CLIMATOLOGICAL DATA FOR APRIL, 1913.

DISTRICT NO. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

In parts of the drainage area some very disagreeable weather was experienced, but the month as a whole was a favorable one for most outdoor pursuits and for general business. Three storms of more than ordinary severity crossed the district and practically all of the precipitation for the month was coincident with their passage. The second storm caused the greatest interruption to outside work. Its influence was felt over a large part of the district for four days, during which the weather was cold and almost continuously wet; in northeastern Nebraska, southeastern South Dakota, and northwestern Iowa the precipitation was in the form of snow, which was abnormally heavy. At many points the heaviest falls on record occurred. Telegraph and telephone wires were put out of service, transportation was interrupted, and trees and buildings were considerably damaged by the heavy weight of snow. In much of the area affected more than 20 inches of snow fell and at a few places the fall amounted to 25 inches.

In portions of the drainage area where the precipitation had been deficient, especially in the western counties of the Dakotas, prairie and forest fires were frequent, and the growth of vegetation was retarded by the lack of subsoil moisture.

Two tornadoes were reported during the month. The first originated in the vicinity of Atchison, Kans., on the 2d, advanced northeastward and passed through the extreme eastern portion of St. Joseph, Mo., at 8.04 p. m. The funnel-shaped cloud was well defined, but it did not extend to the ground until it reached a point near Thirty-eighth and Faraon Streets, in St. Joseph, where it dipped down and destroyed two barns, trees, and fences, and wrecked a one-story frame house, after which it lifted and continued its course to the northeast. Hail fell at intervals between 6.53 and 8.32 p. m.; some of the stones were large, one measuring 1.3 inches at its greatest dimension, and 0.6 inch at its least. Street light globes and windows were broken in various parts of the city, but the greatest damage was suffered by greenhouses. The second tornado developed near Sturgeon, Mo., about 2.30 p. m. of the 9th. The funnel-shaped cloud was clearly marked, and the path of greatest destruction varied in width from about 100 yards to one-half mile. A considerable amount of property was destroyed, and one person was killed and three were injured.

Over the district as a whole there was more sunshine than is usual in April, and in the lower part, where there were no especially low temperatures, fruit trees were well advanced at the end of the month.

TEMPERATURE.

The average temperature was above the normal in all the drainage area, except in a few scattered localities. The greatest excesses were in Montana and North Dakota; the greatest individual excess, 7.9°, was at Melville, N. Dak. Over the larger part of the district the average excess was less than 2°, and in a very considerable area it was less than 1°. No unusual extremes and no sudden changes of more than ordinary severity occurred. The most noteworthy feature from the temperature standpoint was the remarkably slight range between the extremes in northwestern Iowa during the storm of the 7th–10th; this is mentioned elsewhere in this report. The highest temperature for the month was 95° at Mobridge, S. Dak., on the 16th, and the lowest was 14° below zero at the Upper Geyser Basin in the Yellowstone Park on the 24th, making an extreme range for the district of 109°. In the remainder of the drainage area the zero point was not reached, except at two stations of high elevation, one each in Montana and Colorado. As a rule the highest temperatures were recorded on the 29th and 30th, but at a number of stations the highest occurred from the 13th to the 18th. The lowest occurred generally from the 3d to the 5th. At many stations in Iowa, Nebraska, Kansas, and Missouri there was no freezing weather during the month. Temperatures of 90° or higher occurred in all of the States in the drainage area except Colorado and Iowa.

PRECIPITATION.

The precipitation was below the normal except in Iowa and the eastern counties of Nebraska and South Dakota. Most of it occurred in three well-defined periods; the first extended from the 1st to 3d, the second from the 7th to 11th, and the last from the 17th to 25th. Most of it was very unevenly distributed in amount; at a few stations in Wyoming, Montana, and Colorado mere traces occurred, while at some places in Iowa and South Dakota there was more than 7 inches. The greatest for the month was 7.70 inches at Vermilion, S. Dak. The largest part of the precipitation was in the form of rain; however, at some of the stations at high elevations it was all in the form of snow. In most of the mountain sections of Montana, Wyoming, and South Dakota the snowfall was unusually light, and much of it melted soon after it fell. The heaviest fall of snow for the entire month was 38 inches at Woodrock, Wyo. At points in Colorado, South Dakota, Nebraska, and Iowa over 25 inches fell. In western Iowa, eastern South Dakota, and eastern Nebraska most of the snow occurred from the 8th to the 10th, when at many places a new record for heavy snowfalls was established.

RIVERS.

About the first of the month ice began to loosen up and move in the upper Missouri River. There was considerable fluctuation in the stream, caused by the forming and breaking of ice gorges. On the 3d a gorge formed about 100 miles above Bismarck and broke on the night of the 4th–5th. It had impounded a large body of water, the release of which caused flood stages at many places in the Dakotas. This wave as it passed from Sioux City, Iowa, to the mouth of the Grand River, in Missouri, was augmented materially by the precipitation that occurred from the 6th to the 11th, and bank-full stages prevailed almost as far down as the mouth of the Osage, near Jefferson City, Mo. Bank-full stages had prevailed also in both the Osage and the Gasconade, but these streams were falling rapidly when the upper Missouri wave reached the mouth of the Osage, and the effects upon the main stream below Jefferson City may be said to have caused only a stationary stage, as the fall in the Osage and the Gasconade was just sufficient to offset the rise from the upper river. Warnings of the rise were ample, and no damage of consequence was reported. At St. Louis the river was moderately high most of the month (due in a large measure to high stages in the Illinois and the upper Mississippi), and some low farm land was

flooded near the mouth of the Missouri. In the city the stage was not high enough to cause any inconvenience.

SPECIAL NOTES.

Iowa.—The feature of the month was a protracted period of heavy precipitation, beginning late on the 6th and lasting until the early morning of the 11th. Undoubtedly it was one of the most lengthy of its nature on record for this area. On the 9th, over the northern part of the area, the rain turned to snow and there followed the heaviest snowstorm of record. Upwards of 20 inches fell over a considerable territory. The snow was very moist and much damage was caused to trees, and in Sioux City car service had to be suspended for 36 hours. Also in that city the telephone and lighting services were badly demoralized. The snow melted rather slowly and some remained on the ground for four days. The variation in temperature on the 8th, 9th, and 10th in northwestern Iowa was remarkably small; in fact, it is believed to have been unprecedented. For the entire period of 72 hours the range between the maximum and the minimum was not more than 6°. At Inwood, where the greatest precipitation occurred, it was but 2°, the maximum being 33° and the minimum 31°.

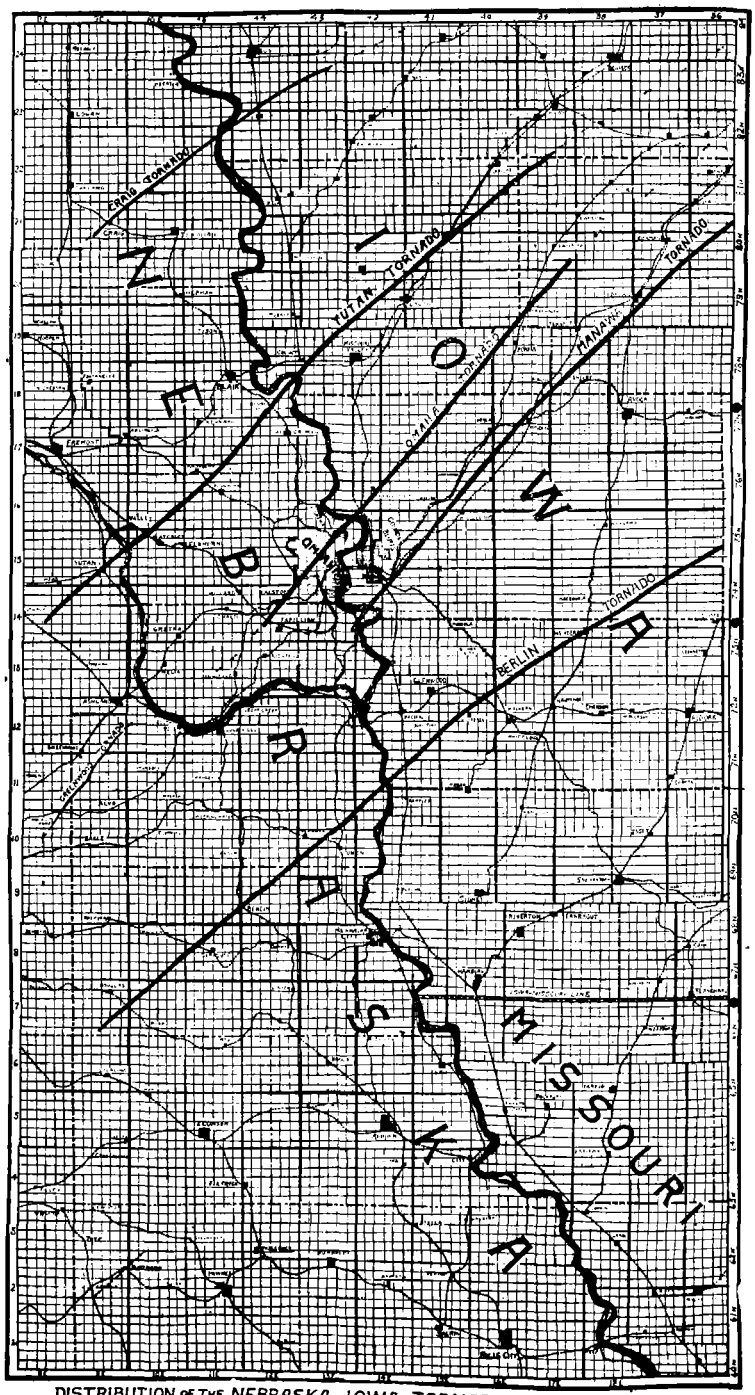
South Dakota.—At Yankton about 13 inches of moist snow fell in the 48 hours ending 9.30 p. m. of the 10th, causing much delay to railway traffic and the complete severance of telegraphic and telephonic communication for two days. The snow, however, was of incalculable benefit to farming interests.

IOWA-NEBRASKA TORNADOES OF MARCH 23, 1913.

(By G. A. LOVELAND, Junior Professor, U. S. Weather Bureau.)

The morning weather map of March 23, 1913, showed a well defined area of low barometric pressure covering the southern Rocky Mountain region, with the center in northern Colorado and pressure slightly less than 29.40 inches. This area moved eastward and slightly northward during the day, across Kansas and Nebraska, and at the evening observation the center was in western Iowa, with barometric pressure between 29.25 and 29.30 inches. In the late afternoon, from 4 to 6 p. m., central time, the center of the area seems to have moved across eastern Nebraska, along a line somewhat north, but probably not far north, of Lincoln and Omaha. Between 5 and 6 p. m. a large area, covering some 10 or 12 counties in eastern and southern Nebraska, was covered by a layer of very unstable air. The unusual appearance and motion of the clouds were very generally noticed, and indicated a violent disturbance.

A series of violent storms developed over eastern Nebraska and moved northeastward into Iowa along paths shown on the accompanying chart. They appeared as well defined tornadoes in Nebraska, with the funnel-shaped cloud and usual accompanying characteristics of such storms, but Mr. George M. Chappel, section director at Des Moines, Iowa, thinks that "most of the manifestations on this side of the river (Iowa) indicated, over the large part of these courses, only straight line squalls."



DISTRIBUTION OF THE NEBRASKA-IOWA TORNADOES OF MAR. 23, 1913
BY G.E. CONDRA AND G.A. LOVELAND

The more northerly of these storms developed earliest in the day. The Craig storm crossed the river about 5.35 p. m. The Yutan storm, the next one south, crossed the river near DeSoto at 5.45 p. m. The Omaha storm was at the river about 6 p. m., the Manawa storm at 6.15 p. m., and the Berlin storm at 6.35 p. m.

As the chart shows, the storms moved very nearly northeastward and were not affected by the valleys or hills over which they passed. The Berlin storm seems not to have left the ground, the path of destruction being continuous, as shown by its action on the ground even when buildings or trees were absent. A slight fall of hail preceded this storm and quite generally attracted attention to its approach, and thus many persons were in the cellars and escaped injury, although 13 were killed in Nebraska. The rainfall was not heavy, being generally estimated at from a fourth to a half inch. The rainfall was measured at two places near the path, viz, Syracuse, where 0.38 inch fell, and Weepingwater, where 0.47 inch fell. This storm appeared to have had more force than the one which passed through Omaha with such disastrous results, a full description of which appeared in the Review for March.

Some destruction resulted from storms in Nebraska west of those indicated on the chart, one in Pawnee County and one in southwestern Lancaster County near Kramer. This may have been the extreme western end of the storm which later developed and passed near Greenwood.

Nineteen lives were lost in Nebraska in the storm that destroyed Yutan and moved northeastward to the Missouri River. This storm, fortunately, missed several small cities, and it appears to have had less energy than either the Berlin or the Omaha storms. No careful estimate of the property loss has been made.

TABLE 1.—*Climatological data for April, 1913. District No. 6, Missouri Valley.*

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.
Wyoming.																				
Arapahoe	Fremont	5,200	3																	Edw. L. Seymour.
Basin	Bighorn	3,862	14	48.2	+ 0.6	80	18†	21	24	44	0.62	0.00	0.35	4.0	2	25	2	3	nw.	O. J. Robertson.
Big Creek Station	Carbon	7,500	2																	U. S. Forest Service.
Boyd	Weston	6,192		39.5		72	29	8	4	41	0.48		0.17	4.7	7	15	5	10	nw.	Kirk Baker.
Burns	Laramie	5,400	3	44.4		78	28†	18	9	42	1.47		0.43	11.1	6	12	12	6	nw.	E. W. Bastian.
Casper	Natrona	5,101	4																	M. C. Cook.
Centennial	Albany	8,074	10	38.4		68	30	11	3	34	0.93		0.22	8.5	9	9	3	18	w.	Louis A. Gregory.
Cheyenne	Laramie	6,088	42	41.6	+ 1.5	73	29	19	10	38	1.35	− 0.50	0.52	4.9	10	7	12	11	nw.	U. S. Weather Bureau.
Chugwater	Platte	5,282	12	44.5	+ 1.3	78	29	20	10	48	0.45	− 1.09	0.25	2.0	2	12	13	5	nw.	A. H. Woolever.
Clark	Park	4,320	8	47.4		77	27	20	3	35	0.67		0.35	2.0	5	12	12	6	w.	Chas. A. C. Snow.
Cody	do	5,000	6	48.2		75	13†	2	3	51	0.15		0.15	2.0	1	14	11	5	w.	D. A. Tinkcom.
Dome Lake	Sheridan	8,821	5	30.6		61	13	− 4	3	39	1.84		0.40	23.0	9	11	11	8	sw.	Abe. Mills.
Douglas	Converse	4,793	4	46.0		78	28†	18	11	49	0.75		0.55	0.7	3	20	8	2	w.	Henry C. Miller.
Dubois	Fremont	6,909	6	37.4		68	12	14	3	42	0.78		0.24	3.5	6	13	13	4	w.	Dr. F. H. Welty.
Eatons Ranch	Sheridan	4,600	8	49.5		88	17	22	10	61	1.05		0.40	10.5	6	18	4	8	w.	F. A. Eaton.
Echeta	Campbell	4,200	4								0.85		0.50	3.0	2	19	4	7	s.	M. R. Hunter.
Elk Mountain	Carbon		8								0.80		0.34	16.0	4					Wm. Richardson.
Encampment	do	7,322	4	41.6		67[f]	28	10[f]	10†	39[f]	1.12		0.30	4.5	8	4[f]	16[f]	4[f]	w.	U. S. Forest Service.
Ervay	Natrona	6,400	4	40.4		71	28	12	10	32	1.57		0.71	15.0	7	16	7	7	sw.	Frank Jameson.
Fort Laramie	Goshen	4,270	35	47.6	+ 2.4	86	15	16	11†	55	0.76	− 0.78	0.40	5.0	3	18	8	4	w.	John Hunton.
Foxpark	Albany	9,015	3								1.20		0.40	10.0	4					U. S. Forest Service.
Germania	Bighorn	4,312	2	46.4		80	27	15	3	49	0.08		0.03	1.0	3	24	2	4	nw.	J. W. Peper.
Gillette	Campbell	4,546	7																	M. H. Shields.
Horse Creek	Fremont	8,000	1																	U. S. Forest Service.
Hunters Station	Johnson	8,000	7	35.9		64	27	1	10	43	1.53		0.38	16.0	7	22	1	7	ne.	Do.
Hyattville	Bighorn	4,632	14	48.4	+ 2.1	84	28	23	7†	45	0.25		0.25	3.0	1	12	10	8		Wm. Booth.
Jireh	Niobrara	5,100	3								1.24		0.87	3.0	4	16	9	5	nw.	P. L. Ford.
Kinnear	Fremont			44.0		77	27	12	4†	45	2.10		1.30	6.4	4	13	13	4	e.	John C. Hays.
Kirtley	Niobrara		9	42.2		79	29	9	4	46	1.11		0.70	2.0	3	17	5	8	nw.	D. M. Zumbrunen.
Kirwin	Park	9,187	4																	C. L. Tewksbury.
Knowles	Crook	4,500	4								0.85		0.47	12.2	3	15	10	5	sw.	Geo. A. Knowles.
Lagrange	Goshen	4,720	3	47.0		80	28†	15	9	41	0.86		0.25	5.5	6	16	8	6	w.	Owen Shupp.
Lander	Fremont	5,372	21	44.6	+ 2.4	73	13	17	4	41	2.23	− 0.23	0.80	12.4	6	11	14	5	sw.	U. S. Weather Bureau.
Laramie	Albany	7,188	22	40.2	+ 1.1	68	28	14	4†	41	0.41	− 0.66	0.14	4.1	7	22	4	4		University of Wyoming.
Leo	Carbon	6,878	11	42.5	+ 3.2	68[g]	28†	13[g]	10	46[g]	0.39	− 0.45	0.19	2.2	3	12[g]	1[g]	10[g]	w.	C. A. Cowdin.
Lolabama Ranch	Park	7,052	9																	Mary E. Painter.
Lovell	Bighorn	3,825	7																	R. Fred Harrison.
Lusk	Niobrara	5,007	22	45.0	+ 2.4	81	26	17	3	48	1.16	− 0.16	0.86	3.0	2					D. E. Goddard.
Manville	do	5,050	3								1.26		0.85	3.0	3	9	6	15	sw.	L. C. Stoddard.
Moorcroft	Crook	4,311	9	47.9		82	28	20	3	45	0.65		0.45	7.0	2	15	8	7	n.	C. T. McCampbell.
Moore	Albany	6,000	12	45.1	+ 2.4	75	27†	16	10	44	0.75	− 0.61	0.15	4.4	9	7	12	11	w.	Edwin Moore.
Newcastle	Weston	4,319	6	48.6		84	28	22	4	42	0.26		0.15	1.5	2	17	4	9	w.	Dr. S. W. Johnson.
Pathfinder	Natrona	5,735	7	44.5	+ 0.2	69	14†	20	3†	37	0.10	− 0.93	0.02	0.5	7	12	13	5	sw.	U. S. Reclamation Service.
Pinebluff	Laramie	5,038	10	45.4		82[d]	29	15[d]	11	40[d]	1.78		0.54	10.0	6	15[g]	1[g]	7[g]	nw.	C. L. Beatty.
Pine Ridge	Crook		1								T.		T.	T.	0	19	4	7		J. E. S. Altaffer.
Powell	Park	4,376	5	46.8		78	14†	16	3	47	0.01		0.01	T.	1	14	6	10	nw.	U. S. Reclamation Service.
Rawlins	Carbon	6,748	11	42.4	+ 0.4	69	27	14	3	43	0.69	− 0.36	0.16	2.5	10	10	11	9	w.	E. J. Ehrenfeld.
Rock River	Albany	6,900									0.18		0.13	2.1	2	20	2	8	e.	Rock Creek Conservation Co.
Rockypoint	Crook		1								0.09		0.08	1.1	2	14	7	9	nw.	P. Woxen.
Saratoga	Carbon	6,785	15	43.6	+ 2.8	71[i]	30	15[i]	11†	52[i]	0.45	− 0.69	0.30	1.5	2	15[i]	1[i]	5[i]	w.	R. G. Hamilton.
Seven-mile Creek	do		2																	U. S. Forest Service.
Sheridan	Sheridan	3,790	18	45.6	+ 2.1	80	27	17	3	48	0.62	− 1.01	0.24	2.4	5	11	12	7	nw.	U. S. Weather Bureau.
Shoshone Dam	Park	5,385	7	47.4		79	13	10	3	39	0.42		0.20	4.0	5	17	11	2	w.	U S Reclamation Service.
South Pass City	Fremont	7,796	11	35.9		61	28†	8	23	41	0.85		0.34	4.1	8	7	14	9	sw.	John Sherlock.
Sundance	Crook	4,750	1	45.6		80	15	15	4	40	0.40		0.30	4.0	2	15	7	8	w.	Geo. W. Ashdown.
Thermopolis	Hot Springs	4,350	9	47.4		80	27	16	7	48	1.17		0.39	11.5	6	19	7	4	n.	A. L. Duhig.
Thornton	Weston	4,452	1	48.7		81	15	22	10	46	0.13		0.09	1.7	2	15	1	14	nw.	Geo. H. Ferguson.
Ulm	Sheridan	4,448	1	45.2		78	27	16	11	49	0.35		0.20	1.5	3	18	8	4	se.	W. H. Coleman.
Verona	do	4,360	4								1.10		0.30	9.0	6	15	7	8	se.	O. A. Roode.
Wheatland	Platte	4,700	2	43.4		91	29	11	10	59	0.52		0.30	3.0	3	12	9	9	nw.	C. A. Rockwell.
Wiants Ranch	Carbon	7,400	3								0.58		0.20	5.0	5	12	14	4	sw	Ira G. Wiant
Woodrock	Sheridan	8,500	2								2.96		0.70	38.0	9	15	9	6	sw.	U. S. Forest Service.
Worland	Washakie	4,033	2	46.6		79[g]	29	13[g]	7	49	0.77		0.30	5.5	6	21	5	4	nw.	Prof B. C. Buffum.
Wyncote	Goshen	4,186	6	48.0		84	29	16	11	53	0.52		0.18	2.5	4	6	22	2	nw.	U. S. Reclamation Service.
Yellowstone Park	Yellowstone Park.	6,200	25	38.3	+ 1.3	67	14	17	9	37	1.21	− 0.17	0.50	5.5	7	8	13	9	sw.	U. S. Weather Bureau.
Fairview Dome	do	7,000	8	31.5		68	15	0	17	50	1.24		0.45	5.5	5	9	10	11	sw.	U. S. Army.
Fountain	do	7,220	7	33.2		60	12	3	23	52	1.40		0.50	14.0	5	10	6	14	sw.	Do.
Gallatin	do	7,400	2																	Do.
Grand Canyon	do	7,900	6	34.9		57	14	− 10[n]	23	46[n]	0.80		0.60	8.0	3	9	15	6	e.	Do.
Lake Yellowstone	do	7,733	9	28.6		59	19	− 6	7	46	2.48		0.71	21.0	8	11	0	19	se.	Do.
Norris	do	7,500	9	30.8		68	14	− 5	23	58	1.10		0.60	11.0	3	14	8	8	w.	Do.
Riverside	do	6,500	7								0.40		0.30	4.0	3	18	7	5	s.	Do.
Sylvan Pass	do	7,000	6	35.4		64	14	10	10†	45	1.43		0.54	12.0	6	13	0	17	w.	Do.
Thumb	do	7,772	7																	Do.
Tower Falls	do	6,250	4	39.3		67	13	9	9	49	0.68		0.30	4.0	9	20	3	7	nw.	Do.
Upper Geyser Basin	do	7,395	9	30.7		61	13†	− 14	24	50	0.12		0.10	1.2	2	14	11	5	s.	Do.
Montana.‡																				
Adel	Cascade	5,200	1	42.8	+ 4.6	74	13†	11	3	39	1.11	− 0.74	0.50	9.0	6	15	9	6	w.	Mrs. Bessie F. Burch.
Agricultural College	Gallatin	4,700	15	42.3	+ 2.8	74	14	21	3	37	1.65	− 0.09	0.49	12.2	7	12	5	13	se.	J. I. McGraw.
Augusta	Lewis and Clark	4,071	14	41.6	+ 1.1	80	12	7	3	58	0.80	− 0.25	0.48	10.0	2	22	4	4	w.	C. C. Covington.
Babb	Teton	4,461	6	40.1		69	12	10	3	45	0.33		0.32	0	2	16	12	2	sw.	U. S. Reclamation Service.
Bald Butte	Lewis and Clark	6,500	3								0.90		0.30	12.6	7	13	5	12		M. W. Alderson.
Bigtimber	Sweet Grass	4,072	7	45.9	− 0.3	81	14	13	4	49	0.78		0.48	7.0	2	20	2	8	w.	F. A. Severance.
Billings	Yellowstone	3,115	17	48.0	+ 1.0	86	14	22	3	54	0.22	− 1.04	0.06	1.0	5	12	8	10	w.	Dean J. Cole.
Blackleaf	Teton	4,260	5	40.6		74	12	14	3	44	0.44		0.32	5.5	4	15	9	6	w.	Roy McNeal.
Boulder Nursery	Jefferson	4,920	17	39.4[f]	+ 0.4	70[f]	13	6[f]	5	49[f]	0.77	− 0.10	0.30	5.0	7	7[f]	15[f]	2[f]	n.	U. S. Forest Service.
Bowen	Beaverhead	6,060	6	31.3		60	26	1	8	42	0.73		0.31	0	5	16	6	8		B. B. Lawrence.
Bridger	Carbon	3,664	4	47.8[e]		80[e]	14†	19[e]	24	49[e]	0.02		0.02	T.	1	5[e]	15[e]	7[e]		I. E. Gard.
Broadview	Yellowstone		6	46.8		86	27	15	3	54	0.24		0.17	3.0	2	18	5	7	sw.	Thos. S. Hunt.
Browning	Teton	3,980	4	40.7		72	12†	14	3	41	0.50		0.32	5.0	3	28	0	2	w.	U. S. Reclamation Service.
Busby	Rosebud		9	46.8	+ 1.9	81	27	18	3	52	0.79	− 0.30	0.54	5.0	4	15	11	4	w.	Rev. G. A. Linscheid.
Busteed	Stillwater		5	44.5		80	13†	11	3	46	0.65		0.30	3.0	5	13	12	5	w.	T. H. Busteed.
Canyon Ferry	Lewis and Clark	3,644	14	47.0	+ 3.8	81	14	22	7	48	0.42	− 0.32	0.15	5.0	4	18	7	5	nw.	W. L. Kirk.
Cascade	Cascade	3,361	8	46.4		82	13†	12	3	50	1.54		0.51	10.5	8	11	13	6	sw.	Dr. E. E. James.

TABLE 1.—*Climatological data for April, 1913. District No. 6*—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.		
Montana—Continued.																				
Chessman Reservoir	Lewis and Clark	5,275	4	35.5	.....	65	14	0	3	36	1.58	.....	0.54	14.6	12	19	6	5	sw.	C. D. Schmidt.
Chester	Hill	3,140	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. D. Keith.
Chinook	Blaine	2,502	14	47.4	+ 4.9	86	13	21	2	52	1.46	+ 0.79	1.18	0	3	14	12	4	w.	T. O'Hanlon Co.
Clearcreek	....do	.....	7	.....	.....	.....	.....	.....	.....	.....	1.50	.....	1.07	1.5	3	.....	.....	.....	.....	Cortez Sedgewick.
Clydepark	Park	5,027	1	42.0	.....	75	13†	20	3	50	0.87	.....	0.43	11.0	4	12	12	6	w.	Frank Taylor.
Conrad	Teton	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Robert J. Kelly.
Copper	Meagher	.....	8	.....	.....	.....	.....	.....	.....	.....	0.81	.....	0.38	10.0	6	18	8	4	w.	Orville Harris.
Crow Agency	Big Horn	3,041	30	50.2	+ 5.2	82	14†	24	3	46	0.63	− 0.75	0.40	2.0	4	.....	.....	.....	.....	Harry Throssell.
Culbertson	Valley	1,927	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. H. Coulter.
Cut Bank	Teton	3,700	14	44.8[g]	+ 6.2	80[g]	13	17[g]	8	55[g]	0.26	− 0.61	0.16	0	2	18[g]	4[g]	1[g]	w.	Chas. N. Thomas.
Denton	Fergus	3,500	4	46.2	.....	82	13	11	3	42	1.07	.....	0.50	9.5	7	16	8	6	nw.	P. J. Griesenauer.
Dillon	Beaverhead	5,147	15	37.4	− 4.9	57	25	12	3	27	1.43	− 0.54	0.41	9.5	9	14	8	8	sw.	Prof. J. E. Monroe.
Dry Wolf Camp	Cascade	6,000	4	.....	.....	.....	.....	.....	.....	.....	1.03	.....	0.40	10.5	9	17	7	6	sw.	Mrs. Harriet R. Eveleth.
Dunkirk	Teton	3,293	1	.....	.....	.....	.....	.....	.....	.....	0.49	.....	0.33	4.0	7	21	5	4	w.	B. C. Protzman.
Ekalaka	Custer	.....	12	48.2	+ 7.2	85	14	7	3	44	0.07	− 0.67	0.07	1.0	1	17	5	8	n.	William Freese.
Fallon	....do	2,208	8	49.4	.....	86	15	22	3†	50	0.05	.....	0.05	0	1	23	7	0	w.	Mrs. A. C. Gifford.
Findon	Meagher	6,000	1	39.6	.....	71	14	8	3	35	1.16	.....	0.68	17.5	7	13	9	8	w.	Lewis Cameron.
Flathead Creek	Gallatin	6,000	2	39.0	.....	65	14†	10	3	40	0.58	.....	0.34	2.0	3	12	7	11	w.	Alta Williams.
Forsyth	Rosebud	2,514	6	50.2	.....	87	14	20	3†	53	T.	.....	T.	0	0	15	8	7	w.	H. Mackenzie.
Fort Benton	Chouteau	2,630	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jere Sullivan.
Fort Shaw	Cascade	3,500	24	46.1	+ 4.2	80	14	14	3	47	0.99	+ 0.42	0.37	6.0	4	12	11	7	sw.	U. S. Reclamation Service.
Foster	Big Horn	.....	3	47.8	.....	83	14†	21	3	53	0.29	.....	0.18	1.0	4	17	7	6	sw.	E. K. Bowman.
Garneill	Fergus	5,500	4	36.5	.....	64	13†	6	3	44	0.90	.....	0.80	10.0	2	19	5	6	nw.	Thos. E. Scally.
Glasgow	Valley	2,092	16	46.2	+ 4.1	85	14	19	10	47	0.04	− 1.00	0.04	0	1	21	6	3	w.	W. M. Leonard.
Glendive	Dawson	2,069	22	49.1	+ 5.1	88	27	21	3	53	0.53	− 0.61	0.30	2.5	4	12	15	3	s.	E. C. Leonard.
Goldbutte	Hill	.....	5	44.3	.....	81	13	19	16	47	0.61	.....	0.20	1.0	6	15	11	4	w.	Joseph Berthelote.
Graham	Custer	.....	7	47.4	.....	83	27	17	3	50	0.20	.....	0.18	3.0	2	18	8	4	sw.	J. S. Rue.
Great Falls	Cascade	3,350	21	46.2	+ 1.4	79	14	24	3	41	1.90	+ 0.79	0.46	18.9	10	15	11	4	sw.	Robert Deardorf.
Harlowton	Meagher	4,165	5	42.1	.....	80	14	11	4	56	0.11	.....	0.04	1.2	3	16	4	10	w.	Joseph Muir.
Havre	Hill	2,505	33	46.1	+ 3.4	83	13	20	8	52	1.35	+ 0.34	0.77	7.0	7	13	8	9	sw.	U. S. Weather Bureau.
Hebgen Dam	Gallatin	6,700	7	36.8	.....	66	13	10	7	46	2.56	.....	1.89	12.8	8	5	13	12	.....	T. I. Carson.
Helena	Lewis and Clark	4,110	33	45.0	+ 3.0	76	14	22	3	38	1.07	− 0.07	0.45	14.8	7	7	10	13	sw.	U. S. Weather Bureau.
Highwood	Chouteau	.....	6	.....	.....	.....	.....	.....	.....	.....	1.43	.....	0.45	6.3	5	16	3	11	sw.	W. S. McCord.
Huntley	Yellowstone	3,014	7	47.6	.....	83	14	17	3	48	0.36	.....	0.28	0	2	15	11	4	w.	U. S. Reclamation Service.
Jordan	Dawson	.....	7	48.6	.....	85	14†	20	3	53	0.38	.....	0.16	2.0	3	20[a]	5[a]	4[a]	w.	W. C. Henderson.
Knobles Ranch	Hill	.....	2	.....	.....	.....	.....	.....	.....	.....	0.53	.....	0.33	12.0	5	19	6	5	w.	F. H. Knoble.
Lewistown	Fergus	4,010	15	42.9	+ 2.0	81	14	14	3	50	0.69	− 0.84	0.30	3.5	6	14	6	10	sw.	W. W. Watson.
Lonetree	Chouteau	3,280	7	46.2	.....	83	13†	16	3	46	2.03	.....	0.73	6.0	5	17	9	4	w.	E. Wilson.
Lothair	Hill	3,301	1	43.7	.....	80	14	16	3	48	1.00	.....	0.60	5.0	3	21	4	5	w.	James H. Whiteley.
Lytle	Chouteau	.....	1	45.9	.....	80	13†	22	3	39	1.15	.....	0.66	8.9	6	18	9	3	sw.	J. F. Fait.
Malta	Valley	2,240	6	48.6	.....	84	13†	20	3	52	0.21	.....	0.12	0	3	16	13	1	w.	U. S. Reclamation Service.
Medicine Lake	Sheridan	.....	2	45.5	.....	88	15	11	26	52	0.18	.....	0.10	0	3	17	10	3	s.	J. S. Collier.
Melstone	Musselshell	2,903	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. C. Greening.
Mildred	Custer	.....	4	.....	.....	.....	.....	.....	.....	.....	1.04	.....	0.87	T.	2	15	13	2	sw.	Leon B. Clark.
Miles City	....do	2,371	21	51.0	+ 6.3	86	27	26	3	43	0.40	− 0.78	0.27	1.2	4	10	16	4	ne.	U. S. Weather Bureau.
Norris	Madison	4,845	6	46.4	.....	73	14	25	7†	39	0.75	.....	0.30	4.5	6	10	9	11	s.	Madison River Power Co.
Olsen Creek	Jefferson	6,345	4	.....	.....	.....	.....	.....	.....	.....	0.99	.....	0.41	5.5	4	12	9	9	w.	Robert Olsen.
Pinegrove	Musselshell	.....	1	37.4	.....	70	27	4	6	30	0.17	.....	0.10	1.7	3	13	8	9	w.	G. W. White.
Pipestone Pass	Jefferson	7,000	4	.....	.....	.....	.....	.....	.....	.....	1.27	.....	0.41	15.3	6	11	12	7	w.	Mrs. T. Keirmeyer.
Plevna	Custer	2,757	1	46.8	.....	84	14†	17	24	45	0.14	.....	0.11	0.7	2	19	5	6	nw.	C. C. Conser.
Poplar	Valley	2,020	27	48.4	+ 6.4	91	14	19	3†	57	T.	− 1.01	T.	0	0	23	3	4	n.	H. M. Cosier.
Red Lodge	Carbon	5,548	13	40.0	+ 2.0	73	27	15	4	40	0.67	− 2.06	0.39	7.5	3	12	11	7	se.	I. A. Draper.
Renova	Jefferson	4,383	14	44.7	+ 2.8	79	14	18	2†	54	1.00	− 0.29	0.44	5.5	4	18	5	7	sw.	F. B. Elmer.
Ryegate	Musselshell	3,640	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. Scherfenberg.
Savage	Dawson	2,050	7	48.9	.....	88	15	19	10	64	0.28	.....	0.28	1.5	1	16	10	4	n.	U. S. Reclamation Service.
Shelby	Teton	3,276	1	43.8	.....	82	13†	16	2†	59	0.55	.....	0.55	5.0	1	16	8	6	.....	Olaf C. Fjeld.
Sidney	Dawson	.....	2	48.3	.....	88	15	20	10†	54	0.09	.....	0.08	0.1	2	24	3	3	se.	Fred W. Arndt.
Springbrook	....do	.....	11	49.3	+ 7.5	87	14†	14	3	44	0.80	− 0.43	0.40	6.0	3	14	12	4	w.	Mrs. H. L. Miller.
Sunlit Farm	Blaine	.....	1	44.2	.....	80	13†	17	25	52	0.75	.....	0.71	6.0	2	10	13	7	w.	C. R. Noyes.
Sun River Canyon	Teton	4,650	1	43.7	.....	78	12	14	3	40	0.77	.....	0.50	5.5	5	22	1	7	w.	U. S. Reclamation Service.
Three Forks	Gallatin	4,066	2	45.4	.....	76	14	23	8	47	1.35	.....	0.75	6.0	3	21	4	5	sw.	C. E. Adams.
Utica	Fergus	5,000	18	43.1	+ 2.8	80	14	12	3	44	2.00	+ 0.83	.....	16.5	5	19	11	0	w.	P. W. Korell.
Valentine	....do	.....	6	46.2	.....	85	14	20	3	53	0.41	.....	0.21	0	3	16	8	6	w.	B. M. Bean.
Valier	Teton	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. M. Templeton.
Wall Rock Mountain	Broadwater	5,600	4	.....	.....	.....	.....	.....	.....	.....	1.06	.....	0.46	0	9	14	11	5	nw.	D. L. Doig.
Wheaton	Musselshell	.....	1	47.4	.....	80	27	17	3	43	0.22	.....	0.18	3.0	2	15	10	5	sw.	P. O. Balgord.
Whites Ranch	Custer	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Glen A. White.
White Sulphur Springs	Meagher	5,280	1	42.0	.....	73	14	15	3	39	0.43	.....	0.25	7.0	3	6	16	8	.....	P. R. Wild.
Wilder	Fergus	.....	2	47.6	.....	88	14	19	3	58	0.81	.....	0.46	T.	5	15	10	5	w.	J. Rogers.
Wolf Creek	Lewis and Clark	4,000	9	46.2	+ 1.9	89	13	19	3	53	0.96	− 0.05	0.41	0	7	10	13	7	s.	A. J. Reed.
North Dakota.																				
Aplin	Oliver	.....	6	46.3	+ 4.2	89	15	12	26	58	0.60	− 1.33	0.28	2.0	5	16	5	9	se.	J. C. Hagelbarger.
Arnegard	McKenzie	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. B. Waterman.
Ashley	McIntosh	2,001	16	45.4[b]	+ 3.7	83[b]	15	16[b]	27	46[b]	2.00	− 0.09	0.60	11.0	5	.....	.....	.....	.....	R. C. Miles.
Beach	Golden Valley	2,576	7	46.8	.....	86	15	17	3	48	0.20	.....	0.15	1.0	3	21	4	5	nw.	D. J. Steiner
Belfield	Stark	2,583	2	.....	.....	.....	.....	.....	.....	.....	0.50	.....	0.25	.....	2	.....	.....	.....	se.	E. W. Russell.
Berthold Agency	McLean	2,082	19	47.5	+ 4.0	89[b]	14	13[b]	26	58[b]	0.57	− 0.51	0.27	2.0	5	18	4	8	se.	C. L. Hall.
Bismarck	Burleigh	1,674	39	48.1	+ 5.5	88	15	20	26	49	0.55	− 1.33	0.25	2.4	3	18	5	7	se.	U. S. Weather Bureau.
Buford	Williams	1,944	34	48.6	+ 5.9	88	15	17	27	49	.....	.....	.....	.....	.....	14	7	9	nw.	C. H. McCune.
Carson	Morton	.....	1	48.6	.....	93	29	12	26	62	0.49	.....	0.28	.....	3	18	7	5	n.	D. J. Basquin.
Dickinson	Stark	2,543	21	46.8	+ 4.1	86	15	17	26	51	0.52	− 0.70	0.34	2.7	4	11	13	6	nw.	L. R. Waldron.
Edgeley	La Moure	1,468	12	47.8	+ 5.8	87	15	21	27	48	1.43	− 0.36	0.62	T.	5	17	6	7	nw.	O. A. Thompson.
Energy	McLean	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T. L. Stanley.
Epping	Williams	.....	5	.....	.....	.....	.....	.....	.....	.....	0.20	.....	0.10	1.0	2	17	7	6	w.	M. E. Uggen.
Fullerton	Dickey	1,439	15	46.4	+ 4.1	85	15	22	26	46	1.65	− 0.26	0.55	10.0	6	16	4	10	s.	F. O. Alin.
Garrison	McLean	1,901	18	46.9	+ 4.5	87	15	15	26	45	0.62	− 0.44	0.22	2.0	5	14	3	13	nw.	G. L. Robinson.
Haley	Bowman	.....	5	51.4[f]	.....	93[f]	14	19[f]	24	60[f]	0.30	.....	0.15	1.5	3	17	5	8	nw.	A. O. Lawrence.
Hettinger	Adams	2,253	5	47.6	.....	88	29	20	11	54	0.03	.....	0.02	.....	2	15	8	7	se.	W. R. Lanxon.
Howard (near)	Divide	2,275	4	46.2[b]	.....	86[b]	15	11[b]	26	52[b]	0.02	.....	0.02	T.	1	13	13	4	nw.	C. P. Amsbaugh.
Jamestown	Stutsman	1,390	21	47.3	+ 4.8	86[a]	15	21	26	55[a]	1.40	− 0.39	0.50	.....	4	15	0	15	s.	Thos. Pettigrew.
Lamoine	Kidder	.....	5	45.4	.....	86	15†	14	26	49	1.57	.....	0.80	2.0	6	13	9	8	nw.	E. V. Virgin.
McHenry (near)	Eddy	1,509	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	P. E. Truden.
Marmarth (near)	Bowman	.....	4	47.2	.....	85	14	19	3	47	0.07	.....	0.05	2.5	2	16	5	9	nw.	S. P. Grane.
Marstonmoor	Stutsman	.....	4	45.4	.....	87	15	15	26	54	0.72	.....	0.20	2.0	7	16	6	8	se.	H. H. McCumber.

TABLE 1.—*Climatological data for April, 1913. District No. 6*—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.		
North Dakota—Contd.																				
Medora	Billings	2,225	19																	Frank Gotschall.
Melville	Foster	1,590	15	47.8[d]	+ 7.9	88[d]	15	20[d]	26	47[d]	0.40	− 0.62	0.40	4.0	1				nw.	J. P. Kidder.
Mott	Hettinger		6	47.6		85	26	16	26	46	0.48		0.26	2.0	3	17	5	8	se.	O. H. Opland.
Napoleon	Logan	1,955	21	45.5	+ 4.1	89	15	11	3	51	0.81	− 0.93	0.25	4.5	6	16	4	10	s.	C. J. Hoof.
New England	Hettinger	2,400	19	47.6	+ 5.1	86	15	17	24	49	0.22	− 0.76	0.20	2.0	2	15	3	12	sw.	J. M. Connolly.
New Rockford	Eddy	1,531	2	47.9		93	29	24	27	48	1.05		0.48	3.0	4	19	4	7	se.	J. V. M. Sundberg.
New Salem	Morton	2,163	8																	J. Christiansen.
Orange	Adams		4	47.0		87	29	20	25	46	0.56		0.28	3.0	2	19	6	5	se.	J. E. Goforth.
Ranger	Billings										0.10		0.10	1.0	1	27	0	3	nw.	R. E. Sheriff.
Steele	Kidder	1,857	16																	H. S. Wood.
Turtle Lake	McLean		1	47.6		88	15	16	26	51	0.53		0.14	2.0	6	13	9	8	se.	E. G. Ranum.
Washburn	do	1,734	15	47.5	+ 3.0	86	15	20	26	49	0.17	− 0.94	0.17	1.6	1	13	11	6	s.	W. R. Peterson.
Williston	Williams	1,875	34	47.0	+ 6.5	87	14	15	26	46	0.27	− 0.96	0.14	0.4	4	9	14	7	se.	U. S. Weather Bureau.
South Dakota.																				
Aberdeen	Brown	1,300	28	49.8	+ 5.2	92	16	21	26	55	2.35	− 1.01	0.90		6	18	2	10	se.	D. G. Gallett.
Academy	Charles Mix		14	51.4	+ 3.5	84	21†	26	4†	44	2.64	+ 0.24	0.63	9.0	12	15	7	8	sw.	I. T. Lothrop.
Alexandria	Hanson	1,352	25	49.8	+ 2.3	90	30	24	4†	48	2.07	− 0.81	0.83	5.0	5	18	10	2	nw.	C. H. Stillwell.
Armour	Douglas	1,521	18	47.6[d]	+ 0.3	92[d]	30	21[e]	26	51	2.90	+ 0.23	1.00	20.0	6					T. J. Markey.
Bellefourche	Butte	3,000	5	49.5		84	14†	19	3	51	0.43		0.30		3	10	13	7	nw.	U. S. Reclamation Service.
Blunt	Hughes	1,621									2.31		0.95	9.0	6	12	12	6	nw.	James A. Howard.
Britton	Marshall	1,354		49.4		88	15	21[a]	4	44[a]	0.77		0.50	8.0	3	19	2	9	s.	W. S. Given.
Brookings	Brookings	1,636	24	46.6	+ 1.7	87	30	16	6	45	2.24	+ 0.16	0.89		10	17	3	10	se.	Experiment Station.
Bryant	Hamlin	1,846	1								1.81		0.87	2.0	5	13	9	8	n.	J. W. Ault.
Camp Crook	Harding	3,000	20	47.9	+ 4.2	86	15	21	3	49	0.13	− 0.94	0.07	0.7	2	15	7	8	w.	U. S. Forest Service.
Canton	Lincoln	1,248	18	46.2	− 1.5	84	30	18	12	38	6.04	+ 3.82	1.77	25.0	9	16	5	9	se.	John H. Holsey.
Cascade Springs	Fall River	3,422	5	49.6		88	28	20	4	52	0.49		0.32	3.0	3	16	8	6		Fred Noerenberg.
Castlewood	Hamlin	1,685	8	48.3		87	30	23	1	43	2.11		1.02	1.0	10	15	2	13	n.	M. N. Bradley.
Centerville	Turner	1,229	16	48.8		89	30	21	1	44	3.96	+ 2.07	1.60	6.5	10	10	7	13	se.	Frank Williams.
Clark	Clark	1,779	21	46.4	+ 1.5	86	30	22	27	43	1.77	− 0.21	0.67		6	17	4	9	sw.	O. H. La Craft.
Cottonwood	Stanley	2,414	5	50.4		90	29	16	4	48	1.15		0.35	5.5	6	11	11	8	nw.	Experiment Station.
Custer	Custer	5,316	1								0.10		0.10	1.0	1	17	2	11	se.	R. P. Imes.
Daviston	Perkins		3	46.8		86	15	25	1†	50	0.35		0.30	3.0	2	11	14	5	se.	Dyson Byers.
Deadwood	Lawrence	4,535	4	45.2		79	29	12	4	43	1.60		1.10	5.8	4	17	7	6		R. E. Grimshaw.
Deerfield	Pennington	6,000	4								0.28		0.09	2.8	7	15	8	7	sw.	Frank E. Miller.
De Smet	Kingsbury	1,726	20	47.6	+ 2.8	88	30	22	26	45	2.34	+ 0.04	0.85		8	10	13	7	n.	W. E. White.
Dowling	Stanley	2,250	4	50.7		91	29	22	4	48	1.40		0.60	7.0	5	14	9	7	nw.	M. P. Dowling.
Dumont	Lawrence	6,195	4								1.68		0.54	6.7	7	14	8	8	nw.	A. B. Wood.
Eagle Butte	Dewey	2,415	1	49.4		82	15	23	4	40	1.48		0.55	8.0	5	17	12	1		Dr. John F. Chandler.
Eales	Potter		2								1.28		0.52	5.5	5	19	6	5	se.	A. H. Peterson.
Elk Mountain	Custer	4,700	4								0.26		0.10	1.9	4	16	6	8	w.	James E. Blaine.
Ellingson	Perkins		1	48.4		87[b]	15†	21[b]	24	48[b]	0.27		0.11	T.	3	15	10	5	se.	Carl G. Moen.
Englewood	Lawrence	5,723	4																	W. P. Wagner.
Eureka	McPherson	1,884	4	48.		87	15	13	26	48	0.68		0.31	3.0	8	17	9	4	se.	Experiment Station.
Fairfax	Gregory		9	51.2	+ 3.3	88	30	24	4	50	2.47		0.60	7.5	7	21	3	6	n.	U. G. Stevenson.
Faith	Meade	2,560		48.8		90	29	25	4†	49	0.95		0.60	3.0	4	6	10	14	nw.	Robert R. Saul.
Faulkton	Faulk	1,595	18	50.4	+ 5.2	85	15	20	4†	44	1.84	− 0.71	0.54	7.0	6	17	6	7	s.	Miss Belle Talcott
Flandreau	Moody	1,565	23	47.6	+ 1.7	87	30	20	4	44	1.96	− 0.56	0.70	8.0	8	13	3	14	s.	D. R. McLean.
Forestburg	Sanborn	1,231	21	49.2	+ 2.7	89	15†	22	1	54	2.13	− 0.32	0.46	3.9	9	15	5	10	se.	S. S. Judy.
Fort Meade	Meade	3,624	30	48.3	+ 3.0	86	30	20	4†	46	0.40	− 1.92	0.30	4.0	2	13	4	13	w.	Post Hospital.
Frederick	Brown	1,371	4	47.3[d]		84[d]	28	8[d]	7	54[d]	1.26		0.40	8.0	5	20	2	8	nw.	J. E. Jeffers.
Greenmont	Lawrence	6,430	4								1.19		0.50	11.5	6	17	11	2	w.	H. C. Hoffbuhr.
Greenwood	Charles Mix		19	52.5	+ 2.6	89	30	28	4†	45	2.58	− 0.09	0.89	5.0	8	13	7	10	nw.	T. C. Williamson.
Goldfield	Meade	3,000									0.38		0.15		4	12	7	11	nw.	A. M. Alexander.
Hardingrove	Stanley		1	49.9		91	29	25	4	47	2.59		2.04	4.0	5	9	13	8	s.	Mrs. Laura Sinclai
Hardy Ranger Station	Lawrence	6,600	3								0.81		0.30	8.3	4	16	9	5	s.	Mrs. Mary M. Schmidt.
Harveys Ranch	do	6,282	3								0.89		0.35	4.7	5	18	1	11	w.	Jerome Harvey.
Hermosa	Custer	3,278	7	49.6		89	29	21	3†	48	0.47		0.22	2.0	4	17	8	5	se.	S. M. Booth.
Highmore	Hyde	1,890	20	49.0	+ 2.4	85	15	20	4	42	1.27	− 0.45	0.41	6.5	6	15	7	8	se.	Experiment Station.
Hopewell	Stanley		3	49.8		89	29	24	4	47	2.20		1.00	8.0	3	12	11	7	se.	E. R. Myers.
Howard	Miner	1,564	21	46.2	+ 0.6	86	30	19	4	48	2.61	+ 0.54	1.50	3.2	8	13	9	8	se.	J. J. Cox.
Howell	Hand		11	49.0	+ 4.5	87	15†	18	4†	53	1.37	− 0.03	0.58	8.0	7	16	6	8	se.	M. A. Shuster, jr.
Huron	Beadle	1,306	31	48.6	+ 0.4	85	30	23	4	45	1.81	− 0.84	0.63	4.0	8	15	7	8	n.	U. S. Weather Bureau.
Ipswich	Edmunds	1,530	16	48.0	+ 3.7	87	15	14	12	53	1.75	+ 0.27	0.73	8.0	5	16	9	5	s.	H. J. Dailey.
Kadoka	Stanley	2,467	4	49.0		89[a]	29	22[a]	11	45[a]	1.28		0.47	4.7	3	10	9	11	nw.	Rev. D. S. Brown.
Kennebec	Lyman	1,689	20	49.2	+ 1.7	86	15†	21	4	50	2.37	+ 0.36	1.00	12.5	6	19	3	8	se.	R. C. Van Horn.
Kimball	Brule	1,788	27	50.3	+ 3.1	84	15†	28	26	44	2.04	− 0.22	0.65		5	15	4	11	se.	G. D. Rose.
La Delle	Spink	1,400	16	48.8	+ 3.4	87	22†	22	26	43	2.34	+ 0.02	1.05	4.0	6	16	3	11	se.	E. L. Ebbert.
Lead	Lawrence	5,200	4	45.1		76	29	16	4	40	0.90		0.30	8.2	7	13	11	6		E. F. Irwin.
Lemmon	Perkins	2,345	4																	Arthur T. Briggs.
Marion	Turner	1,447	12	49.8	+ 2.2	90	30	25	26	47	5.41	+ 3.50	1.27	12.5	10	14	9	7	se.	M. H. Dains.
Marston	Sully		5					19	11		2.61		1.19	6.0	7	11	13	6	se.	J. W. Kozel.
Meadow	Perkins			46.8		85	29	20	3	44	0.49		0.30	2.0	3	17	4	9	nw.	Hillard Wybenga.
Mellette	Spink	1,300	18	49.6	+ 4.4	87	15	18	4†	51	0.86	− 1.22	0.34	5.8	5	17	3	10	se.	Frank A. Howe.
Menno	Hutchinson	1,325	16	49.8[c]	+ 2.1	90[c]	30	28[c]	10†	50[c]	3.32	+ 1.51	0.67	8.0	10	15	6	9	se.	J. S. Headley.
Milbank	Grant	1,148	22	46.8	+ 2.7	90	30	21	27	48	2.52	+ 0.30	0.71	9.0	10	13	7	10	se.	Miss Mary Partridge.
Mitchell	Davison	1,312	19	49.2	+ 2.5	90	30	26	4†	45	3.30	+ 0.56	0.70	15.0	9	16	8	6	n.	C. W. Downey.
Mobridge	Walworth		2	50.2		95	16	28	1†	48	1.11		0.47	0.5	6	17	9	4	se.	Thomas J. Morris.
Murdo	Lyman	2,300	5	50.2		86	29	24	4	43	2.25		2.00	10.0	2	18	8	4	nw.	L. C. Bode.
Oelrichs	Fall River	3,339	21	50.0	+ 3.9	85	28†	20	3†	51	0.40	− 1.62	0.40	4.0	1	12	13	5	ne.	J. E. Strouse.
Onaka	Faulk	1,600	1								2.39		0.94		8	16	9	5	se.	H. P. Camp.
Onida	Sully	1,921									2.38		1.25	10.0	5	15	10	5	nw.	E. E. Heywood.
Orman	Butte	2,920	7	49.4		85[a]	14	22[a]	3†	51[a]	0.43		0.30		3	15	8	7	nw.	U. S. Reclamation Service.
Ottumwa	Stanley		5	48.6		89[a]	29	20[a]	4†	51[a]	1.25		0.60	4.0	3	12	10	8	nw.	J. W. Bretz.
Parkston	Hutchinson	1,400	1								3.25		0.93	9.5	6	14	6	10		W. C. Rempfer.
Pierre	Hughes	1,572	21	50.8	+ 4.3	86	29	25	4	41	1.17	− 0.81	0.50	5.4	7	17	5	8	se.	U. S. Weather Bureau.
Pine Ridge	Shannon		7	50.5		87	29	11	11	50	1.51			6.1	8	14	6	10	s.	W. A. Spencer.
Plankinton	Aurora	1,528	19								2.35	− 0.01	0.65	7.0	6	12	10	8	se.	W. G. Andrews.
Pollock	Campbell		7	48.4		89	15	18	26	57	1.07		0.50		6	13	9	8	se.	J. H. Jones.
Rapid City	Pennington	3,251	25	48.6	+ 5.1	85	29	24	4	45	0.39	− 1.91	0.24	3.1	8	11	11	8	n.	U. S. Weather Bureau.
Redfield	Spink	1,295	15	48.4	+ 3.9	86	15	20	4	50	1.23	− 0.56	0.40		5	22	0	8	se.	A. S. Hall.
Rochford	Pennington	5,228	3								0.42		0.16	3.0	6	13	7	10	nw.	Mrs. M. E. Deffenbaugh.
Rosebud	Todd	2,600	19	48.7	+ 1.8	85[a]	29	17[a]	4	43[a]						9	13	8	nw.	W. M. Ege.
Roslyn	Day		7	46.3		85	30	19	26	44	1.35		0.40	6.0	6	15	6	9	nw.	O. O. Floren.
Selby	Walworth		5	49.5	+ 3.7	84	29	19	26	38	1.44		0.75	6.0	4	20	5	5	sw.	Miss Gertrude Hall.

TABLE 1.—*Climatological data for April, 1913. District No. 6*—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.		
***South Dakota*—Contd.**																				
Sioux Falls	Minnehaha	1,400	22	47.4	+ 0.6	87	30	25	5†	48	4.72	+ 2.24	1.05	.....	12	17	3	10	s.	J. H. Bechtold.
Sisseton	Roberts	1,202	7	47.4	.....	80	14†	26	26	40	1.61	.....	0.50	10.0	6	16	1	13	nw.	George Gray.
Sorum	Perkins	.....	2	46.4	.....	87	29	21	3	47	0.04	.....	0.04	0	1	16	7	7	nw.	M. S. Eberhart.
Spearfish	Lawrence	3,647	24	49.2	+ 3.6	81	29	19	4	41	0.27	− 2.22	0.14	8.0	2	15	8	7	sw.	A. E. Johnson.
Stephan	Hyde	1,840	9	47.4	.....	85	15	19	4	49	1.45	.....	0.55	4.5	5	14	7	9	se.	Rev. A. Mattingly.
Tama	Meade	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Monte Franks.
Timber Lake	Dewey	2,163	1	49.6	.....	90	14†	15	4	49	1.45	.....	0.85	T.	5	12	13	5	se.	W. E. Prann.
Tyndall	Bonhomme	1,418	16	50.1	+ 2.1	88[a]	30	25[a]	12	44[a]	3.47	+ 0.62	0.80	11.0	10	15	9	6	nw.	F. F. Chladek.
Vale	Butte	2,765	5	50.8	.....	88	29	22	4†	52	0.25	.....	0.13	T.	5	12	7	11	nw.	U. S. Reclamation Service.
Vermilion	Clay	1,222	12	49.4	+ 1.2	86	30	25	12	40	7.70	+ 5.54	2.00	18.0	9	24	3	3	s.	Prof. E. C. Perisho.
Waters Ranch	Lawrence	4,000	3	.....	.....	.....	.....	.....	.....	.....	1.05	.....	0.53	9.7	5	16	3	11	nw.	George Waters.
Watertown	Codington	1,735	19	45.2	+ 1.4	87	30	23	2	48	3.04	+ 0.60	0.80	6.0	8	16	5	9	s.	Robert Q. Wood.
Wentworth	Lake	.....	20	46.9	+ 2.1	87	22†	25[d]	11†	42[d]	2.09	− 0.26	0.84	5.9	7	16	5	9	se.	R. C. Zimmerman.
Wessington Springs	Jerauld	1,410	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. N. J. Dunham.
White Lake	Aurora	1,646	4	.....	.....	.....	.....	.....	.....	.....	2.87	.....	1.23	T.	4	8	4	18	s.	Mrs. G. A. Rogers.
Winner	Tripp	2,000	1	49.8	.....	84	15†	25	3	45	2.90	.....	0.85	.....	7	16	5	9	nw.	J. W. Barnum.
Wood	Mellett	.....	.....	52.0	.....	83	15†	21	5	49	2.95	.....	1.35	7.5	7	15	5	10	s.	Fred E. Kirch.
Yankton	Yankton	1,234	39	49.7	+ 2.3	86	30	26	12	38	4.39	+ 1.59	0.99	15.5	11	12	8	10	e.	U. S. Weather Bureau.
Minnesota.																				
Pipestone	Pipestone	1,710	12	45.5	+ 0.8	87	30	24	11†	48	2.14	+ 0.49	1.04	6.2	6	11	2	7	se.	A. L. Doan.
Colorado.																				
Arriba	Lincoln	5,243	7	47.2	.....	79	29	10	5	48	2.33	.....	1.82	9.5	4	19	8	3	s.	C. A. Creel.
Auldhurst	Teller	8,500	3	.....	.....	.....	.....	.....	.....	.....	1.44	.....	0.82	17.6	11	14	6	10	n.	Harry Dunmire.
Bennett (near)	Arapahoe	5,484	5	.....	.....	.....	.....	.....	.....	.....	1.23	.....	0.48	11.5	6	21	2	7	nw.	J. F. Egelhoff.
Boulder	Boulder	5,347	17	49.1	+ 0.3	78	28	17	9	39	1.58	− 1.36	0.48	15.4	6	5	21	4	se.	Prof. J. A. Hunter.
Burlington	Kit Carson	4,160	10	50.2	.....	88[a]	20	17[a]	4	47[a]	1.24	− 1.50	0.62	11.0	6	11[a]	14[a]	4[a]	nw.	W. P. Davis.
Cassells	Park	8,445	3	.....	.....	.....	.....	.....	.....	.....	1.97	.....	0.72	17.5	9	17	5	8	e.	Harriet M. Cassell.
Castle Rock	Douglas	6,220	21	45.6	+ 1.3	82	30	8	11	50	1.43	− 0.57	0.92	8.0	6	17	2	11	se.	Thos. P. Vaughan.
Cheesman	Jefferson	6,890	10	42.9	− 0.7	71	28	11	10†	47	1.82	+ 0.10	0.82	13.7	7	13	10	7	s.	J. G. Thornburg.
Cheyenne Wells	Cheyenne	4,279	21	50.9	− 0.1	85	29	17	4†	45	1.93	+ 0.12	1.00	8.0	6	14	8	8	sw.	J. W. Adams.
Cope	Washington	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Dorah M. Christopher.
Corona	Grand	11,660	6	23.6	.....	45	14	− 1	24	32	5.21	.....	0.85	.....	13	.....	.....	.....	w.	U. S. Weather Bureau.
Denver	Denver	5,272	41	49.0	+ 1.3	80	28	22	10	40	1.66	− 0.51	0.79	15.1	12	9	13	8	sw.	Do.
Edgewater	Jefferson	5,450	5	47.6	.....	80	29†	15	10	46	1.98	.....	0.92	10.0	8	17	9	4	.....	N. P. Levin, M. D.
Estes Park Fish Hatch.	Larimer	8,000	4	.....	.....	.....	.....	.....	.....	.....	2.52	.....	0.80	22.0	7	5	13	12	w.	G. H. Thomson.
Fort Collins	.....do	4,985	34	46.1	+ 0.4	79	29	18	4†	47	1.49	− 0.57	0.50	2.8	8	9	14	7	nw.	Colorado Agr. College.
Fort Lupton	Weld	4,907	3	.....	.....	.....	.....	.....	.....	.....	1.09	.....	0.60	6.5	6	11	9	10	w.	R. W. Benedict.
Fort Morgan	Morgan	4,319	15	48.7	− 0.5	83	29	13	11	47	2.39	+ 0.75	.....	9.0	6	18	8	4	n.	Great Western Sugar Co.
Frances	Boulder	9,300	8	38.9	.....	68	14	10	24	44	1.76	.....	0.62	27.3	8	6	19	5	w.	C. W. Barry.
Frys Ranch	Larimer	7,500	3	39.6	.....	70	30	13	10	42	1.45	.....	0.42	8.0	8	16	8	6	w.	Norman W. Fry.
Georgetown	Clear Creek	8,550	11	.....	.....	.....	.....	.....	.....	.....	2.29	+ 0.84	0.80	20.5	6	12	11	7	.....	H. L. Corbett.
Greeley	Weld	4,649	22	48.6	+ 0.5	83	29	20	4	47	1.34	− 0.35	0.65	7.5	5	18	4	8	se.	Burton Reynolds.
Grover (near)	.....do	5,076	9	45.5	.....	81	29	16	4	49	0.75	.....	0.30	5.0	4	8	12	10	nw.	D. M. Porter.
Hartsel	Park	8,892	4	.....	.....	.....	.....	.....	.....	.....	0.41	.....	0.23	10.0	6	10	10	10	nw.	Emily Kleinknecht.
Hawthorne	Boulder	6,000	4	.....	.....	.....	.....	.....	.....	.....	2.24	.....	0.90	16.5	7	15	7	8	.....	B. E. Chesebro.
Holyoke (near)	Phillips	3,745	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. C. Cauble.
Idaho Springs	Clear Creek	7,543	13	41.9	+ 1.2	68	30	11[a]	24	39	2.05	+ 0.25	0.54	20.5	9	4	21	5	w.	J. J. Willis.
Julesburg	Sedgwick	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.31	.....	0.43	12.5	7	16	6	8	nw.	Great Western Co.
Kersey	Weld	4,571	.....	.....	.....	.....	.....	.....	.....	.....	1.45	.....	0.68	6.5	4	17	3	10	s.	Do.
Laporte	Larimer	5,053	22	.....	.....	.....	.....	.....	.....	.....	1.39	− 0.65	0.60	5.0	7	.....	.....	.....	.....	P. A. Taft.
Le Roy (near)	Logan	4,380	24	.....	.....	.....	.....	.....	.....	.....	2.01	− 0.40	0.76	6.9	7	11	12	7	n.	Chas. Breen.
Longmont	Boulder	4,950	12	47.3	− 1.2	82	28	20	3†	45	1.50	− 0.20	0.48	5.5	8	16	9	5	ne.	Great Western Sugar Co.
Longs Peak (near)	Larimer	8,600	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Enos A. Mills.
Merino	Logan	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.60	.....	1.00	6.0	3	18	10	2	.....	Great Western Sugar Co.
Moraine	Larimer	7,775	23	38.6	+ 0.6	64	27	1	4†	47	1.55	− 0.54	0.90	16.0	4	18	0	12	w.	Chas. A. Chapman.
Platte Canon	Jefferson	5,492	14	.....	.....	.....	.....	.....	.....	.....	1.83	− 0.75	0.97	16.0	6	19	9	2	sw.	Denver Union Water Co.
St. Cloud	Larimer	7,750	10	.....	.....	.....	.....	.....	.....	.....	1.06	− 1.52	0.30	8.5	7	12	9	9	w.	Miss Guilla Sivers.
Sedgwick	Sedgwick	3,539	5	48.1	.....	85	29	14	4†	53	1.86	.....	0.78	12.0	5	15	11	4	ne.	Edwin Lewis, M. D.
Silver Lake	Boulder	10,500	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. R. Dungan.
Spicer (near)	Jackson	8,700	3	35.6	.....	63	27	1	10	40	T.	.....	T.	T.	0	19	4	7	sw.	Frank W. Murphy.
Sterling	Logan	3,892	4	49.4	.....	83	29	14	11	51	1.72	.....	1.20	9.0	6	15	9	6	nw.	Great Western Sugar Co.
Waterdale	Larimer	5,206	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	P. H. Boothroyd.
Wray	Yuma	3,512	17	51.4	+ 1.4	88	29	18	4	54	1.88	− 0.48	0.60	8.0	5	16	9	5	se.	J. C. Tuomey.
Yuma	.....do	4,138	22	.....	.....	.....	.....	.....	.....	.....	0.39	− 1.77	0.26	4.0	3	14	8	8	sw.	Matthew Harr.
Nebraska.																				
Ainsworth	Brown	2,521	8	49.6	.....	82	22	25	4†	44	3.40	.....	.....	14.5	10	6	16	8	nw.	John M. Cotton.
Albion	Boone	1,747	17	48.6[d]	− 0.8	86	30	20	12	44[b]	3.66	+ 0.75	1.63	6.0	9	.....	.....	.....	s.	F. M. Weitzel.
Alliance	Boxbutte	3,968	20	45.0	− 0.8	80	29	11	11	46	0.95	− 0.93	0.50	7.0	5	20	6	4	sw.	J. A. Keegan.
Alma	Harlan	1,939	18	52.8	+ 1.2	87	29†	21	4	53	2.50	+ 0.02	0.85	6.0	6	21	2	7	s.	W. A. Sharpnack.
Arcadia	Valley	2,186	13	.....	.....	.....	.....	.....	.....	.....	2.86	+ 0.99	0.90	10.0	6	8	13	9	sw.	J. L. Owen.
Arden	Wheeler	.....	2	.....	.....	.....	.....	.....	.....	.....	4.64	.....	0.52	13.0	13	17	7	6	se.	A. E. Johns.
Ashland	Saunders	1,100	29	53.4	+ 1.2	87	30	29	12†	40	2.62	− 1.51	1.82	.....	8	19	5	6	n.	Dr. A. S. Mansfelde.
Ashton	Sherman	2,061	20	.....	.....	.....	.....	.....	.....	.....	2.86	+ 0 22	1.16	.....	9	19	2	9	s.	F. Rein.
Atkinson	Holt	2,108	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. J. Wilson.
Auburn	Nemaha	1,051	22	52.7	+ 0.6	88	30	28	13	46	3.10	+ 0.20	1.05	T.	10	18	6	6	n.	J. R. Huffman.
Aurora	Hamilton	1,792	20	.....	.....	.....	.....	.....	.....	.....	4.31	+ 1.64	1.25	.....	6	15	1	14	nw.	A. D. Travis.
Beatrice	Gage	1,235	22	53.0	+ 0.7	85	30	31	10†	36	2.40	+ 0.11	1.10	0	8	17	4	9	s.	H. E. Palmer.
Beaver City	Furnas	2,147	22	55.3	+ 3.1	87	29†	26	4†	46	3.04	+ 0.77	2.02	2.0	5	19	5	6	se.	T. M. Davis.
Bellevue	Sarpy	1,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. A. Tyler.
Benkelman	Dundy	2,968	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. D. Druliner.
Bertrand	Phelps	2,515	5	.....	.....	.....	.....	.....	.....	.....	2.84	.....	1.21	4.0	6	16	8	6	n.	W. F. Dobbin.
Blair	Washington	1,122	18	52.3	+ 2.3	87	30	27	12†	42	3.06	+ 0.27	1.00	2.0	11	18	4	8	sw.	D. C. Van Deusen.
Blake	Garfield	.....	1	.....	.....	.....	.....	.....	.....	.....	3.56	.....	1.63	9.0	5	12	14	4	nw.	H. C. Mead.
Bloomfield	Knox	.....	7	50.0	.....	87	30	19	12	46	4.60	.....	2.00	14.0	7	10	14	6	nw.	Dr. L. C. Bleick.
Bradshaw	York	1,715	15	.....	.....	.....	.....	.....	.....	.....	3.91	+ 1.08	1.63	2.7	6	15	9	6	.....	E. C. Roggy.
Brewster	Blaine	.....	1	.....	.....	.....	.....	.....	.....	.....	2.52	.....	0.62	8.0	12	14	7	9	se.	W. S. Turnbull.
Bridgeport	Morrill	3,658	16	48.2	+ 0.9	83	29	18	11	50	1.48	− 0.49	0.60	7.0	6	13	14	3	nw.	R. H. Willis.
Broken Bow	Custer	2,477	17	49.4	+ 1.5	86	29	20	11	51	3.25	+ 0.29	0.91	12.0	8	20	1	9	nw.	R. V. McCall.
Bruning	Thayer	1,583	2	.....	.....	.....	.....	.....	.....	.....	1.79	.....	0.40	.....	8	21	3	6	nw.	Henry Middendorf.
Burge	Cherry	2,674	6	49.5[d]	.....	87	.....	15	4	56[b]	2.65	.....	.....	.....	6	.....	.....	.....	s.	H. A. Davis.

TABLE 1.—*Climatological data for April, 1913. District No. 6*—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.
Nebraska—Continued.																				
Burwell	Garfield	2,180	20								3.06	+ 0.53	1.38		9					W. L. McMullen.
Butte	Boyd		7	50.6		89	30	21	4	44	3.94		1.66	13.5	9	15	8	7	se.	W. Whitla.
Cairo	Hall	1,951	4								3.70		1.61		6					Elliott Harrison.
Callaway	Custer	2,555	19	52.2	+ 3.5	85	16†	21	10	50	2.87	+ 0.21	1.00	13.0	5	15	6	9	s.	J. H. Evans.
Cambridge	Furnas	2,258	6	53.2		89	29†	23	4	55	3.06		1.27	6.0	5	17	5	8	n.	Chas. Jensen.
Columbus	Platte	1,442	20	49.9	+ 0.2	85	30	28	11†	47	2.07	− 0.43	0.70		10	9	14	7	se.	A. L. Rush.
Crete	Saline	1,368	30	53.9	+ 2.0	85	30	30	12†	39	1.91	− 0.68	0.81	T.	7	21	2	7	s.	Doane College.
Culbertson	Hitchcock	2,565	25	52.0[e]		90	30	23	3	48[d]	2.91	+ 0.76	1.00		5	19	5	6	sw.	Homer L. Nye.
Curly	Sioux		4	43.9		81	28†	7	11	48	0.74		0.40	4.0	4	13	8	9	sw.	A. E. Hann.
Curtis	Frontier	2,553	16	52.4	+ 1.0	87	30	21	12	50	4.79	+ 2.16	1.11	26.0	8	15	8	7	s.	Dr. S. R. Razee.
Davis City	Butler	1,619	23	52.0	+ 2.2	85	30	29	12	42	2.90	− 0.31	0.86	6.0	8	15	7	8	ne.	S. Clingman.
Du Bois	Pawnee	1,074	8								2.61		0.60	T.	9	18	3	9	s.	O. M. Backus.
Dumas	Garfield		5	49.6		86	16	22	12	43	2.79		1.64		9	20	9	1	s.	Emile Raes.
Elm Creek	Buffalo	2,268	5								3.97		2.65		4					E. L. Sutton.
Elsie	Perkins	3,382	4								1.29		0.40		6					J. F. Brittain.
Ericson (near)	Garfield	2,029																		J. A. Bodyfield.
Ewing	Holt	1,888	22	50.6		92	22	24	12	50	2.85	+ 0.16	1.12	10.0	10					G. H. Benson.
Exeter	Fillmore	1,607	1								2.05		1.16	T.	4					Frank Ainsworth.
Fairbury	Jefferson	1,316	38	54.9	+ 2.7	86	30	26	12	41	2.91	+ 0.20	0.95	0.2	9	15	8	7	nw.	W. F. Cramb.
Fairmont	Fillmore	1,641	20	51.4	+ 1.6	85	30	28	10†	44	1.91	− 0.96	0.70	2.0	6	15	8	7	s.	C. B. & Q. R. R. Co.
Falls City	Richardson	898	18	56.2	+ 2.9	89	30	32	12†	38	2.74	+ 0.05	0.53	0	7	18	6	6	se.	Dr. J. C. Yutzy.
Ft. Robinson	Dawes	3,764	29	47.3	+ 1.0	84	28†	12	11	43	0.47	− 1.17	0.30		2	15	6	9	n.	Post Surgeon.
Franklin	Franklin	1,820	24	54.6	+ 2.7	89	16	23	12	55	2.62	+ 0.40	0.88		5	15	5	10	se.	A. R. Peck.
Fremont	Dodge	1,203	33	52.0	+ 1.8	87	30	28	13	40	2.52	− 0.10	0.90	6.0	7	17	5	8	se.	Ernest Hahn.
Fullerton	Nance	1,629	12	51.6		86	30	21	12	45[a]	4.21	+ 1.66	1.30	10.0	8	20	6	4	nw.	Dr. F. W. Johnson.
Geneva	Fillmore	1,633	22	53.1	+ 0.9	85	17†	28	12	47	2.50	− 0.23	0.81	1.5	7	14	9	7	se.	F. M. Flory.
Genoa	Nance	1,584	38	52.0	+ 2.2	86	30	29	10†	46	2.80	− 0.03	1.15	3.0	8	16	7	7	se.	F. W. Parsons.
Gordon	Sheridan	3,550	12	48.4[b]		88	30	11	11	55[b]	2.26	+ 0.42	1.20	14.0	4					G. F. Williams.
Gosper	Gosper		11								2.43	+ 0.57	1.37		7	23	2	5	s.	E. H. Stoll.
Gothenburg	Dawson	2,557	19	53.4	+ 2.5	89	29	22	11	49	2.92	+ 0.56	0.95		7	14	3	13	s.	Dr. W. J. Bartholomew.
Grand Island	Hall	1,860	22	53.0	+ 2.3	82	16	28	4†	41	4.41	+ 1.54	1.30	12.0	6	15	5	10	s.	E. A. Barnes.
Grant	Perkins	3,405	10	50.4		90	30	17	11	55[a]	1.62	+ 0.03	0.31	11.5	6	17	2	11		Anson K. Holmes.
Greeley	Greeley	2,021	18	49.6		84	30	26	11	44	4.02	+ 1.39	1.92	10.0	10	14	9	7	se.	W. E. Morgan.
Guide Rock	Webster	1,646	13								2.90	+ 0.96	1.08	2.0	5	18	3	9	n.	J. S. Marsh.
Haigler	Dundy	3,258	17								0.97	− 0.82	0.66		3					J. L. Pember.
Halsey	Thomas	2,695	11	51.2	+ 2.4	89	30	17	4	48	2.81	+ 0.24	0.57	14.0	12	17	4	9	se.	Bureau of Forestry.
Hartington	Cedar	1,309	21	49.2	+ 2.0	88	30	22	12	47	5.74	+ 2.86	1.30	21.8	12	11	6	13	se.	D. E. Ewing.
Harvard	Clay	1,812	24	52.8	+ 2.9	82	16†	29	10†	43	3.34	+ 0.41	1.30		7	11	10	9	sw.	Bert Gregg.
Hastings	Adams	1,932	22	52.2	+ 2.1	85	30	27	10†	45	3.36	+ 0.49	1.08	3.0	8	19	4	7	nw.	C. B. & Q. R. R. Co.
Hayes Center	Hayes																			Jos. M. Crosby.
Hay Springs	Sheridan	3,821	27	46.8	+ 1.9	83	29	15	11	47	1.78	− 0.36	0.60	12.0	5	10	13	7	n.	A. Kadlecek.
Hebron	Thayer	1,458	27	55.3	+ 2.4	86	30	28	13	42	2.20	− 0.20	0.63	T.	6					Dr. C. M. Easton.
Hemingford	Boxbutte	4,256	4								0.65		0.24		7					A. S. Enyeart.
Hendley	Furnas	2,231	9								3.48		1.65		3					T. L. Jones.
Hershey	Lincoln	2,902	2								1.99		0.50	14.0	7	21	1	8		G. F. Palmer.
Hillside	McPherson	3,484	4	48.4		86	29	9	4	57	2.14		0.53	14.3	11	16	3	11	n.	Mrs. M. R. Lloyd.
Holdrege	Phelps	2,324	23	51.3	+ 0.4	83	6	26	4	47	4.12	+ 1.27	1.62	4.0	6	13	7	10		C. B. & Q. R. R. Co.
Hooper	Dodge	1,228																		Dr. W. H. Heine.
Hull (near)	Banner																			Mrs. W. P. Miller.
Imperial	Chase	3,278	22	50.0	+ 0.9	87	30	20	4†	54	1.93	− 0.34	0.55	10.5	6	8	10	12	se.	Robt. Malcolm.
Kearney	Buffalo	2,146	24	54.4	+ 2.6	89	21	27	12	47	3.58	+ 1.02	1.73	3.0	7	17	8	5	s.	City Engineer.
Kimball	Kimball	4,697	25	46.2	+ 0.3	83	28	8	11	48	0.55	− 1.32	0.30	5.5	3	16	7	7	s.	F. J. Bellows.
Kirkwood	Rock		18	50.4	+ 3.0	87	30	20	4	60[a]	2.05	− 0.10	0.85	4.0	8	14	7	9	s.	Mrs. C. Arter.
Kowanda	Garden		5								1.52		0.44	5.0	9					Geo. W. Hulse.
Lexington	Dawson	2,385	25	52.6	+ 2.8	86	29†	24	4	48	1.14	− 1.00	0.48		7	18	0	12	se.	Robt. Chadwick.
Lincoln	Lancaster	1,189	38	53.7	+ 3.0	87	30	30	13	37	2.46	− 0.31	1.34	0.4	9	14	7	9	se.	U. S. Weather Bureau.
Lodgepole	Cheyenne	3,820	16	49.4	+ 2.3	85	29†	13	11	53	2.88	+ 1.05	0.97	11.0	6	14	9	7	n.	R. T. Kidney.
Loup City	Sherman	2,067	18	51.2	+ 2.0	85	30	22	12	45[a]	3.27	+ 0.50	1.19		6	23	3	4	se.	Harriet Hayhurst.
McCook	Redwillow	2,506																		C. G. Coglizer.
McCool Junction	York	1,575	17								2.13	− 0.70	0.86		7					L. L. Slagel.
Madison	Madison	1,585	19	49.6	+ 1.2	85	30	25	12	40	5.17	+ 2.09	1.93	10.0	7	18	4	8	se.	Dr. F. A. Long.
Marquette	Hamilton	1,830	34								3.43	+ 0.82	1.40	6.0	7					John Ellis.
Mary	Brown		2								2.04		0.48	6.5	11	17	5	8	s.	G. C. Stufft.
Mason City	Custer	2,257	13								1.94	− 0.79	1.15		4					J. A. Amsberry.
Minatare	Scotts Bluff	3,825	3								0.33		0.15		3	24	2	4	nw.	A. Kennedy.
Minden	Kearney	2,169	36	53.6	+ 3.3	87	30	24	4	43	4.34	+ 1.09	1.39	5.0	8	15	7	8	se.	Joel Hull.
Mitchell	Scotts Bluff	3,950	4	48.2		84	29	18	11	48	0.23		0.11	0.3	5	11	9	10	nw.	U. S. Reclamation Service.
Nebraska City	Otoe	941	36	54.0	+ 1.4	87	30	26	13	42	3.15	+ 0.56	1.00	T.	6	17	5	8	s.	C. B. & Q. R. R. Co.
Nelson	Nuckolls	1,683	2	53.4		85	16†	25	12†	51	2.59		0.70		7	20	1	9	s.	Mack I. Koser.
Norfolk	Madison	1,532	30	50.0	+ 2.2	87	30	21	12†	49	4.61	+ 1.91	1.94	8.0	10	18	5	7	se.	Dr. P. H. Salter.
North Loup	Valley	1,961	25	53.0	+ 3.1	87	15†	28	4†	47	3.80	+ 0.91	1.45	10.8	9	14	10	6	se.	W. G. Rood.
North Platte	Lincoln	2,841	39	51.0	+ 2.0	89	30	22	11	46	2.07	− 0.08	0.85	12.0	9	12	13	5	n.	U. S. Weather Bureau.
Oakdale	Antelope	1,722	26	49.1	+ 0.7	86	30	25	12	42	4.30	+ 1.54	1.35	12.0	10	11	10	9	s.	G. S. Clingman.
Omaha	Douglas	1,103	43	53.5	+ 3.0	86	30	32	12	33	3.00	− 0.01	1.12	T.	9	14	7	9	s.	U. S. Weather Bureau.
O'Neill	Holt	1,975	15								2.83	− 0.50	0.75	9.5	9	18	1	11	sw.	L. E. Best.
Ord	Valley	2,062	19								3.08	+ 0.41	1.57		8	13	9	8	s.	Jas. Milford.
Orleans	Harlan	1,993																		Jas. McGeachin.
Osceola	Polk	1,644	15	50.8		87	30	22	1	48	2.61	− 0.27	0.91	6.0	4	15	9	6	nw.	G. T. Ray.
Palisade	Hitchcock		4								1.44		0.44		6					E. E. Young.
Palmyra **	Otoe	1,142	19	53.1	+ 2.1	88	30	24	11		3.20	+ 0.80	1.48	T.	8	19	3	8	n.	Thos. Coles.
Pawnee City	Pawnee	1,175	18	54.6	+ 2.9	86	30	26	13	40	2.96	+ 0.35	1.33	0	6	22	2	6	s.	F. A. Barton.
Paxton	Keith	3,060	5	51.0		89	30	19	4	52	2.36		0.62	18.0	8	11	11	8	n.	C. F. Coy.
Plymouth	Jefferson	1,419																		Dora Ruppel.
Purdum	Blaine		14	49.8	+ 2.9	88	30	16	4	48	2.71	+ 0.51	0.60	19.0	11	14	5	11	se.	T. C. Jackson.
Ravenna	Buffalo	2,028	36	51.6	+ 1.1	86	30	23	12	45	3.24	+ 0.60	1.50		9	16	8	6	se.	H. G. Smith.
Red Cloud	Webster	1,687	22	56.0	+ 3.4	88	30	24	12	52[a]	2.06	− 0.14	0.86	0.5	6	19	2	9	s.	Chas. S. Ludlow.
St. Libory	Howard	1,887	18								4.16	+ 1.36	1.60	7.0	6	17	5	8	se.	W. I. Meader.
St. Paul	....do	1,796	19	53.2	+ 2.7	85	30	28	12	43	3.24	+ 0.71	1.44	2.0	8	18	6	6	se.	Paul Anderson.
Santee	Knox		25	54.3	+ 4.8	91	30	28	1†	44	3.33	+ 0.72	1.03	4.9	9	12	11	7	se.	A. M. MacGregor.
Schuyler	Colfax	1,357	20	51.8		83	22	25	13	43	2.07	− 0.68	0.75	6.0	5	18	2	10	s.	R. O. Brownell.
Scottsbluff	Scotts Bluff	3,888	26	48.5	+ 1.8	85	28	19	4	52	0.34	− 1.43	0.25	2.8	5	17	6	7	se.	A. B. McCoskey.
Seward	Seward	1,435	23	52.4	+ 0.6	85	30	28	12†	42	3.04	+ 0.08	1.04		9	15	9	6		C. B. & Q. R. R. Co.
Sidney	Cheyenne	4,090	21								2.79	+ 0.94	0.75	15.0	10	19	7	4	nw.	John P. Fischer.
Springfield	Sarpy	1,052	2								3.62		1.72	0.5	8	16	5	9	sw.	L. A. Bates.
Springview	Keyapaha		22	51.4	+ 3.6	87	30	24	4	45	3.10	+ 0.69	0.85	10.0	7	13	8	9	sw.	C. L. Phelps.
Stanton	Stanton	1,472	22	50.4	+ 1.6	84	17	21	12	49	3.48	+ 0.56	1.45	9.0	7	18	6	6	sw.	Alfred Pont.

TABLE 1.—*Climatological data for April, 1913. District No. 6*—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.		
Nebraska—Continued.																				
Stratton	Hitchcock	2,804	18	.....	.....	.....	.....	.....	.....	.....	1.35	− 0.71	0.53	.....	7	.....	.....	.....	.....	Miss Stella Vennum.
Superior	Nuckolls	1,574	28	.....	.....	.....	.....	.....	.....	.....	1.85	− 0.88	0.65	.....	4	.....	.....	.....	.....	F. V. Bishop.
Syracuse	Otoe	1,059	21	53.2	+ 1.4	87	30	27	13	42	3.11	+ 0.71	0.78	T.	7	19	4	7	se.	W. N. Hunter.
Table Rock	Pawnee	1,023	25	.....	.....	.....	.....	.....	.....	.....	3.42	+ 0.94	1.05	T.	10	19	4	7	s.	E. D. Howe.
Tecumseh	Johnson	1,113	32	.....	.....	.....	.....	.....	.....	.....	4.06	+ 1.26	1.55	0	7	15	8	7	.....	L. E. Pratt.
Tekamah	Burt	1,060	23	51.9	+ 0.9	87	30	27	13	43	2.77	− 0.10	1.19	3.0	10	17	2	11	sw.	Dr. A. D. Nesbit.
University Farm	Lancaster	.....	36	54.4	+ 2.0	86	30	28	13	42	2.44	− 0.01	1.47	.....	9	17	6	7	.....	S. W. Perin.
Valentine	Cherry	2,613	25	48.2	+ 2.8	83	29	21	4	42	2.94	+ 0.62	0.86	11.2	11	13	8	9	n.	U. S. Weather Bureau.
Wahoo	Saunders	1,187	10	.....	.....	.....	.....	.....	.....	.....	3.12	+ 0.33	1.47	5.5	5	22	1	7	.....	W. T. Mauck.
Wakefield	Dixon	1,387	19	49.2	+ 1.3	86	30	17	12	47	5.71	+ 2.94	2.33	16.6	11	16	6	8	s.	I. H. Weaver.
Walthill	Thurston	.....	12	48.6	.....	85	30	12	12	37	5.60	+ 2.87	3.50	16.0	10	15	5	10	se.	G. A. Dudley.
Watertown	Buffalo	2,299	7	.....	.....	.....	.....	.....	.....	.....	3.35	.....	0.98	2.0	7	18	7	5	n.	R. E. Swift.
Wauneta	Chase	2,935	14	.....	.....	.....	.....	.....	.....	.....	2.55	+ 0.47	.....	10.0	7	.....	.....	.....	.....	C. D. Fuller.
Weeping Water	Cass	1,080	36	53.6	.....	88	30	25	13	48	3.15	+ 0.64	0.80	T.	10	19	3	8	s.	S. W. Orton.
Westpoint	Cuming	1,313	30	51.9	+ 1.6	82	22	26	3	48	5.08	+ 2.31	2.07	8.0	8	19	2	9	n.	J. C. Elliott.
Wisner	....do	1,380	17	.....	.....	.....	.....	.....	.....	.....	4.12	+ 0.95	1.53	.....	6	21	0	9	.....	F. C. Evans.
York	York	1,633	27	53.4	+ 1.2	86	30	28	12	44	2.42	− 0.79	0.82	6.5	6	19	5	6	nw.	A. T. Giauque.
Iowa.																				
Afton	Union	1,212	19	51.5	+ 1.1	80	30	32	4†	33	2.94	− 1.43	1.02	0	9	13	8	9	se.	N. W. Rowell.
Allerton	Wayne	.....	11	52.1	+ 1.8	84	17	31	27	35	3.40	+ 0.20	1.40	0	9	16	7	7	s.	Maude Chase.
Alton	Sioux	1,305	8	47.9	.....	86	30	23	13	39	4.91	.....	1.81	11.0	10	15	8	7	nw.	W. S. Slagle.
Atlantic	Cass	1,164	22	51.7	+ 3.0	86	30	30	13†	42	3.29	− 0.23	0.80	0.3	13	11	4	15	se.	Thos. H. Whitney.
Audubon	Audubon	1,301	19	51.4	+ 2.7	84	30	30	5	38	3.20	− 0.04	1.02	0.4	9	14	2	14	sw.	Geo. E. Kellogg.
Bedford	Taylor	.....	13	52.0	+ 2.7	85	30	27	5†	41	2.37	− 0.44	0.80	T.	11	17	3	10	se.	E. E. Healy.
Centerville	Appanoose	1,013	3	50.4	.....	87	30	25	4	38	3.61	.....	1.10	0.2	11	15	8	7	s.	Gordon Peacock, jr.
Chariton	Lucas	1,042	18	50.4	+ 3.9	82	30	28	5†	38	2.92	− 0.21	1.35	0	6	16	7	7	s.	C. C. Burr.
Clarinda	Page	1,009	23	51.3	+ 0.4	87	30	28	5	45	2.91	− 0.28	0.82	0	10	.....	.....	.....	s.	A. S. Van Sandt.
Corning	Adams	1,117	21	50.6	+ 0.8	85	30	28	25	43	3.80	+ 0.67	1.03	T.	7	18	1	11	ne.	Jerome Smith.
Corydon	Wayne	1,101	20	52.0	+ 1.0	85	17†	29	27	38	3.68	+ 0.52	1.64	T.	13	11	8	11	nw.	May C. Miller.
Council Bluffs	Pottawattamie	990	3	52.0	.....	88	30	26	13	40	3.91	.....	0.87	T.	9	13	7	10	nw.	B. W. Crossley.
Creston	Union	1,312	8	49.4	.....	83	30	30	4†	43	2.46	.....	0.76	0.9	10	16	4	10	se.	O. J. Colby.
Cumberland	Cass	.....	14	.....	.....	.....	.....	.....	.....	.....	2.10	+ 0.01	0.80	0	6	19	4	7	sw.	J. H. Reppert.
Denison	Crawford	1,180	19	51.6	+ 3.5	85	30	28	27	35	3.39	− 0.06	0.98	2.0	9	.....	.....	.....	s.	W. C. Van Ness.
Elliott	Montgomery	.....	8	52.0	.....	83	22	31	5†	38	2.72	.....	0.65	0	8	17	7	6	se.	C. H. Westrope.
Greenfield	Adair	.....	21	51.4	+ 1.6	86	30	30	12†	43	2.83	− 0.35	0.96	1.0	10	13	10	7	sw.	Frank A. Ward.
Harlan	Shelby	1,182	14	50.4	+ 2.1	83	30	26	13	42	3.44	+ 0.98	0.90	T.	9	11	9	10	s.	C. A. Reynolds.
Inwood	Lyon	1,474	9	48.2	.....	87	30	20	12	41	7.43	.....	1.80	25.0	11	16	5	9	se.	F. B. Hanson.
Lake Park	Dickinson	1,479	....	47.0	.....	85	30	25	5	45	4.46	.....	1.60	7.5	5	16	8	6	nw.	A. B. Woodruff.
Lamoni	Decatur	1,120	6	52.2	.....	83	30	31	5	37	0.92	.....	0.33	0	6	18	0	12	se.	T. J. Fitzpatrick.
Larrabee	Cherokee	1,266	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. C. Carnahan.
Le Mars	Plymouth	1,224	17	48.2	+ 0.2	83	30	21	12	33	5.51	+ 2.32	2.15	18.0	10	19	2	9	se.	G. A. C. Clarke.
Lenox	Taylor	1,250	18	52.0	+ 2.0	83	30	31	12	38	2.47	− 0.56	0.85	0.5	7	19	3	8	s.	J. L. Hurley.
Leon	Decatur	1,120	11	52.5	+ 1.2	85	30	30	5	35	3.22	− 0.20	0.75	0	8	14	6	10	se.	Morris Gardner.
Little Sioux	Harrison	.....	8	52.4	.....	88	30	25	12†	45	3.21	.....	1.02	5.5	9	19	1	10	se.	Geo. H. Gibson.
Logan	....do	928	46	51.8	+ 1.9	86	30	29	13	38	4.12	+ 1.31	1.15	.....	9	14	6	10	nw.	Glenn H. Stern.
Mount Ayr	Ringgold	1,236	20	52.4	+ 1.6	86	30	32	12	39	2.78	− 0.50	0.90	T.	9	17	6	7	s.	Alex. Maxwell.
Murray	Clarke	1,216	22	51.6	+ 1.9	83	30	30	27	36	3.66	+ 0.43	1.65	0.4	12	11	10	9	s.	M. T. Ashley.
Northboro	Page	1,046	1	54.4	.....	88	30	31	12	37	2.77	.....	0.78	0	10	18	4	8	se.	J. M. Darby.
Odebolt	Sac	1,356	16	50.6	+ 2.5	86	30	27	13	41	4.27	+ 1.55	1.28	7.0	10	19	4	7	.....	E. Starner.
Onawa	Monona	1,051	13	51.6	+ 1.7	87	30	27	12	41	4.19	+ 1.71	1.70	17.3	11	20	2	8	nw.	O. G. Perkins.
Pacific Junction	Mills	960	14	51.2	+ 1.2	85	30	25	13	48	4.00	+ 1.45	1.22	1.5	9	14	11	5	n.	H. H. McCartney.
Rock Rapids	Lyon	1,358	14	45.4	− 0.8	85	30	22	5	47	4.64	+ 1.97	1.44	1.9	9	17	6	7	n.	W. C. Wyckoff.
Sheldon	O'Brien	1,422	13	46.2	− 0.9	80	22	27	5†	32	4.37	+ 2.64	1.74	5.0	12	13	7	10	se.	Geo. Aupperle.
Sibley	Osceola	1,212	20	46.4	+ 0.3	85	30	26	11†	44	5.13	+ 2.80	1.15	7.2	13	.....	.....	.....	se.	H. G. Doolittle.
Sioux Center	Sioux	.....	14	47.6	+ 1.6	86	30	27	11	35	6.95	+ 4.75	2.60	16.7	11	17	3	10	s.	J. de Ruyter.
Sioux City	Woodbury	1,135	24	49.1	+ 0.6	85	30	25	12	38	5.50	+ 2.73	3.08	22.9	10	15	7	8	se.	U. S. Weather Bureau.
Spencer	Clay	.....	3	48.6	.....	85	30	25	12†	40	5.27	.....	1.25	.....	9	.....	.....	.....	s.	S. Gillespie.
Thurman	Fremont	.....	16	53.0	+ 2.5	81	2†	28	13	38	4.48	+ 1.07	1.45	.....	8	11	12	7	nw.	C. R. Paul.
Washta	Cherokee	1,157	15	48.6	+ 2.1	85	30	16	12	45	6.59	+ 4.49	2.85	12.5	9	18	4	8	s.	H. L. Felter.
Kansas.																				
Abilene	Dickinson	1,157	18	.....	.....	.....	.....	.....	.....	.....	1.68	− 0.68	0.70	0	5	20	5	5	s.	T. W. Sherman.
Agricultural College	Riley	1,100	55	57.2	+ 2.9	88	2†	28	13	50	2.96	+ 0.21	1.65	T.	7	19	8	3	s.	Prof. J. O. Hamilton.
Alton	Osborne	1,651	11	57.0	.....	90	29	26	4†	53	2.14	− 0.09	0.60	T.	8	19	4	7	s.	H. A. Storer.
Atchison	Atchison	973	22	57.0	+ 2.8	90	30	34	12	37	4.41	+ 1.07	2.19	0	8	20	3	7	s.	Prof. E. M. Stahl.
Beloit	Mitchell	1,383	18	56.0	.....	87	30	27	13	52	2.29	− 0.07	0.92	0	7	14	8	8	s.	F. A. Slack.
Blakeman	Rawlins	2,894	16	52.4	+ 1.8	90	29	18	12	58	1.40	− 0.73	0.60	1.5	7	19	4	7	ne.	C. L. Henderson.
Blue Rapids	Marshall	1,105	7	.....	.....	.....	.....	.....	.....	.....	2.51	.....	1.37	0	8	23	0	7	.....	M. Norton.
Centralia	Nemaha	1,256	4	55.2	.....	86	30	27	13	40	2.87	.....	0.75	0	8	21	1	8	se.	N. S. Hazen.
Chapman	Dickinson	1,113	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. F. Halbert.
Clay Center	Clay	1,203	12	56.8	+ 3.1	89	2	27	12	44	2.77	+ 0.79	0.60	T.	6	14	5	11	n.	O. L. Slade.
Colby	Thomas	3,138	22	54.0	+ 3.2	89	30	21	4	54	2.35	+ 0.29	0.78	3.0	9	15	10	5	sw.	G. H. Kinkel.
Concordia	Cloud	1,398	29	56.3	+ 2.7	86	30	30	12	46	2.46	+ 0.04	0.86	0.3	9	13	9	8	s.	U. S. Weather Bureau.
Densmore	Norton	2,200	4	56.6	.....	89	5†	25	4	55	1.81	.....	0.77	1.2	6	14	3	13	se.	Miss Irene Vaughn.
Dresden	Decatur	2,731	19	52.2	+ 1.1	90	29	23	4	47	3.77	+ 1.83	1.60	7.5	10	17	2	11	nw.	Jacob Bock.
Ellsworth	Ellsworth	1,537	9	58.5	.....	90	2†	27	12	46	1.42	.....	0.53	0	7	14	13	3	s.	Geo. Seitz.
Emmett	Pottawatomie	1,024	1	.....	.....	.....	.....	.....	.....	.....	1.71	.....	0.63	T.	8	19	5	6	s.	Frank Zina.
Eskridge	Wabaunsee	1,412	7	57.2	.....	85	30	31	12	38	2.44	.....	1.30	T.	7	18	6	6	s.	Geo. D. West.
Farnsworth	Lane	2,850	12	55.3	+ 2.7	92	6†	19	12	56	1.99	+ 0.33	0.84	7.0	6	20	4	6	s.	C. M. Jennison.
Fort Scott	Bourbon	857	38	57.8	+ 3.1	89	17	33	13†	45	3.22	− 0.83	0.78	0	6	19	1	10	sw.	E. A. Shaver
Frankfort	Marshall	1,146	19	55.4	+ 2.3	88	30	30	13	45	2.67	− 0.42	0.80	T.	6	20	4	6	sw.	W. W. Watson.
Garnett	Anderson	950	7	56.9	.....	85	17†	32	13	37	1.43	.....	0.61	0	4	15	6	9	s.	D. D. Judy.
Goodland	Sherman	3,687	6	52.6	.....	85	18†	19	4	45	2.31	.....	0.89	8.0	7	17	2	11	s.	C. C. Calvert.
Hanover	Washington	1,225	16	55.2	+ 2.0	87	16†	29	12†	45	2.43	− 0.07	0.89	0	7	19	3	8	s.	A. Jaedicke, jr.
Harrison	Jewell	1,804	12	54.8	+ 3.2	86	29	26	13	48	2.46	+ 0.28	1.12	0.2	7	19	0	11	s.	Mahlon Tegley.
Hays	Ellis	2,000	45	53.4	+ 0.4	86	29†	24	4	56	2.78	+ 0.56	0.99	0.2	6	15	10	5	nw.	G. K. Helder.
Hill City	Graham	2,134	5	57.1	.....	89	29	26	4	50	2.23	.....	0.85	T.	7	21	2	7	s.	C. A. G. Inlow.
Holton	Jackson	1,043	2	56.2	.....	85	2†	22	10	40	1.81	.....	0.74	T.	5	16	7	7	se.	Miss Thamar Richey.
Horton	Brown	1,188	24	54.5	+ 1.0	88	30	32	12	42	2.66	− 0.11	1.27	0	7	17	2	11	n.	Mrs. S. C. Belden.
Hoxie	Sheridan	2,700	14	54.4	+ 2.3	88	15†	22	3	56	1.93	− 0.07	1.00	9.5	5	14	11	5	s.	T. L. Vinson.
Lawrence	Douglas	997	45	56.8	+ 2.0	86	30	32	5	44	1.84	− 1.12	1.30	T.	8	16	5	9	nw.	R. K. Young.
Leavenworth	Leavenworth	913	69	57.3	+ 2.9	88	17	34	12	37	3.18	+ 0.30	1.30	0	6	15	0	15	s.	Dr. A. F. Yohe.
Lebanon	Smith	1,812	15	55.6	+ 3.8	87	30	28	5	52	2.15	+ 0.51	0.95	0	4	12	2	16	s.	E. V. Bower.

TABLE 1.—*Climatological data for April, 1913. District No. 6*—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.		
***Kansas*—Continued.**																				
Leoti	Wichita	3,300	10	53.5	.....	89	30	15	4	53	1.73	.....	0.62	.....	4	20	3	7	se.	L. E. Gorsuch.
Lincoln	Lincoln	1,374	1	57.0	.....	91	2	26	13	53	1.79	.....	0.62	T.	6	16	5	9	s.	R. W. Greene.
Lindsborg	McPherson	1,333	7	.....	.....	.....	.....	.....	.....	.....	1.23	.....	0.60	T.	4	19	5	6	s.	A. J. Fredrickson.
McCracken	Rush	2,139	1	56.5	.....	88	29	24	4†	47	2.81	.....	1.37	0	8	14	11	5	nw.	E. D. Floyd.
Minneapolis	Ottawa	1,259	23	56.6	+ 2.0	89	2	28	12	48	2.43	+ 0.47	0.89	T.	7	17	7	6	s.	J. L. Steele.
Moran	Allen	1,098	17	58.8	+ 2.9	88	17†	30	13	42	1.57	− 1.94	0.86	0	4	16	9	5	nw.	C. J. Norton.
Natoma	Osborne	1,834	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. O. Hunt.
Norton	Norton	2,284	15	54.2	+ 2.4	88	29†	24	4	47	2.58	+ 0.16	0.80	4.0	6	16	9	5	se.	Sim Sleffel.
Oberlin	Decatur	2,539	26	.....	.....	.....	.....	.....	.....	.....	3.73	+ 1.02	1.45	5.0	9	17	5	8	nw.	I. K. Huber.
Oketo	Marshall	1,194	5	55.2	.....	86	30	30	13	43	3.37	.....	1.05	1.0	8	15	7	8	nw.	J. A. Church.
Olathe	Johnson	1,032	18	56.4	+ 2.1	89	17	30	13	39	3.06	− 0.11	1.35	0	5	13	9	8	se.	Dr. S. B. S. Wilson.
Oskaloosa	Jefferson	991	.....	.....	.....	.....	.....	.....	.....	.....	2.46	.....	0.88	0	6	22	0	8	.....	Ralph Snyder.
Ottawa	Franklin	926	19	57.1	+ 2.2	88	17†	32	13†	44	1.82	− 1.15	0.87	0	4	18	5	7	.....	W. J. Sheldon.
Phillipsburg	Phillips	1,939	22	55.7	+ 3.8	88	29	27	4	48	2.80	+ 0.70	1.40	T.	7	20	4	6	nw.	N. E. Bailey.
Plainville	Rooks	2,156	7	.....	.....	.....	.....	.....	.....	.....	3.50	.....	1.85	3.0	7	22	4	4	sw.	P. D. Spellman.
Pleasanton	Linn	862	11	58.1	+ 2.8	89	17	33	25	40	1.54	− 2.16	0.80	0	4	19	3	8	nw.	B. F. Blaker.
Quenemo	Osage	941	1	.....	.....	.....	.....	.....	.....	.....	2.15	.....	1.61	0	3	17	9	4	nw.	R. L. Graham.
Republic	Republic	1,495	10	55.4	.....	85	16†	26	12†	48	2.01	.....	0.62	1.0	10	.....	.....	.....	.....	J. W. Ambrose.
Russell	Russell	1,834	14	56.7	+ 2.7	88	29	28	4	48	3.69	+ 1.15	1.14	T.	6	19	1	10	s.	Robert Brebner.
Russell Springs	Logan	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Murray Wallace.
St. Francis	Cheyenne	3,288	5	51.5	.....	89	29†	18	4	56	1.63	.....	0.86	6.2	5	13	8	9	nw.	J. E. Uplinger.
Salina	Saline	1,227	29	57.8	+ 2.9	91	2	25	13	50	1.60	− 0.81	0.40	T.	8	16[b]	5[b]	7[b]	s.	Prof. A. W. Jones.
Scott	Scott	2,971	7	55.8	.....	90	30	19	4	52	2.19	.....	1.09	T.	4	19	5	6	s.	J. B. Loughran.
Smith Center	Smith	1,800	3	55.2	.....	88	30	25	4†	49	2.76	.....	1.29	0	8	15	9	6	se.	W. H. Nelson.
Topeka	Shawnee	997	27	57.0	+ 3.3	86	30	34	12	38	2.73	+ 0.01	1.10	T.	9	14	10	6	se.	U. S. Weather Bureau.
Tribune	Greeley	3,612	14	53.4	.....	86	30	18	4	48	1.34	− 1.20	1.25	T.	3	15	5	10	sw.	Charles E. Cassel.
Valley Falls	Jefferson	913	14	55.6	+ 1.9	88	30	29	13	44	2.37	+ 0.25	1.10	0	9	17	5	8	se.	Miss Nettie Maxwell.
Vinland	Douglas	880	4	.....	.....	.....	.....	.....	.....	.....	2.88	.....	1.55	0	6	.....	.....	.....	.....	A. Schick.
Wakeeney	Trego	2,456	30	55.2	+ 1.8	88	29	21	5	59	1.94	+ 0.02	1.02	T.	6	21	4	5	s.	A. S. Peacock.
Wallace	Wallace	3,303	43	55.0	+ 4.4	89	15†	17	4	62	0.78	− 0.93	0.44	1.5	3	10	17	3	s.	J. L. Page.
Wamego	Pottawatomie	1,002	20	58.2	.....	89	2†	30	13	46	2.22	− 0.56	0.50	T.	7	15	6	9	sw.	M. L. Stone.
Missouri.																				
Amoret	Bates	850	5	57.4	.....	88	17	33	13	40	1.80	.....	0.61	0	6	13	8	9	sw.	Darby Fruit Farm.
Appleton City	St. Clair	853	24	56.8	+ 0.7	88	17	32	5	40	2.37	− 1.95	1.15	0	5	11	13	6	sw.	Robert Brown.
Arlington	Phelps	695	24	.....	.....	.....	.....	.....	.....	.....	2.97	− 0.80	1.02	0	8	18	2	10	se.	G. V. Randolph.
Arthur	Vernon	767	21	57.5	+ 2.6	89	17	33	5	46	4.25	+ 0.07	2.20	0	5	17	5	8	sw.	J. T. Armstrong.
Avalon	Livingston	.....	28	53.8	+ 1.0	85	17†	31	13	38	3.98	+ 0.04	1.20	0	7	18	3	9	sw.	F. G. Ashbaugh.
Bagnell	Miller	594	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22	0	8	e.	C. O. Brockman.
Bethany	Harrison	881	24	52.5	+ 1.6	84	30	31	5	40	3.34	+ 0.29	0.92	0	6	12	10	8	sw.	W. H. Skinner.
Bolivar	Polk	1,070	26	58.9	+ 3.9	91	17†	31	5	44	2.26	− 1.58	0.90	0	7	20	3	7	sw.	A. C. Fink.
Boonville	Cooper	600	38	.....	.....	.....	.....	.....	.....	.....	3.52	− 0.48	1.26	0	8	12	7	1	se.	C. Randecker.
Brunswick	Chariton	652	34	54.9	+ 0.6	85	17†	31	13	44	3.55	+ 0.35	1.30	0	9	14	2	14	se.	Louis Benecke.
Clinton	Henry	800	26	56.6	.....	91	18	27	12	51	2.45	− 1.76	0.95	0	6	15	8	7	se.	A. E. Derwent, M. D.
Columbia	Boone	784	24	55.2	+ 0.9	84	17†	33	5	33	3.39	− 0.31	1.47	0	9	11	6	13	e.	U. S. Weather Bureau.
Conception	Nodaway	982	30	53.3	+ 1.3	85	30	32	12	35	2.40	− 0.41	0.56	T.	7	12	10	8	ne.	Fr. Adhelm Hess.
Crocker	Pulaski	1,300	2	57.4	.....	89	17†	29	5	42	2.52	.....	1.25	0	6	18	4	8	s.	Ira H. Stephens.
Eldon	Miller	.....	2	56.3	.....	86	17	33	13	37	4.21	.....	2.39	0	9	15	9	6	sw.	Charles A. Kellogg.
Eldorado Springs	Cedar	750	8	57.9	.....	89	17	30	5	40	3.91	.....	1.78	0	6	15	7	8	sw.	Samuel Graham.
Fayette	Howard	725	31	55.1	0.0	84	17	33	5	36	3.16	− 0.24	1.49	0	7	16	7	7	.....	Prof. T. B. Smith.
Fulton	Callaway	818	23	55.9	+ 2.0	87	17	29	5	47	2.56	− 1.62	1.03	0	5	16	6	8	w.	Russel Johnston.
Glasgow	Howard	618	35	.....	.....	.....	.....	.....	.....	.....	4.50	+ 1.39	1.42	0	7	17	0	13	e.	J. J. Shaughnessy.
Grant City	Worth	1,130	21	53.5	+ 2.1	87	30	32	5†	36	3.80	+ 0.85	1.55	0	7	19	2	9	nw.	W. H. Campbell.
Harrisonville	Cass	912	42	56.4	+ 2.4	90	17	32	5	41	2.54	− 1.00	0.82	0	7	12	1	17	sw.	A. J. Sharp.
Hazelhurst	Livingston	.....	21	.....	.....	.....	.....	.....	.....	.....	4.01	+ 1.02	1.32	0	8	.....	.....	.....	.....	W. H. Baker.
Hermann	Gasconade	482	39	.....	.....	.....	.....	.....	.....	.....	3.90	+ 0.29	1.76	0	10	14	6	10	se.	C. T. Maushund.
Houston	Texas	1,280	21	54.6	− 1.1	88	18	25	5	43	3.95	− 0.81	1.00	0	7	13	10	7	s.	E. Dempsey.
Jefferson City	Cole	628	31	54.7	− 2.5	88	17	30	5	44	3.22	− 0.22	1.82	0	10	19	1	10	n.	Miss Emma Swift.
Kansas City	Jackson	963	25	57.2	+ 2.9	85	30	36	11	34	2.05	− 1.24	0.96	0	7	11	11	8	s.	U. S. Weather Bureau.
Kidder	Caldwell	1,017	22	54.8	+ 2.2	83	17†	33	12†	33	2.58	− 0.50	0.55	0	9	18	7	5	se.	J. F. Sharp.
Lamonte	Pettis	863	25	55.7	.....	85	17†	30	28	44	3.90	+ 0.27	1.60	0	9	17	4	9	sw.	J. Ed. Hall.
Lebanon	Laclede	1,265	24	56.6	+ 0.3	88	18	30	5	48	2.44	− 2.17	1.28	0	6	18	3	9	s.	M. W. Serl.
Lexington	Lafayette	813	32	56.8	+ 2.6	88	17	34	28	39	3.77	+ 0.52	1.33	0	7	18	0	12	s.	J. W. Keithley.
Liberty	Clay	864	25	57.1	+ 2.1	89	30	33	5	38	3.46	+ 0.28	1.30	0	6	14	8	8	sw.	W. C. Wilmott.
Marshall	Saline	779	23	56.0	+ 2.0	85	17†	30	13	40	3.44	− 0.32	1.08	0	6	17	6	7	sw.	Prof. W. H. Black.
Maryville	Nodaway	1,160	23	53.8	+ 3.1	86	17	31	13	45	3.29	+ 0.11	0.77	0	9	16	6	8	s.	J. R. Brink.
Mount Vernon	Lawrence	1,480	33	57.2	+ 1.5	89	18	31	5†	40	2.35	− 1.11	0.93	0	4	22	2	6	sw.	J. R. White & Son.
Nevada	Vernon	860	20	.....	.....	.....	.....	.....	.....	.....	2.73	− 1.13	1.09	0	5	14	6	10	sw.	C. Jewell.
Oregon	Holt	1,113	58	55.0	+ 2.5	86	30	33	12	31	2.56	− 0.82	1.64	T.	6	19	5	6	nw.	Tom Curry.
Osceola	St. Clair	738	14	.....	.....	.....	.....	.....	.....	.....	3.08	− 0.99	1.20	0	5	14[b]	2[b]	12[b]	sw.	W. E. Mathews.
Pattonsburg	Daviess	.....	4	.....	.....	.....	.....	.....	.....	.....	4.07	.....	1.75	0	9	18	1	11	se.	Garrie Burton.
Rolla	Phelps	1,139	33	57.7	+ 2.9	88	18	30	5	37	3.33	− 1.04	1.44	0	7	17	5	8	ne.	Prof. P. J. Wilkins.
St. Charles	St. Charles	614	36	55.4	0.0	86	18	34	5†	50	3.69	+ 0.29	2.35	0	8	17	3	10	s.	L. C. Saeger.
St. Joseph	Buchanan	967	.....	55.8	.....	87	30	34	12	34	4.41	+ 1.28	2.24	T.	8	14	5	11	e.	U. S. Weather Bureau.
St. Louis (1)	St. Louis City	567	43	56.1	0.0	84	17	38	13	30	3.57	+ 0.05	2.45	0	10	17	2	11	ne.	Do.
St. Louis (2)	....do	578	.....	55.7	.....	84	17	38	5	30	3.75	.....	2.64	0	11	18	2	10	se.	St. Louis University.
Sublett	Adair	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Lewis Spriggs.
Tarkio	Atchison	.....	1	55.8	.....	88	30	32	11†	48	3.07	.....	0.95	0	8	15	6	9	sw.	Prof. M. H. Rees.
Trenton	Grundy	812	19	54.2	+ 1.5	81	21	33	5	37	3.78	+ 0.88	1.12	T.	11	15	4	11	ne.	W. H. Estes.
Unionville	Putnam	1,072	21	50.6	− 0.3	83	30	30	13†	41	4.65	+ 0.99	1.60	0	9	15	4	11	n.	Geo. W. Davis.
Warrensburg	Johnson	883	35	57.4	+ 1.4	89	17	34	13	37	3.24	+ 0.29	0.99	0	8	19	3	8	sw.	A. F. Smithson.
Warrenton	Warren	865	24	54.9	+ 0.1	88	17	36	5†	38	4.24	+ 0.35	1.82	0	9	14	5	11	nw.	Prof. J. H. Frick.
Warsaw	Benton	700	10	58.5	+ 2.8	94	30	28	13	52	4.25	− 0.16	1.82	0	8	18	4	8	w.	J. R. Smith, M. D.
Wheatland	Hickory	920	21	.....	.....	.....	.....	.....	.....	.....	4.70	− 0.14	2.05	0	8	17	5	8	s.	Mrs. S. A. Jackson.

[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.
‡ All temperature normals for Montana used in this table have been reduced to the 33-year period.
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for April, 1913. District No. 6, Missouri 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	
Wyoming.																																
Arapahoe	Bighorn																															
Basin	do		.27				.35																									0.62
Big Creek Station	North Platte																															
Boyd	Cheyenne		.06	.01				.12		.06	.01								T.					T.	.05	.17						0.48
Burns	South Platte		.20					.20	.32	.43									.30				.02									1.47
Casper	North Platte																															
Centennial	do		.04	.22	T.			.20	.10	.10	T.								.14	.02			T.	.01	T.	.10	T.					0.93
Cheyenne	South Platte	T.	.06	.07			T.	.12	.25	.24									.52	.01		.03	.04	.01	T.	T.	T.	T.				1.35
Chugwater	North Platte									T.	.20									.25		T.										0.45
Clark	Yellowstone	.05	.15				T.									T.			.08				.35				T.		T.		.04	0.67
Cody	Bighorn		.15				T.																									0.15
Dome Lake	Tongue		.40			.24	.16		.32	.32													.16	.08	.08	.08						1.84
Douglas	North Platte		T.			.03		.17											.55	T.												0.75
Dubois	Bighorn	.05	.24				.23	.04											.17				.05									0.78
Eatons Ranch	Tongue		.40				.30		.10														.10	.10	.05							1.05
Echeta	Powder		.35				T.		T.														.50								T.	0.85
Elk Mountain	North Platte			.34					.25														.06	.15								0.80
Encampment	do			.25				.13	.14	.05	.05								.30	.15				.05								1.12
Ervay	Powder	.04		.34					.71	.19									.23	.04				.02								1.57
Fort Laramie	North Platte			.24					.12	T.									.40													0.76
Foxpark	do							.20	.40	.30															.30							1.20
Germania	Bighorn		.02				.03												.03				T.									0.08
Gillette	Powder																															
Horse Creek	Bighorn																															
Hunters Station	Powder		.38	T.			.09		.31	.27									.28				.08		.12						T.	1.53
Hyattville	Bighorn		.25																													0.25
Jireh	Niobrara	T.	T.	.25				T.	T.	T.									.87	.08				T.	.04							1.24
Kinnear	Bighorn	.08	.41	T.	T.		.31												1.30								T.					2.10
Kirtley	Niobrara			.34						.07									.70													1.11
Kirwin	Bighorn																															
Knowles	Cheyenne		.47	.05				.33															T.		T.							0.85
Lagrange	North Platte			.20					.20	.25									.12			.05	.04									0.86
Lander	Bighorn	.12	.64				.80	T.	.12	T.									.52	.03			T.		T.							2.23
Laramie	North Platte		.14					.03	.05	.09	T.									T.			.01	.07	T.	.02						0.41
Leo	do		.09				T.	.19	.11																		T.	T.				0.39
Lolabama Ranch	Yellowstone																															
Lovell	Bighorn																															
Lusk	Niobrara		.30																.86													1.16
Manville	do			.35			T.	T.											.85	.06				T.	T.							1.26
Moorcroft	Cheyenne			.45				.20												T.				T.								.65
Moore	North Platte		.03	.11			.10	.05	.10	T.									.15	.10		T.	.10	.01	T.		T.					.75
Newcastle	Cheyenne		T.					.11		T.														T.	T.	.15						0.26
Pathfinder	North Platte	.01	T.	.01				.02	.02	.01									.02					.01								0.10
Pinebluff	South Platte			.32					.26	.54	.32									.24	.10											1.78
Pine Ridge	Cheyenne									T.	T.													T.							T.	T.
Powell	Bighorn	.01																														0.01
Rawlins	North Platte	T.	.06	.09			.06	.16	.04	.04	.02								.12					.09			.01					0.69
Rock River	do		T.	.13			T.	T.	T.										.05				T.	T.								0.18
Rockypoint	Powder		.08						T.													.01			T.							0.09
Saratoga	North Platte			.30			T.		.15																							0.45
Seven-Mile Creek	do																															
Sheridan	Tongue	.03	.23				.10		.02										T.				.24	T.	T.							0.62
Shoshone Dam	Bighorn	T.	.10				.08	T.	T.	T.						T.			.02				.20								.02	0.42
South Pass City	North Platte	.14	.34	.01			.02	.06	T.	T.									.11	.14			T.	.03	T.							0.85
Sundance	Cheyenne	.10						.30																								0.40
Thermopolis	Bighorn		.39	.07			.18	.13	.04										.36													1.17
Thornton	Cheyenne			.09			.04																									0.13
Ulm	Tongue		.11				.04		T.										T.				.20	T.	T.							0.35
Verona	do	.10	.20			.20	.10																.30	.20								1.10
Wheatland	North Platte			.10				T.		.12									.30													0.52
Wiants Ranch	do							.10	.15									.12	T.				.20	.01								0.58
Woodrock	Tongue	.04	.70	.16			.42	.41	.24	.56									T.	T.			.21	T.	.22							2.96
Worland	Bighorn			.24			.14	.30	.02										.06	.01												0.77
Wyncote	North Platte	T.		.16				T.	.10	.08									.18													0.52
Yellowstone Park	Yellowstone	.34	T.	T.	T.		.20									.01				.50		T.	.11	.01	.04				T.		T.	1.21
Fairview Dome	do	.25		.45	T.				T.								T.				.20	.10							T.		.24	1.24
Fountain	Madison	.20	.10													.20			.40				.50									1.40
Gallatin	Gallatin																															
Grand Canyon	Yellowstone	T.	T.	T.	T.	T.	T.									.10				.10			.60	T.	T.	T.						0.80
Lake Yellowstone	do	.20	.21		.71		.31									.28	.17						.38	.22								2.48
Norris	Madison	.10		T.	T.			T.								T.				.60			.40									1.10
Riverside	do	.30															.05					.05										0.40
Sylvan Pass	Bighorn		.54		.14			.08	T.							.28				.09			.30	T.			T.					1.43
Thumb	Yellowstone																															
Tower Falls	do	.03	.30	T.			.10		T.	T.						.01				.04	.03		.13	.03	.01							0.68
Upper Geyser Bsn.	Madison															.10				.02												1.02
Montana.																																
Adel	Missouri	.17	.03													T.	.20					.01	T.	T.		T.			T.	.20	.50	1.11
Agricultural College	Gallatin	.38	.23			.49														.08			.30	.05							.12	1.65
Augusta	Missouri	.32																												.48		0.80
Babb	St. Marys																			.01										32		0.33
Bald Butte	Missouri	.30	.03	T.	.05												T.			T.			.01						.04	.22	.25	0.90
Bigtimber	Yellowstone	.30	.48																													0.78
Billings	do	.06	.05				.05																.04								.02	0.22
Blackleaf	Missouri	.08	.03																	T.		.01	T.							T.	.32	0.44
Boulder Nursery	Jefferson	.30	.10	T.	T.	.03														.14						.03				.03	.14	0.77
Bowen	do	.31				T.										T.				.28		.07	.04							.03	T.	0.73
Bridger	Yellowstone			T.			T.																.02									0.02
Broadview	do	.17	.07						T.																						T.	0.24
Browning	Marias																						.10							.32	.08	0.50
Busby	Yellowstone		.17				.02	.06															.54									0.79
Busteed	do	.30	.30						.02							T.				T.			.01		T.			.02	T.		T.	0.65
Canyon Ferry	Missouri	.12	.01																	.14											.15	0.42
Cascade	do	.34	.14			T.	T.									.01	.12			.02		T.							.26	.51	.14	1.54
Chessman Reservoir	do	.54	.04		.03											.02				.02		.08	.25	.03	.05				.04	.32	.16	1.58
Chester	Marias																															
Chinook	Milk	T.															.13						T.		T.				T.	1.18	.15	1.46
Clearcreek	do	.12																												1.07	.31	1.50
Clydepark	Yellowstone		.43				.15																.25								.04	0.87

TABLE 2.—*Daily precipitation for April, 1913. District No. 6*—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	
Montana—Contd.																																
Conrad	Marias																															
Copper	Missouri	.38	.08				.08										.02							.10	T.			T.		T.	.15	0.81
Crow Agency	Bighorn		.40				.06																.14								.03	0.63
Culbertson	Missouri																															
Cut Bank	Marias																													.10	.16	0.26
Denton	Missouri	.26	.11													T.	.07				.03		T.		T.	T.			.06	.50	.04	1.07
Dillon	Jefferson	.41	.23				T.				.01	.02				T.		.01	.31			.01	T.							.15	.28	1.43
Dry Wolf Camp	Missouri		.20												.01	.10				.17	T.	T.	.01	.10		.40			.02		.02	1.03
Dunkirk	Marias	.03	.02			.01											.02			.02								.06		.33	T.	0.49
Ekalaka	Little Missouri		.07																													0.07
Fallon	Yellowstone	T.					.05										T.															0.05
Findon	Missouri	.68	.11		T.		.03										.10					T.	.14	T.						.01	.09	1.16
Flathead Creek	Yellowstone	.34	T.				.23													T.			T.							T.	.01	0.58
Forsyth	do																T.						T.									T.
Fort Benton	Missouri																															
Fort Shaw	do	.30	T.			T.										T.	.09			T.	T.	T.							.23	.37	T.	0.99
Foster	Bighorn		.08				.01		T.														.18	.02							T.	0.29
Garneill	Missouri	.80																		T.	.10	T.		T.			T.	T.		T.		0.90
Glasgow	Milk																.04				T.											0.04
Glendive	Yellowstone	.10	.30														.10		.03		T.											0.53
Goldbutte	Marias					.01											.17				.20		T.		T.			.02	.06	.15		0.61
Graham	Powder		.18																				.02									0.20
Great Falls	Missouri	.24	.37			T.	.05									.01	.11			.09	.07	T.	T.						.07	.43	.46	1.90
Harlowton	do	.04		.04	.03																											0.11
Havre	Milk	.08				T.											.22					T.	.04		T.			.13	.16	.67	.05	1.35
Hebgen Dam	Madison	.12		T.	.02	.35	T.								T.	.06			.04	1.89			.06	T.	T.					.02	T.	2.56
Helena	Missouri	.35	.01	T.	T.	T.										T.				.07		.10	T.		T.		T.		.02	.35	.17	1.07
Highwood	do	.25														T.	.45						T.		T.				.05	.40	.28	1.43
Huntley	Yellowstone		.28																												.08	0.36
Jordan	Missouri	T.	.16														.12				.10											0.38
Knobles Ranch	Milk		T.			.05											.09						.02		T.			.04			.33	0.53
Lewistown ‖	Missouri		.30	T.			T.										T.	.17					.03	T.		.04				.03	.12	0.69
Lonetree	do	.55															.26												.26	.73	.23	2.03
Lothair	Marias	T.				T.											.20												.20	.60		1.00
Lytle	Missouri	.03	.07			T.											T.			.05		T.			T.				.20	.66	.14	1.15
Malta	Milk																.08						.01								.12	0.21
Medicine Lake	Missouri	.05															.10											.03				0.18
Melstone	do																															
Mildred	Yellowstone	T.	.87														.17				T.									T.	T.	1.04
Miles City	do	T.	.17	.10													.10						.03								T.	0.40
Norris	Madison	.16	.08																	.30	.01	.01									.19	0.75
Olsen Creek	Jefferson	.26																		.41				.05						.27		0.99
Pinegrove	Missouri																.05									.10				.02		0.17
Pipestone Pass	Jefferson	.20	.09			T.														.35	T.	T.	.07	T.					T.	.15	.41	1.27
Plevna	Yellowstone		.11						T.								.03			T.												0.14
Poplar	Missouri	T.					T.																									T.
Red Lodge	Yellowstone	T.	.39																				.14		T.						.14	0.67
Renova	Jefferson	.23				T.														.44										.08	.25	1.00
Ryegate	Missouri																															
Savage	Yellowstone	.28	T.														T.				T.							T.				0.28
Shelby	Marias																											T.	T.	.55	T.	0.55
Sidney	Yellowstone	.08	.01																													0.09
Springbrook	do	.20	.40												T.		.20			T.											T.	0.80
Sunlit Farm	Milk						T.															T.								.71	.04	0.75
Sun River Canyon	Missouri	.15	.05																			.05								.50	.02	0.77
Three Forks	Madison	.75	.10																												.50	1.35
Utica	Missouri	*	1.30																			T.			.03					.40	.27	2.00
Valentine	do	.21																		.16			T.								.04	0.41
Valier	Marias																															
Wall Rock Mountain	Missouri	.46	.10		.03		.10									T.				.04		T.	.05	.03	.06				T.	T.	.19	1.06
Wheaton	do	.18																													.04	0.22
Whites Ranch	Yellowstone																															
White Sulphur Spgs.	Missouri	.04	.14				T.															T.	T.	T.							.25	0.43
Wilder	do	.16														T.	.46						.02		T.					.02	.15	0.81
Wolf Creek	do	.22	.06			T.	.01													T.		.01		T.					.04	.21	.41	0.96
North Dakota.																																
Aplin	Knife	.02	.11					.18		.01											.28		T.									0.60
Arnegard	Missouri																															
Ashley	do		.14					.50		.60												.46	.30									2.00
Beach	L'le Missouri		.15				T.		.01								.04			T.												0.20
Belfield	Heart	.25					.25																T.									0.50
Berthold Agency	Missouri	.01	.20					.27								T.					.03	.06										0.57
Bismarck	do		.08					.25		T.							T.				.22		T.									0.55
Buford	do																															
Carson	Heart		.18					.03													.28											0.49
Dickinson	do	T.	.07				T.	.34		T.							T.			T.	.04		.07									0.52
Edgeley	James		.15					.15		.16	T.											.62		.35								1.43
Energy	Missouri																															
Epping	do		.10														.10															0.20
Fullerton	James		.04					.40	.09	.55											.03			.54								1.65
Garrison	Missouri	.14	.12					.22		T.											.11		.03									0.62
Haley	Grand		.15				.10			T.										T.	.05		T.									0.30
Hettinger	do		.02					.01		T.													T.									0.03
Howard (near)	Missouri	T.	T.				T.		T.								.02			T.	T.							T.	T.	T.	T.	0.02
Jamestown	James			.25					.50													.45		.20								1.40
Lamoine	Missouri		*	.80				*	.20								T.				*	.57				T.						1.57
McHenry (near)	James																															
Marmarth (near)	L'le Missouri		.05					T.									T.			.02	T.											0.07
Marstonmoor	James		.19	.02				.20	T.	T.	T.						*				.12	.14		.05		T.						0.72
Medora	L'le Missouri																															
Melville	James							.40																		T.						0.40
Mott	Cannon Ball		.18					.26													.04											0.48
Napoleon	Missouri			.09				.05	.25		.25											.15		.02								0.81
New England	Cannon Ball		T.					.20													.02											0.22
New Rockford	James		.09	.18			.30	T.													.48		T.									1.05
New Salem	Heart																															
Orange	Cannon Ball		.28					.28		T.																						0.56
Ranger	L'le Missouri		.10																		T.											0.10
Steele	Missouri																															
Turtle Lake	do	T.	.13	T.				.14	T.								T.				.14	.07	.01								.04	0.53
Washburn	do	T.	T.					.17									T.				T.		T.									0.17
Williston	do	.04	.10				.07										.06			T.	T.		T.									0.27

TABLE 2.—*Daily precipitation for April, 1913. District No. 6*—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	
South Dakota.																																
Aberdeen	James		T.	T.	T.			.10	.60	.25	.90										.10		T.	.40	T.							2.35
Academy	Missouri		T.	.21				.26	.04	.63	.24									.24	.51	.01	.04	.37	.05	T.					.04	2.64
Alexandria	James							.32		.75	.10									T.				.83	.07							2.07
Armour	Missouri			.80				.40	T.	1.00	.20										.30			.20								2.90
Bellefourche	Cheyenne		.10	.03				.30		T.																						0.43
Blunt	Missouri	T.						.53		.95	.04										.40	.03	.36									2.31
Britton	James							.15		.50											T.			.12							T.	0.77
Brookings	Big Sioux	.01		.04			.50	.02	.10												.07	.06	.10	.89	.45							2.24
Bryant	do	T.	T.	T.				.45		.20												T.	.24	.87	.05							1.81
Camp Crook	L'le Missouri		.07					.06	T.														T.									0.13
Canton	Big Sioux			.16				1.65	.09	.55	.79									T.	.16	T.	.13	1.77	.74							6.04
Cascade Springs	Cheyenne							.11		.32										.06		T.										0.49
Castlewood	Big Sioux	.02	.04	.01				.80	T.	.05	T.										.02	.05	.07	1.02	.03	T.	T.					2.11
Centerville	Missouri		T.	.18				.87	.13	.27	.66	T.								T.	.15	T.	.08	1.13	.47	.02						3.96
Clark	James	T.	T.					.67	.26	.12											.07		.07	.58	T.							1.77
Cottonwood	Missouri	T.		T.						.31										.22	.21	T.	.03	.35	.03							1.15
Custer	Cheyenne									.10																						0.10
Daviston	Owl		.30					.05																								0.35
Deadwood	Cheyenne	T.	1.10					.25		.10													.15									1.60
Deerfield	do		.02					.01	T.	.05	T.								.01				.09	T.	.09	.01						0.28
De Smet	James			.08				.56		.49											.10	.10	.08	.85		.08						2.34
Dowling	Cheyenne	T.	T.							.60	.10	T.								.10	.10		T.	.50	T.							1.40
Dumont	do		.54					.16		.21	.20												.26	.09	.22							1.68
Eagle Butte	Grand		.05						T.	.54	.20										.55			.14								1.48
Eales	Missouri		T.	T.				.05		*	.50										.21		T.	.52								1.28
Elk Mountain	Cheyenne		.08					.10	.02																	.06						0.26
Ellingson	Grand		.05					.11		.11										T.			T.									0.27
Englewood	Cheyenne																															
Eureka	Missouri		.04	.01				.05	.01	.10	.02										.14			.31								0.68
Fairfax	do			.25				.35	T.	.50	.25										.50			.60	.02							2.47
Faith	Cheyenne		.05					.20	T.	.60	.10								T.	T.												0.95
Faulkton	James	T.						.54		.32	.40										.20		.03	.35								1.84
Flandreau	Big Sioux	.03		.05				.20	.10	.40											.10			.70	.38							1.96
Forestburg	James	T.	T.		.28			.43	.09	.30	T.									T.	.20	.15	.15	.46	T.					.07		2.13
Fort Meade	Cheyenne				.30							.10																				0.40
Frederick	James								.40	.40											T.	.05	.30								.11	1.26
Greenmont	Cheyenne	.10	.09	.50						.16	.10											.24	T.									1.19
Greenwood	Missouri			.69				.08	.05	.32	.30										.22		T.	.89	.03							2.58
Goldfield	Cheyenne		.05					.08		.10										.15												0.38
Hardingrove	do		.05						T.		2.04									.01	.15		T.	.34		T.						2.59
Hardy Ranger Sta.	do		.28	T.			T.	.30		.04	.19												T.					T.				0.81
Harveys Ranch	do	.35							.12	.20													.10		.12							0.89
Hermosa	do	T.						T.		.22										.07			.16		T.	.02						0.47
Highmore	Missouri	T.						.36	T.	.41	.03										.20		.01		.26							1.27
Hopewell	Cheyenne	T.	T.							1.00											.75			.45								2.20
Howard	Missouri		T.	.15				.18		.35										T.	.20	.05	.10	1.50	.08	T.						2.61
Howell	James	T.	T.					.58	T.	.33	.10									T.	.17	.02	T.	.16							.01	1.37
Huron	do	T.	T.	T.				.63	.14	.46										T.	.18	.02	.10	.27	T.						.01	1.81
Ipswich	do		T.					.48	T.	.73											.18		.01	.35								1.75
Kadoka	White							T.		.47										T.	.35			.46								1.28
Kennebec	Missouri			.05				.73	T.	1.00										.05	.17			.37								2.37
Kimball	do		T.					.65		.45											.51		.04	.39								2.04
La Delle	James	.07	T.	T.				.55	T.	.40	T.										.15		.12	1.05								2.34
Lead	Cheyenne		.20	.30				.15		.04	.06												.12		.03							0.90
Lemmon	Grand																															
Marion	Missouri		T.	.40				.45	.18	1.21	1.27									.05	.46		.13	.70	.56							5.41
Marston	do	T.						.19	T.	.40	1.19									T.	.44	.03	.02	.34								2.61
Meadow	Owl		.15					.30		.04																						0.49
Mellette	James	T.		T.				.34		.30	.02										.06		T.	.14								0.86
Menno	do	T.		.33				.33	.62	.23	.20								.37	T.	.07	.43	.67	.07								3.32
Milbank	Minnesota		.01	T.				.27	.71	.35	.14										T.	.08	.05	.56	.23	.12						2.52
Mitchell	James			.42				.45		.50	.26										.55	.07		.70	.20						.15	3.30
Mobridge	Missouri		.02					.15	.02		.47									.25				.20								1.11
Murdo	White							T.	T.	2.00														.25								2.25
Oelrichs	Cheyenne		T.				T.			.40										T.			T.									0.40
Onaka	James		.03	T.				.44	*	.94										.30		.08	.48								.12	2.39
Onida	Missouri							.20			1.25										.47		.06	.40								2.38
Orman	Cheyenne		.10	.03				.30															T.									0.43
Ottumwa	Missouri	T.								.40										.60		T.		.25		T.						1.25
Parkston	James		.72					.47	.32	.73											.93	.08										3.25
Pierre	Missouri	T.						.04	.10	.50	.04									T.	.12	T.	.02	.35							T.	1.17
Pine Ridge	White			.03					*	*	.60									.27		.40	*	.21	T.	T.						1.51
Plankinton	James	T.	T.	.15				.35		.65											.58	.10	T.	.52								2.35
Pollock	Missouri		T.	.17					.15	.05	.02											.50		.18								1.07
Rapid City	Cheyenne	.02	.03				T.	.05		.18	.06									.01			.02		.02					T.		0.39
Redfield	James								.40	.22	.32										.11		T.	.18	T.							1.23
Rochford	Cheyenne	.03	.10				T.	.01		.10										T.			.16			.02						0.42
Rosebud	White																															
Roslyn	Big Sioux		T.	T.				.40	T.	.20	.10											.28	T.	.34	.03							1.35
Selby	Missouri		T.					.24		.75											.12		.33									1.44
Sioux Falls	Big Sioux			T.	.21			.20	.30	.52	.21	.19									.06	.21	1.05	.81	.86	.10	T.					4.72
Sisseton	Minnesota								.26		.50										.22	.10			.28						.25	1.61
Scrum	Owl									.04													T.	T.	T.							0.04
Spearfish	Cheyenne			.13				.14		T.													T.								T.	0.27
Stephan	Missouri	T.	T.	T.				.55	T.	.30	T.									T.	.23	.05		.32								1.45
Tama	Cheyenne																															
Timber Lake	Grand		.23					T.	T.	.24	.11										.85		.02	T.					T.			1.45
Tyndall	Missouri			.32				.17	.08	.49	.47										.57	.03	.15	.80	.39							3.47
Vale	Cheyenne		.06	.01				.13		T.	T.												.04	.01	T.							0.25
Vermilion	Missouri		T.	.72				.41	.30	1.62	2.00										.16			2.03	.43	.03						7.70
Waters Ranch	Cheyenne	T.	.30	.19				.53															.01		.02							1.05
Watertown	Big Sioux		T.	T.				.80	.60	.24	.16	T.										.03	.43	.60	.18							3.04
Wentworth	do			.04				.37		.18										T.	.18		.12	.84	.36							2.09
Wessington Springs	James																															
White Lake	Missouri			T.					1.23		.70										.73		.21									2.87
Winner	White			.18			.85			.76	.03									.39	T.		.60	.09		T.						2.90
Wood	do			.15				.47	T.	1.35	.13									.18	.05			.62								2.95
Yankton	Missouri		T.	.47				.50	.22	.70	.94									T.	.21	.01	.31	.77	.25	.01						4.39
Minnesota.																																
Pipestone	Big Sioux			.20				.10	.15		.40												.25	1.04								2.14

TABLE 2.—*Daily precipitation for April, 1913. District No. 6*—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	
Colorado.																																
Arriba	Republican			.16					1.82										T.	T.		.08		.17								2.23
Auldhurst	South Platte	T.		.06			T.	.22	.60	.07	.02								.25	.03		.04		.10	.01	.04						1.44
Bennett (near)	do			.02					.48	.22									.29				.18			.04						1.23
Boulder	do		.48					.48	.44											.03					.12	.03						1.58
Burlington	Republican			.02					.62		.04											.12	.02	.42								1.24
Cassells	South Platte			.24				*	*	.55								.13	.72	.10			.03			.20						1.97
Castle Rock	do				.04				.92	.28									.02	.15	T.		T.		T.	.02						1.43
Cheesman	do			.17				.15	.82	.09									.15	.30				.14								1.82
Cheyenne Wells	Smoky Hill	T.		T.					1.00	.30	T.									T.	.04	.17	.07	.35								1.93
Cope	Republican																															
Corona ‖	South Platte		.07	.63	.40			.10	.57	.85	.35								.53	.38				.53	.15	.45	.20					5.21
Denver	do	.01	.10	.18			T.	.26	.68	.08								.02	.16	.02	T.	.01	T.		.02	.12						1.66
Edgewater	do	.10		.27				.01	.92	.08									.20	.15						.25						1.98
Estes Park Fish Hatchery.	do			.42				.16	.80										.50	.32		T.	T.	T.	.08	.24						2.52
Fort Collins	do		.01	.01				.09	.50	.13									.35	.37		T.		T.	T.	.03		T.				1.49
Fort Lupton	do	.01	T.			T.		T.	.60	.31									.02	.10			T.		T.	.05						1.09
Fort Morgan	do							*	*	1.58									.37	.08			.36									2.39
Frances	do	T.	T.	.45				.13	.62	.05								T.	.20	.06			T.	.04	T.	.21	T.					1.76
Frys Ranch	do			.21				.23	.42	.04									.31	.12			.05	.07	T.	T.						1.45
Georgetown ‖	do	T.	.25					.80	.20	T.								.32	.55				T.	T.	.17							2.29
Greeley	do			.22					.65	.31									.05	.11				T.								1.34
Grover (near)	do							T.	.30	.20									.15	.10					T.		T.					0.75
Hartsel	do			.03				.02	.23										.10					.02	.01							0.41
Hawthorne	do			.48				.07	.90	.07								T.	.30	.18		T.	T.	T.	T.	.24		T.				2.24
Holyoke (near)	Republican																															
Idaho Springs	South Platte	T.	T.	.20				.03	.54	.08								T.	.50	.20				.26	.01	.23						2.05
Julesburg	do			.40					.21	.40	.51										.43		.18	.18								2.31
Kersey	do							.32	.68	.20									.25													1.45
Laporte	do				.05			.37	.05										.30	.60					.01	.01						1.39
Le Roy (near)	Republican			.04						.76	T.									.68	.03	.23	.03	.24								2.01
Longmont ‖	South Platte		.20	.01				.40	.30									.04	.48				.03		.04							1.50
Longs Peak (near)	do																															
Merino	do		T.						1.00	.40												.20			T.							1.60
Moraine	do		.60					*	.90																	.05						1.55
Platte Canon	do							.12	.97	.11										.28				.13		.22						1.83
St. Cloud	do		T.	.12			T.	.20	.30	.10									.16	.13			T.	T.	T.	.05						1.06
Sedgwick	do			.38					.78										T.	.35		.20		.15								1.86
Silver Lake	do																															
Spicer (near)	North Platte			T.				T.																								T.
Sterling	South Platte			.06					*	1.20										.15		.20	.11									1.72
Waterdale	do																															
Wray	Republican			.50					.60	.15												.13		.50								1.88
Yuma	do			.05					.26	T.	T.											.08	T.	T.	T.							0.39
Nebraska.																																
Ainsworth	Niobrara				.75			.35	*	*	.90									.07	.45	.15	T.	.61		T.					.12	3.40
Albion	Loup			.36				.13	.06	.27	.56								.01					1.63	.54	.10						3.66
Alliance	North Platte			.10					.10	.50									.10	.15			T.	T.								0.95
Alma	Republican			T.					.46	.08	.52												.51	.85		.08						2.50
Arcadia	Loup			.50			.08		T.	.78										T.	.25	T.	.90	.35								2.86
Arden ‖	do		.39	.15			.35	.05	.31	.30	.70								.05	.01	T.	T.	1.52	.79	.01	.01						4.64
Ashland	Platte			.13				.25	.20	.45	.27	.03									T.			.82	.47							2.62
Ashton	Loup			.23				.10	*	*	.37								.02				1.16	.84		.14						2.86
Atkinson ‖	Elkhorn																															
Auburn ‖	Missouri			T.	.09			.23	1.05	.57	.26	.05										.03		.05	.73	.04						3.10
Aurora	Blue		T.						.85		.60											1.25	.40	.80	.41							4.31
Beatrice ‖	do			.04				.10	.40	.54	.03													.16	1.10	.03						2.40
Beaver City	Republican								T.	.44	.25											T.	T.	2.02	.23	.10						3.04
Bellevue	Missouri																															
Benkelman	Republican																															
Bertrand ‖	do			T.						.45	.25										.05		.03	1.21	.85							2.84
Blair	Missouri			.10	.05			.13	.16	.54	.50	.02							T.		.06		.03	1.00	.47							3.06
Blake	Loup			.30				T.	T.	.40	.80						T.	T.		T.	.43			1.63		T.						3.56
Bloomfield	Missouri			.30				.20	.15	.50	.60										T.			2.00	.85							4.60
Bradshaw ‖	Blue			T.				T.	T.	.75	.18	.12												1.20	1.63	.03						3.91
Brewster	Loup		.01	.15					.55	.50	.25								.15	.08	.14	.02		.62	.04	.01					T.	2.52
Bridgeport	North Platte			.10					.20	.30	.10							T.			.60		.18	T.								1.48
Broken Bow ‖	Loup		.34	.21			.09		.81	.22	.15												.91	.50								3.23
Bruning	Blue			T.	.03			.03	.40	.14	.08											T.	.40	.32	.39	T.						1.79
Burge	Niobrara			.70					*	*	1.10								.62	.23		T.	T.	T.								2.65
Burwell	Loup			.40					.22	.35	.50								.16		.03	.01		1.38		.01						3.06
Butte	Niobrara			1.66				.18	.03	.80	.50								.02		.29			.42	.04							3.94
Cairo	Platte			.03					.25	.57	.60														1.61	.64						3.70
Callaway	Loup			.50					.87	.23	.27														1.00							2.87
Cambridge	Republican	T.		T.					.50	.25	.50								T.	T.	T.	T.	.54	1.27		T.						3.06
Columbus ‖	Loup		.13	.02	T.			.05	.08	.36	.05	.19												.70	.46	.03						2.07
Crete	Blue				.10			.15	.28	.15	.16													.81	.26							1.91
Culbertson ‖	Republican		T.	T.					.50	1.00	.52													.52	.37							2.91
Curly	North Platte								.02	.40									.26				.06		T.							0.74
Curtis	Republican		.01	.29					.40	1.00	.60										T.	1.00		1.11	.38	T.						4.79
David City	Blue		.01	T.				.10	.11	.27	.86								T.	T.			.07	.81	.67	T.						2.90
Du Bois	Missouri			.01				.36	.60	.59	.11										.06			.48	.31	.09						2.61
Dumas	Loup			.34				.07	.09	*	.38									.04	.12	T.		1.64	.11	T.						2.79
Elm Creek ‖	Platte		.12						1.00												.20			2.65								3.97
Elsie ‖	Republican			.10								.15									.15		.20		.40	.20						1.20
Ericson (near)	Loup																															
Ewing ‖	Elkhorn			.40				.10	.05	.40	.20								T.	T.	.13		.10	1.12	.30	.05						2.85
Exeter	Blue		T.	T.				T.	.40	.25													.24	1.16	T.	T.						2.05
Fairbury ‖	do		T.	.05			.19	.95	.47	.10	.09										T.		T.	.90	.02	.14						2.91
Fairmont ‖	do				.04				T.	.55	.15	.10												.37	.70		T.					1.91
Falls City	Missouri			.47				.47	.53	.50	.40										T.			.23	.14							2.74
Ft. Robinson ‖	White									.17										.30												0.47
Franklin	Republican						T.		.73	.21	.08												.72	.88		T.						2.62
Fremont	Platte			.20				.12	T.	.35	.63										.05			.90	.27							2.52
Fullerton	Loup		.15					.25	.60	.18	.77								T.				T.	1.30	.80	.16						4.21
Geneva	Blue			.02				T.	.41	.22	.31												.13	.81	.60							2.50
Genoa	Loup		T.	.08				.17	T.	.27	.38								T.	.18	.02			1.15	.55							2.80
Gordon	Niobrara		.25							1.20										.60				.21								2.26
Gosper	Republican			.04					*	*	.82											.05	.15	1.37								2.43
Gothenburg	Platte			.45					.60	.42	.20								T.		T.		.25	.95	.05	T.						2.92

TABLE 2.—*Daily precipitation for April, 1913. District No. 6*—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		
Nebraska—Contd.																																	
Grand Island‖	Platte		T.	T.					.12	.75	1.23	.08											T.	1.30	.93		T.						4.41
Grant	Republican			.25					.30	.30	.30											.16		.31									1.62
Greeley	Loup			.40				.37	.24	.30	.50									.01		.19	1.27	.65		.09							4.02
Guide Rock	Republican						T.		.50	.20	.20													.92	1.08	T.							2.90
Haigler	do									.20												.11		.66									0.97
Halsey	Loup		.25	.53					.40	.42	.12								.27	.07	.07	.07	.03	.57	.01								2.81
Hartington‖	Missouri		.08	.10	.32			.08	.32	.48	.90	.80									T.	T.	T.	1.30	1.22	.06	.08						5.74
Harvard	Blue		T.					T.	.68	.27	.22												.07	1.30	.65	.15							3.34
Hastings‖	do			T.	T.				.06	.74	.16	.20												1.08	.95	.02	.15						3.36
Hayes Center	Republican																																
Hay Springs	White							T.	.20	.60	.40								T.	.38			.20		T.	T.							1.78
Hebron	Blue							.25	.63	.25	.16													.41	.50	T.							2.20
Hemingford‖	Niobrara			.03						.02	.06								.24	.23	.01			.06									0.65
Hendley‖	Republican								.83														1.65	1.00									3.48
Hershey‖	South Platte			.35	.02					.50	.35	.20												.50	.07								1.99
Hillside	North Platte	T.	T.	.53				.11	.35	*	.40								.01	.02	.21	.25	.07	.19				T.					2.14
Holdrege‖	Republican									.75	.30	.10												1.62	1.25		.10						4.12
Hooper‖	Elkhorn																																
Hull (near)‖	North Platte																																
Imperial	Republican		T.	.55			T.		.25	.35	.15									T.	T.	.28	T.	.35	T.	T.							1.93
Kearney	Platte			.21					.85	.28	.06								T.				T.	1.73	.39	.06							3.58
Kimball‖	South Platte	.05					T.	T.	.20	.30									T.	T.													0.55
Kirkwood	Niobrara			.40				.13		.36										.06	.17			.85	.05	T.						.03	2.05
Kowanda‖	North Platte			.10				.07	.02	.20	.20									.07	.44		.20	.22									1.52
Lexington	Platte		.07	.15					.48	.28	.04													*	.12								1.14
Lincoln	do		T.	.09			.02	.12	.42	.27	.12	T								T.	.02	T.		1.15	.25								2.46
Lodgepole	South Platte			.52				T.	.35	.50	T.								T.	T.	.97	.26	T.	.28				T.					2.88
Loup City	Loup			.34				T.	.81		.13								.04				1.19	.76									3.27
McCook	Republican																																
McCool Junction‖	Blue	.04		.08				T.	.53		.25											T.	.25	.86	T.	.12							2.13
Madison	Elkhorn			T.				.10	.15	.75	1.50	T.							T.		.10		T.	1.93	.64								5.17
Marquette	Blue			T.				T.	.38	.44	.60	T.										T.	.02	1.40	.52	.07							3.43
Mary	Loup		.05	.35					.33	.40	.05								.20		.10	T.	.03	.48	.01	T.						.04	2.04
Mason City‖	do			.25					.50										.04					1.15									1.94
Minatare	North Platte			.06						.15																					.12		0.33
Minden	Blue		T.	.01					.82	.18	1.02											T.	1.39	.45	.46	.01							4.34
Mitchell	North Platte								.04	.03									.11	.02			.03										0.23
Nebraska City	Missouri			.15					1.00	.50	.60										T.			.55	.35								3.15
Nelson	Blue								.54	.12	.08											.70	.44	.60		.11							2.59
Norfolk	Elkhorn			.06				.14	.08	.32	.91	.14							T.		.13	T.	T.	1.94	.80	.09							4.61
North Loup	Loup			.30				.05	.15	.35	1.05								.07			T.		1.45	.33	.05							3.80
North Platte	Platte		.01	.51					.68	.34	.06								T.	.01	T.	.02	.15	.29		T.		T.					2.07
Oakdale	Elkhorn			.46				.36	.18	.17	1.00								.02	T.	T.		.90	.79	.35	.07							4.30
Omaha	Missouri			.09	.02			.69	.24	.62	.15								T.	T.	.01	T.		1.02	.16								3.00
O'Neill‖	Elkhorn			.31	.08			T.	.02	.53	.44	.20								T.		T.	.02	.75	.48								2.83
Ord	Loup			.48				.16	.20	.35	.08													1.57	.20	.04							3.08
Orleans‖	Republican																																
Osceola	Blue									.30	.60													.91	.80								2.61
Palisade	Republican			.15				.30	.20	.25	.10														.44								1.44
Palmyra	Missouri			.08				.15	.30	.40	.18										.05			1.48	.56								3.20
Pawnee City	do							.30	.35	.75											.08			1.33		.15							2.96
Paxton	South Platte			.31					.62	.58	.39								T.		.08	.10		.25				.03					2.36
Plymouth‖	Blue																																
Purdum	Loup	.03		.50					.60	.60	.20								.13	.09	.20	.03	.02	.31								T.	2.71
Ravenna	do		T.	.13				T.	.50	.25	.17								T.		.02	T.	.30	1.50	.31	.06							3.24
Red Cloud	Republican		T.	T.				T.	.43	.31	.08											T.	T.	.86	.34	.04							2.06
St. Libory	Platte		T.	T.	T.			.16		1.00	.50													1.60	.70	.20							4.16
St. Paul	Loup			.14				.13	.38	.48	.20													1.44	.41	.06							3.24
Santee	Missouri		T.	.02				1.03	.14	.22	.25										.42	.03	T.	.76	.46								3.33
Schuyler	Platte			T.				.10	.35	T.	.60	T.							T.		T.		T.	.75	.27								2.07
Scottsbluff	North Platte	T.		.02	T.			.01	.03	.25	T.													.03				T.					0.34
Seward	Blue			.08	.06			.02	.27	.34	.15												1.04	.85	.23								3.04
Sidney	South Platte			.30				.06	.40	.75	.10								.02	.53		.30	.06	.27									2.79
Springfield	Platte			.04	.10				.42	.20	.40	.70									T.				1.72	.04							3.62
Springview	Niobrara			.60					.20	.30	.20									.50	.45	T.		.85								T.	3.10
Stanton	Elkhorn								.10	.15	.25	.90									.37		T.	1.45	.26								3.48
Stratton ‖	Republican			.15						.10	.20	.10									.17			.53	.10								1.35
Superior ‖	do									.55		.05												.65	.60								1.85
Syracuse	Missouri			T.				.55	.78	.59	.17										.06			.35	.61	T.	T.						3.11
Table Rock	do			.05	.02			.25	1.05	.51	.15										.07		.04	.74	.54								3.42
Tecumseh	do				.05			.44	1.35	.46	.15	.06										T.			1.55								4.06
Tekamah ‖	do		.20	.05	.10			.05	.08	.20	.80	.05													1.19	.05							2.77
University Farm	Platte			.02	.10			.13	.21	.35	.15	.01												1.05	.42								2.44
Valentine	Niobrara		.03	.19				.38	.44	.45	.02									.79	.07	.05	.16	.36									2.94
Wahoo	Platte			.15					.25	.70	.55													1.47									3.12
Wakefield	Elkhorn		.02	.02				.22	.05	.42	2.33	.04									.19		.08	1.59	.75	T.							5.71
Walthill ‖	Missouri			.25				.15	.08	.51	3.50										.18	.01	.01	.50	.41								5.60
Watertown	Platte			.36						.87	.08										.12	.01	.98	.93									3.35
Wauneta	Republican		.60						*	1.00										.25		.15	.35	.20									2.55
Weeping Water	Missouri			.12	.11			.42	.42	.26	.45	.03									.05		T.	.80	.49								3.15
Westpoint	Elkhorn			.20				.40	.11	.58	.60	T.							T.		.15		T.	2.07	.97								5.08
Wisner	do								.20	.21	1.53									.14				1.44	.60								4.12
York	Blue		T.	T.	T.			T.	.24	.07	.70												.13	.82	.46	T.							2.42
Iowa.																																	
Afton	Grand			.29	.04			.30	1.02	.25	.70	.08								T.			.02	.24	T.								2.94
Allerton	Chariton			.67	.03			.37	1.40	.10	.45	.13									.05			.20									3.40
Alton	Floyd		.01	.09				1.09	.07	.36	.80										.24		T.	1.81	.32	.12							4.91
Atlantic	Nishnabotna		.02	.53	.04			.70	.23	.44	.80	.02							.01	T.	.01		.02	.30	.17								3.29
Audubon	do			.20				.78	.20	.41	1.02	.04									.13			.34	.08								3.20
Bedford	Missouri			.31	.08			.23	.44	.20	.80	.07									.04		.02	.17	.01		T.						2.37
Centerville	Chariton			1.05	.10			.30	1.10	.05	.75	.10								.05	.08		T.	.02	T.		.01						3.61
Chariton	do			.20				.30	1.35	.47	.45	.15								T.	T.		T.										2.92
Clarinda ‖	Nodaway			.08	.04			.30	.82	.49	.72	.08										T.	.06		.31	.01							2.91
Corning	do		T.	.30				.63	.86	.68	1.03	.05									T.			.25	T.								3.80
Corydon	Chariton			.70	.09			.32	1.64	.15	.34	.13	.02						T.	.01	.08		T.	.14	.03		.03						3.68
Council Bluffs	Missouri			.10	.09			.87	.27	.52	.82	.03							T.		T.		T.	.76	.45	T.							3.91
Creston ‖	do			.02	.11			.10	.61	.36	.76	.18								T.		.04	T.		.27	.01							2.46
Cumberland	Nodaway			T.				.55	.40	.17	.63								T.					.20	.15								2.10
Denison	Missouri		.08	.27				.37	.26	.37	.98	.05											.49	.52									3.39
Elliott	Nishnabotna			.22				.64	.33	.42	.65	.06									T.	T.		.22	.18								2.72

TABLE 2.—*Daily precipitation for April, 1913. District No. 6*—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	
Iowa—Continued.																																
Greenfield	Nodaway		T.	.31	.13			.27	.42	.27	.96	.06							.04		T.			.30	.07							2.83
Harlan	Nishnabotna		T.	.22	T.			.61	.27	.54	.90	.06							T.		.05		T.	.48	.31	T.						3.44
Inwood	Big Sioux			.30				1.00	.15	1.50	1.80	.15									.11	.04	.08	1.69	.61							7.43
Lake Park	Little Sioux			T.				1.60	.20	T.	.50									T.	T.	T.	T.	1.30	.86							4.46
Lamoni	Grand			.30				.17	.33	.06	.02	T.									T.			.04	T.							0.92
Larrabee	Little Sioux																															
Le Mars	Floyd		.03	.08				.51	.06	.50	2.15										.22		T.	1.40	.55	0.01						5.51
Lenox	Missouri			T.				.25	.75	.25	.85	.05									T.			.30	.02							2.47
Leon	Grand			.75				.50	.50	.25	.75	.17									.05	T.		.25								3.22
Little Sioux	Little Sioux			.19	.07			T.	.05	.36	1.02	.06									.04			.78	.64							3.21
Logan	Missouri			.33				.33	.20	.55	1.02	.06							.03					1.15	.45							4.12
Mount Ayr	Grand		T.	.74	.05			.15	.60	.09	.90	.03									.02		T.	.20	T.		T.					2.78
Murray	do		.24	.11	.04			.27	1.65	.11	.66	.04							.04	T.	.05		T.	.40	.05							3.66
Northboro	Missouri			.02	.08			.34	.44	.60	.78	.03									.08			.18	.22							2.77
Odebolt	Little Sioux			.30	.30			.30	.28	.55	1.28										.15	.05		.60	.46							4.27
Onawa	Missouri			.10	.02			.40	.15	.45	1.70	.03								T.	.10		.04	.65	.55							4.19
Pacific Junction	do		T.	.18	.10			.73	.50	.45	.78	.04												.86	.36							4.00
Rock Rapids	Big Sioux			.19				.85	.35	.40	.61	.10								T.	.14			1.44	.56	T.						4.64
Sheldon	Floyd		T.	.14				1.19	.09	.27	.20	.02									.16	.04	.03	1.74	.46	.03						4.37
Sibley ‖	Big Sioux		.02	T.	.19			.90	.48	.57	.22	.19									.03	.19	.03	1.15	1.03	.13						5.13
Sioux Center	Floyd		T.	.22				2.60	.30	.55	.90										.20	.03	.03	1.33	.67	.12						6.95
Sioux City	Missouri		T.	.06			.01	.52	.24	1.41	2.08										.24	T.	.23	.60	.11	T.						5.50
Spencer	Little Sioux			.29				1.25	.50	.50	.70	.01									.20			.80	1.02	T.						5.27
Thurman	Missouri			.16				.66	1.45	.64	.67									T.	.08			.36	.46							4.48
Washta	Little Sioux			.20				2.85	.10	.50	1.45										.32		.10	.75	.32							6.59
Kansas.																																
Abilene ‖	Smoky Hill							.32	T.	.42	.20														.70		.04					1.68
Agricultural College	Kansas			.10				.05	.11	1.65	.20												T.	.50	.35	T.						2.96
Alton	Solomon			T.	T.			.49	.25	.11	.06	T.											.10	.60	.47	.06						2.14
Atchison	Missouri		*	2.19				.37	.93	.66	.03													.20	T.	.03						4.41
Beloit ‖	Solomon		T.		T.			.62	T.	.54	.03	T.											T.	.15	.92	.01	.02					2.29
Blakeman	Republican		.02	.06					.38	.07	.05											T.	.22	.60								1.40
Blue Rapids ‖	Blue			.08	.04			.31	.15	.47	.08	T.										.01			1.37							2.51
Centralia	do			.75	.02			.42	.75	T.	.10													.35	.43	.05						2.87
Chapman	Smoky Hill																															
Clay Center	Republican			.60				.42	.22	.55	T.													.53	.45							2.77
Colby	do		.02	.08					.51	.12	.05												.78	.76	.02	.01						2.35
Concordia	do		.01	T.			.52	.46	.53	.02	.09													.58	.15	.10						2.46
Densmore	Solomon			T.					.38	.10	.16												.10	.77	.30							1.81
Dresden ‖	Republican			.10	.05				.60	.05	.40	.20									.01		.01	1.60	.75		T.					3.77
Ellsworth	Smoky Hill			T.				.24	.25	.02	.09									.10				.53	.19	T.						1.42
Emmett	Kansas		.14				.26		.63	.22	.08													.14	.02	.22						1.71
Eskridge	Osage			1.30				.30	.39	.10	T.												T.	.18	.03	.08						2.44
Farnsworth	Smoky Hill			T.				.34	.55	T.	.01												.21	.84	.04							1.99
Fort Scott ‖	Osage			.53	.45				.78	.50	.45														.51							3.22
Frankfort	Blue							.50	.80	.27	T.													.65	.42	.03						2.67
Garnett	Osage							.08	.61	.41														.33	T.	T.						1.43
Goodland	Republican	.14		T.					.10	.62	.20									.05			.31	.89								2.31
Hanover ‖	Blue							.33	.33	.54	.06	T.												.18	.89		.10					2.43
Harrison	Republican			T.				.04	.47	.17	.04												.14	1.12	.48	T.						2.46
Hays ‖	Smoky Hill				T.			.70	T.	.35	.03	.12												.99	.59							2.78
Hill City	Solomon			T.					.85	.05	.12											T.	.37	.53	.21	.10						2.23
Holton	Kansas			.47					.74	.16	T.												T.	.07		.37						1.81
Horton ‖	do			1.27				.32	.24	.45	.20											T.		T.	.16	T.	.02					2.66
Hoxie	Solomon			T.					.40		.20											T.	.17	1.00	.16	T.						1.93
Lawrence	Kansas		.01					.44	.86	.03	.31									T.			.02	.16	T.		.01					1.84
Leavenworth	Missouri			.55					.45	1.30	.33	.35												.20								3.18
Lebanon	Solomon			T.					T.	.20	.30											T.	T.	.95	.70	T.						2.15
Leoti	Smoky Hill						.06		.48	T.												T.	.57	.62								1.73
Lincoln	Saline			T.				.62	.25	.22	.05									T.			T.	.38	.27	T.						1.79
Lindsborg ‖	Smoky Hill							.24	.30	.09														.60								1.23
McCracken	do							.74	.22	T.	.01									.15			.09	1.37	.21	.02						2.81
Minneapolis	Solomon							.75	.27	.18	.06											T.	T.	.89	.20	.08						2.43
Moran	Osage			T.				T.	.86	.40	.01												T.	.30	T.							1.57
Natoma	Saline																															
Norton	Republican			T.					.35	.20	.30												.72	.80	.21	T.						2.58
Oberlin	do		.07	.08					.46	.18	.51									.03		T.	.77	1.45	.18	T.						3.73
Oketo	Blue			.10	.01			.21	1.02	.34	.20													1.05	.44	T.						3.37
Olathe	Kansas							.83	1.35	.65	T.		.01											.22								3.06
Oskaloosa	do			.46				.39	.38	.88	.20												T.	.15								2.46
Ottawa	Osage							.10	.87		.70													.15								1.82
Phillipsburg	Solomon			T.				T.	.60	.07	.25												.08	1.40	.37	.03						2.80
Plainville	Saline			T.			.10	.30	.45	.10	.20													1.85	.50							3.50
Pleasanton	Osage								.80	.41														.31	.02							1.54
Quenemo	do							.24	1.61	T.													T.	.30	T.	T.						2.15
Republic	Republican		.01	T.	.01			.16	.45	.22	.01	.05											T.	.40	.62	.08						2.01
Russell	Smoky Hill			T.				1.14	.60	.20	.04													1.12	.59							3.69
Russell Springs	do																															
St. Francis	Republican		.01	.04							.62									T.	T.	.10		.86		T.						1.63
Salina	Smoky Hill		T.	T.	.01			.35	.31	.18	.05									T.			T.	.28	.40		.02					1.60
Scott	do						.40		.35														.35	1.09								2.19
Smith Center	Solomon			T.				.06	.59	.12	.08												.06	1.29	.55	.01						2.76
Topeka	Kansas		.99	.03				.80	.63	.05	.02												.01	.10	T.	.10						2.73
Tribune	Smoky Hill	T.		T.			T.		T.	T.	T.								T.	T.	T.	.09	.50	.75						T.		1.34
Valley Falls	Kansas		.01	.52	T.			.45	1.10	.08	.03													.16	.01	.01						2.37
Vinland	do			.04				.67	1.55	.40	.02													.20	T.	T.						2.88
Wakeeney	Smoky Hill			T.			T.	.39	.25	.05	.01												T.	1.02	.22	T.						1.94
Wallace	do		T.						.14	T.										T.	T.	T.	.44	.20								0.78
Wamego	Kansas			.15				.50	.25	.50	.16												T.	.41	.25	T.						2.22
Missouri.																																
Amoret	Osage			.04				.27	.61	.57	.05													.26	T.	T.						1.80
Appleton City	do							.42	1.15	.48			.04											.28								2.37
Arlington	Gasconade							.10	.60		1.02		.10	.25											.45	.30		0.15				2.97
Arthur	Osage			2.20				.15	.95	.65														.30		T.						4.25
Avalon	Grand			1.20				.35	1.10	.20	.90	T.									T.			.15	.08							3.98
Bagnell	Osage								1.50	.25																						
Bethany	Grand			.82				.20	.92	.16	.89													.35								3.34
Bolivar	Osage			.11				.34	.90	.25	.28													.36		.02						2.26

TABLE 2.—*Daily precipitation for April, 1913. District No. 6*—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		
***Missouri*—Con.**																																	
Boonville ‖	Missouri			1.26	.15			.02	.56	.79	.48		.08												.18								3.52
Brunswick	Grand			1.30	.23			.13	.38	.75	.50	.03	T.									.11		.12									3.55
Clinton	Osage			.25				.50	.95	.33	.10													.32									2.45
Columbia	Missouri			1.46	.02			.44	.91	.23	.11	.09	.01											.12			T.						3.39
Conception	do		T.	.56				.26	.55	.37	.41	T.									.10		T.	.15			T.						2.40
Crocker	Gasconade							.58	1.25	.02	.09		T.											.40			.18						2.52
Eldon	Osage			.94				.49	2.39	.04	.13	.01	.08											.08	.05								4.21
Eldorado Springs	do			.45				.45	1.78	.57	.27													T.	.39								3.91
Fayette	Missouri			1.49				.38	.71	.10	.35		.08											.05									3.16
Fulton	do			.43				.74	1.03	.12	.24																						2.56
Glasgow ‖	do			.58	1.42			.28	.56	.84	.72		.10												T.								4.50
Grant City	Grand			1.55	.08			.24	.95	.16	.78	.04									T.												3.80
Harrisonville ‖	Osage			.03	T.			.70	.36	.82	.38	T.	.04										T.		.21		T.						2.54
Hazelhurst	Grand		T.	1.32				.20	.98	.58	.54	T.									.15			.16		.08							4.01
Hermann ‖	Missouri			.48	.14			.02	1.76	.98	.02		.12	T.											.14	.20		.04					3.90
Houston	Gasconade			.54				.35	1.00	.70			.06						T.						.87	.43	T.						3.95
Jefferson City ‖	Missouri			.32	.05			.07	1.82	.60	.15		.07	.01											.10	.03							3.22
Kansas City	do			.04				.80	.58	.45		.01									.01			.16									2.05
Kidder ‖	Grand			.55	.05			.25	.35	.55	.43	.06										.12			.22								2.58
Lamonte	Missouri			1.60				.70	.90	.22	.15	.10	.03										T.	.15	.05								3.90
Lebanon	Osage							.33	1.28	.10			.10											.43			.20						2.44
Lexington ‖	Missouri			.90	.15			.26	.51	1.33	.40														.22								3.77
Liberty	do			1.30				.31	.20	1.10	.42	T.									T.			.13	T.		T.						3.46
Marshall	do			1.08				.33	.68	.69	.51	T.												T.	.15								3.44
Maryville ‖	do			.70	.10			.31	.53	.46	.77	.10	.02												.30	T.							3.29
Mount Vernon	Osage			.23					.93	.70	T.													.49									2.35
Nevada	do		.43					.13	1.09		.72															.36							2.73
Oregon	Missouri			.43	T.			.23			1.64										.06		.02	.18									2.56
Rolla	Gasconade			.12				.74	1.44				.10												.45	.33	.15						3.33
St. Charles	Missouri			T.	.50			.15	2.35	.10			.12	.01												.26	.20						3.69
St. Joseph	do		1.63	.62	.01			.44	.53	.78	.22	T.											T.	.18	T.								4.41
St. Louis (1)	Mississippi			.22	T.			.24	2.41	.05	.01	T.	.07	.01										.03	.19	.34	T.						3.57
St. Louis (2)	do			.25	.01			.25	2.64	.04	.02	T.	.08	.02										.01	.19	.24	T.						3.75
Sublett	Chariton																																------
Tarkio	Missouri			.10	.08		.30		.58	.95	.47													.41	.18								3.07
Trenton	Grand		1.10	.03			.26	.26	.50	1.12	.09	T.									.20		.02	.18		.02	T.						3.78
Unionville ‖	Chariton			1.60	.14	T.		.14	1.10	.80	.60	.20	T.									.03			.04								4.65
Warrensburg	Missouri			.50	T.			.50	.68	.99	.28	T.	.04											.21	.04								3.24
Warrenton ‖	do			.95	.10			T.	1.82	.94	.02	.01	.14												.15	.11							4.24
Warsaw	Osage			.89				.71	1.82	.17	.20	.01												.38	.07								4.25
Wheatland	do			1.20				.60	2.05	.20	.10	.05	.30												.20								4.70

* 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 April, 1913. District No. 6, Missouri Valley.*

Date.	Wyoming.																Montana.											
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewistown.§§		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	62	32	66	36	69	32	59	36	53	28	52	36	46	31	49	23	40	33	36	24	40	30	38	29	34	31	51	26
2....	46	26	41	25	60	33	43	24	44	30	52	25	33	24	30	19	35	30	38	22	43	22	38	28	35	20	48	22
3....	42	23	32	21	46	16	37	18	43	28	37	20	41	17	36	19	47	22	39	12	46	22	44	22	41	14	48	20
4....	48	22	51	24	61	20	51	17	54	22	48	28	54	24	42	29	58	24	40	20	53	24	52	28	49	17	57	21
5....	64	24	63	32	70	26	65	30	66	31	56	37	67	31	52	34	68	28	42	18	56	34	61	37	62	30	67	30
6....	38	24	63	31	51	32	52	28	60	38	56	34	42	33	37	24	48	38	40	22	52	34	45	35	47	34	62	35
7....	39	23	37	27	55	34	39	26	48	32	37	27	48	30	40	19	57	27	43	18	50	26	47	26	49	22	55	25
8....	49	26	30	23	40	34	43	26	46	32	35	28	49	31	42	18	57	25	42	20	56	20	52	27	52	25	56	28
9....	66	28	31	22	42	29	45	24	38	26	40	22	47	29	46	17	55	25	42	25	58	22	56	27	54	24	58	22
10....	68	28	41	19	54	25	55	29	50	26	43	20	55	23	55	20	67	23	45	30	67	32	67	32	60	27	63	29
11....	70	30	56	24	69	16	65	27	64	22	59	25	68	27	57	29	77	33	47	31	73	35	70	34	70	30	74	25
12....	76	32	63	29	74	22	70	30	72	34	64	27	72	29	63	29	79	30	48	33	79	29	74	36	73	32	80	35
13....	76	34	67	31	75	26	73	32	75	40	66	29	78	30	64	30	82	30	50	33	83	31	75	39	79	29	84	32
14....	80	36	70	32	85	29	73	32	80	44	69	32	77	32	67	30	86	32	54	34	83	40	76	43	81	34	84	33
15....	74	34	71	35	86	34	56	38	80	44	66	41	73	37	44	31	64	37	49	30	76	45	54	43	67	44	84	35
16....	76	38	68	36	70	40	68	38	70	36	63	37	70	39	50	31	70	46	44	32	53	37	59	42	48	43	80	49
17....	78	38	62	38	70	42	67	32	68	36	69	34	66	30	61	29	71	28	42	33	63	32	65	35	62	27	67	27
18....	80	40	51	39	49	40	47	36	62	48	63	42	57	36	57	29	69	42	40	33	64	35	67	36	61	32	68	35
19....	79	39	44	35	56	40	57	34	48	40	58	36	70	44	41	35	73	40	55	36	72	39	59	43	68	40	71	39
20....	80	40	64	32	75	32	64	31	68	38	64	36	67	37	52	32	73	47	54	33	69	46	64	42	61	30	73	36
21....	75	36	62	37	63	34	68	33	72	38	68	32	75	33	58	30	78	30	49	30	73	35	67	37	72	32	78	35
22....	70	32	61	30	70	36	55	24	68	40	61	41	58	31	42	21	49	39	46	28	45	32	39	30	44	33	76	39
23....	60	23	36	24	60	32	41	24	44	30	46	21	43	29	38	19	52	26	50	31	52	32	46	30	47	26	53	30
24....	54	21	43	23	52	19	49	24	48	26	45	25	49	31	40	23	59	24	53	32	54	34	50	36	49	27	62	29
25....	60	26	48	27	57	30	56	32	50	28	53	22	55	30	48	23	63	30	57	34	57	28	59	34	56	30	59	22
26....	68	28	63	35	75	22	69	32	68	38	66	37	73	28	62	34	80	29	54	35	74	34	69	41	68	32	74	30
27....	67	34	69	39	84	28	72	51	80	45	69	45	80	44	63	39	84	35	50	35	71	40	66	42	75	32	77	37
28....	70	36	72	36	85	32	72	40	84	52	69	49	71	40	56	38	64	46	49	33	52	39	51	36	47	36	75	44
29....	76	40	73	39	83	30	72	49	81	50	68	41	65	37	58	28	58	38	41	32	41	32	38	24	38	32	56	37
30....	70	34	70	36	67	35	60	33	70	40	61	38	41	32	41	25	46	34	40	31	36	24	39	24	34	25	42	30
Mns..	65.4	30.9	55.6	30.6	65.1	30.0	58.1	31.0	61.8	35.4	56.8	32.2	59.7	31.6	49.7	26.9	63.6	32.4	46.0	28.7	60.0	32.2	56.2	33.9	56.1	29.7	66.1	31.2

Date.	Montana.				North Dakota.										South Dakota.													
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		Jamestown.§§		Williston.		Aberdeen.§§		Ellingson.		Huron.		Kadoka.		Kimball.		Pierre.		Rapid City.	
	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....	48	36	48	28	48	26	50	26	44	27	57	27	49	31	62	26	.....	.....	57	32	50	30	60	34	58	33	57	32
2....	39	32	39	30	42	31	41	32	37	32	57	35	45	27	42	36	.....	.....	55	35	53	33	58	37	49	36	43	31
3....	48	26	50	19	48	23	46	27	42	22	56	33	48	20	44	34	35	22	43	33	44	30	45	33	47	36	38	26
4....	57	30	58	22	52	22	53	22	52	23	56	24	54	30	58	30	54	25	53	23	57	23	63	32	56	25	54	24
5....	66	32	60	25	59	23	62	28	62	25	56	25	57	25	68	22	62	28	62	27	68	32	65	37	65	31	68	36
6....	50	40	52	34	54	36	58	40	52	37	57	32	45	38	60	24	52	38	57	38	68	31	60	35	60	40	58	37
7....	56	35	59	29	47	31	40	30	46	32	34	32	52	33	34	33	52	32	44	32	50	36	53	33	47	35	47	33
8....	57	32	53	25	43	31	36	30	45	29	34	32	50	32	36	30	43	31	36	31	38	30	34	30	36	32	42	28
9....	50	30	55	22	41	27	38	31	35	28	36	30	46	27	34	30	32	28	33	30	31	27	32	30	32	31	32	27
10....	58	26	60	20	62	22	51	29	49	25	43	30	54	20	48	30	49	28	39	31	38	27	35	30	41	31	42	27
11....	72	32	76	28	78	34	58	25	61	26	55	28	66	34	60	30	59	26	52	28	47	22	50	30	53	29	57	26
12....	79	40	83	30	80	30	73	32	76	30	66	30	76	35	68	26	73	31	59	29	69	25	61	32	62	30	68	28
13....	83	40	85	33	86	41	77	34	77	34	74	34	80	34	80	32	75	33	73	28	52	32	72	31	73	32	72	42
14....	85	46	91	34	89	31	86	43	83	37	81	31	87	46	86	36	84	41	78	36	.....	.....	80	40	82	41	82	40
15....	84	42	88	38	73	42	88	39	86	35	86	31	86	46	91	36	87	39	84	39	87	42	84	40	85	50	84	44
16....	57	50	68	42	65	38	70	43	75	36	75	41	62	38	92	37	65	39	80	41	77	43	80	45	78	47	75	44
17....	66	38	68	34	.....	.....	69	44	64	38	69	45	62	38	78	42	67	37	74	44	70	41	73	43	72	48	65	45
18....	68	37	70	28	68	29	66	34	67	24	63	38	65	26	70	38	63	26	63	38	60	40	63	41	64	43	56	45
19....	72	52	64	35	.....	.....	66	37	64	32	66	34	62	42	72	32	63	39	61	38	55	42	55	40	56	48	52	43
20....	69	47	71	43	58	44	64	43	67	42	59	38	63	46	68	35	72	41	60	44	75	42	67	41	69	45	73	39
21....	82	46	80	39	78	33	80	41	79	35	79	39	79	42	85	42	80	40	83	43	82	44	84	43	82	49	77	46
22....	52	47	71	47	78	46	65	45	72	44	72	41	54	40	84	45	67	40	85	52	74	48	83	49	75	45	64	34
23....	53	34	58	30	53	37	55	38	51	34	57	41	53	32	65	40	54	34	59	40	57	33	71	38	54	41	46	36
24....	55	28	58	19	58	22	56	31	55	21	76	33	55	27	65	38	57	21	55	36	56	30	55	38	57	38	52	33
25....	57	32	53	23	50	25	44	24	49	25	42	27	44	24	56	28	53	28	58	31	57	34	59	31	57	38	52	34
26....	76	37	73	25	57	13	52	20	60	17	39	21	59	15	55	21	62	28	53	23	67	35	59	28	57	32	64	38
27....	86	47	84	40	75	35	70	32	75	37	63	22	79	42	70	25	78	36	63	28	80	40	66	30	71	39	81	36
28....	67	52	73	44	79	47	82	46	76	47	76	28	70	43	78	41	81	49	72	40	86	49	76	40	82	48	82	49
29....	69	48	65	40	83	43	86	53	83	43	83	44	66	41	85	42	87	40	81	46	89	52	81	44	86	54	85	49
30....	50	37	49	35	57	36	65	40	75	35	72	52	41	35	80	54	67	34	85	47	71	46	80	59	73	44	63	38
Mns..	63.7	38.4	65.4	31.4	62.9[b]	32.1[b]	61.6	34.6	62.0	31.7	61.3	33.3	60.3	33.6	65.8	33.8	63.3[b]	33.4[b]	61.9	35.4	62.3[a]	35.8[a]	63.5	37.1	62.6	39.0	61.0	36.3

TABLE 3.—*Maximum and minimum temperatures at selected stations for April, 1913. District No. 6*—Continued.

Date.	South Dakota.						Colorado.				Nebraska.																	
	Sioux Falls.§§		Watertown.§§		Yankton.		Denver.		Wray.		Alma.		Bridgeport.		Grand Island.§§		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	62	27	52	25	63	31	77	44	82	30	83	33	72	30	78	37	63	29	80	44	76	43	78	35	71	29	71	46
2....	64	33	45	23	63	41	66	26	74	44	81	48	64	34	76	52	60	32	85	60	78	51	67	37	63	41	79	50
3....	48	32	38	32	41	33	33	25	59	30	70	34	40	28	40	36	37	27	76	37	51	36	37	30	41	31	50	36
4....	54	30	52	24	51	30	59	24	62	18	63	21	61	19	58	28	56	17	58	31	55	33	59	23	51	28	53	37
5....	63	25	58	24	61	32	74	37	75	29	78	25	75	25	70	34	67	27	77	36	70	39	75	32	64	27	65	38
6....	58	34	50	30	58	39	71	37	81	35	85	45	69	35	79	42	67	38	85	43	72	43	78	40	65	38	66	42
7....	35	35	32	32	45	34	40	32	70	40	60	40	52	33	57	53	48	33	79	41	57	35	56	42	48	33	51	35
8....	36	31	32	28	36	32	32	25	52	30	46	32	40	31	38	33	45	27	42	35	40	35	42	30	35	32	38	36
9....	34	30	31	29	34	31	36	24	31	26	36	30	32	27	36	32	30	24	39	36	41	33	32	27	34	32	42	36
10....	35	29	37	28	36	30	40	22	37	25	34	30	38	25	35	28	33	24	36	31	35	32	34	27	33	29	34	32
11....	44	28	48	26	46	30	62	26	55	21	50	31	53	18	48	31	51	15	51	32	50	33	49	22	44	30	46	34
12....	58	25	56	25	49	26	65	36	66	22	57	24	65	24	53	28	65	23	52	29	55	30	57	25	51	25	53	32
13....	68	27	72	28	63	32	70	36	72	27	72	25	74	26	68	41	70	28	67	28	66	30	73	30	64	27	64	35
14....	73	34	75	35	72	34	77	41	76	36	76	29	77	31	75	36	75	31	75	33	74	37	75	32	72	30	72	42
15....	78	38	81	33	78	49	77	47	84	30	84	35	82	36	81	41	79	32	82	42	81	47	80	34	79	43	77	51
16....	82	34	75	40	83	50	75	45	80	35	84	37	78	33	82	45	75	29	82	48	83	49	80	39	83	42	83	54
17....	74	43	72	42	74	51	65	42	75	37	82	36	72	35	77	46	70	33	82	49	80	53	75	45	76	43	76	57
18....	62	41	62	37	62	44	52	42	74	48	72	52	68	43	61	51	63	42	73	50	68	47	60	47	56	44	66	52
19....	58	32	64	30	59	40	53	43	74	43	68	44	60	42	68	47	53	39	72	47	69	44	67	43	66	40	67	46
20....	58	40	58	33	63	45	68	38	79	41	85	49	71	37	81	50	70	36	73	47	66	49	81	46	70	46	62	50
21....	82	42	80	41	82	50	70	46	75	41	79	44	71	38	81	49	72	38	82	52	82	51	76	50	82	50	81	48
22....	83	47	82	43	82	57	66	38	70	46	70	43	74	34	80	59	74	39	82	63	82	65	76	46	83	50	80	67
23....	48	47	48	42	58	40	41	29	57	31	60	35	45	34	44	42	52	31	66	43	70	41	46	34	50	38	70	43
24....	47	37	46	37	49	39	50	26	56	32	53	35	52	25	55	36	50	28	55	37	52	39	55	38	53	36	48	38
25....	58	32	56	32	56	35	51	30	57	31	51	31	54	28	59	35	50	29	58	34	60	37	54	30	57	33	62	40
26....	55	28	48	25	58	32	70	34	72	31	70	31	73	30	69	35	69	29	68	32	64	36	70	32	61	30	62	38
27....	62	28	60	26	60	32	76	45	82	37	72	38	81	37	65	47	82	37	68	39	63	37	75	39	63	34	61	40
28....	68	35	69	34	68	42	80	47	80	41	72	39	72	43	69	39	78	42	71	38	69	38	73	43	69	39	68	42
29....	78	38	77	40	76	49	78	49	88	38	87	46	83	43	80	45	83	41	83	44	79	47	86	47	79	44	76	48
30....	87	46	87	42	86	60	79	46	87	33	87	56	77	38	81	54	76	41	86	53	87	57	89	58	86	54	86	58
Mns..	60.4	34.3	58.1	32.2	60.4	39.0	61.8	36.1	69.4	33.3	68.9	36.6	64.2	32.1	64.8	41.1	62.1	31.4	69.5	41.1	65.8	41.6	65.2	36.8	61.6	36.6	63.6	43.4

Date.	Valentine, Nebr.		Iowa.						Kansas.										Missouri.							
			Clarinda.§§		Sibley.§§		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville.§§	
	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.....	64	28	71	35	56	29	65	35	81	37	81	43	84	34	77	45	84	41	72	41	74	49	69	50	68	36
2.....	49	33	81	39	73	31	70	42	81	46	86	57	91	52	82	54	85	48	79	58	76	61	83	54	74	40
3.....	40	30	47	44	37	34	42	34	73	32	57	38	65	41	70	40	69	36	72	43	74	40	72	55	58	55
4.....	51	21	54	32	51	31	51	33	63	21	59	32	61	32	55	39	65	24	50	38	52	39	55	41	48	34
5.....	69	28	66	28	58	28	60	31	78	32	80	34	80	35	75	37	80	21	65	33	74	40	61	40	60	32
6.....	66	39	65	33	53	31	58	38	86	47	80	52	82	51	77	48	86	53	69	44	74	48	62	47	58	36
7.....	44	36	44	42	34	33	45	33	78	43	74	37	76	59	67	48	69	44	53	42	65	45	50	42	46	41
8.....	36	28	40	33	33	31	36	33	54	31	43	37	60	39	54	43	52	25	46	43	46	41	46	41	45	34
9.....	29	27	45	33	36	31	35	32	34	27	41	36	46	39	48	42	36	31	65	45	52	42	65	46	50	36
10.....	35	27	39	33	34	30	32	31	34	26	36	32	41	32	42	35	35	28	48	39	44	36	58	43	45	38
11.....	46	22	47	33	41	26	42	32	54	26	53	34	57	33	52	36	51	32	41	37	47	36	45	40	40	34
12.....	58	23	54	31	53	26	46	25	63	24	58	30	59	29	53	34	61	26	43	37	49	38	43	38	50	33
13.....	71	31	63	31	63	27	56	21	73	28	67	32	69	25	62	35	72	31	57	35	60	39	50	38	58	30
14.....	77	38	72	32	72	32	68	30	73	32	76	36	76	33	72	41	76	36	68	37	69	44	65	43	60	34
15.....	82	44	77	33	77	33	77	46	86	32	83	44	84	40	78	46	86	38	72	41	76	54	63	42	71	40
16.....	79	38	82	41	78	40	80	51	83	45	86	50	87	54	81	52	85	45	77	46	79	54	72	50	75	42
17.....	69	38	83	45	73	42	73	51	80	40	84	50	88	45	85	55	86	48	84	53	84	62	84	57	80	46
18.....	57	45	72	47	62	39	61	46	71	49	74	52	.....	.....	77	55	70	47	79	55	75	54	79	61	74	52
19.....	54	42	68	40	59	35	60	39	73	40	72	50	78	51	69	51	80	43	66	50	68	50	65	52	66	40
20.....	75	45	61	41	52	41	57	46	82	47	83	51	87	51	72	51	83	43	63	48	66	51	62	47	56	41
21.....	79	49	82	44	80	43	81	47	78	46	81	55	84	53	81	53	75	52	81	48	81	53	75	45	73	44
22.....	80	38	82	45	81	45	82	60	74	54	81	64	85	62	77	65	75	56	82	62	78	66	83	60	76	50
23.....	47	33	68	62	59	57	66	40	56	33	67	40	72	45	70	56	65	32	80	57	72	56	77	61	75	58
24.....	54	35	64	47	44	39	48	38	54	33	56	37	57	42	57	40	54	34	60	50	57	44	74	52	52	50
25.....	53	31	65	31	60	30	59	35	54	33	59	37	60	34	63	37	55	33	60	44	64	43	52	46	61	34
26.....	64	34	65	31	52	29	56	33	73	33	69	34	68	32	65	41	73	33	64	41	64	46	61	45	60	36
27.....	73	40	60	35	57	29	59	33	81	39	69	41	74	45	65	44	82	44	57	42	59	46	53	45	56	30
28.....	75	45	70	31	68	32	66	41	78	41	72	39	75	41	68	40	76	40	66	35	66	43	64	45	62	31
29.....	83	50	75	34	75	36	74	45	87	45	85	42	88	49	79	45	88	45	73	40	74	50	70	47	73	35
30.....	70	42	87	42	85	43	85	55	89	57	86	57	90	51	86	57	87	58	84	53	85	57	77	57	83	42
Mns.....	61.0	35.3	65.0	37.6	58.5	34.4	59.7	38.5	70.8	37.3	69.9	42.4	73.4*	42.3*	68.6	45.5	71.4	38.9	65.9	44.6	66.8	47.6	64.5	47.7	61.8	39.5

*, 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.