.27	0	6	10	4	17	n.	Nellie Graham.
Amite	Tangipahoa	130	25	59.4	− 2.4	86	13	29	17	33	7.00	+ 1.37	3.70	0	3	11	15	5	n.	Lulu M. Wentz.
Antioch	Claiborne	.....	1	54.0[d]	.....	85	31	26	17	40[d]	6.71	.....	1.85	0	8	14	0	17	s.	W. L. Anglin.
Avoca Island	St. Mary	9	2	.....	.....	.....	.....	.....	.....	.....	1.59	.....	0.55	0	5	20	5	6	.....	J. N. Pharr & Sons (Ltd.).
Baton Rouge	E. Baton Rouge	60	25	61.6	− 0.2	85	21†	34	17	33	6.62	+ 1.68	4.30	0	7	13	4	14	ne.	Elmo M. Bott.
Burnside	Ascension	20	13	61.0	− 2.6	84	23	34	3†	33[a]	4.97	− 0.15	1.94	0	8	10	10	11	.....	C. S. McFarland.
Burrwood	Plaquemines	1	25	61.1	− 1.3	79	22†	41	16	23	3.88	+ 0.51	0.90	0	9	9	4	18	ne.	Graham Myers.
Cades	St. Martin	.....	3	62.2	.....	84	21	32	16	26[c]	2.56	.....	1.40	0	5	18	4	9	n.	C. E. Smedes.
Calhoun	Ouachita	180	25	55.2	− 1.8	84	31	26	17	39	5.09	+ 0.03	1.55	0	8	14	8	9	s.	N. La. Exp. Station.
Cameron	Cameron	6	20	55.6	− 7.4	77	14	25	16†	38	1.55	− 1.68	0.82	0	5	13	14	4	ne.	Adolph Bruckert.
Carrolton	Orleans	7	2	62.2	.....	86	21	36	17	25	5.89	.....	1.67	0	8	18	0	13	.....	Loyola College.
Cheneyville	Rapides	67	25	59.4	− 1.5	85	30	29	17	48	3.15	− 1.76	1.00	0	7	11	0	20	n.	Walter I. Tanner.
Cinclare	W. Baton Rouge	.....	3	61.6	.....	84	23†	32	1	46	5.44	.....	2.90	0	4	11	3	17	e.	Cinclare Central Factory.
Clinton	East Feliciana	113	25	59.2	− 2.4	84	25	29	17	34	4.19	− 1.50	2.00	0	5	8	5	18	n.	John A. White.
Collinston	Morehouse	65	12	57.0	− 3.4	88	31	29	2	37	4.52	− 0.99	1,35	0	7	11	7	13	s.	John B. Reily.
Columbia	Caldwell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. W. Blanks.
Covington	St. Tammany	39	21	59.6	− 2.9	85	21	31	17	39	8.72	+ 3.32	3.75	0	8	8	4	19	e.	Cecile P. Champagne.
Dodson	Winn	.....	4	56.4	.....	85	31	27	17	36	5.30	.....	2.00	0	8	11	8	12	s.	J. P. Lucas.
Donaldsonville	Ascension	33	25	63.7	+ 1.2	85	22†	36	17	32	8.20	+ 3.74	3.60	0	5	18	2	11	n.	John F. Park.
Dutchtown	do	.....	2	.....	.....	.....	.....	.....	.....	.....	2.88	.....	1.80	0	3	20	7	4	.....	Picard & Geismar (Ltd.).
Farmerville	Union	177	25	55.0[i]	− 1.8	82	24	27	15†	40[i]	6.13	+ 0.65	1.80	0	6	9	13	9	s.	W. P. Chandler.
Florence	Vermilion	.....	1	62.4	.....	80	21	30	15	44	3.33	.....	2.60	0	6	11	14	6	se.	White Lake Land Co.
Franklin	St. Mary	10	21	61.0	− 3.0	86	23	34	16†	43	0.88	− 2.57	0.30	0	10	7	16	8	ne.	J. M. Bonney.
Franklinton	Washington	.....	3	60.4	.....	83	21†	29	17	41	7.56	.....	1.91	0	7	.....	.....	.....	.....	Herbert R. Babington.
Grand Cane	De Soto	302	19	46.3	−12.1	77	31	17	16	40	5.47	+ 1.10	1.49	0	8	8	6	17	s.	G. Foster Provost.
Grand Coteau	St. Landry	93	25	60.2	− 2.5	83	23	31	16†	32	4.81	+ 0.68	2.42	0	6	8	7	16	.....	St. Charles College.
Hammond	Tangipahoa	44	21	61.0	− 0.9	86	21	31	17	33	8.35	+ 3.51	2.95	0	7	19	3	9	se.	C. C. Carr.
Houma	Terrebonne	.....	25	63.1	− 0.2	86	23	33	15	37	3.55	+ 0.10	1.20	0	8	21	2	8	se.	J. M. Foote.
Jena	La Salle	.....	2	57.0	.....	84	31	27	17	37[a]	4.28	.....	2.00	0	5	9	13	9	se.	C. E. Wilbanks.
Jennings	Calcasieu	30	16	59.4	− 3.8	86	22	32	16	42	1.96	− 1.36	1.06	0	6	8	14	9	se.	J. F. Buch.
Laark	Morehouse	.....	1	52.4	.....	87	23†	18	16	59	.....	.....	.....	0	.....	6	14	11	.....	P. M. Donley.
Lafayette	Lafayette	36	25	59.8	− 2.4	85	26	31	16†	34	4.85	+ 1.09	2.45	0	7	7	7	17	e.	J. J. Davidson.
Lake Charles	Calcasieu	22	25	56.4	− 5.2	90	12	23	3	52	2.60	− 1.14	1.60	0	2	20	2	9	n.	George Boudreaux.
Lakeside	Cameron	9	2	60.6	− 3.2	79	25†	34	16	32	1.65	− 1.09	1.30	0	4	24	6	1	se.	L. J. Nunemacher.
La Rose (near)	La Fourche	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Louisiana Delta Farms Co.
Lawrence	Plaquemines	6	22	61.8	− 1.4	84	24†	39	16†	29	6.21	+ 2.58	2.44	0	13	10	10	11	e.	H. C. Warmoth.
Leesville	Vernon	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. McFarland.
Liberty Hill	Bienville	.....	25	56.3	− 2.8	84	24	29	16†	37	7.72	+ 2.44	3.65	0	7	14	4	13	s.	E. A. Crawford.
Logansport	De Soto	192	9	.....	.....	.....	.....	.....	.....	.....	5.34	.....	1.60	0	6	11	4	16	n.	Bettie M. Dennis.
Mellville	St. Landry	45	25	58.9	− 2.7	85	25	29	17	40	6.27	+ 1.16	3.40	0	4	10	6	15	n.	Charles B. McNeil.
Merryville	Calcasieu	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Harry J. Chatterton.
Minden	Webster	194	25	52.4	− 5.1	84	31	26	2†	43	5.93	+ 1.62	1.45	0	7	10	9	12	n.	Ethel Fort.
Monroe	Ouachita	82	25	56.2	− 2.7	84	31	29	17	35	4.88	− 0.25	1.34	0	10	9	1	21	se.	Kathryn Key.
Morgan City	St. Mary	14	7	.....	.....	.....	.....	.....	.....	.....	1.28	.....	0.53	0	8	7	3	21	ne.	Virgil E. Kinsey.
Napoleonville	Assumption	.....	4	62.1	.....	86	23	31	16	42	3.02	.....	0.80	0	11	14	0	17	.....	Leon Godchaux Co.
Newellton	Tensas	.....	6	57.4	.....	82	23†	29	17	33	6.23	.....	3.14	0	9	.....	.....	.....	.....	John D. Fultz.
New Iberia	Iberia	15	25	61.6	− 1.9	83	23†	32	16	29	1.62	− 1.91	0.55	0	6	11	12	8	ne.	Mrs. John A. Gebert.
New Orleans (1)	Orleans	51	42	61.3	− 0.7	84	26	39	16	30	4.84	− 0.46	1.91	0	11	12	10	9	ne.	U. S. Weather Bureau.
New Orleans (2)	do	18	25	63.0	+ 0.2	86	21†	37	17	31	4.69	+ 0.03	1.25	0	11	6	7	18	s.	Sugar Experiment Station.
Opelousas	St. Landry	83	21	55.5	− 7.1	78	23†	31	16†	35	3.98	− 0.96	1.65	0	4	9	2	20	e.	Andrew Moresi.
Paradis	St. Charles	.....	2	.....	.....	.....	.....	.....	.....	.....	4.38	.....	1.35	0	8	.....	.....	.....	.....	R. E. Boyce.
Pearl River	St. Tammany	20	7	.....	.....	.....	.....	.....	.....	.....	5.16	.....	2.50	0	11	13	0	18	e.	George F. Bancks.
Plain Dealing	Bossier	268	21	54.8	− 3.2	83	31	26	2†	45	4.68	+ 0.55	1.59	0	7	15	4	12	se.	Leon Sanders.
Rayne	Acadia	44	21	60.9	− 2.0	87	26	32	16†	34	4.14	− 0.04	2.78	0	4	11	1	19	n.	A. P. McNeil.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Louisiana—Continued.																				
Reserve	St. John Baptist	.....	12	62.7	0.0	94	21	34	16	44	2.95	− 0.83	0.80	0	7	10	14	7	.....	Leon Godchaux Co.
Richland Plantation	Rapides	.....	1	56.4	.....	81	25†	32	16	41	3.76	.....	1.93	0	9	16	1	14	s.	A. B. Pendleton.
Robeline	Natchitoches	147	17	54.4	− 5.3	88	31	24	18	45	10.00	+ 5.61	4.00	0	6	11	8	12	ne.	Anna R. McCook.
Ruston	Lincoln	312	18	55.2	− 4.3	85	24	25	1	45	7.23	+ 1.49	1.90	0	6	21	4	6	s.	Andor M. Larson.
St. Francisville	West Feliciana	115	10	58.5	.....	85	26	31	17	44	5.02	.....	2.65	0	8	14	11	6	s.	G. W. Newman.
Schriever	Terrebonne	17	21	61.6	− 2.1	87	21	33	17	35	2.65	− 1.02	1.25	0	3	10	15	6	n.	William H. Gautreaux.
Shreveport	Caddo	249	42	54.2	− 4.0	82	31	29	16	34	4.81	+ 0.29	2.09	0	7	10	10	11	se.	U. S. Weather Bureau.
Simmesport	Avoyelles	42	7	.....	.....	.....	.....	.....	.....	.....	4.62	.....	2.01	0	7	4	0	27	s.	Cassius T. Leigh.
Southern Univ. Farm	Jefferson	.....	16	.....	.....	.....	.....	.....	.....	.....	5.06	+ 1.11	1.85	0	10	11	6	14	se.	F. L. St. Martin.
Sugartown	Calcasieu	.....	20	59.6	− 2.5	81	23†	32	16†	39	3.15	− 1.50	1.42	0	3	8	15	8	.....	G. W. Richardson.
Tallulah	Madison	91	6	54.6	.....	85	25	30	17	45	5.85	.....	1.58	0	8	.....	.....	.....	.....	Neal T. Halt.
Walker	Livingston	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. C. Fondren.
Winnsboro	Franklin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Carlton.

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

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

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Colorado.																																	
Buena Vista	Arkansas							.20													T.			.20	T.	*	.20			T.			0.60
Calhan	Big Sandy	T.												T.	T.						T.	T.		T.	T.	.15	.07						0.22
Canon City ‖	Arkansas																				.08	T.		T.		.24	.21						0.53
Colorado Springs	Fountain			.01							T.			T.	.02					T.	.10			.01	.02	.20	.08						0.44
Cripple Creek	Oil Creek			T.	.06		T.							.40						T.	.05			.26		.17							0.94
Cuchara Camps	Cucharas			T.			.21	.38					.01	.21					.04		.06			.11	.48								1.51
Eads	Big Sandy														T.						.25												0.25
Fairview	St. Charles				.16		.29									.32										.43	.26						1.46
Fremont Experiment Station ‖	Fountain			.04			.08						.04	.15	.06				T.	.14	T.	T.	.15	.07	.17	.14							1.04
Garfield	Little Ark's.			.10	T.	.08		.10					.14	.07						.40	.18	.30		.13	T.	.19	.12						1.81
Hamps	Big Sandy												T.	T.	.08						.12					.15							0.35
Hermit Lake	Grape Creek							.52				.06	.21							.14	.42			.84	.47	.41	.58						3.65
Hoehne (near)	Purgatoire							.13						T.								T.				.08	.08						0.29
Holly	Arkansas														.05																		0.05
Lake Moraine	Fountain			.05	.07		.27						T.	.17	.18					.16				.35	T.	.17	T.						1.42
Lamar	Arkansas														.40																		0.40
Las Animas	do																																
La Veta Pass	Cucharas							.23										T.					T.	T.	.19	.80							1.24
Leadville	Arkansas	.04		.03	.05	.12	T.	.03					T.	.05						.08	.03	.03		.10	T.	.07	.14			T.			0.77
Limon (near)	Big Sandy													T.	T.						.05					.06							0.11
Madrid	Purgatoire						.27							.03										.03		.23	.02						0.58
Marshall Pass	Arkansas											.17	.26	.16	.17								.16		.17	.24	.17						1.50
Maxey	do														.20											.06	.15						0.41
Monument	Fountain												.07	.25	.46			T.						T.		.24							1.02
North Lake	Purgatoire						T.	.50						T.	.18					T.				.30	T.	.42	.30						1.70
Pueblo	Arkansas			T.										.05							.01	.01		T.	.01	.10	.03						0.21
Rocky Ford (near)	do													T.							T.					T.							T.
St. Elmo	Chalk Creek					.18	.03	.18					.07							.13	.16	.20		.38	.06	.03							1.42
Salida ‖	Arkansas							T.												.04	T.			T.		.04							0.08
Santa Clara	Huerfano																																
Sheridan Lake	Arkansas																																
Stonewall	Purgatoire						*	.35				.05			T.	.09				T.				.10		.23	.09						0.91
Trinidad	do							.16							.03	.04					T.			T.		.30	.13						0.66
Two Buttes	Arkansas														T.	.20									.17								0.37
Two Buttes Res'r	do														T.						T.					.05							0.05
Victor	Oil Creek							.13						.25							.04			.40		.16	.02						1.00
Vilas	Cimmaron																																
Westcliffe	Grape Cr'k							.04													T.			T.		.04	.25						0.33
Winfield	Clear Creek				.01	T.	.03	.03					.03	.01	T.					.04	.06	.12	T.	.13	.05	.01	.02			T.			0.54
Woodman Sanato'm	Fountain														.25						.14				.05		.23						0.67
Wortman	Arkansas	T.		T.	T.	.10	T.	T.		T.	.10	T.	.17	.10	.10	.10	T.	T.	T.	T.	.10	.10	.20	.10	T.	T.	T.			T.	.10		1.27
Yoder	do													T.	.04						.04					.10							0.18
New Mexico.																																	
Abbott	Canadian					.08																				T.	.07						0.15
Albert	do												T.													*	.03						0.03
Aurora	do							.68				.05	.04	.10							.12				.04	.02	.07						1.12
Bell Ranch	do											.03	.05														.12						0.20
Black Lake	do						T.	.27				T.		.05							.09				.09	T.	.05						0.55
Cabeza	do											T.															.17						0.17
Campana	do												.05														.05						0.10
Chacon	do							.53																	.12								0.65
Cimarron (near)	do						T.	.78					T.	.01										T.		.16							0.95
Clayton	do													.10	T.											T.	T.						0.10
Clovis	Red										.04																						0.04
Cuervo	Canadian											T.														.07							0.07
Dawson	do							.18																		.07							0.25
Elizabethtown	do							1.05					T.	T.							.06			.08	.20								1.39
Folsom	D. Cimarron							.21						.01	.42											.28							0.92
Fort Union	Canadian							.28				.10		T.													.08						0.46
Hayden	do												T.	.12		.02											.13						0.27
Hoosier Ranch	do											T.		T.				T.			T.						T.						T.
Johnsons Park	do																																
Johnsons Ranch	do																																0.00
Kappus	do												.05		.07												.12						0.24
Lake Alice	do																																
Logan	do												T.														.13						0.13
Lykins (near)	Red											.16														*	.04						0.20
Maxwell (near)	Canadian																										.07						0.07
Melrose	Red											.11	T.														.19						0.30
Miami Ranch	Canadian							.57																		.20							0.77
Mills (near)	do							.02				T.	T.	T.													T.						0.02
Montoya	do											T.	.13													T.	.20						0.33
Mount Dora (near)	do																																
Nara Visa	do											T.	T.	.10	T.												.14						0.24
Palo Verde	do						T.	T.						T.	T.	T.										T.	.02						0.02
Pasamonte	do																										.02						0.02
Pleasant View	do					.02													.03														0.05
Portales	Red																																
Raton	Canadian							.22					T.	T.	T.												.25						0.47
Rociada	do							.45					T.	T.								T.				.12							0.57
Rosebud	do												T.	.12													T.						0.12
Roy	do										T.	.05	T.														T.						0.05
Roy (near)	do						.02					T.	T.	T.							T.					.03	T.						0.05
St. Vrain (near)	Red											.03															.08						0.11
San Jon	Canadian								T.	.05		T.	T.	T.		T.					T.				T.	T.	.09						0.14
Solano	do							T.				.01	T.		.04						T.					T.							0.05
Springer	do							.14																		T.	.07						0.21
Taylor	do																																0.00
Texico (near)	Red											.20																					0.20
Trementina	Canadian											.08	.10	.08													.10						0.36
Tucumcari	do																									.16							0.16
Valley	D. Cimarron													.07	.13						*	.14			.07	.18	.25						0.84
Vance (near)	Canadian													.10													.02						0.12
Vermejo Park	do						T.	.40			T.				T.									.08	.04	.28							0.80
Wagon Mound (near)	do							.06				.02															.15						0.23

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

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Texas.																																	
Amarillo	Canadian			T.						T.	.02	.03	T.	T.	.06	T.					T.					.30	.18						0.59
Archer City	Red							T.		.58	.04		.20								T.		T.	.03			T.	.13					0.98
Arthur City ‖	do										.80			T.								.20				.55	T.	T.					1.55
Bonham	do									1.00	.20		.20	.10							.24					.20	.44						2.38
Canadian	Canadian													.34	.20	.04											.25						0.83
Childress	Red									.85		.33	.60														.25						2.03
Chillicothe	do									.40			.35														.37						1.12
Clarendon ‖	do									.07	.14		.06	.31		T.											.20	.07					0.85
Clarksville	do										1.27																1.20						2.47
Claude	do									.04																.10							0.14
Dalhart ‖	Canadian															.10																	0.10
Denison ‖	Red										.05	.70		.20	.03											.10	.20	.10					1.38
Finley ‖	do										1.40		T.	T.									1.30				T.	.30					3.00
Henrietta ‖	do							.35	.90		.10	.10															.50						1.95
Jefferson	do										2.00		.06	.45	.76							1.75					.30						5.32
Memphis	do									1.00				1.00													.30						2.30
Miami	Canadian													.24	T.	T.										T.	.20						0.44
Ochiltree	do																																
Panhandle	do																																
Paris ‖	Red	.15								.55	.58		.07	.05		T.						.32			T.	1.05	.10	.16					3.03
Plemons	Canadian												T.	T.		T.									T.	.19	.23						0.42
Quanah ‖	Red									.01			.25	.01							T.						.30						0.57
Ringo Crossing ‖	do									.37	.55											.08					.26						1.26
Romero	Canadian												T.	.25	.20																		0.45
Sherman ‖	Red	T.								.50	1.35		.29	T.		T.						T.		T.		.23	.69						3.06
Stratford	Canadian															.10											.05						0.15
Tulia	Red									.26		.09	.04		T.											T.	.25						0.64
Wellington	do									.40		.10	.70														.20						1.40
Wichita Falls	do																																
Winfield	do								T.	1.40			T.		T.						.43				.32	.10							2.25
Kansas.																																	
Alden	Arkansas						T.						T.	.12	.03											.03	T.						0.18
Anthony	do												.15	.14	.02						T.					.03	T.						0.34
Ashland	Cimarron						.02				.01		.20	.16	.10	.05										T.							0.54
Burlington	Neosho				.11								.12			T.				.54	.68			.12		.15	T.						1.72
Chanute	do	T.				.22							.04	.22	T.	T.						.16		.12	.71	.38	.24						2.09
Cimarron	Cimarron													.03	.10										T.	T.	T.						0.13
Coffeyville	Verdigris					.01				.06		.13		.68	T.	T.					.38			T.	.68	1.64	1.60						5.18
Coldwater	Cimarron						T.						T.	.50	T.	T.										T.	T.						0.50
Columbus	Neosho					.01				T.	.03		.03	.21	T.	.01					.44		.05	T.	2.46	1.29	.92						5.45
Coolidge	Arkansas														.24																		0.24
Cottonwood Falls	Neosho	T.				.08							.07	.11	.02	.05				.11	.34			T.	.08	.09	T.						0.95
Council Grove	do	T.												.64	.03					.03	.06						T.						0.76
Cunningham	Arkansas				T.		T.							.25						T.						.02							0.27
Dodge City	do												T.	.04	.19						T.				T.	T.	T.						0.23
El Dorado	do												.12	.09	.05					T.	.50			T.	.04	.12							0.92
Ellinwood	do	T.				T.	T.							.31	.15					T.	T.					.02	T.						0.48
Emporia	Neosho					.15							T.	.18	T.	.07				.21	.45			.02	.19	T.	T.						1.27
Eureka	Verdigris					.02							.02		T.					T.	.15			.23		.15	T.						0.57
Fall River	do					.10							.10	.25	T.	T.					.50			T.	T.		.05						1.00
Fargo	Cimarron	.10													.20																		0.30
Fredonia	Verdigris					.08							.09	.22	.01	T.					.68			.03	.22	.50	.10						1.93
Garden City	Arkansas													.50	T.					T.	T.					T.	T.						0.50
Great Bend	do						T.							.43	T.											.05							0.48
Greensburg	do						T.							.03	T.											T.							0.03
Grenola	Verdigris					.08							.17		T.	T.					.33			.03	.18	.18	.10						1.07
Howard	do													T.		T.				T.	.78			T.	.18	.14	.04						1.14
Hutchinson	Arkansas		.55	.55	.25	.10	T.									.07									.05		T.						1.57
Independence	Verdigris	T.				.10				.01			.13	.14		.01					.86			T.	.46	.60	.25						2.56
Iola	Neosho	T.				.17							.10	.15	.01	.02				.02	.80	T.	.02	.22	.27	.15	.20						2.13
Irene	Arkansas														T.	T.				T.	T.					.10	T.						0.10
Jetmore	do													.02	.03	T.																	0.05
Kingman	do												.05	.12	.12											.15							0.44
La Crosse	do													.09	.07											T.							0.16
Lakin	do													T.												T.							T.
Larned	do													.10	.05	T.									T.	T.	T.						0.15
Lebo	Neosho					.09							.05	.12	.05	T.				.19	.56			.27		.10	.02						1.45
Le Roy ‖	do	.02				.02	.11							.04	.04	T.	.02				.18	.60			.12	.07	T.	T.					1.22
Liberal	Cimarron													T.	.05										T.	T.							0.05
Macksville	Arkansas													.22	.02	T.										T.	T.						0.24
McPherson	do					.08							.02	.13	.10	.20				.12						.12							0.77
Madison	Verdigris	T.											.17		T.						.20				.25	T.	T.	T.					0.62
Marion	Neosho			T.	.10									.13	.02	T.				.06	.06			T.		.06	T.						0.43
Medicine Lodge	Arkansas												T.	.38	.04												T.						0.42
Minneola	Cimarron										.04		.05	.03	.15																		0.27
Mount Hope	Arkansas													.04	T.					T.													0.04
Nesho Rapids ‖	Neosho	.04											.08	.18		T.					.35	.32		.45			T.						1.42
Ness City	Arkansas					T.								T.	.10											.03	T.	T.					0.13
Newton	do													.04	.06					.03	.07					T.	T.						0.20
Norwich	do												.05	.14	T.	T.						T.		T.		T.							0.19
Oswego	Neosho					.05					.02		.12	.13		T.					.37		.05		3.07		.60						4.41
Plains	Cimarron														T.	T.																	T.
Pratt	Arkansas													.35	.05											.05							0.95
Richfield	Cimarron													T.	T.	.35										T.							0.35
Rome	Arkansas					.04							.16	.22	T.						.42					.10	.05						0.99
Sedan	Verdigris					T.							.14	.06	T.	T.					.52				.32	.50	.45						1.99
Toronto	do						.24														.63				.23	T.							1.10
Ulysses	Cimarron													T.	.20											T.	T.						0.20
Walnut	Neosho					.16							T.	.86	.14	T.					.46				1.10		.44						3.16
Wellington	Arkansas					T.							.15	.18	T.	.02					.30			T.		T.	.05						0.70
Wichita	do					.01							.06	.05	.04						.04			.02	.08								0.30
Winfield	do					.05						.10	.10	.15	T.						.63			.35	.12		.09						1.59
Yates Center	Verdigris																																
Oklahoma.																																	
Ada	Canadian	.27								T.				.68		T.					T.					.55	.90						2.40
Alva	Arkansas	.20											.05	.80	T.																		1.05
Apache	Red						.04			.30	.25	T.	.30	.45		T.					.45			T.	.13	.23	.50						2.65
Arapaho	Washita									.50	.20		.15	.60													.20						1.65
Ardmore	Red	.14								T.	.37		.10	.13												.14	.55						1.43

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

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Oklahoma—Contd.																																	
Bartlesville	Arkansas									T.	.13		.06	.15							.51				.84	1.75	.60						4.04
Beaver	Canadian													.06	.10										T.	T.	.03						0.19
Blackburn	Arkansas																																
Cache	Red									.55		.35	.40								.30						.05						1.65
Calvin	Canadian	.18								.08	.20		T.	.14		T.	.02							T.		.27	.54	.16					1.59
Chandler	do									1.20				.20		.05					.67					1.87							3.99
Chattanooga	Red								T.	.23	.13		.35	.58		T.					T.				T.	.15	.10						1.54
Chickasha	Washita								.53	.27		.11	.36								.25			.02	.23	.19	1.20						3.16
Cloud Chief	do									.78	.20		.18	.50							.17				.48		1.05						3.36
Crawford	Canadian																																
Durant	Red	T.								.17	.33		.18	.05								T.		T.		.23	.59	T.					1.55
Eldorado	do								T.	.61			.42	.46		T.					.13						.40						2.02
Elk City	do																																
El Reno	Canadian						T.			.65	.55		.16	.30										.03	.80	.25	.20						2.94
Enid	Cimarron						T.			.20		.40	.28		T.						T.				.34	.35	.05						1.62
Erick	Red								T.	.48	.05			1.16													.35						2.04
Eufaula	Canadian									.27	.10				.18	T.					.07			T.	T.	.50	.04						1.16
Fairland	Arkansas	T.				T.				.21	.20		.03	.61		T.					T.	.27		.02	1.63	.49	.41						3.87
Fort Gibson	do	.16					T.			.06	.47	T.	.07	.06		T.	T.					.06			.07	.52	.40	.12					1.99
Frederick	Red								T.	.42	.03		.30	.48		.01					T.				T.		.08						1.32
Geary	Canadian									.68	.34		.22	.35		.01					.19			T.		.06	.44						2.29
Goodwell	do														.10											T.							0.10
Guthrie	Cimarron									.50	.40		.25	.35							.35				1.75	.25	.60						4.45
Guymon	Canadian												.10	T.	.35												.05						0.50
Hartshorne	do																				1.00			.09	.01	.70	.67						2.47
Healdton	Red						T.		T.	.45	.21		.11	.15							T.				T.	.10	.55						1.57
Helena	Cimarron							T.						.16	.50	T.					T.					.11							0.77
Hennessey	do									.37			.50	.27							T.					.20	.40						1.74
Hobart	Red									.57	.25		.17	.57							.16		T.		.34		.57						2.63
Holdenville	Canadian									T.	.55		T.	.16							T.			T.		.60	.67						1.98
Hooker	do												.10	T.		T.									T.	T.	T.						0.10
Hugo	Red									.31	.68	.05		.02							.29				.46	.59	T.						2.40
Hurley	Cimarron														T.											T.	T.						T.
Idabel	Red																																
Jefferson	Arkansas				.04								.26	.37	T.						.31				.10		.08						1.16
Kenton	Cimarron						T.								.20	.05					.05					.10	.05						0.45
Kingfisher	do							.02		1.08			.16	.22	.08	.02				T.	.36			.01	.05	.20	.40						2.60
Lawton	Red						.06			.30	.20		.18	.50							.22			T.	.09	.02	.50						2.07
Lawtonka Lake	do									.20	.50	.45		.50							.17				.15		.20						2.17
McAlester	Canadian	T.								.16	.24		.08	.18		T.					.04			.03		.65	.87						2.25
Mangum	Red								T.	.60			.20	.60		T.					T.						.65						2.05
Marlow	Washita										T.		1.00	.45		T.					.05					1.00	.60						3.10
May	Canadian														T.																		T.
Meeker	do									.35	.50				1.00						.25					.95	1.02						4.07
Muskogee (1)	Arkansas																																
Muskogee (2)	do									.31			T.	T.		T.					T.				T.	.61	.36						1.28
Mutual	Canadian																.15																0.15
Neola	Washita						T.		T.	.48				.40		T.								T.	T.	.24	.50						1.62
Newkirk	Arkansas												.30	.20	T.	T.									T.	T.	.15						0.65
Norman	Canadian					T.				.46	.22		.06	.15		.01					.15			.05	.35	.40	.60						2.45
North Muskogee	do	.20								.05	.48		.02		.33	T.						.04				.78	.23	.29					2.42
Oakwood	do																																
Okeene	Cimarron						T.	T.		.15	.25		.21	T.	T.						.22			T.		.03	.30						1.16
Okemah	Canadian								.50			.17	.50													1.00	1.20						3.37
Oklahoma	do					T.	T.			.88	.02		.11	.24		.04					.26		T.	T.	.79	.01	.76						3.11
Okmulgee	do									.39			.25	.24		T.					T.			T.		.51	.72						2.11
Pauls Valley	Washita	.26								.24			.04	.31		T.									.70	.45							2.00
Pawhuska	Arkansas									T.				.03	T.	T.					.40			T.	.19	1.60	.20						2.42
Perry	do									.18	.15		.40	.35		T.					.32		T.	T.	.48		.20						2.08
Rankin	Red								T.	.41			.09	.67		T.								.06		T.	.15						1.38
Ravia	Washita									.16	.17		.20	.15												.15	.45						1.28
Sac and Fox Agency	Canadian									.55	.53		.08	.43		T.					.20				.50	.45	.80				.02		3.56
Shawnee	do	.20								.21	.65		.08	.35								T.			.15	.68	.20	.50					3.02
Snyder	Red																																
Stillwater	Cimarron									.20	.20		.20	.25	.03						.32			.70	.70		.40						3.00
Tulsa	Arkansas					T.				.45	.23		.07	.82							.24				2.00	.37	.64						4.82
Vinita	do																																
Wagoner	do									.70															.75	1.10							2.55
Waukomis	Cimarron					T.				.15	.28		.34	.26	T.	T.					.10						.50						1.63
Waurika	Red								T.	.31	.27		.15	.23		T.					.02			T.	.19	T.	.42						1.59
Weatherford	Canadian						T.		T.	.70	.18		.18	.57		.02					.08				T.		.50						2.23
Webbers Falls	Arkansas	.30								.25				.75							.50					1.00							2.80
Whiteagle	do									.15	.19		.27	.23										.25		.24	.05						1.38
Woodward	Canadian						T.							.54	T.									T.	T.								0.54
Wyandotte	Arkansas																																
Missouri.																																	
Belle	Meramec	T.				.45								.60										.85	2.30	1.08	.12						5.40
Birchtree	Black	.11								.13				.51								1.40			.24	.96	.46						3.81
Cape Girardeau	Mississippi	.25			.01		.05				.05	.02			.50		.02				.40	.90			.04	2.20	2.05	.90					7.39
Cardwell	do	.06			T.						.28			.70							.51	1.24			T.	1.35	.84						4.98
Caruthersville	do	T.				T.				T.	.22			.85		T.				T.	.30	1.70			.05	1.10	1.20	T.					5.42
Cassville	White	.12				.01	.01			.18	.12		.12	.46		.02						1.33			1.61	.45	.70						5.13
Dean	Neosho									.23	.15		T.	.70							.67		.03	.01	2.10	.24	.67						4.80
Doniphan	Black					.07					T.	T.	T.	1.03							.15	2.00			T.	2.30	.70						6.25
Gano	Meramec	.10				.12					.08			.41		T.						.90		.33	1.55	1.35	.82	T.					5.66
Goodland	Black	.18				.10								.48								1.25			1.31	1.78	.09	.18					5.37
Hollister	White	.10							.20					.50								.75			.50	.45	.40						2.90
Ironton ‖	Mississippi	.20	.02				.10				T.	T.			.62	T.	T.					1.80			.93	1.83	.15	.52	T.				6.15
Jackson	do					T.				.25				1.06						.30	1.10			.05		3.47	.40	.05					6.68
Joplin	Neosho						T.							.25		T.					T.			T.	1.90	1.20		.32					3.67
Koshkonong	Black					.05	.03			T.	.05		T.	.67		T.	T.				.60	1.22		T.	.06	1.32	.42	T.					4.42
Lamar ‖	Neosho	.08				T.	T.								.34	T.						.24		T.	.62	2.03	.40	.02					3.73
Marble Hill	Mississippi			.25		.05					.15			.60							.45	1.00				2.50	.40	.40					5.80
Mountain Grove	White	.05	T.				T.			T.	.07		T.	.34		T.						.43		.21	.52	1.32	.70	.09					3.73
Mount Vernon	Neosho					T.							T.	.35		T.						1.10		T.	3.12	.53	2.10						7.20
Neosho	do					T.				.05	.19		T.	.88		T.					T.	.30		.10	2.70	.44	1.20						5.86
New Madrid ‖	Mississippi	.20			.02	T.	.04				.10	.10		.02	1.10						.65	1.10			.02	.45	2.20	.47	.02				6.49
Oakfield	Meramec	.10				.20					.13			.40		T.						.83		.65	2.99	1.06	.58						6.94
Rolla	do	.05	T.			.19					.23		.01	.48		T.						.88		.26	1.65	2.17	.60						6.52
Springfield	White	T.				.03				T.	.03		T.	.14		T.					1.41	T.	T.	.04	2.56	.14	.74						5.09

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

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Kentucky.																																	
Blandville	Mississippi	.17			T.	.10					.26			1.23		T.				.02	.35	1.28				4.55	.59	.04					8.59
Tennessee.																																	
Arlington ‖	Mississippi																																
Bolivar ‖	do				.06						.08	.05		T.	1.63						.38	1.16			T.	.55	3.83	.04					7.78
Brownsville ‖	do	.02					T.				.05			.06	.50						.02	1.22				.04	2.20	.31					4.42
Covington ‖	do											.06			4.00						.25	2.35					1.50	.45					8.61
Dyersburg ‖	do										T.	T.		T.	1.50					T.	T.	1.95				.55	1.40	.22	T.				5.62
Jackson	do									T.	.02			1.58						T.		1.50			T.	.04	2.75	T.					5.89
Kenton	do				T.					T.	.34		T.	1.10						T.	.37	1.20			.24	.48	1.79	.01					5.53
Memphis	do				T.					T.	.14			.87						T.	1.80	.10		.08		1.23	.56	T.					4.78
Milan ‖	do				T.						.15	T.		T.	1.00			T.			.02	.91				T.	1.43	.35	T.				3.86
Trenton	do										T.			1.08						T.	T.	.94				.45	1.32	T.					3.79
Union City	do						.18				.21			.90			T.				.45	2.02			.10	.78	1.78						6.42
Arkansas.																																	
Alicia	White										.20										.55	2.20				1.16	2.56						6.67
Amity	Ouachita										.70			.94							1.07	.30				.73	.29						4.03
Arkansas City ‖	Mississippi	.10									.70			.76	.34							1.28		.03			2.46	.06					5.73
Batesville ‖	White	.20									.10	.06		T.	.90						.26	2.10			.02	.63	1.94	.56					6.77
Bee Branch	Arkansas										.20			.90							.75	1.60				2.00	.20						5.65
Benton ‖	Ouachita																																
Bentonville	Arkansas					.01				.23	.04		.02	.48		.04				T.	1.71			.01	1.41	.15	.82						4.92
Bergman	White									.09			.05	.26								.98		.08	.10	.76	.80						3.12
Black Rock ‖	do	.14									.14	.07			.82						.53	2.65			T.	1.69	2.22	.42					8.68
Brinkley ‖	do										T.	.32			1.11						.63					T.	1.82	.26					4.14
Calico Rock ‖	do	.60									T.			T.	.50	T.					T.	1.50			T.	.80	.55	.65					4.60
Camden ‖	Ouachita									.21	.53			.09	.53							.58				.49	.39						2.82
Center Point	Red									.40	.42		T.	.30		T.					1.00					.50	.30						2.92
Clarendon ‖	White										.20	.18			1.09							.67			.20		1.02	.25					3.61
Conway	Arkansas									.04	.57			1.18		T.	T.				1.25	.42	T.	.01	T.	2.01	.37	.01					5.86
Corning	White	.18								T.	T.	.86			T.						.65	1.01			T.	3.86	.57	.03					7.16
Dardanelle ‖	Arkansas	.35									.10				.78						.48	1.10				.44	1.10	.42					4.77
Dodd City	White					T.				.10			.35			T.										2.75	.32						3.52
Dumas	Arkansas									.40			.12	.70							3.10					3.70	.20						8.22
Dutton	White												T.	.40		T.					.57	.75		T.	.15		.91						2.78
Eldorado ‖	Ouachita	T.								.06	1.13		T.	.41								1.22				.02	.41	.19					3.44
England ‖	Arkansas										.40		T.	T.	.95							1.42		T.	T.	T.	1.50	.52					4.79
Eureka Springs	White	T.								.15	T.			.41		T.						1.44		.11	.73	.39	.74						3.97
Fayetteville	do									.29			.04	.45								1.50		.21	.68	.55	.64		.30				4.66
Fordyce	Ouachita									.46				1.10							.45						.95						2.96
Fort Smith	Arkansas					T.				.04	.04		.06	.23		T.				.01	1.06			T.	.05	.12	.82						2.43
Fraziers Turnpike	do										.02	.35		.45							2.03					1.35	.87						5.07
Fulton ‖	Red										.80		T.	.18	.50							2.25					1.00	.08					4.81
Georgetown	White										.65	.15		.51	T.						T.	2.15				.50	1.45		.35				5.76
Hardy	do	T.				T.	.25			T.	.02					T.					.60	.93		.12	.10	2.58	.72	.03					5.35
Helena ‖	Mississippi	.02									.11	.13			.77						.01	2.90			.02		2.04	.61					6.61
Hot Springs	Ouachita	.03											.65			T.					.22	.90	T.			.70							2.50
Huttig	do										1.54		1.42	.62								2.00			.08		1.22						6.88
Jonesboro	White										.28			.70							.50	1.00				2.40	.60						5.48
Junction	Ouachita									1.54			1.05	1.25							.90				T.	1.40	.26						6.40
Lake Farm	Arkansas										.50			1.18							.20					T	.88						2.76
Lewisville	Red									.77	.25		.06	.96							2.00					.50	.51						5.05
Little Rock	Arkansas									.02	.40			.54		T.				T.	1.51		T.		T.	1.33	.64						4.47
Lutherville	do										T.		T.	.16		T.					.38	.76				1.05	.85						3.20
Malvern ‖	Ouachita										.55	T.		T.	.72		T.					1.85		T.			1.10	.10					4.33
Mammoth Spring	White	T.				.02	.01							.68							.82	1.20		.02		1.33	.46	.30					4.84
Marked Tree ‖	St. Francis																																
Mena	Ouachita									.11	.61		.11	.41		T.					.90	.93		.06	T.	1.58	.64						5.35
Newport ‖	White	.13									.23	.03			.75						.43	1.91				.50	1.60	.40					5.98
Pine Bluff ‖	Arkansas										.30			T.	.90							.67					.80	.22					2.89
Pocahontas	White	T.												.67							2.40	1.66				3.92	.82	T.					9.47
Pond	Arkansas	.18				T.				.18	.07		T.	.53		T.				T.		.71		.04	.83	.55	.65						3.74
Portland ‖	Ouachita	.02								.21	1.03	T.		.87	.30							1.11			.33		1.46	.27					5.60
Prescott ‖	do									.15	.49			.08	.89							2.55					1.28	.07					5.51
Rogers	Arkansas									.15	.08		.04	.34		.01					.40	.31		.05	.94	.40	.60						3.32
Springbank ‖	Red									.84	.75		.03	.27	.58							2.00		T.	T.		.52	.02					5.02
Stuttgart	Arkansas										.31			.78							.08	.78			T.	.25	.91						3.11
Subiaco	do									T.				.30		T.					.43					2.00	.86						3.59
Swain	White										T.	T.	T.	.28							.35	.31		.10	.37	.70	.53						2.64
Texarkana ‖	Red									.60	.46		.05		.40							2.50					.83	.10					4.94
Warren ‖	Ouachita												.20	.75								1.35						2.20	.15				4.65
Whiteclifts ‖	Red									.60	T.			.30	.30							1.10					.75	T.					3.05
Wiggs	Ouachita									.16	.44	T.		.76						T.	.61	.90		T.	T.	.80	.36	.04					4.07
Wynne ‖	St. Francis										.04	.38			.74							1.00				.12	1.26	.30					3.84
Mississippi.																																	
Anguilla	Yazoo									.75	.20		.65	.95								.50		T.	.05	.70	.20	.05					4.05
Austin	do				.03				T.	.25	.02		.86							T.		3.14			.29		2.71	.04					7.34
Batesville ‖	do									.20					1.75							.90				.11	2.96	.20					6.12
Big Creek	do																																
Canton	Big Black					.10				4.20	.22		.91	.22								.97			.07	.05	.33						7.07
Charleston	Yazoo									.27	.12		.47	1.73								.50			.10		1.33						4.52
Clarksdale ‖	do	.02									.15	.09		.08	1.39							1.95			.04		2.30	.57					6.59
Cleveland	do									.51	.13		.54	.79						T.	.05	.98			T.	T.	1.82						4.82
Coffeeville	do									.22	.84		1.08	2.12						.29		.81			.43	1.08	1.74						8.61
Corinth ‖	Mississippi										.14	.12		.02	1.56		T.			.02		1.44				.90	2.40	.76					7.36
Crenshaw	Yazoo										.10			.40			.45				2.80	.65		.60									5.00
Duck Hill	do									.24	.23		.35	1.96		T.					T.	1.55			.47	T.	1.10						5.90
Edwards	Big Black									4.50	.40		1.00	.70		.15					.20	1.00		T.	.35	.10	.85						9.25
Fayette	Mississippi									1.21	.25		1.22	.50							.11	.36			T.	T.	.55						4.20
Greenville ‖	Yazoo	.02								.16	.58			.82	.66							.97			.20	T.	1.20	.43					5.04
Greenwood ‖	do										.61	.10	.03	.77	1.35							.75				.47	.06	.67					4.81
Grenada	do																																
Hernando ‖	do				.05						.23	.05			.68						T.	1.72		T.		T.	3.00	.55					6.28
Hickory Flat	do									.10	.15		.05	1.15								1.18			.65		3.75						7.03
Holly Springs ‖	do				.02						.16	.18		.01	1.97						.05	1.13				.47	3.73	.24					7.96
Kosciusko ‖	Big Black										2.23	.27	T.	1.06	.45							.74					.18	.40					5.33

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

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
***Mississippi*—Contd.**																																	
Malone	Yazoo										.05	.16	.05	1.08								.65			.08	.16	4.42						6.65
Natchez ‖	Mississippi									.06	1.42		.10	2.21	.74						T.	.42				T.	T.	.71					5.66
Pontotoc	Yazoo									.25	.20		.20	1.50							.30	.20			.75	.25	.40	.60					4.65
Port Gibson ‖	Mississippi					.07				T.	2.46		.05	2.35	.38	T.						.41			T.	T.	T.	1.03					6.75
Rosedale ‖	Yazoo	.02									.45			.60			.40					1.80		.05			2.10	.20					5.62
Senatobia	do																																
Shoccoe	Big Black					T.				4.96			1.38	.40		T.					T.	.81			.43	.35	.23						8.56
Suffolk	Mississippi								.06	1.09			1.90	.28							.14				.09	.02	2.03						5.61
Swan Lake ‖	Yazoo										.55	.07	T.	.85	.78							.45			.32	.30	.86	.45					4.63
Tchula	do									.15	.80		.55	2.68			T.				T.	.67		.53		.26	.58						6.22
University	do																																
Utica	Mississippi				.07					2.65	.15		1.25	.72								.75		T.	.18	.11		.57					6.45
Vicksburg	do									3.59	.06		1.00	1.05						T.	.42	.15		.01	.13	T.	.22	.07					6.70
Water Valley	Yazoo										.20	.35		.38	1.60					T.	1.85				1.35	.75	1.10	T.					7.58
Woodville	Mississippi									1.13	.11		2.32	.22							.04	.16					.80						4.78
Yazoo City ‖	Yazoo									T.	1.81	T.		1.27	1.37							.32				.20	.05	.82					5.84
Louisiana.																																	
Abbeville	Coast							.05	.70	.68		.01	.15	.05	.01						.01						.74						2.40
Alexandria ‖	Red									.30	1.25		.27	2.27								.38			T.			.28					4.75
Amite ‖	Coast							T.		T.	1.80			3.70	T.								1.50		T.							T.	7.00
Antioch	Red									1.85			1.03	1.81							.17	.72				.35	.76	.02					6.71
Avoca Island	Coast							.25	.10			.37	.32														.55						1.59
Baton Rouge ‖	do	.03								T.	4.30			1.78	.28							.07						.13				.03	6.62
Burnside	do								.01	.72	.60		.50	1.94							.20	.05		T.	T.		.95				T.		4.97
Burrwood	do		.90			.56			.42	.20		.28				T.	.58				.46							.28				.20	3.88
Cades	do								T.	1.40	.28		.39	.12													.37						2.56
Calhoun	Ouachita									1.44	.18		1.55	.06							.30	.77				.15	.64						5.09
Cameron	Coast							.16	.82	.36			.19	.02							T.						T.						1.55
Carrollton	do									.08	.72	.21	.17	1.32	1.67	.79												.93					5.89
Cheneyville ‖	Red										.80		.75	.25	1.00					.10		.15		.10									3.15
Cinclare	Coast									2.90			2.22	.17							T.						.15						5.44
Clinton ‖	do					T.					1.33			2.00	.28							.15			T.		T.	.43				T.	4.19
Collinston	Ouachita									1.35	.25		1.25	.30							T.	.40				.17	.80						4.52
Columbia	Red																																
Covington ‖	Coast	.01								T.	3.10	T.		3.75	1.05					.24	.04	.28						.25					8.72
Dodson	Red									2.00	.10		1.44	1.01							.10	.21				.19	.25						5.30
Donaldsonville ‖	Coast										2.00			3.60	.50							.10						2.00					8.20
Dutchtown ‖	do									T.	1.80		.98	.10																			2.88
Farmerville	Ouachita									.42	1.30		1.56	.38							1.80					.65							6.13
Florence ‖	Coast	.01						.01	.01	2.60			.10														.60						3.33
Franklin ‖	do	.01							.25	.03	.05	.05	.01	.12	.05							T.						.30			T.	.01	0.88
Franklinton	Pearl								T.	1.90	.37		1.85	1.91		T.				.28	T.	T.			.10	T.	1.15	T.					7.56
Grand Cane ‖	Red									1.39	.88		.18	1.49	.48							.55					.19	.31					5.47
Grand Coteau	Coast									.01	2.42		.77	.74	.06							.06						.75					4.81
Hammond	do									2.95	.70		1.80	1.75							.10	.10					.95						8.35
Houma ‖	do				.10			.25	.70	.15	.05		1.20	.10													1.00						3.55
Jena	Red										1.52			2.00								.46			.20		.10						2.28
Jennings ‖	Coast									.04	1.06			.72	.04							.05						.05					1.96
Laark	Red																																
Lafayette ‖	Coast										2.45		.06	1.29	.05	.02						.03						.95					4.85
Lake Charles ‖	do										1.60			1.00																			2.60
Lakeside	do							.14		1.30			.17								.04												1.65
La Rose (near)	do																																
Lawrence ‖	do					.12			.13	.12	.52	.39	.04	.13	2.44	.20				.16	1.25						.60				.11	6.21
Leesville	Sabine																																
Liberty Hill	Red									3.65	.16		1.50	.10							.90	.55				T.	.86						7.72
Logansport ‖	Sabine									1.40	1.04		.2-	.88								1.60						.18					5.34
Melville ‖	Red									T.	2.15			3.40	.08							T.					T.	.64					6.27
Merryville	Sabine																																
Minden ‖	Red	T.								.90	1.15			1.45	1.41						T.	.70					.28	.04					5.93
Monroe ‖	Ouachita									.80	1.30		.02	1.34	.50							.32		.01	.02		.49	.08					4.88
Morgan City ‖	Coast	T.				T.			.23	.08	T.	.06		.07	.25	.02				T.		.0			T.			.53			T.	T.	1.28
Napoleonville	do							.25	.10	.50	.05	.80		.40	.05					.05					.05		.75					.02	3.02
Newellton	Mississippi									3.14	.32		1.43	.46	.13						T.	.16		.07	.21	T.	.31						6.23
New Iberia	Coast								.20	.45	.55		.05	.25							T.						.12			T.	T.		1.62
New Orleans (1)	do								.11	.61	.19		.88	1.45	.65	T.				.14	.01	.02		.02			.76				T.		4.84
New Orleans (2)	do				.01	.01				.06	.49	.13	1.11	1.25	.73					.12		.03						.75					4.69
New Orleans (3)	do								.06	.54	.18		.45	.60	.30					.08	.04	.12					.85						3.22
New Orleans (5)	do				.03	.02			.10	.41	.21	.01	.75	1.51	.68					.07	.01	.06					.57						4.43
New Orleans (6)	do								.11	.57	.22		.85	1.65	.60					.12	.03	.02					.66						4.83
New Orleans (7)	do								.05	.76	.29		1.03	1.03	.55					.10	.23			.04			.90						4.98
New Orleans (8)	do								.09	.82	.30		.77	1.50	.68					.08		.04					.63						4.91
Opelousas ‖	do										1.65			1.26	.21							T.						.86					3.98
Paradis	do								.15	.43	.32		.35	1.35	.15						.40							1.23					4.38
Pearl River	Pearl	T.				.16				.02	2.50	.04		.28	.52	.14	T.			.12	.52	.36		T.				.50					5.16
Plain Dealing	Red									1.59			.55	.55							1.23	.10				.59	.07						4.68
Rayne ‖	Coast									T.	2.78		.05	.45														.86					4.14
Reserve ‖	do									.06	.41			.80	.67	.16						.73						.12					2.95
Richland Plantation	Red									.16	1.00		1.93	.10	.05							.30			.05	.04		.13					3.76
Robeline ‖	do									.80	.85		1.20	2.10	4.00							1.05											10.00
Ruston	Ouachita									1.90			1.64	.08							1.60					1.71	.30						7.23
St. Francisville ‖	Mississippi									.02	1.65			2.65	.18	.03						.08		T.				.39				.02	5.02
Schriever ‖	Coast	T.							T.	T.				.95	.45	T.												1.25					2.65
Shreveport	Red									1.91	.03	T.	1.06	1.30							.17					.32	.02				T.		4.81
Simmesport	do									.13	.69		.80	2.01	.03							.49				T.		.47					4.62
South'n Univ. Farm	Coast								.12	T.	1.05	.05	.50	.81	.40					.03	.02	.23					1.85						5.06
Sugartown	do									1.42			1.13	.60																			3.15
Tallulah ‖	Mississippi									.51	1.58			1.13	1.44							.37				.06	.09	.67					5.85
Walker ‖	Coast																																
Winnsboro	Red																																

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

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

Date.	Colorado.						New Mexico.				Texas.				Kansas.										Oklahoma.			
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris.§§		Dodge City.		Ellinwood.		Iola.		Liberal.		Wichita.		Ardmore.		Bartlesville.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	30	7	20	− 1	32	11	49	19	46	16	45	16	46	22	31	2	32	1	31	5	55	7	30	9	28	15	38	5
2....	53	10	34	6	58	17	61	22	55	20	60	20	54	22	49	9	42	6	39	7	59	18	42	12	43	23	46	15
3....	55	31	30	13	54	40	62	27	50	29	61	40	58	27	54	28	49	25	53	35	68	33	48	38	55	42	58	43
4....	61	28	30	9	57	30	65	23	54	23	59	32	65	34	58	27	43	28	39	27	62	28	38	32	61	38	58	34
5....	56	34	33	7	51	34	62	32	54	29	56	35	67	37	54	31	55	30	48	26	70	37	49	33	60	34	61	31
6....	59	32	39	7	52	30	62	23	51	27	52	32	58	38	42	30	47	25	37	21	62	30	38	27	67	35	57	26
7....	60	27	44	12	54	29	56	29	44	29	58	26	60	38	59	29	62	30	57	30	64	29	57	32	51	32	62	31
8....	69	28	40	10	65	26	60	33	48	20	55	35	67	38	65	35	68	37	65	32	70	31	64	37	62	35	62	47
9....	61	30	38	10	59	28	63	34	53	34	56	39	55	39	61	37	62	36	61	41	75	35	60	43	61	45	53	48
10....	60	30	37	7	56	33	67	38	53	28	57	34	61	45	57	30	57	29	56	32	.....	31	55	36	58	46	62	43
11....	70	33	40	11	63	24	70	29	52	25	57	32	65	41	64	29	62	30	58	27	66	28	58	31	64	37	63	28
12....	70	33	38	14	62	30	60	40	53	22	66	40	71	41	71	42	65	37	61	38	74	43	65	42	66	48	63	43
13....	58	37	24	0	53	26	45	25	44	28	64	31	70	47	61	33	62	46	63	46	67	38	58	45	68	55	63	55
14....	44	18	6	− 5	32	14	52	28	35	18	40	18	59	48	33	14	50	18	57	23	49	18	45	18	67	44	55	34
15....	37	17	13	− 9	38	20	44	21	41	15	38	18	35	26	35	13	33	13	32	18	37	15	33	15	53	25	35	22
16....	50	15	28	1	57	15	54	11	54	9	56	17	54	25	54	18	55	19	49	19	54	17	50	23	40	21	51	22
17....	68	16	43	10	68	40	67	28	66	24	69	30	63	29	67	31	67	34	62	36	71	25	63	35	55	27	65	31
18....	75	31	39	18	66	34	65	35	65	27	68	32	67	33	72	44	66	43	64	42	70	45	66	44	63	40	65	36
19....	69	37	32	14	58	29	63	40	54	31	67	38	71	38	61	20	65	30	64	28	66	39	70	26	68	48	69	45
20....	41	18	26	4	29	15	60	31	49	18	56	19	74	43	23	10	30	17	31	22	40	16	26	19	78	35	45	28
21....	44	16	27	6	30	10	56	11	56	11	46	10	50	31	36	6	35	7	26	14	38	6	31	10	56	23	33	18
22....	68	19	41	19	66	18	56	35	67	21	55	24	55	30	53	19	49	17	51	19	59	23	48	19	47	28	56	24
23....	70	31	25	6	56	34	64	30	52	28	73	42	77	35	75	41	80	43	70	45	75	38	75	48	65	60	76	55
24....	55	24	27	1	36	23	56	29	58	17	66	34	79	35	41	26	67	32	55	33	69	32	61	29	76	64	55	46
25....	35	21	21	− 4	25	18	43	21	33	14	39	20	62	52	29	19	36	23	37	32	37	23	34	27	81	46	46	35
26....	30	12	12	− 5	25	11	35	11	38	− 2	31	14	43	40	30	13	31	15	32	20	32	13	31	19	63	32	35	28
27....	60	14	34	− 1	59	12	43	15	60	9	56	14	49	24	54	14	55	10	38	16	66	13	42	15	34	20	37	17
28....	70	22	36	10	65	30	56	27	69	20	71	27	60	25	65	29	61	26	53	28	73	26	57	29	45	32	60	27
29....	72	30	37	21	68	45	64	32	65	34	66	36	68	32	72	33	73	37	56	40	76	39	59	42	61	45	59	35
30....	81	40	40	29	74	48	71	41	72	35	80	36	80	42	84	45	86	46	72	40	83	37	82	42	72	50	74	45
31....	76	35	47	28	78	40	75	38	75	37	77	41	86	56	70	41	83	37	68	44	73	35	70	46	83	52	69	47
Mns..	58.3	25.0	31.8	8.0	53.1	39.7	57.9	27.7	53.7	22.5	58.1	28.5	62.2	36.5	54.2	25.7	55.7	26.7	51.1	28.6	62.0	27.4	51.8	29.8	59.7	38.0	55.8	33.7

Date.	Oklahoma.														Missouri.								Blandville, Ky.		Jackson, Tenn.	
	Enid.		McAlester.		Mangum.		Muskogee.§§		Oklahoma.		Weatherford.		Woodward.		Caruthersville.		Ironton.§§		Lamar.§§		Springfield.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	45	34	42	19	35	19	39	17	38	4	40	5	37	4	38	28	36	17	26	2	27	8	32	23	41	30
2.....	48	38	53	21	38	26	47	18	50	21	49	20	51	18	39	19	34	5	45	2	38	6	32	14	40	24
3.....	60	33	58	44	61	32	59	20	61	42	69	41	62	22	55	29	53	25	52	13	51	32	47	28	55	35
4.....	57	32	48	37	70	33	49	34	51	32	59	33	60	29	61	44	48	42	48	33	46	32	48	34	61	44
5.....	53	28	63	32	73	33	61	31	57	35	61	37	58	40	59	26	49	17	51	28	50	31	51	25	55	27
6.....	44	31	49	32	68	29	47	29	46	30	51	31	48	31	50	28	37	17	39	23	36	20	41	23	52	29
7.....	50	33	63	29	70	36	63	29	61	31	61	30	69	30	50	25	48	13	57	23	53	26	37	22	50	22
8.....	62	34	65	39	63	30	65	31	61	37	62	35	66	36	66	32	66	28	62	32	61	41	63	35	61	28
9.....	65	36	58	45	65	33	52	40	50	45	52	45	58	45	68	42	62	44	67	39	54	47	66	46	64	28
10.....	60	31	65	47	68	35	66	46	60	43	62	44	61	31	67	47	59	40	63	42	59	41	57	45	58	43
11.....	62	41	67	35	72	39	60	34	60	37	61	33	63	28	63	40	60	31	60	31	55	35	55	36	62	42
12.....	70	45	70	48	64	32	70	34	69	47	70	47	75	44	67	43	63	34	66	33	63	43	63	42	62	38
13.....	65	40	66	55	74	32	67	48	65	48	61	45	67	42	63	47	60	51	61	45	59	50	60	50	69	52
14.....	38	18	53	42	78	35	48	42	56	22	54	32	57	23	71	54	63	48	45	40	59	23	69	52	72	54
15.....	45	30	42	25	70	30	42	25	37	19	39	18	56	17	59	34	30	27	29	22	24	20	56	29	65	36
16.....	59	38	53	22	72	23	51	22	51	23	52	23	51	25	51	28	45	21	47	19	41	18	44	26	46	29
17.....	62	40	62	35	55	25	62	22	63	34	62	32	69	31	60	28	60	20	61	25	60	32	57	30	60	28
18.....	64	41	66	42	68	32	60	34	66	40	68	40	66	45	68	37	65	38	65	35	64	38	63	38	65	34
19.....	72	24	71	50	69	34	67	42	73	33	73	47	70	45	67	46	65	42	63	45	61	43	65	45	64	46
20.....	48	14	55	36	74	24	53	32	33	23	51	24	65	21	69	55	65	47	37	29	60	28	69	53	70	57
21.....	35	24	42	25	54	17	40	24	32	16	35	15	54	23	59	42	41	30	31	20	32	20	63	37	69	44
22.....	68	39	66	27	44	21	58	22	57	23	56	22	38	12	55	30	51	20	56	19	50	21	51	27	60	32
23.....	71	38	76	58	68	31	74	28	75	55	80	50	82	55	80	46	74	38	72	26	69	43	78	45	79	47
24.....	78	31	79	68	84	36	57	52	68	40	75	47	76	38	81	66	67	53	46	45	69	38	79	69	76	67
25.....	64	19	68	41	78	38	52	40	40	34	53	32	44	28	76	58	49	45	37	35	40	35	71	50	80	66
26.....	43	20	41	28	52	22	40	30	35	20	37	18	35	18	58	35	33	31	30	30	35	22	50	30	77	39
27.....	45	31	43	20	60	23	39	18	39	13	46	11	52	17	42	29	36	21	34	13	28	12	34	27	53	30
28.....	64	33	61	30	62	23	59	20	57	31	59	30	63	39	53	26	53	16	54	15	52	23	45	28	62	28
29.....	65	38	65	44	64	23	62	32	69	42	67	39	68	39	65	36	63	33	64	33	62	38	61	45	64	34
30.....	69	40	77	54	84	36	74	43	77	45	81	36	85	40	75	46	75	45	71	40	71	49	70	48	74	51
31.....	81	46	80	52	78	34	78	50	74	50	79	49	77	42	76	57	68	49	69	46	66	48	66	54	71	54
Mns.....	58.5	32.9	60.2	38.1	65.6	29.5	56.8	31.9	55.8	32.7	58.9	32.6	60.7	30.9	61.6	38.8	54.1	31.8	51.9	28.5	51.5	31.1	56.2	37.3	62.2	39.3

TABLE 3.—*Maximum and minimum temperatures at selected stations for March, 1913. District No. 7*—Continued.

Date.	Tennessee.				Arkansas.																		Mississippi.					
	Kenton.		Memphis.		Bentonville.		Dardanelle.§§		El Dorado.§§		Fort Smith.		Hardy.		Little Rock.		Pine Bluff.§§		Texarkana.§§		Wynne.§§		Clarksdale.§§		Corinth.§§		Greenville.§§	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	42	27	40	32	35	13	45	32	50	33	37	22	36	21	44	29	48	32	48	25	49	32	47	37	42	36	52	39
2	35	20	40	24	43	10	53	22	53	29	43	20	38	13	43	24	46	27	58	25	49	22	44	28	44	28	49	33
3	55	27	56	36	54	38	56	34	58	34	57	36	53	29	55	38	56	27	57	35	50	34	57	29	56	28	57	32
4	58	42	59	40	48	32	63	35	70	35	52	40	54	41	62	44	69	38	70	39	64	44	67	38	62	32	71	39
5	52	24	56	34	55	29	63	34	68	35	60	33	58	28	63	36	67	33	65	37	55	32	62	35	56	30	64	39
6	49	25	46	31	41	25	51	30	52	37	49	33	52	24	48	35	48	33	64	33	44	32	47	37	40	30	51	43
7	46	20	48	30	58	26	60	27	56	32	60	32	55	22	56	33	55	29	58	33	50	24	52	28	48	24	51	30
8	63	32	60	40	63	38	70	31	68	32	67	37	66	39	66	38	69	29	68	32	66	35	67	28	62	26	69	32
9	75	47	61	50	50	45	57	35	60	36	53	48	59	47	56	48	54	31	64	38	66	45	54	39	60	34	52	40
10	58	45	52	47	62	40	65	47	61	42	64	48	60	45	62	47	58	39	60	48	57	48	59	48	56	44	58	46
11	59	34	58	44	59	34	62	37	67	41	62	38	61	38	60	43	62	40	68	39	61	43	61	39	66	42	68	42
12	63	37	61	50	66	41	68	40	59	42	72	46	61	39	60	47	61	40	70	38	62	45	59	40	62	40	61	47
13	61	42	69	52	62	52	71	48	67	51	68	56	64	43	72	53	74	48	68	51	71	41	74	51	69	46	75	52
14	71	.....	68	51	59	26	60	51	67	44	63	31	66	48	63	50	68	55	72	50	60	54	72	57	74	58	71	53
15	.....	34	51	29	27	23	39	29	59	34	33	26	50	25	50	28	45	32	55	28	40	32	45	39	49	44	47	44
16	45	27	45	28	48	20	52	28	52	28	48	27	48	24	49	28	51	29	55	30	40	28	49	30	48	28	51	31
17	58	27	57	38	60	32	63	[illegible]	62	29	62	32	59	30	62	35	62	28	62	28	66	29	59	29	60	28	62	28
18	64	34	64	43	63	39	68	33	67	32	67	38	64	37	65	42	69	28	68	35	67	40	67	32	66	31	70	32
19	64	44	67	52	63	39	67	38	73	37	69	47	65	43	69	48	73	32	71	39	68	48	73	43	67	36	78	40
20	68	54	70	56	63	29	73	43	75	56	70	37	72	50	75	54	75	49	74	54	74	50	73	59	70	52	79	55
21	66	44	60	42	36	23	51	35	64	46	43	28	60	31	55	37	50	44	64	36	49	44	55	49	60	54	57	54
22	56	26	59	35	61	26	65	31	68	39	55	33	51	27	58	35	64	38	66	36	61	35	63	39	66	34	71	39
23	80	44	79	57	70	50	77	35	82	40	78	51	78	44	81	52	84	38	84	46	82	34	82	40	80	36	85	45
24	79	64	81	69	70	44	78	64	84	68	78	61	76	65	81	69	84	62	86	66	83	68	86	63	76	64	84	68
25	79	37	80	54	44	37	68	58	80	68	61	43	74	47	76	50	81	68	74	67	78	66	82	70	78	63	83	69
26	63	37	54	33	37	23	44	40	62	51	43	29	47	28	50	34	51	50	51	50	46	44	60	55	74	56	75	56
27	39	28	39	29	35	13	45	27	48	30	44	24	39	24	42	28	45	30	49	27	41	30	44	32	38	32	48	35
28	49	27	52	33	56	26	58	33	55	30	60	30	53	24	54	32	56	29	60	29	56	27	54	31	54	28	57	30
29	63	32	63	40	61	38	60	45	67	35	65	40	62	34	65	41	68	29	69	31	75	38	66	35	64	30	69	38
30	72	48	72	56	72	49	68	51	79	39	76	51	78	51	75	56	78	35	77	41	76	39	77	43	72	48	79	44
31	69	52	73	61	72	50	79	49	85	52	77	56	74	56	76	58	79	53	86	52	79	56	79	55	76	53	83	53
Mns.	60.0[a]	36.0[a]	59.4	42.5	54.6	33.2	61.3	37.7	64.8	39.9	59.2	37.8	59.1	36.0	61.1	41.7	62.9	37.9	65.8	39.3	60.8	40.0	62.5	41.2	61.1	39.2	65.4	42.8

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	50	41	57	35	51	43	60	40	66	45	63	52	61	44	61	26	54	40	63	49	66	33	64	53	50	31
2	50	31	59	23	52	38	59	34	63	40	67	38	62	36	63	24	55	33	60	44	63	29	66	39	55	32
3	69	29	79	27	59	38	64	34	66	38	68	34	65	38	60	23	59	33	65	44	62	25	69	38	59	39
4	70	34	65	43	70	54	73	35	69	52	67	37	71	43	74	25	72	51	69	55	74	29	68	40	70	50
5	65	38	70	38	66	47	75	45	78	52	75	48	74	53	75	28	69	42	70	53	75	36	75	54	71	42
6	53	37	48	37	54	41	60	45	68	55	72	44	78	54	72	29	55	45	69	52	61	37	70	53	56	41
7	55	29	51	29	50	37	50	38	56	39	60	40	55	42	70	31	56	37	54	44	51	37	54	44	55	39
8	67	30	65	29	66	40	64	37	62	45	59	41	63	43	77	30	68	34	54	44	66	37	57	43	65	41
9	52	33	57	30	54	47	55	40	74	52	66	46	72	47	79	39	53	46	76	53	53	36	76	45	53	46
10	60	45	62	41	56	52	65	50	73	58	72	49	67	55	85	40	59	50	70	60	61	48	73	57	59	50
11	65	46	70	34	68	49	69	45	71	49	73	51	70	49	89	38	70	46	69	56	74	41	75	53	66	44
12	63	45	72	35	59	52	65	45	68	58	70	52	68	50	90	39	59	52	78	57	62	41	77	53	58	53
13	74	57	79	58	74	57	80	55	74	66	78	57	76	58	84	40	79	56	80	65	80	55	80	62	74	57
14	74	58	72	48	71	59	71	53	80	57	81	57	76	57	82	30	71	56	79	65	69	56	78	60	64	48
15	56	45	54	45	60	37	51	44	65	52	58	57	59	50	59	28	47	42	67	44	48	39	60	57	48	31
16	49	29	51	30	49	32	53	30	51	36	56	37	52	31	60	25	52	30	50	39	54	27	53	36	52	29
17	61	29	64	20	60	34	61	31	67	34	65	31	62	31	63	29	63	29	60	39	64	34	63	33	61	34
18	67	32	72	31	67	43	68	31	70	38	71	32	69	35	70	30	69	34	60	46	69	24	70	35	66	40
19	66	41	78	41	74	54	76	35	72	56	67	40	77	44	75	40	78	44	65	56	67	27	73	44	72	45
20	77	56	76	61	77	55	73	47	75	59	71	57	78	55	78	45	76	62	79	60	77	47	79	59	72	55
21	69	53	63	48	64	50	66	55	85	63	85	62	79	63	79	48	61	53	83	67	60	45	87	62	55	41
22	70	40	74	46	69	44	73	45	78	53	79	56	81	54	82	48	70	41	72	59	74	41	84	59	69	41
23	80	43	85	38	82	62	80	46	85	64	80	58	82	56	88	50	82	58	80	65	81	41	86	60	79	59
24	83	63	83	56	81	69	81	67	83	69	83	64	80	67	89	51	84	68	81	68	82	68	83	69	80	69
25	80	68	90	62	81	72	81	70	82	70	82	70	81	71	87	55	80	70	83	70	80	70	83	71	78	58
26	81	68	67	62	80	41	80	70	80	69	83	71	85	71	80	53	76	64	84	54	80	70	84	71	69	35
27	46	34	63	28	49	35	55	35	59	39	60	44	55	38	80	28	52	34	54	45	53	50	60	41	49	30
28	58	29	56	24	57	34	57	35	62	34	60	35	60	36	82	30	61	32	55	39	62	28	61	36	58	35
29	68	34	69	32	68	42	66	36	67	46	69	38	65	40	82	35	68	38	66	50	68	38	73	42	67	44
30	76	41	81	42	76	56	80	45	76	60	75	48	80	52	85	34	81	51	72	56	77	40	80	49	74	56
31	82	55	80	53	79	61	82	57	82	62	81	56	82	60	86	36	84	56	77	58	88	44	85	57	82	56
Means	65.7	42.4	68.1	39.5	65.3	47.5	67.5	44.4	71.2	51.9	70.8	48.5	70.5	49.1	77.0	35.7	66.5	46.0	69.2	53.4	67.8	41.1	72.5	50.8	64.1	44.2

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