CLIMATOLOGICAL DATA FOR JUNE, 1911.

DISTRICT NO. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

In most of the district dry, hot weather prevailed, and in that portion lying in South Dakota, Nebraska, Kansas, Iowa, and Missouri the temperatures were unusually high, and the precipitation was as light as has ever been recorded in June. At the close of the month agricultural and stock raising interests in practically all of the country to the east of the foothills of the Rocky Mountains were being deleteriously affected by the extreme heat and lack of rain. In much of this territory the rainfall has been deficient throughout the growing season, the subsoil is very dry, and the moisture received by the surface stratum during June soon evaporated under the influence of intense sunshine, high temperatures, and a rather high movement of dry winds. The small streams in the territory lying at a lower elevation than 2,000 feet are very low, and some of them have gone dry. In South Dakota there is a scarcity of water for stock. Pasturage is short everywhere to the east of the foothills. There were several hailstorms in Montana and Wyoming, but in the remainder of the drainage area the month was free from severe local storms, a natural sequence of the deficient rainfall.

TEMPERATURE.

At the headwaters of the various rivers tributary to the Missouri the mean temperature for the month was either normal or not markedly higher than the seasonal average, but in the remainder of the district unusually warm weather prevailed, and in South Dakota, Nebraska, Kansas, Missouri, and western Iowa the mean was higher than in any other June since state-wide observations have been made. As a rule, the last 15 days were the hottest, but during the first 15 there were few days with a mean temperature below the normal, and there were several days with abnormally high temperatures. In no areas of any considerable extent were there well-marked periods of cool weather or of temperatures that were especially higher than at one or more other times during the month. However, in most of Kansas the 25th was the hottest day, and in parts of Nebraska and western Iowa the 29th was the hottest. To the east of the foothill country there were comparatively few stations that had maximum temperatures of less than 100°. The highest temperature recorded was 116° at Clay Center, Kans., on the 25th.

PRECIPITATION.

In Montana, the mountain country of Wyoming and Colorado, and in southwestern North Dakota there were localities that had more than the normal precipitation, but in the remainder of the district there was a decided deficiency, that was most pronounced from South Dakota southward and southeastward. In this region of especially deficient precipitation the month just ended was the driest of all the Junes in which the observations were sufficiently extensive to render the conditions comparable. Large areas in Missouri and Kansas had less than 20 per cent of the normal rainfall, restricted localities had even less, and individual stations, confined to no particular section, had mere sprinkles. Progressing in a northerly and westerly direction the deficiency decreased, but in all the country east of the foothills it was unusually great. In Colorado and Wyoming most of the rain occurred during the latter half of the month, and in eastern Nebraska and western Iowa light showers were fairly general from the 14th to the 17th. In the remainder of the district the showers were very widely scattered, both geographically and through the month.

RIVERS.

The rivers continued exceptionally low. The Mississippi at St. Louis was lower than ever before recorded in June, and the highest stage for the month (10.5 feet) was lower than the lowest readings for 45 of the last 50 years.

The following remarks, taken from the reports of the section directors of the various States that lie entirely or partly in the Missouri River drainage area, are considered of especial interest in view of the dry weather that has prevailed over a large part of the drainage area:

Montana.—The precipitation was quite irregularly distributed, but generally was in excess of the normal. In a few localities there was a marked excess, while in others there was a decided deficiency. The monthly totals as a rule were lightest in the eastern counties, but comparatively few stations had less than 2 inches and many of the mountain stations had more than 4 inches. June has been wetter 7 times in the last 17 years, and the average for the driest June of this period was about 1 inch in 1900; the average of June of this year was 2.65 inches, or 0.24 inch above the normal. The rains were well distributed through the month and most of the moisture was absorbed by the soil. Hail storms occurred in various localities, but most of them were light and did little damage. The severest reported was in northern Yellowstone County, near Lavina. Its path was about 1 mile wide; within it growing wheat was destroyed and sheep were killed by hailstones, many of which were as large as hen's eggs.

Wyoming.—Dry weather prevailed during the first two weeks; general rains occurred on the 14th and 15th, filling the streams and restoring vegetation to normal condition. Hail occurred at a number of stations on the 8th, 9th, 22d, and 23d.

Colorado.—Droughty conditions prevailed during the greater portion of the month, and there was little rain before the 15th. Scattered showers occurred during the latter half of the month, and the greater part of the monthly precipitation occurred from the 15th to the 17th, inclusive. The monthly amounts were considerably less than the normal, except at some of the extreme western stations.

North Dakota.—The average precipitation was 2.81 inches, or 0.84 inch below the normal. Although the rains were fairly well distributed geographically and through the month, some localities were in great need of moisture at the close of the month.

South Dakota.—Over the western portion of the State showers were insufficient and drought of a varying degree of severity prevailed most of the time, resulting in short pasturage, scarcity of water for live stock

except in the Black Hills, a poor outlook for hay, and serious damage to small grains and other crops. The shipping of live stock from that section of the State has been excessive for the season. Many new settlers on land between the Missouri River and the eastern border of the Black Hills have been forced to move out. In parts of that section some of the seeds sown did not come up, owing to dry soil, and in places there was little new pasturage until near the middle of June. There were, of course, some localities that were favored with good showers and severe damage was averted. The eastern portion of the State fared somewhat better in the matter of rainfall, but there also insufficient moisture, with excessive heat and sunshine, caused serious damage to small grains and grasses in most counties, although there were limited localities where opportune rains prevented serious damage. In this section corn did well; it made unusual progress for the season on account of the warm nights. The grass crop, however, is short and under the most favorable conditions from now till the close of the season its yield can hardly be other than deficient. Owing to drought, and in some cases to lightning, fires were numerous in the Black Hills, and tree seeds sown on 1,000 acres in the national forest have not germinated properly. In all portions of the State conditions resulting from insufficient rainfall and excessive heat have been intensified by the dry state of the subsoil at the beginning of the season.

Nebraska.—June, 1911, was the warmest and driest recorded since 1876. The records in the State extend back to 1849, but previous to 1876 the number of stations was small. The 8 stations with a record in 1870 and the 3 in 1857 and 1859 indicate that the rainfall in those three years was as light, or probably lighter, in June than in the month just passed. The deficiency in rainfall was greatest in the southeastern section, as it averaged less than one-sixth of the normal and for considerable areas the total fall for the month was about half an inch. In parts of the central and northeastern sections the rainfall was normal, or slightly more than normal; this also was the case in the North Platte Valley. The cloudiness was much less than the average for the season. The mean for the entire State was 20 clear days, 9 partly cloudy, and 1 cloudy, a remarkable record for June in Nebraska.

Kansas.—The maximum temperatures were above 100° at every station. They were 110° or more in the Smoky Hill Valley from Gove County eastward, in the Solomon Valley from Osborne south, in the Republican Valley from Republic County south, and in the Blue Valley. In the Kansas Valley they ranged from 112° at the mouth of the Republican to 100° at Kansas City, Mo. The precipitation was below normal at all stations. The average number of rainy days was 3, the smallest number on record. No April, May, June, July, August, or September since records began has been as dry as June, 1911. Hot winds occurred on several days.

Iowa.—June is usually a wet and cool month in this section, but this year the temperatures were abnormally high and the rainfall was exceptionally light, except at a few stations in the extreme northern part of the State, where moderately heavy showers occurred on the night of the 25th. However, there was only one station that received an excess of moisture. The showers were light, widely scattered, and occurred at long intervals, except between the 14th and 17th, when they were quite general, but even then the amounts were small at most stations. The temperatures were high most of the time. The intense sunshine, and long-continued drought and the excessively high temperatures were damaging to all late crops except corn, and that was injured to some extent where the drought was most severe.

Missouri.—The month was the warmest and driest June of which we have a record. Both the heat and the dry weather began early in May, and high temperatures were continuous, save a few short interruptions. The areas in which the period of dry weather was broken by beneficial showers were scattered and limited in extent. At the close of the month pastures were as dry and brown as in late summer, and most crops had suffered. All streams were low and some were completely dry. In the southwestern part of the State it was reported that many wells had gone dry, and some of them were reported never to have failed before in the last 40 years or more.

THE EROSION OF SIOUX POINT, SOUTH DAKOTA.

By G. W. McDowall, Local Forecaster, United States Weather Bureau.

Within the past few years the Missouri River has encroached rapidly upon the South Dakota shore line for a distance of 3,000 yards above the junction of the Missouri and Big Sioux Rivers. Little attention was paid to the cutting till 1909, as no immediate loss was threatened except that of pasture and cultivable land. About that time it was feared that, unless checked, it might soon devour all of Sioux Point and reaching across the present bed of the Big Sioux destroy the Iowa shore as far back as the bluffs. This would include the fair grounds and boat-club properties as well as the electric and C., M. & St. P. Railway tracks, and cause the inundation of lowlands on both sides of the Big Sioux for one-half mile upstream.

In 1910 an appropriation of $32,500 was granted by the Government for the purpose of shore protection along this bank on condition that an equal amount be raised by local subscription. The money was not raised, as it was thought the channel would automatically shift southward, but cutting continued at such a rapid rate that conditions became critical during the spring of 1911, and the conclusion was unavoidable that immediate action was necessary to save the threatened properties. A delegation was sent to Washington in June, and an increased appropriation was secured, leaving but $16,000 to be raised locally. About $11,000 of this has been pledged and the remainder is in sight. It is intended to protect the shore by riprapping from Gumbo Point to Sioux Point, a distance of about 3,500 yards. A woven mat, 75 to 80 feet wide, will be used, one side being ballasted with rock and sunk in the stream, the other reaching up over the bank. The bank will then be rock paved over its entire face. About 1,500 yards from Sioux Point a dike will be built to deflect the current. Requisition has been made for the necessary materials and these are being gathered as rapidly as possible. Plans are under way to commence construction within a few days and the completion of the work is expected this summer.

The soil of the threatened bank is of gumbo and sand composition and offers little resistance to the encroaching stream. Nearer the junction of the streams the shore is heavily wooded and the work of the river has been materially hindered by the tree roots. The bank rises almost 15 feet above the present surface of the water till within 300 yards of Sioux Point, whence it is little more than 3 feet above the stream. A river stage of 14 feet would submerge this lowland and it would be swept away almost at once. Another source of danger is the old river bed paralleling the shore line for several hundred yards and only distant therefrom a few rods. Upon the first breach in this wall the water will pour through the old channel and it will be too late to save Sioux Point.

FLOODS OF THE UPPER MISSOURI RIVER.

By C. D. Reed, Local Forecaster, United States Weather Bureau.

Little has been published on the subject of flood conditions and fluctuations of river stages in the upper Missouri River. It is therefore hoped that this short article, treating of some phases of the subject, may be interesting to those who are now trying to revive navigation, to those who are engaged in bank protection and other works of construction along the stream, and to the many farmers who venture to till the broad acres of unusually fertile land subject to occasional overflow that lie adjacent to the river through several States.

The conclusions reached proceed from 10 years' study of the stream, during a considerable portion of which the writer was in charge of the river and flood service of the Weather Bureau on the Missouri River and tributaries at and above Sioux City, Iowa. The scope of the paper will therefore be confined to that portion of the river.

The drainage area of the Missouri River above Sioux City includes four-fifths of Montana, considerable territory in the Provinces of Alberta and Saskatchewan in

TABLE 1.—*Climatological data for June, 1911. District No. 6, Missouri Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observer.
				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.		
Wyoming.																				
Arapahoe	Fremont		2								1.53		0.53	0	6	8	21	1	e.	A. E. Deitz.
Barnum	Johnson	5,500	6								1.25		0.53	0	4	19	10	1	w.	Thos. Freeguard.
Basin	Bighorn	3,862	12	68.4	+ 1.3	95	12	38	26	47	0.34	− 0.70	0.34	0	1	23	4	3	nw.	O. J. Robertson.
Bennett	Carbon		2																	Chas. C. Young.
Big Creek Station	do	7,500		55.5[b]	0	81	12	31	10	42[b]	1.54		0.83	0	6	1[b]	14[b]	7[b]	sw.	U. S. Forest Service.
Burns	Laramie		2	69.2		92	29	48	9	36	2.95		2.01	0	3	12	5	13	nw.	Alex. Hastie.
Casper	Natrona	5,101	2	68.6		96	22	41	9†	48	1.15		0.60	0	3	11	9	10	sw.	M. C. Cook.
Centennial	Albany	8,074	8	56.6		81	12	31	10	38	2.43		1.02	0	8	7	7	16	w.	Louis A. Gregory.
Cheyenne	Laramie	6,088	40	64.6	+ 3.1	87	28	43	11	39	1.64	+ 0.07	0.78	0	8	7	19	4	nw.	U. S. Weather Bureau.
Chugwater	do	5,282	10	65.6	+ 5.5	90	28	37	11	48	1.14	− 1.13	0.75	0	4	21	7	2	sw.	A. H. Woolever.
Clark	Park	4,320	5	67.2		89	12	40	5	36	0.33		0.10	0	6	13	11	6	w.	Chas. A. C. Snow.
Cody	do	5,000	4	65.4[a]		96	12	38	5	43[a]						4[a]	12[a]	7[a]	w.	C. W. Dibble.
Crazy Creek	do	6,828		50.0		78	12	25	25	45	2.98		1.20	0	15	16	7	7	w.	Jas. Smith.
Dome Lake	Sheridan	8,821	3	50.4		70	13	32	3†	24	2.50		1.00	0	4	10	14	6	sw.	Abe Mills.
Douglas	Converse	4,793	2	68.5		93	12†	44	4	45	2.30		1.84	0	3					Henry C. Miller.
Dubois	Fremont	6,909	4	55.8		82	12†	35	2†	39	3.35		0.85	0	9	8	16	6	w.	Dr. F. H. Welty.
Eatons ranch	Sheridan	4,600	6	66.3		97	4	38	5	42	1.30		0.75	0	5	19	10	1	n.	F. A. Eaton.
Echeta	Crook	4,200	2																	M. R. Hunter.
Elk Mountain	Carbon		6								2.72		1.16	0	9					Wm. Richardson.
Encampment	do	7,322	2	59.3[c]		81	12†	35	11	41[c]	1.26		0.64	0	11	10[c]	13[c]	4[c]	sw.	U. S. Forest Service.
Ervay	Natrona	6,400	2																	Frank Jameson.
Fort Laramie	Laramie	4,270	33	70.4		99	7	40	12	52	1.00		1.30	0	3	22	8	0	w.	John Hunton.
Fox Park	Albany	9,015	1	49.1		72	12	22	23	45	2.07		0.85	0	7					U. S. Forest Service.
Germania	Bighorn	4,312		67.8		92	11	42	5	45	0.36		0.15	0	5	18	11	1	nw.	L. E. Watson.
Gillette	Crook	4,546	5	67.2		94	29	40	9	34	0.72		0.56	0	5	17	10	3		S. D. Perry.
Horse Creek	Fremont			52.0		71	18			39	3.87		0.89	0	11	11	13	6	w.	U. S. Forest Service.
Hunters Station	Johnson	8,000	5	53.4		75	12†	32	6	36	3.44		1.04	0	9	14	5	11	w.	Do.
Hyattville	Bighorn	4,632	12	69.2	+ 5.6	96	12	42	6	43				0		17	7	6		Wm. Booth.
Jireh	Converse	5,050	1								1.14		0.81	0	5	13	16	1	sw.	P. L. Ford.
Kirtley	do		7	67.6		90	7†	39	12†	48	1.54	− 0.95	1.24	0	5	23	5	2	s.	D. M. Zum Brunnen.
Knowles	Crook	4,500	2								0.97		0.53	0	4					Geo. A. Knowles.
Lagrange	Laramie	4,510	1								1.63		1.32	0	6	24	5	1	sw.	Owen Shupp.
Lander	Fremont	5,372	19	62.2	+ 0.9	90	12	36	10	42	2.04	+ 0.93	1.56	0	6	13	15	2	sw.	U. S. Weather Bureau.
Laramie	Albany	7,188	20	59.6	+ 3.3	83	12	35	3	41	1.26	+ 0.13	0.84	0	9	25	4	1	se.	University of Wyoming.
Leo	do	6,878	10																	C. A. Cowdin.
Lolabama ranch	Park	7,052	7	47.1		82	16	14	24	50				0		18	12	0	w.	Mary E. Painter.
Lovell	Bighorn	3,825	6	67.4		93	12	41	5	43	0.37		0.14	0	5	10	16	4	w.	R. Fred Harrison.
Lusk	Converse	5,007	21	66.8	+ 5.2	90	12†	38	11	46	0.96	− 1.55	0.96	0	1					D. E. Goddard.
Manville	do	5,050	1								2.17		1.61	0	5	20	10	0	nw.	C. A. Sherman.
Moore	Albany	6,000	10	62.2	+ 3.2	88	12	32	2	51	1.79	− 0.25	0.91	0	7	4	20	6	w.	Edwin Moore.
Newcastle	Weston	4,319	4	71.4		95	29	44	27	41	0.58		0.42	0	3	17	13	0	s.	Dr. S. W. Johnson.
Pathfinder	Natrona	5,735	5	65.7		91	12	39	2	42	0.73		0.31	0	7	12	15	3	sw.	U. S. Reclamation Service.
Phillips	Laramie	4,900	8																	Mrs. Arthur Rugg.
Pine Bluff	do	5,038	9								3.12		1.13	0	6					C. L. Beatty.
Powell	Park	4,376	4	66.7		92	12	39	5	39	1.33		0.69	0	7	11	18	1	nw.	U. S. Reclamation Service.
Rawlins	Carbon	6,748	9	62.2		87	12	34	9	40	1.26	+ 0.19	0.65	T.	8	15	11	4	w.	E. J. Ehrenfeld.
Rocky Point	Crook										1.33		0.41	0	8	17	11	2	s.	P. Woxen.
Saratoga	Carbon	6,785	13	59.6	+ 0.9	84	12	33	2	41	1.98	+ 1.17	1.15	0	6	8	20	2	sw.	G. Frederick Clark.
Seven Mile Creek	do			54.2[a]		70	14†	29	9	40	1.83		1.05	0	7	5[a]	14[a]	4[a]	sw.	U. S. Forest Service.
Sheridan	Sheridan	3,790	16	65.4	− 4.4	91	12	38	6	45	1.66	− 0.48	1.24	0	8	8	13	9	nw.	U. S. Weather Bureau.
Shoshone Dam	Park	5,385	5	65.6		95	12	25	13	69	1.70		0.67	0	6	11	18	1	w.	U. S. Reclamation Service.
Soldiers' Home	Johnson	4,635	19	60.6	+ 3.0	89	12†	25	1†	52	1.44	− 0.69	0.82	0	4	16	0	14	w.	Geo. L. Courtney.
South Pass City	Fremont	7,873	9	54.4		93	12	29	10	52	1.45		0.67	0	11	8	12	10	sw.	John Sherlock.
Thermopolis	do	4,350	7	69.0		95	12	40	6	48	1.77		1.15	0	5	18	10	2	sw.	A. L. Duhig.
Upton	Weston		2																	G. E. McPherren.
Valley	Park	6,500	2								1.82		0.73	0	12	10	15	5	w.	Jas. L. McLaughlin.
Verona	Sheridan	4,360	2								1.40		0.62	0	6	17	12	1	se.	O. A. Roode.
Wheatland	Laramie			69.4		100	27	47	10†	50	1.45		0.90	0	5	7	12	11	nw.	A. de F. Snively.
Wiants ranch	Carbon	7,400	1								1.92		0.71	0	11	11	12	7	sw.	Ira G. Wiant.
Woodrock	Sheridan										1.91		0.79	0	11	13	12	5	sw.	U. S. Forest Service.
Worland	Bighorn			69.5		94	12	44	6	45	0.45		0.21	0	4	16[a]	12[a]	1[a]	nw.	Harry S. Smith.
Wyncote	Laramie	4,207	4	68.6		92	7	40	12	47	2.70		1.92	0	6	21	8	1	w.	U. S. Reclamation Service.
Yellowstone Park	Yellowstone Park.	6,200	23	55.0	− 1.0	81	12	32	5	37	2.20	+ 0.56	0.94	0	16	7	18	5	sw.	U. S. Weather Bureau.
(1) Fountain	do	7,220	5			77	12	24	5	43	1.45		0.50	0	7	17	0	13	se.	U. S. Army.
(2) Gallatin	do																			Do.
(3) Grand Canyon	do	7,900	4	49.7		77	12	25	5†	43	3.63		0.82	T.	18	6	16	8	w.	Do.
(4) Lake Yellowstone	do	7,733	7	47.4		73	2	25	5†	40	2.85		0.90		8	13	0	17	s.	Do.
(5) Norris	do	7,525	7	49.0		76	12	25	4†	43	2.26		0.62	0	8	9	8	13	sw.	Do.
(6) Riverside	do	6,500	5	53.0		89	13	20	24	50	3.95		0.64	0	19	13	0	17	sw.	Do.
(7) Soda Butte	do	7,000	6	52.6		79	12†	23	6	55	2.53		0.98	0	16	15	8	7	sw.	Do.
(8) Sylvan Pass	do	7,000	4	53.2		81	12†	27	6	46	3.33		0.44	0	13	5	6	9	w.	Do.
(9) Thumb	do	7,772	5	46.2		78	20	24	7	44	0.90		0.80	0	2	9[a]	4[a]	16[a]	sw.	Do.
(10) Tower Falls	do	6,250	2	53.3		85	12†	25	5	48	2.53		0.70	0	11	8	13	9	nw.	Do.
(11) Up'r Gey'r Basin	do	7,395	7	51.4		77	13	27	5†	41	1.96		1.00	0.1	8	21	2	7	e.	Do.
Montana.																				
Adel	Cascade	5,200	13																	Mrs. B. F. Burch.
Agricultural College	Gallatin	4,700	14																	Prof. E. Burke.
Augusta	Lewis and Clark	4,071	13	58.4	+ 2.8	84	17†	31	6	47	4.76	+ 1.35	0.68	0	18	15	7	8	w.	C. C. Covington.
Babb	Teton	4,461	5	53.9		80	10	29	6	39	3.23		1.75	0	10	12	14	4	sw.	U. S. Reclamation Service.
Bald Butte	Lewis and Clark	6,500	2								4.85		1.10	0	17	6	15	9		M. W. Alderson.
Bigtimber	Sweet Grass	4,072	5	62.2		84	12	38	6	38	2.37		0.90	0	6	17	9	4	w.	F. A. Severance.
Bigtimber Creek	do		2								3.43		1.17	0	11	11	18	1	w.	J. T. Mjolsness.
Billings	Yellowstone	3,115	16	66.0	+ 3.3	95	19	39	6	45	1.59	− 0.87	0.65	0	8				w.	U. S. Weather Bureau.
Blackleaf	Teton	4,260	4	56.0		78	1†	32	6	37	5.86		1.30	0	19	8	17	5	w.	Adolph Aman.
Bloomfield	Dawson		3	63.6		96	19	30	27	49	2.09		0.75	0	6	11	14	5		E. B. Chaney.
Boulder Nursery	Jefferson	4,920	17	56.0	+ 0.2	85	22	31	1†	52[b]	3.62	+ 1.55	0.53	0	20	2	25	3		U. S. Forest Service.
Bowen	Beaverhead	6,060	5	51.8		80	12	23	5	42	3.60		0.82	0	16	9	9	12		B. B. Lawrence.
Bridger	Carbon	3,664	3	64.6		94	12	36	5	49	1.20		0.35	0	5	4	19	7	n.	L. E. Gard.
Broadview	Yellowstone		5	62.6		93	19	36	5	46	1.08		0.45	0	6	22	7	1	e.	Mabel Sudduth.
Busby	Rosebud		8	66.8		95	19	38	6	45	2.55		0.85	0	9	13	14	3	ne.	Rev. G. A. Linscheid.
Busteed	Sweet Grass		4	62.3		88	19	36	6	41	2.12		1.22	0	12	14	14	2	w.	T. H. Busteed.
Cabin Creek	Beaverhead		2																	W. J. Crowell.
Canyon Ferry	Lewis and Clark	3,644	13	63.2	+ 2.3	87	18†	37	5	42	4.72	+ 2.41	1.06	0	17	13	10	7	nw.	A. C. Pratt.
Cascade	Cascade	3,361	7	63.4		89	22	39	26	42	3.45		0.47	0	18	16	9	5	sw.	Dr. E. E. James.

TABLE 1.—*Climatological data for June, 1911. 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.
Montana—Contd.																				
Chessman Reservoir	Lewis and Clark	5,275	3	52.8		76	22†	29	4	36	5.11		0.60	0	19	10	7	13	sw.	C. D. Schmidt.
Chester	Chouteau	3,140	7	63.0		90	22	34	6	45	2.68		0.66	0	13	10	16	4	ne.	E. D. Keith.
Chinook	do	2,502	13	68.0[h]	+ 4.7	94	18	42	6	42[b]	1.76	− 0.88	0.45	0	10	10[i]	7[i]	4[i]	w.	T. O'Hanlon Co.
Chouteau	Teton	3,810	7																	T. J. Moore.
Clearcreek	Chouteau		6	63.6[e]		92	19	41[a]	6†	39[e]	2.62		0.72	0	10	12[b]	15[b]	1[b]	w.	Cortez Sedgewick.
Clemons	Lewis and Clark	4,672	2								3.56		0.60	0	19	2	16	12	w.	Frank Eberl.
Clydepark	Park		1								2.90		1.04	0	16	5	18	7	w.	Dr. T. B. Marquis.
Conrad	Teton			60.6[j]		88	21	36[j]	5	40[j]	4.25		1.55	0	12	4[i]	9[i]	8[i]		I. S. Martine.
Copper	Meagher		6								2.92		0.50	0	15	12	17	1	w.	Orville Harris.
Crow Agency	Rosebud	3,041	30	67.2	+ 3.2	95	19	37	5	48	2.15	− 0.61	0.56	0	10	10	0	20	w.	H. R. Bamber.
Culbertson	Valley	1,927	8	70.2		106	19	37	27	46	1.48		0.74	0	5	8	16	6	nw.	G. H. Coulter.
Cummings	Carbon		1	57.9		84	12†	24	5	43	1.23		0.54	0	6	19	8	3		J. W. Brimmer.
Cut Bank	Teton	3,700	12	60.8	+ 5.1	85	19	36	6	41	5.32	+ 2.24	1.99	0	10	20	6	4	w.	C. N. Thomas.
Decker	Rosebud	3,400	7																	A. Anderson.
Denton	Fergus	3,500	3																	P. J. Greisenauer.
Dillon	Beaverhead	5,147	14	60.4	+ 2.2	87	12	32	5	46	2.30	− 0.06	0.76	0	18	5	11	14	sw.	Prof. J. E. Monroe.
Dirty Creek	Meagher	6,000	2								3.63		1.00	0	16	14	10	6	w.	Lewis Cameron.
Dry Creek	Broadwater	5,500	2								3.35		0.82	0	15	3	23	4	w.	J. C. Stuart.
Dry Wolf Camp	Cascade	6,000	2								4.97		1.50	0	15	8	10	12	sw.	Mrs. R. J. Eveleth.
East Gallatin River	Gallatin	6,000	3								3.19		1.51	0	13	15	13	2	w.	J. Eberhart.
Ekalaka	Custer		11	68.6	+ 5.4	98	19†	40	5†	45	2.86	+ 0.44	1.17	0	6	20	4	6	w.	Wm. Freese.
Elkhorn	Jefferson	6,576	3								4.00		0.51	0	22	3	13	14	sw.	Jas. Heagan.
Evans	Cascade	4,900	4																	H. Thrasher.
Fallon	Custer	2,208	7	68.2		100	19	39	6	46	4.60		2.13	0	8	12	11	7	ne.	Mrs. A. C. Gifford.
Fish Creek	Silver Bow	8,500	2	50.6		72	11†	26	5	32	4.62		1.06	0	18	6	22	2	w.	O. B. Tilton.
Flathead Creek	Gallatin	6,000	2	56.5		90	12	32	5	46	4.63		1.22	0	20	8	12	10[e]	nw.	Alta Williams.
Forsyth	Rosebud	2,514	6																	W. Wakefield.
Fort Benton	Chouteau	2,630	32	66.8	+ 3.9	92	20	40	5	36	1.69	− 1.10	0.70	0	7	22	6	2	sw.	J. Sullivan.
Fort Shaw	Cascade	3,500	23	62.6	0.0	90	22	35	6	46	2.54	+ 0.29	0.52	0	14	15	7	8	sw.	U. S. Reclamation Service.
Fort W. H. Harrison	Lewis and Clark	4,004	8	64.8		102	23	40	5	47						18	3	9	w.	Post Hospital.
Foster	Yellowstone		2	67.4		95	19	39	6	44	2.27		0.91	0	11	11	17	2	w.	E. K. Bowman.
Garnell	Fergus	5,500	3																	T. E. Scally.
Glasgow	Valley	2,092	15	66.8	+ 3.8	99	13	39	5	48	1.03	− 1.38	0.50	0	5	12	12	6	w.	W. W. Mabee.
Glendive	Dawson	2,069	21	71.6	+ 6.0	99	18	42	26	42	2.21	− 1.12	0.75	0	9	9	15	6	e.	E. C. Leonard.
Goldbutte	Chouteau		4	61.6		88	19	38	9†	40	5.91		2.02	0	12	4	18	8	w.	J. Berthelote.
Graham	Custer		6																	J. S. Rue.
Grayling	Gallatin	6,700	6	51.4[i]		74	19	25	5	40[i]	2.57		0.66	0					sw.	P. Kerzenmacher.
Great Falls	Cascade	3,350	20	64.7	+ 3.4	90	22	40	5	36	2.88	− 0.54	0.68	0	14	10	17	3	sw.	S. H. Bauman.
Half Moon Pass	Fergus	6,500	2								4.44		1.35	0	17	0	28	2	w.	Thos. Stigen.
Half Way House	Broadwater	6,000	2								4.21		0.59	0	18	3	7	20	sw.	Gordon Deans.
Harlowton	Meagher	4,165	4	60.9[e]		87	18†	34	5	41[e]	2.11		0.91	0	5	10[e]	9[e]	6[e]	w.	Joseph Muir.
Havre	Chouteau	2,505	32	66.0	+ 3.6	93	22	43	6	37	2.14	− 0.68	0.44	0	13	17	11	2	e.	U. S. Weather Bureau.
Helena	Lewis and Clark	4,110	32	61.4	+ 0.8	88	22	38	5	35	3.32	+ 1.21	0.60	0	19	4	15	11	sw.	Do.
Highwood	Chouteau		5								2.23		0.60	0	12	13	8	9	sw.	W. S. McCord.
Huntley	Yellowstone	3,014	5	67.2		92	20	42	5†	39	3.38		2.09	0	6	11	18	1	nw.	U. S. Reclamation Service.
Jones Canyon	Gallatin	6,800	2								5.05		0.71	0	20				w.	Jas. McCune.
Jordan	Dawson		6																	W. C. Henderson.
Knobles ranch	Chouteau										5.35		1.39	0	11	15	8	7	sw.	F. H. Knoble.
Lewistown	Fergus	4,010	15	61.4	+ 3.5	92	23	36	6†	42	3.12	− 0.37	0.67	0	13	12	17	1	w.	W. W. Watson.
Livingston	Park	4,488	15																	W. A. Jennings.
Lonetree	Chouteau	3,280	6	64.3		91	22	40	5	36	3.07		0.80	0	12	20	7	3	w.	E. Wilson.
Malta	Valley	2,240	5	66.2		97	19	44	5†	39	2.70		1.98	0	12	13	17	0	w.	U. S. Reclamation Service.
Medicine Lake	do		1	64.2		96	19	36	27	45	1.28		0.40	0	8	11	16	3	se.	J. S. Collier.
Melstone	Fergus	2,903	2								1.47		0.75	0	6					E. J. Parkinson.
Mildred	Custer		2								2.87		0.93	0	11	12	18	0	nw.	Leon B. Clark.
Miles City	do	2,371	20	70.7	+ 4.7	101	19	46	6	38	3.44	+ 0.67	1.73	0	13	15	13	2	ne.	U. S. Weather Bureau.
Norris	Madison	4,845	5	61.2		88	12	35	5	35	4.34		1.00	0	17	11	12	7	s.	Madison River Power Co.
Nye	Sweet Grass		3	54.1		79	12	30	25	40	2.44		1.02	0	10	19	6	5	sw.	F. L. Bryant.
Olsen Creek	Jefferson	6,345	3								3.92		0.75	0	19	16	5	9	w.	Robert Olsen.
Pipestone Pass	do	7,000	3								4.34		0.63	0	13	7	20	3	w.	Mrs. T. Kiermeyer.
Poplar	Valley	2,020	26	67.3	+ 3.6	100	19	38	27	44	1.75	− 1.20	0.63	0	7	22[a]	3[a]	4[a]	w.	H. M. Cosler.
Red Lodge	Carbon	5,548	12	58.2	+ 2.2	85	19	30	5	41	2.07	− 0.44	0.68	0	10	8	17	5	se.	I. A. Draper.
Renova	Jefferson	4,383	13	61.2	+ 2.5	91	12	36	5	43	3.40	+ 2.31	0.70	0	15	15	8	7	sw.	F. B. Elmer.
Ryegate	Yellowstone	3,640	2	62.8		89	7	38	5	40	2.09		0.45	0	9	21	2	7	w.	H. Scherfenberg.
Seville	Teton	3,980	3	60.6		87	19	37	5†	40	5.90		2.33	0	8	15	12	3	w.	U. S. Reclamation Service.
Sidney	Dawson		1	67.6		95	19	43	6†	40	1.18		0.62	0	7	18	6	6	e.	F. W. Arndt.
Spokane ranch	Lewis and Clark										2.94		0.41	0	18					O. E. Penwell.
Springbrook	Dawson		10	67.4	+ 5.1	98	19	42	6	45	5.83	+ 1.30	3.85	0	9	19	9	2	s.	Mrs. H. L. Miller.
Stearns	Lewis and Clark	4,500	2								4.84		1.20	0	12	10	0	20		J. W. Hardgrove.
Threeforks	Gallatin	4,066	1	64.8[e]		94	1	35	5	55[e]	2.68		0.51	0	18	5[d]	20[d]	1[d]		M. S. Carpenter.
Tokna	Dawson	2,050	6	69.5		102	19	36	27	42	1.41		0.55	0	5	15	8	7	sw.	U. S. Reclamation Service.
Trail Creek	Park	6,000	3								4.19		1.60	0	14	16	9	5	sw.	A. Weidenbauer.
Twete	Chouteau										1.48		0.38	0	13	14	4	12	sw.	C. R. Noyes.
Utica	Fergus	5,000	17	59.8	+ 2.1	84	19	36	5	35	5.17	+ 1.71	1.65	0	14	11	18	1	w.	P. W. Korell.
Valentine	do		5	64.4		92	23	40	6	42	.93		0.32	0	7	22	4	4	w.	B. M. Bean.
Virginia City	Madison	5,880	23	58.0	+ 2.0	84	12	28	5	39	3.46	+ 1.12	0.73	0	16	6	17	7	w.	M. Mailand.
Wall Rock Mountain	Broadwater	5,600	2								2.33		0.60	0	16	9	17	4	nw.	D. L. Doig.
Warm Springs Creek	Madison	7,500	2																	M. D. Lytle.
Wilder	Fergus	2,900																		J. O. Rogers.
Wolf Creek	Lewis and Clark	4,000	8	63.8		91	22	37	30	43	2.31		0.51	0	18	7	22	1	se.	A. J. Reed.
Woodville	Jefferson	6,376	2								3.90		0.80	0	17	3	23	4	w.	Anna Kinman.
North Dakota.																				
Aplin	Oliver		5	67.3		98	19†	34	27	41	3.81		1.35	0	11	14	12	4	e.	J. B. Hagelbarger.
Beach	Billings	2,759	5	65.7		94[e]	19	33	27	42[e]	3.85		0.64	0	11	17	12	1	se.	D. J. Steiner.
Belfield	Stark	2,583									3.00		0.77	0	9	9	16	5	se.	W. F. Goblus.
Berthold Agency	McLean	2,082	15	68.0	+ 4.8	100	19	33	27	44[b]	4.27	+ 0.33	1.76	0	9	18	4	8		C. L. Hall.
Bismarck	Burleigh	1,674	37	69.0	+ 4.8	98	20	42	27	36	2.73	− 0.81	1.04	0	6	10	12	8	nw.	U. S. Weather Bureau.
Broncho	Mercer		4	66.1		98	7	26	28	38	2.36		1.37	0	5	1	24	5	nw.	E. M. Walker.
Buford	Williams	1,944	6	67.0		95	19	43	27	39	1.20		0.54	0	9	15	6	9	ne.	J. A. Beisel.
Dickinson	Stark	2,453	19	67.3	+ 0.2	97	19	41	4	40	2.45	− 0.37	1.14	0	10	20	4	6	nw.	L. R. Waldron.
Edgeley	Lamoure	1,468	10	69.4	+ 7.2	104	21	39	27	43	1.19	− 2.72	0.24	0	11	0	21	9	nw.	O. A. Thompson.
Epping	Williams		4								2.01		0.58	0	11	16	12	2	e.	M. A. Uggen.
Fullerton	Dickey	1,439	13	68.0	+ 5.6	102	21	40	27	44	3.32	+ 0.18	0.58	0	9	19	7	4	s.	F. O. Allin.
Garrison	McLean		2	66.5		96	19	34	7	40	2.99		0.72	0	9	5	16	9	nw.	G. L. Robinson.

TABLE 1.—*Climatological data for June, 1911. 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.**																				
Haley	Bowman		4	68.0		99	20	37	6	50	2.95		1.94	0	9	18	10	2	nw.	A. M. Oberchain.
Hettinger	Adams	2,253	5	69.9		101	20†	35	6	50	1.19		0.35	0	7					W. R. Lanxon.
Howard	Divide	2,275	5																	C. P. Amsbaugh.
Jamestown	Stutsman	1,390	24	64.6	+ 0.9	89	18†	39	27	40	2.07	− 2.02	0.50	0	14	13	3	14	se.	Thos. Pettigrew.
Lamoine	Kidder		4	65.0		96	20	33[d]	27	47[d]	1.99		0.95	0	4	12	9	9	se.	E. V. Virgin.
McHenry	Foster	1,509	2	65.4		91	19	34	28	37	2.78		0.62	0	9	11	7	12	e.	John Knox.
Manfred	Wells	1,605	10	65.4[e]		96[g]	20				3.05		1.11	0	11	11	3	16	se.	P. B. Anderson.
Marmarth	Bowman		4								2.98		1.05	0	12	14	6	10	nw.	S. P. Grane.
Marstonmoor	Stutsman		4	61.2		90	30	30	27	38	3.77		1.00	0	7	14	12	4	se.	H. H. McCumber.
Medora	Billings	2,225	15	63.4	− 6.1	102	20	30	2	57	2.19	− 0.33	0.70	0	5	14	10	6	ne.	J. W. Hesser.
Melville	Foster	1,509	14	69.0	+ 6.9	105	30	33	27	50[b]	3.45	− 0.28	1.48	0	8					J. P. Kidder.
Mott	Hettinger		5	69.4		100	20	37	5	41	3.18		1.02	0	9	12	9	9	se.	O. H. Opland.
Napoleon	Logan	1,955	20	69.0	+ 6.4	105	20†	33	26	47	1.78	− 2.42	0.63	0	8	11	11	8	se.	C. J. Hoof.
New England	Hettinger	2,400	16	68.4	+ 6.4	108	17	25	5	58	3.53	+ 1.29	1.40	0	7				e.	J. L. McGovern.
New Rockford	Eddy	1,531	2								4.34		1.35	0	11					J. V. M. Sundberg.
New Salem	Morton	2,163	5	66.7		98	20	37	27	41	5.27		1.96	0	10	13	12	5	se.	J. Christianson.
Orange	Adams		5	69.5		101	23	37	6	49	0.72		0.42	0	3	17	12	1	se.	J. E. Goforth.
Schafer	McKenzie		3																	V. G. Morris.
Steele	Kidder	1,857	16																	B. C. Smith.
Washburn	McLean	1,731	8	67.8		100	20	38	27	37	4.39		3.00	0	4	14	12	4	w.	W. R. Peterson.
Williston	Williams	1,875	32	66.6	+ 3.1	97	19	46	12	36	1.44	− 2.13	0.45	0	10	6	15	9	se.	U. S. Weather Bureau.
South Dakota.																				
Aberdeen	Brown	1,300	21	71.2	+ 5.5	104	22	32	7	53	1.03	− 3.24	0.36	0	5	18	4	8	s.	D. G. Gallett.
Academy	Charles Mix		12	74.9	+ 7.3	101	22	45	27	37	2.49	− 1.50	1.28	0	7	20	10	0	se.	I. T. Lothrop.
Alexandria	Hanson	1,352	22	77.3	+10.0	102	23	44	6	54	2.31	− 1.94	0.77	0	5	23	7	0	s.	Albert Hill.
Ardmore	Fall River	3,557	2								1.63		1.60	0	2	16	11	3		Chi., Burl. & Quincy R. R.
Armour	Douglas	1,521	15	73.7	+ 5.9	106	23	46	27	52	2.70	− 1.58	1.30	0	4	24	6	0	s.	T. J. Markey.
Bellefourche	Butte	3,000	3	70.8[f]		99[c]	24	40	6	48[e]	0.57		0.18	0	5	7	15	8	sw.	U. S. Reclamation Service.
Brookings	Brookings	1,636	22	73.3	+ 8.7	104	8	45	6†	39	3.78	− 0.02	1.29	0	9	12	14	4	s.	Experiment Station.
Camp Crook	Harding	3,000	19	70.1	+ 7.4	99	28	34	11	54	1.06	− 1.86	0.73	0	4	17	9	4	nw.	U. S. Forest Service.
Canton	Lincoln	1,248	16	76.6	+ 9.5	103	25	45	13	41	1.66	− 3.29	0.85	0	4	26	4	0	se.	John H. Holsey.
Cascade Springs	Fall River	3,422	3	71.6		94	7†	40	12	47	2.07		1.95	0	2	21	8	1	nw.	Fred Noerenberg.
Castlewood	Hamlin	1,685	5	71.3		97	8†	41	6	37	2.86		1.48	0	11	10	8	12	se.	M. N. Bradley.
Centerville	Turner	1,229	14	74.2	+ 7.8	101	8	46	7	44	2.76	− 2.11	1.75	0	7	10	17	3	s.	Frank Williams.
Clark	Clark	1,779	17	71.4	+ 6.6	100	30	43	6†	38	1.72	− 2.62	1.21	0	5	17	13	0	nw.	O. H. La Craft.
Cottonwood	Stanley	2,414	3	75.9		102	24	40	27	51	0.64		0.30	0	5	18	12	0	se.	Experiment Station.
Daviston	Perkins		2	71.4		104	24	32	27	48	0.60		0.45	0	2	17	11	2	nw.	G. G. Davis.
Deadwood	Lawrence	4,535	2	65.8		93	29	36	12†	45	2.87		0.80	0	10	20	7	3		R. E. Grimshaw.
Deerfield	Pennington	6,000	2								1.03		0.41	0	6	19	9	2	sw.	Frank E. Miller.
De Smet	Kingsbury	1,726	18	73.3	+ 7.9	100	24	45[a]	27	39[a]	1.30	− 2.43	0.50	0	4	25	5	0	se.	J. O. Purintun.
Dowling	Stanley	2,250	2	75.1		103	20†	45	6	46	0.71		0.27	0	7	15	14	1	sw.	M. P. Dowling.
Dumont	Lawrence	6,195	2								1.88		0.71	0	6	16	10	4	se.	A. B. Wood.
Eales	Potter										1.59		0.97	0	8	22	8	0	se.	A. H. Peterson.
Elk Mountain	Custer	4,700	2								1.04		0.41	0	7	16	14	0	se.	James E. Blaine.
Elk Point	Union	1,127	12	76.1	+ 7.0	102	8	50	6†	38	5.41	+ 1.75	2.10	0	10	19	11	0	s.	G. W. Freeman.
Ellingson	Perkins					101	20				0.88		0.50	0	4	15	13	2	se.	A. C. Ellingson.
Englewood	Lawrence	5,723	2								2.55		0.60	0	11	17	3	10	s.	T. J. Cummins.
Eureka	McPherson	1,884	2	72.4		101	21	45	6	41	1.29		0.53	0	6	4	26	0	se.	Experiment Station.
Faulkton	Faulk	1,595	16	74.2	+ 9.3	104	22	45	6	40	1.76	− 1.59	0.74	0	7	20	9	1	ne.	Miss Belle Talcott.
Flandreau	Moody	1,565	21	73.4	+ 8.3	101	8	45	14	39	3.14	− 1.22	1.00	0	7	8	16	6	s.	W. A. Harris.
Forestburg	Sanborn	1,231	19	74.6	+ 8.6	105	22†	42	5	46	1.94	− 2.13	0.61	0	6	20	10	0	se.	S. S. Judy.
Frederick	Brown	1,371	3																	J. E. Jeffers.
Gannvalley	Buffalo		13	75.2	+ 7.9	105	29†	46	6	42	0.71	− 3.46	0.25	0	6	12	18	0	se.	V. P. Drips.
Greenmont	Lawrence	6,430	2								3.14		0.99	0	7	18	12	0	s.	H. C. Hoffbuhr.
Greenwood	Charles Mix		17	77.1	+ 7.7	104	29	47	6	37	1.56	− 2.41	0.74	0	4	24	6	0	se.	T. C. Williamson.
Hardy Ranger Station	Lawrence	6,600	2								0.96		0.88	0	4	26	4	0	sw.	Mrs. E. A. Gundlach.
Harveys Ranch	do	6,282	1								1.91		0.78	0	6	16	7	7	w.	Jerome Harvey.
Hermosa	Custer	3,278	5	73.6		100	20	39	10	49	3.14		1.23	0	3	25	5	0	sw.	S. M. Booth.
Highmore	Hyde	1,890	15	74.6	+ 7.4	105	30	47	6†	41	0.09	− 3.46	0.04	0	4	16	12	2	s.	Experiment Station.
Hopewell	Stanley		1	76.6		105	30	44	27	55	0.49		0.35	0	3	12	15	3		E. R. Myers.
Howard	Miner	1,564	19	72.9[f]	+ 8.2	101	8†	43	6	41[f]	3.63	− 0.84	1.10	0	8					J. J. Cox.
Howell	Hand		9	73.5		106	22	40	6	44	0.41		0.23	0	6	15	15	0	se.	M. A. Shuster, jr.
Huron	Beadle	1,306	29	73.2	+ 6.6	100	30	46	6	37	1.82	− 1.96	1.13	0	7	11	15	4	s.	U. S. Weather Bureau.
Ipswich	Edmunds	1,530	14																	J. B. Taylor.
Kadoka	Stanley	2,467	3	75.9		103	24	41[d]	27	46[d]	1.62		1.32	0	5	5	20	5	se.	Rev. D. S. Brown.
Kennebec	Lyman	1,689	18	74.4	+ 7.3	104	30	41[a]	28	50[a]	1.78	− 1.42	0.78	0	5	26	3	1		R. C. Van Horn.
Kidder	Marshall	1,295	7	69.6		100	22	42	14	41	2.25		1.15	0	3	19	3	8	se.	H. C. Schussler.
Kimball	Brule	1,788	22	73.2	+ 6.2	101	29	47	27	38	2.93	− 0.44	0.80	0	8	25	5	0	se.	G. D. Rose.
La Delle	Spink	1,400	14	75.6	+ 9.8	104	30	45	27	38	0.51	− 4.41	0.20	0	4	17	12	1	se.	E. L. Ebbert.
Lead	Lawrence	5,200	2	67.0		89	29	41	27	36	2.38		0.70	0	12	10	19	1	se.	E. F. Irwin.
Lemmon	Perkins	2,345	2																	W. E. Lyman.
Manderson	Shannon										3.03		1.62	0	4					W. A. Spencer.
Marion	Turner	1,447	10	75.3	+ 9.2	103	23†	49	13	41	4.63	− 0.63	2.20	0	6	10	20	0	se.	M. H. Dains.
Marston	Sully		3	74.4		107	21	39	6	47	0.20		0.07	0	5	11	19	0	se.	John S. Walker.
Mellette	Spink	1,300	16	72.6	+ 6.8	102	22†	39	6	40	1.38	− 2.10	0.82	0	5	24	3	3	s.	Frank A. Howe.
Menno	Hutchinson	1,325	14	74.6	+ 7.3	102	24	48	27	39	1.87	− 2.59	0.64	0	7	20	7	3	se.	J. H. Swanton.
Milbank	Grant	1,148	20	70.7	+ 5.5	102	23	40	28	42	3.84	− 0.34	1.25	0	12	19	1	10	nw.	I. T. Patridge.
Mitchell	Davison	1,312	17	72.6	+ 5.9	99	22	45	6	41	4.65	+ 0.39	1.40	0	8	24	6	0	s.	C. W. Downey.
Mobridge	Walworth					104	20†				0.38		0.20	0	3	22	6	2	se.	Thos. J. Morris.
Murdo	Lyman	2,300	3	75.1		105	30	40	20†	58	1.05		1.00	0	2	25	4	1	s.	L. C. Bode.
Oelrichs	Fall River	3,339	19	72.5	+ 6.8	97	7†	42	15	48	2.25	− 0.89	2.25	0	1	11	18	1	sw.	J. E. Strouse.
Orman	Butte	2,920	5	73.8		101	29	45	6†	43[b]	0.39		0.18	0	6	16	12	2		U. S. Reclamation Service.
Ottumwa	Stanley		3	74.4		105	24†	38	27	47	T.		T.	0	0	29	1	0	sw.	J. W. Bretz.
Pierre	Hughes	1,572	19	76.6	+ 7.7	102	30	51	6	35	0.87	− 2.21	0.60	0	6	12	17	1	se.	U. S. Weather Bureau.
Plankinton	Aurora	1,528	17								3.98	− 0.39	1.62	0	7	13	16	1	se.	W. G. Andrews.
Pollock	Campbell		5	70.6		106	30	38[b]	6	47[b]	2.01		1.00	0	6	14	12	4		J. H. Jones.
Rapid City	Pennington	3,251	23	71.0	+ 7.1	97	20	44	27	43	0.73	− 2.86	0.33	0	6	9	16	5	w.	U. S. Weather Bureau.
Redfield	Spink	1,295	13	73.3	+ 8.6	101	22†	50	6†	45	0.92	− 2.10	0.32	0	5	17	5	8	s.	A. S. Hall.
Rochford	Pennington	5,228	1								1.77		1.13	0	5	16	12	2	sw.	Mrs. M. E. Deffenbaugh.
Rosebud	Todd	2,600	17																	W. M. Ege.
Rosebud Agency	do	2,600																		C. W. Soldier.
Roslyn	Day		5	68.6		98	30	42	27	37	2.91		1.20	0	10	15	11	4	s.	O. O. Floren.
Selby	Walworth		3	74.2		103	21†	47	27	40	1.25		0.55	0	6	17	10	3	nw.	Miss Gertrude Hall.
Sioux Falls	Minnehaha	1,400	20	76.0	+ 8.3	105	25	50	13†	45	2.68	− 1.85	1.20	0	8	17	8	5	s.	J. H. Bechtold.

TABLE 1.—*Climatological data for June, 1911. 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.**																				
Sorum	Harding			70.4		99	20†	36	6	53	1.11		1.02	0	3	14	14	2	se.	M. S. Eberhart.
Spearfish	Lawrence	3,647	21																	O. A. Martin.
Stephan	Hyde	1,840	7	73.2		104	22	45	6	45	0.88		0.53	0	4	12	18	0	se.	Rev. A. Mattingly.
Tama	Meade		2	74.0		105	21†	39	27	51	0.24		0.13	0	4	10	13	7	se.	J. J. Daly.
Tyndall	Bonhomme	1,418	14	75.8	+ 7.2	102	29	50	27	36	1.25	− 2.21	0.46	0	8	20	10	0	s.	F. F. Chaldek.
Vale	Butte	2,765	3	72.4		100	20	41	12	48	0.62		0.34	0	6	18	11	1	nw.	U. S. Reclamation Service.
Vermilion	Clay	1,222	10	75.8		99	8†	49	6	36	4.16		2.25	0	5	29	1	0	se.	Prof. E. C. Perisho.
Waters Ranch	Lawrence	4,000	1								1.38		0.52	0	9	13	10	7	se.	George Waters.
Watertown	Codington	1,735	17	71.0	+ 7.5	98	22	43	27	38	1.48	− 2.20	1.20	0	4	16	8	6	e.	Robert Q. Wood.
Wentworth	Lake		18	73.1	+ 8.2	101	8	47	13	39	3.48	− 0.46	1.06	0	9	24	6	0	s.	R. C. Zimmerman.
Wessington Springs	Jerauld	1,410	11	74.2	+ 8.0	100	22†	49	27	37	1.44	− 2.55	1.13	0	6	7	23	0	s.	Mrs. M. J. Dunham.
White Lake	Aurora	1,646	2								3.92		1.28	0	6	16	14	0	s.	Mrs. G. A. Rogers.
Winner	Tripp	2,500																		A. L. Rawson.
Yankton	Yankton	1,234	37	75.4	+ 6.0	100	8	52	27	33	2.10	− 2.17	1.23	0	9	10	20	0	se.	U. S. Weather Bureau.
Minnesota.																				
Pipestone	Pipestone	1,710	11	71.8	+ 7.5	99	23	44	13	44	2.93	− 0.85	2.15	0	7	8	21	1	sw.	W. S. Campbell.
Colorado.																				
Akron	Washington	4,650	9								1.26		0.69	0	4					Ira M. Barnhouse.
Albion Lake	Boulder										1.57		0.37	0	9					Fred R. Dungan.
Alma	Park	10,238	14								0.77	+ 0.16	0.15	0	9	16	2	12	w.	Anna B. Orsborne.
Arriba (near)	Lincoln	5,238	5	69.4		96	28†	44	10	41	0.28		0.28	0	1	18	12	0	s.	C. A. Creel.
Auldhurst	Teller	8,500	1								2.21		0.53	0	12	6	19	5	s.	Mrs. Alice A. Auld.
Bennett (near)	Arapahoe										1.02		0.85	0	2	21	6	3	sw.	J. F. Egelhoff.
Boulder	Boulder	5,347	15	68.9	+ 4.2	94	28	46	10	43	1.30	− 0.23	0.54	0	7	19	8	3		O. H. Wangelin.
Burlington	Kit Carson	4,160	8	73.6		101	24†	50	6	44	1.45		0.65	0	5	11	19	0	se.	W. P. Davis.
Cassells	Park	8,445	1								1.02		0.35	0	9	14	7	9	w.	Harriet M. Cassell.
Castle Rock	Douglas	6,220	19	66.0	+ 3.3	96	27	36	3	47	0.91	− 1.04	0.34	0	5	12	5	13	se.	Thos. W. Vaughan.
Cheesman	Jefferson	6,890	8	64.8		87	5	40	2†	38	1.85		1.50	0	2	9	21	0	sw.	J. G. Thornburg.
Cheyenne Wells	Cheyenne	4,279	17	73.5	+ 5.6	100	24†	50	12	45	1.23	− 1.62	1.05	0	3	23	6	1	s.	J. W. Adams.
Cope	Washington		14	63.4	− 4.9	99	28	42	11	43	1.07	− 1.78	0.45	0	5	20	9	1	s.	A. A. Williams.
Corona	Grand	11,660		43.3		60	28	22	10	28	1.96		0.54	0	6	11	15	4	w.	U. S. Weather Bureau.
Denver	Denver	5,272	39	70.7	+ 4.3	95	24	48	3	39	0.56	− 0.91	0.53	0	5	13	14	3	sw.	Do.
Edgewater	Jefferson	5,450	3	69.1		95	13	40	10	48	1.36		0.48	0	3	20	10	0		Dr. N. P. Levin.
Estes Park Hatchery	Larimer	8,000	2								1.15		0.35	0	7	3	20	7	w.	G. H. Thomson.
Ft. Collins	do	4,985	29	66.2	+ 2.4	92	28	41	10	41	1.78	+ 0.23	0.60	0	7	16	13	1		Colo. Agriculture College.
Ft. Lupton	Weld	4,907									0.39		0.36	0	2					R. W. Benedict.
Ft. Morgan	Morgan	4,319	13																	Della M. Scott.
Frances	Boulder	9,300	6	58.4		83	20	36	10	40	3.64		1.48	0	9	6	21	3	w.	C. W. Barry.
Frys ranch	Larimer	7,500	1	57.8		83	28	30	2	46	1.44		0.46	0	7	11	13	6	w.	Norman W. Fry.
Georgetown	Clear Creek	8,550	9								1.22		0.32	0	10	4	18	8		H. L. Corbett.
Greeley	Weld	4,649	20	70.4	+ 4.1	96	28	43	2	45	2.59	+ 1.26	1.94	0	3	19	9	2	e.	Nelson Reynolds.
Hartsel	Park	7,670	2								2.21		0.80	0	7	19	7	4		Emily Kleinknecht.
Hawthorne	Boulder	6,000	2								2.11		0.84	0	6	23	6	1		B. E. Chesebro.
Holyoke (near)	Phillips	3,745	15								1.91	− 0.90	0.85	0	7	22	7	1	se.	A. C. Cauble.
Idaho Springs	Clear Creek	7,534	11	60.6	+ 2.3	83	28†	40	2†	40	1.60	+ 0.74	0.88	0	7	2	22	6	w.	J. J. Willis.
Keota	Weld	4,966									2.34		1.20	0	4	19	9	2	s.	I. S. Griffin.
Laporte	Larimer	5,053	20								0.89	− 0.70	0.60	0	3					P. A. Taft.
Leroy (near)	Logan	4,380	22								2.21	− 0.11	1.78	0	5					Chas. Green.
Longmont	Boulder	4,980	10	67.8	+ 2.2	95	28	43	2†	44	0.93	− 0.99	0.44	0	4	22	5	3	se.	Great Western Sugar Co.
Longs Peak (near)	Larimer	8,600	16	52.0	+ 1.5	75	27†	25	10	44	1.66	+ 0.06	0.74	0	7	10	20	0	s.	Enos. A. Mills.
Moraine Park	do	7,775	21	57.3	+ 3.0	80	24	31	12	45									e.	J. D. Stead.
Platte Canyon	Jefferson	5,492	12								1.74	− 0.26	1.06	0	3	17	12	1	s.	Denver Union Water Co.
St. Cloud	Larimer	7,750	8																	Miss Guilla Sivers.
Sedgwick	Sedgwick	3,573	3	72.2		101	28†	35	12	55	0.80		0.55	0	4	14	15	1	se.	Edwin Lewis, M. D.
Sill mine	Clear Creek	11,500	2	47.0		64	6†	26	2	30	2.68		0.50	T.	10	19	9	2	w.	Chas. F. Deininger.
Spicer (near)	Larimer	8,700	1								0.94		0.70	0	3	16	6	8	sw.	Frank W. Murphy.
Sterling	Logan	3,892	2	70.0		95	13†	41	12	49	2.23		1.36	0	5	10	18	2	sw.	Great Western Sugar Co.
Waterdale	Larimer	5,206	8	67.4		97	28	40	10	50	1.40		0.43	0	8					P. H. Boothroyd.
Wray	Yuma	3,512	15	73.5	+ 4.7	102	29	42	12	48	1.16	− 2.05	0.72	0	2	17	13	0	se.	J. C. Toumey.
Yuma	do	4,138	20								1.15		0.50	0	7	17	11	2	s.	Matthew Hare.
Nebraska.																				
Ainsworth	Brown	2,521	6	75.2		100	30	49	12	38	2.47		1.01	0	6	4	24	2	sw.	John M. Cotton.
Albion	Boone	1,747	16	74.1[h]	+ 5.7	101	28	50	26	34[h]	4.64	+ 0.41	1.48	0	8					F. M. Weitzel.
Alliance	Boxbutte	3,968	20	70.2	+ 3.8	98	22†	40	1†	49	1.85	− 1.07	1.70	0	3	19	9	2	s.	J. A. Keegan.
Alma	Harlan	1,939	16	79.0	+ 7.3	104	7	49	12	43	0.63	− 2.65	0.50	0	3	23	7	0	s.	W. A. Sharpnack.
Anoka	Boyd		6	74.2		108	29	43	18	46	0.97		0.74	0	2	15	12	3	se.	W. Whitla.
Arcadia	Valley	2,186	12								1.50	− 2.58	0.73	0	5	20	9	1	se.	J. L. Owen.
Ashland	Saunders	1,100	26	79.0	+ 7.1	104	29	53	13	34	0.54	− 4.13	0.27	0	6	21	9	0	se.	Dr. A. S. von Mansfelde.
Ashton	Sherman	2,061	19								1.78	− 2.28	1.34	0	4	26	3	1	s.	F. Rein.
Atkinson	Holt	2,108	6	74.1		105	29	47	6†	41	0.88		0.35	0	5	23	6	1	s.	C. J. Wilson.
Auburn	Nemaha	1,051	20	77.8	+ 6.5	105	29	52	13†	42	0.38	− 4.32	0.15	0	5	27	2	1	s.	J. R. Huffman.
Aurora	Hamilton	1,792	17	79.0	+ 7.4	104	29	51	13	41	0.56	− 3.84	0.27	0	5	16	11	3	s.	Chi., Burl. & Quincy R. R.
Beatrice	Gage	1,235	22	80.0	+ 8.3	103	29†	50	13	43	0.93	− 3.43	0.84	0	4	26	3	1	se.	W. S. Waxham.
Beaver City	Furnas	2,147	20	80.8	+ 9.4	105	29	51	12†	45	1.45	− 2.32	0.66	0	5	17	12	1	se.	T. M. Davis.
Bellevue	Sarpy	1,210	31	78.2		103	29	52	13	33	0.92	− 3.23	0.30	0	5	26	2	2	se.	A. A. Tyler.
Benkelman	Dundy	2,968	15								0.20	− 2.86	0.20	0	1	10	15	5	ne.	R. D. Druliner.
Bertrand	Phelps	2,515	3								1.36		0.59	0	6	19	11	0	se.	W. F. Dobbin.
Blair	Washington	1,122	16	77.2	+ 7.4	102	29	50	15	42	1.23	− 3.42	0.52	0	8	25	5	0	sw.	D. C. Van Deusen.
Bloomfield	Knox		3	74.6		100	15†	47	13	39	2.66		1.15	0	8	9	21	0	s.	Dr. L. C. Bleick.
Bradshaw	York	1,715	14								0.35	− 5.43	0.35	0	1	25	5	0		E. C. Roggy.
Bridgeport	Morrill	3,658	15	70.0	+ 4.2	101	28	38	12	51[b]	3.48	+ 0.84	3.48	0	1				se.	R. H. Willis.
Broken Bow	Custer	2,477	17	73.8	+ 4.5	104	29	45	27	46	0.64	− 3.89	0.30	0	5	25	4	1	nw.	Chi., Burl. & Quincy R. R.
Burge	Cherry	2,674	5	72.5		105	29	40	6	52	1.15		0.90	0	2	15	14	1	s.	H. A. Davis.
Cairo	Hall	1,951	2								1.25		0.96	0	4					Elliott Harrison.
Callaway	Custer	2,555	18	75.2	+ 7.0	106	29	43	6	43	0.60	− 3.19	0.60	0	1	18	12	0	s.	J. H. Evans.
Cambridge	Furnas	2,258	4	79.8		110	29	49	12	43	0.17		0.10	0	2	24	6	0	s.	Chas. Jensen.
Canton (near)	Boxbutte																			A. E. Hann.
Columbus	Platte	1,442	18	76.1	+ 6.8	102	29	51	12†	43	1.61	− 2.59	0.61	0	7	23	2	5	se.	A. L. Rush.
Cozad	Dawson	2,496	3								1.65		1.02	0	2	23	6	1	se.	A. A. Luttin.
Creighton	Knox	1,600	12	77.6[g]	+ 8.6	101	8†	51	27	43[g]	2.50	− 1.56	1.80	0	3				se.	C. L. Cherry.

TABLE 1.—*Climatological data for June, 1911. 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—Contd.																				
Crete	Saline	1,368	28	78.8	+ 8.1	105	25	52	14	39	T.	− 4.54	T.	0	0	22	6	2	s.	Doane College.
Culbertson	Hitchcock	2,505	24	77.9	.....	107	24	42	12	47	0.58	− 2.71	0.25	0	4	17	7	6	s.e.	J. H. Corrick.
Curtis	Frontier	2,553	15	77.3	+ 6.8	106	29	47	12†	47	1.90	− 2.49	0.61	0	6	12	18	0	s.	Dr. S. R. Razee.
David City	Butler	1,619	22	77.2	+ 8.0	103	29	54	12†	31	0.85	− 3.41	0.67	0	3	20	9	1	se.	S. Clingman.
Dawson	Richardson	945	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. E. I. Atkinson.
Dubois	Pawnee	1,074	6	.....	.....	.....	.....	.....	.....	.....	1.80	.....	1.11	0	6	25	4	1	se.	O. M. Backus.
Ellis	Gage	1,430	6	.....	.....	.....	.....	.....	.....	.....	0.20	.....	0.20	0	1	.....	.....	.....	.....	D. J. Wood.
Elmcreek	Buffalo	2,268	4	.....	.....	.....	.....	.....	.....	.....	1.64	.....	0.56	0	5	.....	.....	.....	.....	E. L. Sutton.
Elsie	Perkins	3,382	3	.....	.....	.....	.....	.....	.....	.....	0.64	.....	0.33	0	4	.....	.....	.....	.....	J. F. Brittain.
Ewing	Holt	1,888	19	75.4	.....	104	29	46	6	45	1.59	− 1.93	0.48	0	7	.....	.....	.....	.....	G. H. Benson.
Fairbury	Jefferson	1,316	36	79.8	+ 8.2	111	25	51	13	42	1.05	− 3.64	0.82	0	2	21	8	1	se.	W. F. Cramb.
Fairmont	Fillmore	1,641	18	77.0	+ 7.2	103	24†	44	12	42	0.23	− 4.13	0.23	0	1	18	6	6	s.	Chi., Burl. & Quincy R. R
Fort Robinson	Dawes	3,764	28	68.7	+ 3.4	96	28	36	12†	54	1.12	− 1.79	0.90	0	7	23	6	1	sw.	Post surgeon.
Franklin	Franklin	1,820	19	79.6	+ 8.5	109	25	46	13	51	0.41	− 3.30	0.15	0	5	20	9	1	se.	A. R. Peck.
Fremont	Dodge	1,203	31	76.2	+ 5.8	103	29	51	13	40	1.59	− 3.54	0.58	0	6	18	11	1	se.	Ernest Hahn.
Fullerton	Nance	1,629	10	75.2	.....	103	29	50	4	45	2.77	− 2.36	1.25	0	3	17	13	0	s.	Dr. F. W. Johnson.
Geneva	Fillmore	1,633	21	79.4	+ 7.9	104	25†	50	12	41	1.69	− 3.47	1.64	0	2	26	2	2	se.	F. M. Flory.
Genoa	Nance	1,584	36	75.8	+ 5.9	102	29	52	13	40	1.64	− 2.66	0.62	0	9	21	5	4	s.	F. W. Parsons.
Gordon	Cherry	3,550	10	70.8[h]	.....	99	29	34	13	58[h]	0.68	− 2.03	0.33	0	3	.....	.....	.....	s.	G. F. Williams.
Gosper	Gosper	.....	10	.....	.....	.....	.....	.....	.....	.....	3.92	+ 0.77	2.23	0	6	12	18	0	se.	E. H. Stoll.
Gothenburg	Dawson	2,557	17	75.9	+ 6.5	103	22	45	12†	45	1.58	− 2.79	0.83	0	5	20	8	2	se.	Dr. W. J. Bartholomew.
Grand Island	Hall	1,860	21	79.0	+ 7.8	104	8	54	13	38	1.02	− 3.73	0.88	0	2	19	4	7	s.	E. A. Barnes.
Grant	Perkins	3,405	8	71.5[d]	.....	104	29	39	12	51[d]	4.11	.....	3.95	0	3	.....	.....	.....	sw.	Cyrus Carver.
Greeley	Greeley	2,021	16	74.4	.....	99	24	52	11	41	4.37	+ 0.25	2.06	0	6	16	14	0	se.	W. E. Morgan.
Guide Rock	Webster	1,646	11	.....	.....	.....	.....	.....	.....	.....	1.61	− 2.21	1.00	0	6	11	18	1	.....	J. S. Marsh.
Halsey	Thomas	2,695	9	75.4	.....	107	29	44	12	44	0.79	.....	0.32	0	5	21	8	1	se.	U. S. Forest Service.
Hartington	Cedar	1,309	20	74.5	+ 6.6	102	8	46	7	50	4.49	+ 0.07	2.20	0	6	13	14	3	se.	D. E. Ewing.
Harvard	Clay	1,812	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. J. T. Fleming.
Hastings	Adams	1,932	21	77.8	+ 7.3	103	8	54	13	38	0.38	− 3.95	0.33	0	3	18	10	2	se.	Chi., Burl. & Quincy R. R.
Hayes Center	Hayes	.....	18	76.4	.....	108	29	49	12	45	0.82	− 2.59	0.30	0	6	22	7	1	se.	C. A. Ready
Hays Springs	Sheridan	3,821	24	68.4	+ 4.6	99	29	40	11†	48	0.49	− 2.61	0.32	0	5	10	20	0	se.	A. Kadlecek.
Hebron	Thayer	1,458	25	78.6	+ 7.1	105	25	50	13	39	0.75	− 4.06	0.30	0	5	.....	.....	.....	.....	Dr. C. M. Easton.
Hemingford	Boxbutte	4,256	2	.....	.....	.....	.....	.....	.....	.....	1.12	.....	0.97	0	6	.....	.....	.....	.....	A. S. Enyeart.
Hendley	Furnas	2,231	6	.....	.....	.....	.....	.....	.....	.....	0.59	.....	0.35	0	3	.....	.....	.....	.....	T. L. Jones.
Hillside	McPherson	3,484	2	71.4	.....	104	29	34	12	54	0.81	.....	0.70	0	3	26	3	1	se.	Mrs. M. R. Lloyd.
Holdredge	Phelps	2,324	19	76.4	+ 4.5	104	24†	45	27	48	1.60	− 2.29	0.65	0	5	17	10	3	se.	Chi., Burl. & Quincy R. R.
Hooper	Dodge	1,228	14	76.6	+ 6.1	103	8	55	12†	37	2.92	− 2.70	1.28	0	5	.....	.....	.....	sw.	Dr. W. H. Heine.
Imperial	Chase	3,278	22	74.1	+ 5.0	105	29	43	12	49	1.29	− 2.11	0.75	0	4	13	16	1	se.	Robt. Malcolm.
Kearney	Buffalo	2,146	23	78.2	+ 7.0	103	8†	50	3†	45	1.28	− 2.71	0.57	0	5	20	10	0	se.	City Engineer.
Kimball	Kimball	4,697	23	70.6	+ 5.2	100	28	41	11	44	1.49	− 0.80	0.94	0	3	21	8	1	se.	F. J. Bellows.
Kirkwood	Rock	.....	16	74.0	+ 6.6	107	29	46	6	46[b]	1.35	− 2.89	0.48	0	5	27	2	1	s.	Mrs. C. Arter.
Kowanda	Deuel	.....	3	.....	.....	.....	.....	.....	.....	.....	3.18	.....	1.81	0	5	.....	.....	.....	.....	Geo. W. Hulse.
Lexington	Dawson	2,385	22	76.8	+ 8.6	102	29	49	12	40	2.70	− 1.03	0.71	0	6	27	0	3	se.	Robt. Chadwick.
Lincoln	Lancaster	1,189	31	78.7	+ 7.1	103	25	55	13	36	0.56	− 3.76	0.45	0	6	14	13	3	s.	U. S. Weather Bureau.
Lodgepole	Cheyenne	3,820	14	72.3	+ 6.7	101	29	40	12	48	2.03	− 0.53	1.23	0	4	16	13	1	e.	R. T. Kidney.
Loup	Sherman	2,067	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. S. Hayhurst.
Loyal	Custer	.....	2	.....	.....	.....	.....	.....	.....	.....	1.01	.....	0.58	0	3	25	4	1	s.	C. H. Cass.
McCook	Redwillow	2,506	15	78.0	+ 5.3	105	24†	43	12	52	0.06	− 2.61	0.36	0	3	29	1	0	s.	C. G. Coglizer.
McCool Junction	York	1,575	16	.....	.....	.....	.....	.....	.....	.....	0.13	− 4.06	0.13	0	1	.....	.....	.....	.....	L. L. Slagle.
Madison	Madison	1,585	18	74.1	+ 5.9	100	29	45	26	45	4.99	+ 0.81	1.37	0	10	23	7	0	se.	Dr. F. A. Long.
Marquette	Hamilton	1,830	32	.....	.....	.....	.....	.....	.....	.....	1.08	− 3.20	0.88	0	4	.....	.....	.....	.....	John Ellis.
Mason City	Custer	2,257	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Amsberry.
Minatare	Scotts Bluff	3,825	2	.....	.....	.....	.....	.....	.....	.....	2.44	.....	2.40	0	3	20	0	10	se.	A. Kennedy.
Minden	Kearney	2,169	34	77.8	+ 7.7	103	8†	48	12	43	1.01	− 3.85	0.42	0	4	14	13	3	s.	Joel Hull.
Mitchell	Scotts Bluff	3,950	3	69.0	.....	93	28	42	2	46	2.15	.....	1.49	0	7	17	11	2	s.	U. S. Reclamation Service.
Mullen (near)	Cherry	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.40	.....	0.14	0	6	.....	.....	.....	nw.	C. R. Polen.
Nebraska City	Otoe	941	35	77.2	+ 6.3	103	8	47	13	42	0.50	− 4.41	0.50	0	1	24	4	2	s.	Chi., Burl. & Quincy R. R.
Norfolk	Madison	1,532	27	75.2	+ 6.8	101	9†	49	13	39	5.22	− 0.35	2.40	0	10	28	1	1	se.	Dr. P. H. Salter.
North Loup	Valley	1,961	23	75.4	+ 5.9	102	24	50	13	41	4.92	+ 0.37	1.90	0	6	25	5	0	se.	W. G. Rood.
North Platte	Lincoln	2,841	37	73.7	+ 5.3	104	29	43	12	41	1.13	− 2.12	0.63	0	8	17	13	0	se.	U. S. Weather Bureau.
Oakdale	Antelope	1,722	25	74.6	+ 5.9	101	29	50	6†	40	3.64	− 0.84	1.96	0	7	21	9	0	s.	G. S. Clingman.
Omaha	Douglas	1,103	41	79.1	+ 7.5	102	8	61	13	30	0.94	− 4.11	0.41	0	4	10	14	6	s.	U. S. Weather Bureau.
Ord	Valley	2,062	16	.....	.....	.....	.....	.....	.....	.....	2.17	− 2.13	0.89	0	6	19	7	4	s.	Jas. Milford.
Orleans	Harlan	1,993	4	.....	.....	.....	.....	.....	.....	.....	1.11	.....	0.60	0	3	.....	.....	.....	.....	Jas. McGeachin.
Osceola	Polk	1,644	14	78.3[e]	.....	104	29	56	13	33[i]	1.35	− 3.06	0.74	0	3	17	13	0	s.	G. T. Ray.
Palisade	Hitchcock	.....	3	.....	.....	.....	.....	.....	.....	.....	0.39	.....	0.34	0	2	.....	.....	.....	.....	E. E. Young.
Palmyra **	Otoe	1,142	18	78.7	+ 7.3	102	29	62	12	.....	0.49	− 4.27	0.36	0	3	25	5	0	s.	Thos. Coles.
Pawnee City	Pawnee	1,175	15	79.8	.....	105	25	49	13	42	0.81	− 4.18	0.60	0	3	26	3	1	s.	F. A. Barton.
Paxton	Keith	3,060	4	.....	.....	.....	.....	.....	.....	.....	1.77	.....	0.98	0	4	15	14	1	se.	H. D. Lute.
Plymouth	Jefferson	1,419	7	78.0	.....	107	25	49	13	42	1.05	.....	0.91	0	3	13	12	5	s.	John Ruppel.
Purdum	Blaine	.....	11	72.8	+ 5.8	106	29	44	12	43	1.08	− 1.86	0.65	0	5	18	11	1	se.	T. C. Jackson.
Ravenna	Buffalo	2,028	34	77.4	+ 8.2	104	29	47	13	47	1.56	− 2.32	0.70	0	5	26	2	2	s.	H. G. Smith.
Red Cloud	Webster	1,687	20	78.3	+ 5.7	103	8	48	13	45	2.23	− 2.42	1.45	0	6	27	2	1	s.	Chas. S. Ludlow.
St. Libory	Howard	1,887	16	.....	.....	.....	.....	.....	.....	.....	0.75	− 3.67	0.62	0	2	20	10	0	se.	W. I. Meader.
St. Paul	....do	1,796	17	77.5	+ 6.9	103	24	50	13	39	1.16	− 3.83	0.58	0	5	24	6	0	sw.	Paul Anderson.
Santee	Knox	.....	24	76.6	+ 5.6	102	8†	50	6†	51	1.30	− 2.94	0.55	0	5	19	11	0	se.	Nat H. Neff.
Sargent	Custer	2,339	17	73.6	.....	104	29	49	13	45[b]	0.58	− 2.99	0.23	0	3	.....	.....	.....	se.	J. L. Ferguson.
Schuyler	Colfax	1,357	19	77.4	.....	104	8†	48	13	41	0.65	− 3.74	0.30	0	4	22	8	0	s.	J. T. Sumner.
Scottsbluff	Scotts Bluff	3,888	5	70.2	.....	96	24†	40	12	50	2.71	.....	2.33	0	7	24	5	1	se.	A. B. McCoskey.
Seward	Seward	1,435	21	77.2	+ 5.0	103	28†	49	12	46	0.70	− 3.79	0.70	0	1	24	6	0	s.	Chi., Burl. & Quincy R. R.
Sheridan	Wheeler	.....	3	.....	.....	.....	.....	.....	.....	.....	1.03	.....	0.33	0	6	24	6	0	s.	J. M. Kenney.
Sidney	Cheyenne	4,090	19	.....	.....	.....	.....	.....	.....	.....	3.02	+ 1.17	2.26	0	5	25	4	1	se.	John P. Fischer.
Springview	Keyapaha	.....	20	73.6	+ 6.4	108	29	45	6	44	1.22	− 2.43	0.62	0	5	16	10	4	se.	C. L. Phelps.
Stanton	Stanton	1,472	21	74.9	+ 5.9	99	9	52	1	41	5.16	+ 0.88	2.25	0	6	20	10	0	se.	Alfred Pont.
Stratton	Hitchcock	2,804	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Stella Vennum.
Superior	Nuckolls	1,574	27	.....	.....	.....	.....	.....	.....	.....	0.90	− 3.34	0.90	0	1	.....	.....	.....	.....	F. V. Bishop.
Syracuse	Otoe	1,059	20	77.5	+ 6.1	104	29	49	12	45	0.74	− 3.24	0.43	0	4	20	9	1	se.	W. N. Hunter.
Tablerock	Pawnee	1,023	23	.....	.....	.....	.....	.....	.....	.....	1.06	− 4.18	0.33	0	4	24	6	0	s.	E. D. Howe.
Tecumseh	Johnson	1,113	34	79.0[d]	+ 6.6	106	25	47	13	46[d]	0.46	− 4.54	0.34	0	2	18	10	2	.....	F. B. Thurber.
Tekamah	Burt	1,000	21	76.6	+ 6.2	103	29	55	1†	46	1.62	− 4.14	1.15	0	5	19	5	6	s.	Dr. A. D. Nesbit.
Tobias	Saline	1,597	2	.....	.....	.....	.....	50[i]	12	.....	1.20	.....	0.80	0	3	.....	.....	.....	s.	Frank Ainsworth.
University Farm	Lancaster	.....	27	78.4	+ 8.0	103	25	51	13	40	0.78	− 3.65	0.65	0	4	21	7	2	.....	S. W. Perin.
Valentine	Cherry	2,613	23	73.3	+ 6.2	103	29	47	6	45	0.99	− 2.82	0.41	0	7	16	14	0	s.	U. S. Weather Bureau.
Wahoo	Saunders	1,181	9	.....	.....	.....	.....	.....	.....	.....	0.77	.....	0.42	0	4	21	9	0	sw.	W. T. Mauck.
Wakefield	Dixon	1,387	17	75.2	+ 7.0	101	8	47	13	42	2.82	− 1.90	1.77	0	7	19	9	2	s.	I. H. Weaver.
Walthill	Thurston	.....	9	75.0[j]	.....	101	10	46	13	40[j]	2.78	.....	1.20	0	8	.....	.....	.....	s.	A. P. Coleman.

TABLE 1.—*Climatological data for June, 1911. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Nebraska—Contd.																				
Watertown	Buffalo	2,299	6								1.52		0.53	0	4	18	12	0	sw.	R. E. Swift.
Wauneta	Chase		13								1.35	− 2.41	0.65	0	3					C. D. Fuller.
Weeping Water	Cass	1,080	34	77.8		105	29	48	13	44	0.39	− 4.50	0.20	0	4	29	0	1	s.	S. W. Orton.
Westpoint	Cuming	1,313	26	77.8	+ 7.6	105	8	51	13	37	3.90	− 1.46	2.53	0	4				se.	J. C. Elliott.
Wisner	do	1,380	15								2.99	− 1.96	1.18	0	4	29	1	0		F. C. Evans.
York	York	1,633	23	78.3	+ 5.7	104	8	48	13	42	0.35	− 3.81	0.35	0	1	27	1	2	se.	A. T. Glauque.
Iowa.																				
Afton	Union	1,212	17	77.8	+ 7.0	98	30	55	13†	28	0.17	− 3.99	0.12	0	3	27	2	1	sw.	Hon. N. W. Rowell.
Allerton	Wayne		9	77.6		100	29	53	1†	33	1.21		0.60	0	5	29	0	1	sw.	Mrs. Geo. Shriver.
Alton	Sioux	1,305	6	75.4		103	8	50	1	39	1.71		1.29	0	6	18	12	0	se.	W. S. Slagle.
Atlantic	Cass	1,164	20	77.0	+ 7.9	100	29	52	13	36	0.31	− 5.10	0.15	0	5	12	13	5	se.	Thos. H. Whitney.
Audubon	Audubon	1,301	17	74.9	+ 6.8	99	29†	51	27	46	0.42	− 3.43	0.25	0	4	21	7	2	sw.	Geo. E. Kellogg.
Bedford	Taylor		11	76.8	+ 8.5	100	25†	50	13	42	0.76	− 3.71	0.50	0	3	25	3	2	sw.	E. E. Healy.
Centerville	Appanoose		1	79.2		102	29	53	1	34	0.13		0.10	0	2	27	3	0	s.	Gordon Peacock, Jr.
Chariton	Lucas	1,042	16	75.6	+ 6.4	99	29	50	28	35	1.78	− 2.94	1.30	0	2	24	4	2	se.	C. C. Burr.
Clarinda	Page	1,009	21	75.2	+ 4.2	102	8	52	13	40	0.76	− 4.14	0.42	0	3	23	2	5	s.	A. S. Van Sandt.
Corning	Adams	1,117	19	76.7	+ 7.2	100	30	49	13	39	1.01	− 3.04	0.64	0	2	19	8	3	s.	Jerome Smith.
Corydon	Wayne	1,101	18	77.7	+ 7.8	100	29†	52	28	32	1.30	− 3.35	0.90	0	2	22	7	1	se.	T. T. C. Bowen.
Council Bluffs	Pottawattamie		1	75.8		101	8†	47	13	41	1.39		0.46	0	5	12	11	7	se.	B. W. Crossley.
Creston	Union	1,312	6	76.0		100	30	52	1	43	0.29		0.07	0	6	15	11	4	sw.	O. J. Colby.
Cumberland	Cass		12								0.27	− 4.41	0.25	0	2	25	3	2	sw.	J. H. Reppert.
Denison	Crawford	1,180	17	75.4	+ 7.6	100	30	42	15	45	2.30	− 1.12	1.85	0	5	26	4	0	s.	W. C. Van Ness.
Elliott	Montgomery		6	76.1		99	29†	46	13	38	0.63		0.43	0	3	22	8	0	se.	Henry Barnes.
Greenfield	Adair		19	75.3	+ 5.4	98	29†	52	13	32	1.14	− 4.08	0.78	0	3	23	7	0	sw.	R. B. Oldham.
Harlan	Shelby	1,182	12	74.5	+ 6.0	98	29	50	13	35	1.39	− 3.23	1.20	0	6	17	11	2	s.	C. A. Reynolds.
Inwood	Lyon	1,474	7	75.5		103	8	50	13	37	3.12		1.66	0	8	21	9	0	s.	F. B. Hanson.
Lamoni	Decatur		4	77.4		102	30	53	1†	34	0.77		0.40	0	4	26	1	3	se.	T. J. Fitzpatrick.
Larrabee	Cherokee	1,266	21	75.2	+ 6.7	104	8	47	13	53	2.48	− 3.00	2.00	0	5	21	8	1	s.	Alonzo Pruitt.
Le Mars	Plymouth	1,224	15	74.4	+ 6.1	97	8	51	13	32	4.79	+ 0.63	3.55	0	8	13	17	0	se.	G. A. C. Clarke.
Lenox	Taylor	1,250	16	77.1	+ 7.8	100	29	51	13	33	0.39	− 3.88	0.32	0	3	25	4	1	s.	J. L. Hurley.
Leon	Decatur	1,120	9	79.6		102	29†	53	28	38	0.78		0.78	0	1	26	2	2	sw.	Morris Gardner.
Little Sioux	Harrison		6	76.6		101	8†	47	13	38	2.29		1.69	0	7	23	5	2	se.	Geo. H. Gibson.
Logan	do	928	44	76.0	+ 6.1	101	29	50	13	43	0.95	− 1.05	0.56	0	5	13	17	0	se.	Glenn H. Stern.
Mount Ayr	Ringgold	1,236	18	77.3	+ 7.3	101	30	54	13†	40	1.53	− 3.19	0.95	0	3	21	7	2	sw.	A. F. Beard.
Murray	Clarke		20	78.0	+ 8.3	101	29†	52	28	35	0.47	− 4.22	0.33	0	4	21	7	2	se.	M. T. Ashley.
Odebolt	Sac		14	77.0	+ 7.5	102	25	51	28	36	2.30	− 1.72	1.18	0	5	26	4	0		E. Starner.
Onawa	Monona	1,051	11	77.8	+ 7.8	101	8	55	13	32	1.88	− 3.12	0.85	0	8	25	5	0	se.	C. G. Perkins.
Pacific Junction	Mills	960	12	77.0	+ 7.3	103	29†	47	13	40	0.33	− 4.13	0.15	0	3	20	10	0	s.	H. H. McCartney.
Rock Rapids	Lyon	1,358	12	75.9	+ 8.5	102	8†	50	7	42	1.95	− 2.76	0.92	0	5					W. C. Wyckoff.
Sheldon	O'Brien	1,422	11	76.2	+ 9.8	104	4	47	1	46	1.23	− 3.29	0.85	0	5	23	7	0	s.	Dr. A. W. Beach.
Sibley	Osceola	1,212	18	73.2	+ 7.2	100	8	50	28	46	2.37	− 2.15	1.80	0	6	16	13	1	se.	H. G. Doollittle.
Sioux Center	Sioux		12	75.1	+ 8.3	100	8	51	6	34	1.45	− 3.28	1.28	0	3				s.	J. de Ruyter.
Sioux City	Woodbury	1,135	22	76.0	+ 6.6	101	8	54	13	31	2.12	− 1.76	1.36	0	9	16	12	2	s.	U. S. Weather Bureau.
Spencer	Clay		1	75.1		100	22†	50	13†	37	1.17		0.67	0	4					S. Gillespie.
Thurman	Fremont		14	78.0	+ 7.0	102	25	48	13	40	0.32	− 5.93	0.22	0	5	13	16	1	se.	C. R. Paul.
Washta	Cherokee	1,157	13	74.2	+ 7.6	101	8	47	1	46	2.50	− 1.82	1.65	0	5	24	6	0	s.	H. L. Felter.
Woodburn	Clarke	961	12	77.5		101	9†	47	28	40	0.50	− 3.88	0.39	0	2	24	5	1	se.	C. B. McDonough.
Kansas.																				
Abilene	Dickinson	1,157	16								0.44	− 4.68	0.16	0	4	13	13	4	s.	T. W. Sherman.
Agricultural College	Riley	1,100	53	80.6	+ 6.9	112	25	45	13	48	0.10	− 4.55	0.10	0	1	27	2	1	s.	Prof. J. O. Hamilton.
Alton	Osborne	1,651	9	81.5		110	25	50	13	46	0.36	− 3.85	0.14	0	4	23	6	1	s.	H. A. Storer.
Atchison	Atchison	973	20	79.8	+ 7.3	102	25	56	14	37	0.61	− 4.05	0.35	0	4	17	11	2	s.	Prof. M. F. Troxell.
Beloit	Mitchell	1,383	16	80.3		112	25	48	13	44	0.74	− 4.05	0.30	0	6	13	16	1	se.	F. A. Slack.
Blakeman	Rawlins	2,894	14	76.2		106	29	44	12	49	0.44	− 2.59	0.30	0	3	26	2	2	sw.	C. L. Henderson.
Blue Rapids	Marshall	1,105	5								0.03		0.03	0	1	20	6	4	se.	M. Norton.
Centralia	Nemaha	1,256	2	79.5		107	25	50	13	40	0.41		0.19	0	3	22	6	2	se.	N. S. Hazen.
Chapman	Dickinson	1,113	7	81.6		112	25	49	13	42	0.13		0.13	0	1	26	3	1	s.	Dr. R. McShea.
Clay Center	Clay	1,203	10	81.6		116	25	48	13	47	0.08		0.08	0	1	16	8	6	s.	O. L. Slade.
Colby	Thomas	3,138	20	76.6	+ 6.6	105	29	48	12	43	1.15	− 2.13	0.54	0	4	17	13	0	sw.	G. H. Kinkel.
Concordia	Cloud	1,398	27	80.4	+ 7.7	110	25	55	13	36	0.85	− 4.12	0.48	0	5	13	15	2	s.	U. S. Weather Bureau.
Densmore	Norton	2,200	2	81.0		107	24†	55	12†	44	0.30		0.28	0	2	7	22	1	e.	J. J. Griffith.
Dresden	Decatur	2,731	17	77.3	+ 7.3	106	24	50	12	46	0.58	− 3.06	0.47	0	2	23	3	4	se.	Jacob Bock.
Ellsworth	Ellsworth	1,537	7	79.6		115	25	47	13	48	1.20		0.46	0	5	19	10	1	s.	Geo. Seitz.
Enterprise	Dickinson	1,144	9	82.3		112	25	50	13	41	0.18	− 4.94	0.14	0	2	20[a]	7[a]	2[a]	s.	H. O. Wagner.
Eskridge	Wabansee	1,412	5	80.4		107	25	57	12	35	0.17		0.12	0	2	19	11	0	s.	Geo. D. West.
Farnsworth	Lane	2,850	10	78.3	+ 7.3	109	25	44	12	53	0.89	− 2.20	0.40	0	4	27[b]	1[b]	0[b]	s.	C. M. Jennison.
Fort Scott	Bourbon	857	36	81.1	+ 7.7	103	10†	52	13	41	1.62	− 4.96	0.63	0	7	24	2	4	sw.	E. A. Shaver.
Frankfort	Marshall	1,146	17	79.9	+ 6.4	114	25	46	13	49	0.22	− 5.14	0.22	0	1	20	10	0	sw.	E. C. Dunham.
Garnett	Anderson	950	5			104	16†	60	20	36[a]	0.07		0.05	0	2	8[a]	7[a]	1[a]		D. D. Judy.
Goodland	Sherman	3,687	4																	C. C. Calvert.
Gove	Gove	2,750	22	79.4	+ 8.1	110	25	48	11†	50	0.13	− 3.38	0.10	0	3	24[a]	5[a]	0[a]	sw.	Jesse Royer.
Hanover	Washington	1,225	14	81.8		114	25	50	13	45	0.12	− 4.86	0.12	0	1	25	4	1	s.	A. Jaedicke, jr.
Harrison	Jewell	1,804	10	79.4	+ 9.2	106	25	50	13	42	0.84	− 3.68	0.58	0	4	28	1	1	se.	Mahlon Tegley.
Hays	Ellis	2,000	43	78.8	+ 7.2	114	25	47	12	48	0.81	− 2.27	0.66	0	2	25	3	2	sw.	G. K. Helder.
Hill City	Graham	2,134	3	79.0		168	25	49	11	47	0.14		0.08	0	2	23[b]	5[b]	0[b]	se.	I. R. Mort.
Horton	Brown	1,188	22	77.6	+ 5.0	103	25	55	13	36	2.45	− 2.30	1.26	0	4	19	2	9	s.	Mrs. S. C. Belden.
Jewell	Jewell	1,540	6								0.79		0.49	0	3	26	4	0	s.	C. A. Shinn.
Lawrence	Douglas	997	43	80.3	+ 7.1	102	25	58	13	31	1.99	− 2.91	1.49	0	5	16	11	3	s.	Prof. H. P. Cady.
Leavenworth	Leavenworth	913	67	81.3	+ 7.9	102	8	59	1†	32	0.45	− 4.70	0.18	0	5	23	4	3	s.	F. H. Lemon.
Lebanon	Smith	1,812	13	80.6[j]	+ 9.3	107	25	58	27	42	0.85	− 3.08	0.47	0	3	16[j]	1[j]	3[j]	s.	E. V. Bower.
Lindsborg	McPherson	1,333	5																	A. J. Frederickson.
Mankato	Jewell	1,784	2	79.5		108	25	53	12	40	0.65		0.50	0	2	14	10	6	se.	W. F. Isaac.
Minneapolis	Ottawa	1,259	21	80.2	+ 6.6	111	25	53	13	37	0.42	− 4.13	0.16	0	6	27	1	2	s.	J. L. Steele.
Moran	Allen	1,098	15	81.8	+ 8.4	103	8†	51	13	42	0.28	− 4.84	0.18	0	3	25	5	0	sw.	C. J. Norton.
Natoma	Osborne	1,834	2								0.45		0.45	0	1	27	3	0	se.	C. O. Hunt.
Norton	Norton	2,284	13	81.2	+10.6	106	7	54	19	40	0.19	− 3.86	0.15	0	2	15	15	0	se.	Sim Sieffel.
Oberlin	Decatur	2,539	24								0.82	− 2.46	0.49	0	6	26	4	0	sw.	I. K. Huber.
Oketo	Marshall	1,194	3	81.0		111	25	52	13	38	0.02		0.01	0	2	12	17	1	se.	J. A. Church.
Olathe	Johnson	1,032	16	81.8	+ 9.1	105	8†	54	13	37	0.18	− 4.48	0.09	0	4	17	11	2	s.	Dr. S. B. S. Wilson.
Osage City	Osage	1,081	12	79.8		106	25	52	13	39	0.31	− 4.68	0.17	0	3	18	6	6	s.	W. C. White.
Ottawa	Franklin	926	17	80.3	+ 7.4	104	25	51	13	39	0.98	− 5.35	0.44	0	7	23	4	3	s.	H. F. McDougal.
Phillipsburg	Phillips	1,939	20	80.1	+ 8.5	109	7	52	12†	48	0.75	− 3.62	0.44	0	3	24	6	0	se.	N. E. Bailey.

TABLE 1.—*Climatological data for June, 1911. 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*—Contd.**																				
Plainville	Rooks	2,156	5								0.45		0.25	0	2	28	2	0	s.	F. D. Spellman.
Pleasanton	Linn	802	9	79.8		101	25	54	13	36	0.63		0.46	0	4	27	2	1	sw.	B. F. Blaker.
Republic	Republic	1,495	8	80.3		111	25	50	21	50	0.67		0.33	0	3					J. W. Ambrose.
Russell	Russell	1,834	12	80.4	+ 7.6	113	25	44	13	51	0.36	− 4.38	0.26	0	2	26	3	1	s.	Robert Brebner.
Russell Springs	Logan		1	78.2		107	24	45	12	51	1.02		0.82	0	3	21[a]	7[a]	1[a]	se.	D. J. Hutto.
St. Francis	Cheyenne	3,288	3	77.5		107	28†	34	12	48	0.34		0.23	0	3	18	11	1	s.	J. E. Uplinger.
Salina	Saline	1,227	27	81.2	+ 7.6	114	25	52	13	39	1.01	− 3.78	0.34	0	5	20	9	1	s.	Prof. A. W. Jones.
Scott	Scott	2,971	5	78.2		108	24†	48	12	46	0.74		0.43	0	3	20	10	0	s.	J. B. Loughran.
Smith Center	Smith	1,800	1								1.04		0.72	0	2	19	11	0	se.	W. H. Nelson.
Topeka	Shawnee	997	25	80.8	+ 7.3	106	25	57	13	31	0.55	− 4.26	0.32	0	4	21	7	2	s.	U. S. Weather Bureau.
Valley Falls	Jefferson	913	12	79.6	+ 7.0	104	25	52	13	35	1.02	− 3.72	0.32	0	4	24	4	2	se.	Miss Nettie Maxwell.
Vinland	Douglas	880	2								0.64		0.53	0	3					A. Schick.
Wakeeney	Trego	2,456	28	79.2	+ 6.8	110	25	52	13	48	0.45	− 2.70	0.13	0	4	28	2	0	se.	A. S. Peacock.
Wallace	Wallace	3,303	41	77.7		104	24	47	12	48	1.26	− 1.24	1.06	0	3	7	22	1	sw.	M. T. Griggs.
Wamego	Pottawatomie	1,002	18								0.03	− 5.24	0.03	0	1	18	9	3	sw.	M. L. Stone.
Missouri.																				
Amoret	Bates	850	3	80.8		103	16†	53	13	40	0.66		0.32	0	3	19	4	7	sw.	Darby fruit farm.
Appleton City	St. Clair	853	21	80.8	+ 6.6	106	24	55	1	40	0.81	− 5.12	0.35	0	5	12	16	2	sw.	T. C. Brown.
Arlington	Phelps	695	22								2.07	− 1.74	0.70	0	5	15	9	6	s.	George V. Randolph.
Arthur	Vernon	767	19	78.9	+ 6.4	102	16	54	14	42	0.56	− 6.07	0.30	0	3	15	15	0	sw.	J. T. Armstrong.
Avalon	Livingston		25	79.2	+ 7.2	101	10†	56	13†	37	0.45	− 4.61	0.25	0	2	25	4	1	sw.	F. G. Ashbaugh.
Bagnell	Miller	594																		W. S. Brockman.
Bethany	Harrison	881	22	78.4	+ 7.0	99	30	54	14	32	1.08	− 3.21	0.73	0	2	26	3	1	sw.	W. H. Skinner.
Bolivar	Polk	1,070	24	78.6	+ 6.5	102	10	50	14	41	2.22	− 3.34	1.46	0	8	18	12	0	sw.	E. Waltz.
Boonville	Cooper	600	36								1.06	− 4.89	0.26	0	7	18	5	7	se.	C. Randecker.
Brunswick	Chariton	652	31	80.8	+ 7.6	102	5†	56	1	38	0.42	− 5.27	0.15	0	5	18	6	6	s.	Louis Beneke.
Columbia	Boone	784	22	78.7	+ 4.2	102	10	54	1	34	0.59	− 3.79	0.15	0	6	19	10	1	s.	U. S. Weather Bureau.
Conception	Nodaway	982	28	78.4	+ 7.7	100	8†	52	17	31	0.62	− 4.14	0.30	0	3	21	8	1	s.	Fr. Adhelm Hess.
Eldorado Springs	Cedar	750	6	80.6		110	21	55	13	50	2.00		0.57	0	4	19	8	3	sw.	Samuel Graham.
Fayette	Howard	725	29	79.5	+ 6.3	100	10†	58	1	31	0.83	− 4.08	0.37	0	5	24	3	3		Prof. T. Berry Smith.
Fulton	Callaway	818	20																	Dr. J. L. Brenneman.
Glasgow	Howard	618	34								0.53	− 4.14	0.36	0	4	23	4	3	se.	J. J. Shaughnessy.
Grant City	Worth	1,130	20	78.6		103	29	56	28	47	0.69	− 3.90	0.42	0	3	26	2	2	sw.	W. H. Campbell.
Harrisonville	Cass	912	39	82.0	+ 8.8	106	10	58	1†	41	0.11	− 4.65	0.05	0	5	15	7	8	sw.	A. J. Sharp.
Hazelhurst	Livingston		19								0.68	− 3.64	0.30	0	4					W. H. Baker.
Hermann	Gasconade	482	38								2.09	− 2.58	0.70	0	9	16	5	9	e.	C. T. Maushund.
Houston	Texas	1,280	19	76.9	+ 5.0	101	10†	50	13†	44	3.07	− 2.11	1.17	0	6	6	24	0	s.	E. Dempsey.
Jefferson City	Cole	628	30	78.4	+ 4.4	103	30	55	1†	37	0.96	− 3.36	0.28	0	8	25	0	5	s.	Miss Emma Swift.
Kansas City	Jackson	963	22	80.8	+ 7.8	100	25	62	13	28	0.33	− 4.33	0.12	0	5	15	14	1	s.	U. S. Weather Bureau.
Kidder	Caldwell	1,017	19	78.4	+ 6.4	99	29†	54	13	29	0.36	− 4.48	0.20	0	4	22	6	2	sw.	J. F. Sharp.
Lamonte	Pettis	863	23	80.9[f]		103	10†	54	13	37[g]	2.54	− 2.26	0.70	0	6	10[g]	8[g]	5[g]	s.	Dr. W. E. Walker.
Lebanon	Laclede	1,265	23	78.8	+ 3.8	101	9	56	1	39	1.77	− 3.74	1.10	0	4	15	10	5	s.	M. W. Serl.
Lexington	Lafayette	813	30	79.8	+ 7.6	101	10†	56	1	34	0.28	− 4.95	0.20	0	3	27	0	3	s.	J. W. Keithley.
Liberty	Clay	864	23	80.7	+ 7.4	102	8†	57	2	42	0.08	− 5.13	0.08	0	1	19	11	0	sw.	W. C. Wilmott.
Lockwood	Dade	1,088	17	80.4		102	10	55	15	35	1.55	− 3.47	1.02	0	5	25	5	0	se.	C. S. Crow.
Marshall	Saline	779	19	79.3	+ 6.7	101	16	56	1	34	0.24	− 4.71	0.20	0	2	25	5	0	sw.	Dr. W. H. Black.
Marshfield	Webster	1,492																		C. A. McCombs.
Maryville	Nodaway	1,160	22	77.6	+ 7.1	100	25†	56	13	37	1.06	− 3.95	0.58	0	4	21	6	3	s.	J. R. Brink.
Mt. Vernon	Lawrence	1,480	33	79.1	+ 5.9	101	17	50	13	41	4.35	− 0.97	1.82	0	7	19	7	4	sw.	J. R. White & Son.
Nevada	Vernon	860	18								1.00	− 4.85	0.39	0	4	26	4	0	sw.	C. Jewell.
Oregon	Holt	1,113	56	77.0	+ 4.7	100	25	56	13	35	0.28	− 4.62	0.09	0	4	22	4	4	se.	Tom Curry.
Osceola	St. Clair	738	12								1.91	− 3.31	0.53	0	5	22	5	3		W. E. Matthews.
Pattonsburg	Daviess		2								0.61		0.48	0	2	25	0	5	se.	Wm. Burton.
Rolla	Phelps	1,092	31	78.4	+ 6.8	100	9†	57	13	37	1.86	− 2.51	0.71	0	9	19	4	7	se.	Prof. P. J. Wilkins.
St. Charles	St. Charles	614	34	81.4	+ 7.8	102	16	54	1	36	1.61	− 2.59	0.83	0	5	21	5	4	s.	L. C. Saeger.
St. Joseph	Buchanan	825	40	80.0		100	8	58	13	32	0.27	− 4.82	0.10	0	5	16	11	3	se.	U. S. Weather Bureau
St. Louis	St. Louis City	567	40	79.4	+ 4.3	98	10	63	1	27	1.34	− 3.13	0.48	0	8	12	13	5	s.	Do.
Sublett	Adair	1,000	32	79.0	+ 7.4	101	30	51	1	34	0.40	− 4.33	0.35	0	2	14	15	1	sw.	Lewis Spriggs.
Trenton	Grundy	812	17	78.6	+ 6.7	98	30	56	13	30	1.12	− 3.08	0.44	0	5	25	3	2	s.	W. H. Estes.
Unionville	Putnam	1,072	19	77.2	+ 5.0	100	30	52	28	37	0.48	− 4.07	0.30	0	3	20	5	5	s.	Geo. W. Davis.
Warrensburg	Johnson	883	33	80.6	+ 6.8	101	8†	56	1	34	0.67	− 4.31	0.25	0	5	21	8	1	sw.	A. F. Smithson.
Warrenton	Warren	865	22	76.3	+ 3.0	103	16	56	1	34	1.75	− 2.78	0.64	0	8	15	6	9	se.	Dr. John H. Frick.
Warsaw	Benton	700	8	79.7		105	10	45	1	42	1.48		0.52	0	9	17	12	1	sw.	Dr. J. R. Smith.
Wheatland	Hickory	920																		Mrs. S. A. Jackson.

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

TABLE 2.—*Daily precipitation for June, 1911. 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									0.17				0.10	0.43	0.33	0.34						0.06								0.10	1.53
Barnum	Powder									.25				.53	.27	T.			T.	.20												1.25
Basin	Bighorn															.34																0.34
Bennett	North Platte								.16								1.04		.13			.22		.46	.13							2.14
Big Creek Station	do								.14	T.					T.	.34	.83	.01			T.	.20	T.			.02						1.54
Burns	South Platte						.02		T.							T.	.92						2.01								T.	2.95
Casper	North Platte											.30										.25						.60				1.15
Centennial	do							.05	.29				T.	.01		.06	1.02	.14			.42	.44				T.	T.	T.		T.	T.	2.43
Cheyenne	South Platte					T.	T.	T.	.01				.01		.57	.53				.01	.21	.28	.02		T.							1.64
Chugwater	North Platte															.02	.75					.35	.02									1.14
Clark	Clarks Fork													T.		.08	.03	.02			.03		T.					T.		.07	.10	0.33
Cody	Bighorn																															
Crazy Creek	Clarks Fork	1.20	.16		.14				.13	.17				.06		.35	.03			.03			.03	.07				.02	.15	.27	.17	2.98
Dome Lake	Tongue									.50				.50		1.00														.50		2.50
Douglas	North Platte								T.	.33						1.84				.13									T.			2.30
Dubios	Bighorn		.29							.66						.85		.67		.18	.08	.14								.08	.30	3.35
Eatons Ranch	Tongue	.24								.13					.01	.75				T.	T.	.17										1.30
Echeta	Powder									.30					.65	.08	.28						.05									1.36
Elk Mountain	North Platte							.03	.24	.17					.25	.26	1.16			.11		.45		.05								2.72
Encampment	do							T.	.15	.04				.09	.06	.03	.64		.08	.05	T.	.07	.03			.02				T.		1.26
Ervay	do																															
Ft. Laramie	do																1.30	.10					.20				T.		T.			1.60
Fox Park	do								T.				T.	.20	T.	.45	.63				.85	.09	.38			.07						2.67
Germania	do	.15	.05											T.	T.	.08	.07	T.				.01						T.			T.	9.36
Gillette	Powder	.02	T.						.56					T.	.03	T.						.10	.01									0.72
Horse Creek	Bighorn	.26		T.						.54					T.	.89	.70	.41		.44	.05	.09		T.				T.	.04	.15	.30	3.87
Hunters Station	Powder	.20		.08						.34				.28		.70	.18				1.04	.44	.18									3.44
Hyattville	Bighorn																															
Jireh	Niobrara						.05		T.	.08					T.	.40	.41					.20										1.14
Kirtley	do							.04			.09					.15	1.24							.02								1.54
Knowles	Belle Fourche	.25								.09				.10		.53																0.97
Lagrange	North Platte	.01				.01				.01							1.32					.21	.07									1.63
Lander	Bighorn	.12						T.		.08				T.	.10	1.31	.39			T.	T.	T.	T.	T.				T.		.04	T.	2.04
Laramie	North Platte								.03						.02	.02	.84	.01		T.	.07	.16	T.			.10	.01		T.			1.26
Leo	do																															
Lolabama Ranch	Bighorn																															
Lovell	do	.08						T.		T.						.09	.02							.04							.14	0.37
Lusk	Niobrara						T.								T.	.96																0.96
Manville	do						.15		T.	.11						.50	1.11					.30										2.17
Moore	North Platte								.04				T.	.58	T.	.18	.91	.01			.06	.01				T.						1.79
Newcastle	South Fork of Cheyenne.						.14			T.	.42											T.	T.	.02						T.	T.	0.58
Pathfinder	North Platte								T.	.05	.04				.05	.31	.23				.02									.03	T.	0.73
Phillips	do																															
Pine Bluff	South Platte						1.22		.08							.32	1.13	.14				.23					T.					3.12
Powell	Bighorn	.24								.07						.08				.05				.69						.15	.05	1.33
Rawlins	North Platte		T.					T.	T.	.03	.02			T.	.07	.32	.65				.02	.04	T.			T.			.11	T.		1.26
Rocky Point	Powder									.25				.30	.20	.10					.01	.41							.05	.01		1.33
Saratoga	North Platte							T.	.38	.24				T.	.02	.14	1.15				T.	.05				T.						1.98
Seven Mile Creek	do							.03									1.05	.10		.02	.26	.27				T.	.10					1.83
Sheridan	Tongue	T.	.05							.22				.01	.21	.95	T.		.07	T.	.01		T.								.06	1.66
Shoshone Dam	Bighorn	.42								.06				.05		.33	.17						T.					T.		T.	.67	1.70
Soldiers Home	Powder		.02							.34						.26						.82										1.44
South Pass City	North Platte	.25	T.							.10			T.	.03	T.	.67	.18	.06	.01	.02	T.								.01	.06	.06	1.45
Thermopolis	Bighorn	.05							.38					.01		1.15	.18			T.												1.77
Upton	South Fork of Cheyenne.																															
Valley	Bighorn	.31	.01		.04				.02	.25						.73	.03	.18		.01			.07							.08	.09	1.82
Verona	Tongue	.12							.22				.11		.23	.62								.10								1.40
Wheatland	North Platte								.05							.39	.90				.07	.04										1.45
Wiantsranch	do			T.					.25	.24					.21	.35	.71	.01		T.	.08	.01	.03	.01		.02						1.92
Woodrock	Tongue		.10						T.	.18	.09			.11	.10	.79	.06	.07		T.	.05	T.	.21	.06							.09	1.91
Worland	Bighorn	.08								.21						.16	.10														T.	0.45
Wyncote	North Platte								.12						.04	1.92	.50					.09	.03									2.70
Yellowstone Park	Yellowstone	.94	.01		.09		T.	.09	.07				T.	.01	.02	.19		.18		.07	.13	.04	T.	T.				.04	.03	.37	.02	2.20
(1) Fountain	Madison	.16			.19										.10	.50				.20	.10									.20		1.45
(2) Gallatin	do																															
(3) Grand Canyon	Yellowstone	.65	.15	.02	.34		T.	T.	.03	T.				.03	.10	.52	.05	.20		.36	.16	.06		T.	.01			.02	.09	.82	.02	3.63
(4) Lake Yellowstone.	do	.33			.13											.19		.10		.10	.30								.90	.80		2.85
(5) Norris	do	.52	T.		.10				.14						T.	.48	T.	.06		.10	.24	T.		T.						.62	T.	2.26
(6) Riverside	Madison	.33	.20	.15	.21				.41	.10					.07	.56	.01	.03	.04	.06	.26	.45	.07	.11					.20	.64	.05	3.95
(7) Soda Butte	Yellowstone	.98	.18		.08					.04				.03	.03	.21	.04	.05		.05	.18	.02						.02	.03	.45	.14	2.53
(8) Sylvan Pass	Bighorn	.44	.25	T.	.25	.29		T.	.30	.33					T.	.25	.03	T.		.13								.10	.21	.36	.39	3.33
(9) Thumb	Yellowstone	T.			T.	T.			T.							T.	T.		T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	.10	.80	T.	0.90
(10) Tower Falls	do	.09	.02	.01	.02					.01					.02	.60		.70		.52	.12									.42		2.53
(11) Upper Geyser Basin.	Madison	.10	.20	T.	.40		.01	.04	.20							1.00		.01														1.96
Montana.																																
Adel	Yellowstone																															
Agricultural College	Gallatin																															
Augusta	Sun	.32	.11		.15			.68	.34						.25	.55	.02		.35	.02	.25		.15	.26	.63	.02		.19		.16	.31	4.76
Babb	Milk				.01			.17	.07					.03	.02						.19		T.		1.75	.33			.01		.65	3.23
Bald Butte	Missouri	.04	.04	.01	.27			.26	.63				T.	.13	.10	.03		T.		1.10	.53	.50			.35	T.		.25	.13	.31	.17	4.85
Bigtimber	Yellowstone	.90	.15										.30								.26							.50			.26	2.37
Bigtimber Creek	do	1.17		.17				T.		.13						.65		.06		.38	.23	.05	.37					.04			.18	3.43
Billings	do	.65	.02	.03						.25				.15						.35		.04									.10	1.59
Blackleaf	Missoula	.45	1.30		.28			.54	.16				.15		.06	.29				.21	.41	.06	.18	.09	.80	.05	T.	.20	.15	.30	.18	5.86
Bloomfield	Yellowstone	.65	T.	.15						.75												.18	.22		T.	T.				.14		2.09
Boulder Nursery	Jefferson	.45	.26	.02	.53	.04	.03	.27	.43	.08					.50			.05		.29	.13	.02			.22	.02		.05	.07	.11	.05	3.62
Bowen	do	.23	.01		.82			.47	.37						.04	.05		.06			.20	.20		.01	.14			.18	.05	.17	.60	3.60
Bridger	Yellowstone	.25								.07				.35	.25						.28											1.20
Broadview	do	.45								.20										.12	.11								.05		.15	1.08
Busby	do	.85	.02						.07	.33				.33		.25								.60					.04		.06	2.55
Busteed	do	1.22	.24	T.	.01	T.			.08	.05			.23	.02		T.				.02	.17	.02						.05		.01		2.12
Cabin Creek	Jefferson																															
Canyon Ferry	Missouri	.03	.04	.09	.53			.51	.13				.02		1.06			.16	.15	.39	.06		.09	T.	.65				.23	.57	.01	4.72
Cascade	do	T.	.03	.01	.44		T.	.19	.45				T.		.37		.01		.37	.47	.12	.21	.02	.04	.42	T.		.02	.17	.10	.01	3.45
Chessman Reservoir	do	.17	.18	.12	.60	.10		.39	.40				.18	.35	.05			.10	.35	.40	.28		.08		.50	.07		T.		.44	.35	5.11
Chester	do			.05	.16			.30	.26						.30	.02		.12		.17	.10		.66	.06	.13				.35			2.68

TABLE 2.—*Daily precipitation for June, 1911. District No. 6*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total.
Montana—Contd.																																
Chinook	Milk				.45			.06	.09						.27				.12		.05	.22		T.	.04	.21				.25		1.76
Chouteau ‖	Missouri																															
Clearcreek	Milk		.09		.58			.30							.12					.07	T.			.53	.03	.72			.12		.06	2.62
Clemons	Missouri	.21	.19	.04	.05			.60	.45	.02			.10		.14				.04	.09	.50		.17	.10	.47	.01		.08	T.	.21	.09	3.56
Clydepark	Yellowstone	1.04	.15	.04	.13		T.		.01	.21				.04	.04	.01			.03	T.	.38	.02	.65			T.			.04	.05	.06	2.90
Conrad	Marias	.03			.11			T.											.15	.25	.04	.20	.01	1.55	.98	T.	.31			.17	.45	4.25
Copper	Musselshell	.25	T.			.30	.08	T.	.42	.07			T.		.44	.50				.06	.08		T.	.15	.03			.16	.26	.02	.10	2.92
Crow Agency	Bighorn	.39	.01							.56	.01			.17		.22					.11	.08		.10							.50	2.15
Culbertson	Missouri	.74																				.15	.30			T.			.04	.25		1.48
Cummings	Bighorn													.10		.05		.54								.18				.24	.12	1.23
Cut Bank	Marias				.0											.09		.22			.26		1.10	.11	1.99	.70			.37	T.	.39	5.32
Decker	Tongue																															
Denton	Missouri																															
Dillon	Jefferson	.24	.01	T.	.0		.02	.11	.02		.03		.01	.03	.02	T.		.03	.01	.67	.76	.03			T.	.02			.17	.08	T.	2.30
Dirty Creek	Musselshell	.44	.16		.10		.05	.14	.42	.03					.25	1.00		.03			.44	.05	.19	.05						.07	.21	3.63
Dry Creek	Missouri	.43	.21	.06	.35		T.	.01	.42				T.	.03	.82	.23		T.		.05	.04							.01	.52	.09	.10	3.35
Dry Wolf Camp	....do	.22			.5		.01	.27	.78						.27	.04				.20	1.50			.01	.04	.42			.20	.13	.35	4.97
East Gallatin River	Gallatin	1.51	.31	.04					.20					.06	.04				.09	.18	.31	T.	.15					T.	.08	.05	.17	3.19
Ekalaka	Little Missouri		.15							.98	.16					.23							1.17		.17							2.86
Elkhorn	Je ferson	.3	.25	.02	.3	.05		.11	.28	.05	T.		.01		.42	.04	.03		T.	.51	.16	.02	.10	T.	.42	.09	T.	.21	.38	.11	.0	4.00
Evans	Missouri																															
Fallon	Yellowstone	.40	.26							.76					.18						.56	2.13		T.	.11		T.				.20	4.60
Fish Creek	Jefferson	1.06		.11	.48	.01	T.	.21	.38	.22				.10	.16			T.	.15	.18	.16		.33		.24	T.		.05	.24	.24	.30	4.62
Flathead Creek	Yellowstone	1.22	.28	.14	.72	.04		.04	.29	.04			T.	.08	.07	.02			.03	.33	.30	T.		.09	.02			.14	.63	.04	.11	4.63
Forsyth	....do																															
Fort Benton	Missouri					.25		.10		.06												.10			.18					.30	.70	1.69
Fort Shaw	Sun			.14	.49			.36	.21	.01					.05					.52	.06	.02		.04	.38	.09			.13	.04		2.54
Foster	Bighorn	.19	T.						.09	.91				.21	.46						.06	.21	.06	T.				.01	.01	T.	.06	3.27
Garnell	Musselshell																															
Glasgow	Milk				T.	.13							.11									.19								.50	.10	1.03
Glendive ‖	Yellowstone	.43	.01	T.					.23	.75			T.	T.	.05					T.	.17	.29		.03				T.			.25	2.21
Goldbutte	Marias				.09			T.	T.						T.		.10			T.	.14	.67	.24	.60	.45	1.18		.39	.01	.02	2.02	5.91
Graham	Powder																															
Grayling	Madison	.53	.12	.04	.17		T.	*	*	*	*	*	*	*	*	11		T.		.40	.34	.03	.03						T.	.66	.14	2.57
Great Falls	Missouri	.02		T.	.24	.43	T.	.32	.21						.05				T.	.43	.14	.02	T.	T.	T.	.02		.68	.13	.16	.03	2.88
Half Moon Pass	Musselshell	.30	.30	.10	.10		T.	.20	.35	.18			.20	.40	.20	1.35		.10		.05	.20		T.			.30		.01	T.		.10	4.44
Half Way House	Missouri	.59	.05		.22		.05	.10	.49				.24	.27	.49	.30	.07	.05		.15	.10							.12	.52	.13	.27	4.21
Harlowton	Musselshell	.70	.10		.07			T.								.91															.33	2.11
Havre	Milk				.20			.30					.02		.02			T.	T.	T.	.23		.01	.39	.07	.29		.10	.07	.38	.06	2.14
Helena	Missouri	.45	.04	.14	.50		T.	.21	.22				.02	.07	.26		.03	T.	.07	.05	.08	.06			.46	T.	T.	.02	.01	.22	.41	3.32
Highwood	....do		T.		.60	.10		.25	.15			T.								.15	.22		.20		.10	.16		.01		.07	.22	2.23
Huntley	Yellowstone	.42		.20						2.09				.24										.10					.33			3.38
Jones Canyon	Gallatin	.63	.31		.37		T.	.03	.56	.03			.71	.06	.03	.04		.09		.32	.54	.11			.04	.03		.51	.34	.26	.04	5.05
Jordan	Missouri																															
Knobles ranch	Milk				.05			T.					T.				.05				.06	1.32	.06	1.39	1.30	.45		.40	T.	.22	.05	5.35
Lewistown	Missouri	T.			.23		.04	.31	.27	.24					.28		.05			.67		.55	.07			.05			.02		.34	3.12
Livingston	Yellowstone																															
Lonetree	Missouri				.27	.07		.80	.10										.03	T.	.15		.10	.04		.15		T.	.12	.09	.15	2.07
Malta	Milk		.01		.13	.03		.01					.18							.11	.03	1.98	.04	.05						.10	T.	.03	2.70
Medicine Lake	Missouri	.26	.16	.31											.04							.40				.03			.02	.06		1.28
Melstone	Musselshell	.12						T.	.10	.25										.15				.10							.75	1.47
Mildred	Yellowstone	.32	.17						.02	.93					.37						.03	.23		.18					.10	.41	.11	2.87
Miles City	....do	.29	.03						.14	.47			.05		1.25	.48				.01	T.	.36		.12				.09		.08	.07	3.44
Norris	Madison	1.00	.20		.23					.61				.15	.10	.01			.05	.49	.40	.05	.02		.02			.10	.68	.11	.12	4.34
Nye	Yellowstone	1.02	.02		.02								.13		.09	.28		.30		.10								.12			.36	2.44
Olsen Creek	Jefferson	.75		.22	.74		.10	.16	.26	.05					.04	.07			.09	.25		.11	.08		.34		.04	.05	.07	.17	.33	3.92
Pipestone Pass	....do	.63		T.	.61		.15	T.	.62					.30	.45			.15	T.	.10	.30				.45			T.	.20	.20	.18	4.34
Poplar	Missouri	.38	T.	.20		.20		T.	T.	.04					T.						T.	.63	.27			.03			T.	T.		1.75
Red Lodge	Yellowstone	.68	T.	T.	T.					.08			.68		.01	.13		.12			.05	T.	.19	.03				T.			.10	2.07
Renova	Jefferson	.70	.02		.37		T.	.16	.31					.48	.35	.02			.23	.16	.27				.06			T.	.11	.18	.08	3.40
Ryegate	Musselshell	.40	.15		.18			.20	.35	.45			T.		T.	.18					.08										.10	2.09
Seville	Marias								.22												.08		.90		2.33	.67			.46	.64	.60	5.90
Sidney	Yellowstone	.62				T.			T.	.23						.01						.22	.05							.01	.04	1.18
Spokane ranch	Missouri	.07		.15	33		.01	.39	.11				.05	.11	T.				.38	.24	.10	.05		.18	.04			.13	.03	.16	.41	2.94
Springbrook	Yellowstone	.20	.40	.02					.02	.50	.02			T.	T.							3.85	.80	T.		T.	.02		T.	T.	T.	5.83
Stearns	Missouri	.30						.40	1.20	.30					.45		.20				.35	.27			.73	.26	.15		.23			4.84
Threeforks	Madison	.51		.21	.16		.02	.03	.25	.34			.01	.19	.16	.14	.03			.25	.08	.05							.20	.02	.03	2.68
Tokna	Yellowstone	.55									.11											.36		T.						.16	.23	1.41
Trail Creek	....do	1.60	.33	.10	.38			.04	.20					.07	.26			.03		.56	.16	.16							.25	.05		4.19
Twete	Milk		.04	.21	.07			.07				.04							.08	.04	.06	.21					.05		.18	.38	.05	1.48
Utica	Missouri	T.	.08	.24	.11		.04	.15	.44				.93	T.	.33		.09		.02	.31	1.65		.18	T.				T.			.60	5.17
Valentine	Musselshell	.21	.11		.32			.07	T.												T.	.09	T.	.04	T.				.09	T.		.93
Virginia City	Jefferson and Madison.	.73	.25	.07	.12					.28				.07	.20			.23		.35	.28	.03			.07			.05	.55	.12	.06	3.46
Wall Rock Mount'n.	Missouri	.20	.10		.15		.07	.03	.10	.08			T.		T.	.60				.15	.13	.04		.03		T.		.18	.23	.04	.20	2.33
Warm Sprgs. Creek.	Madison																				.26				.05				.60	.30	.20	
Wilder	Missouri																															
Wolf Creek	....do	.09	.04	.21				.18	.51	.20				.03	.13			.15	.03	.12	.08	.02			.21	.04		.17	.06		.04	2.31
Woodville	Jefferson	.63	.02	.03	.80		T.	.19	.50	.10			T.	T.	.01	T.	T.	T.	.02	.22	.43		.02		.25		T.	.14	.16	.21	.17	3.90
North Dakota.																																
Aplin	Knife	1.35	.09	T.				.02		.85	T.			T.	.01	.17						T.	.75	T.	.05		T.		.05	.36	.11	3.81
Beach	Little Missouri	.61	.10	.14						.64					.42	.36					T.	.10	.38		.44		T.	.11		.55		3.85
Belfield	Heart		.42	.01						.77	.01					.23							.53		.38				.02		.63	3.00
Berthold Agency	Missouri	1.76	.41	T.				T.		.62					.10						T.	.66			.01		T.	.03		.68		4.27
Bismarck	....do	1.00	T.	T.				T.	.10	.94	T.			T.	T.	.47						T.			.06				.16		T.	2.73
Broncho	Knife		1.37	.10													.56				T.	.02								.31		2.36
Buford	Missouri	.54	.02			.02			T.	.05					T.	.05					T.	.31	.07							.04	.10	1.20
Dickinson	Heart	1.14	.03	.01			T.			.56					.04	.12					T.	.02	.42						.03	.08		2.45
Edgeley	James		.24	.06		.02				.13	.06					.02								.19		.17			.06	.22	.02	1.19
Epping	Missouri	.20	.58			.10				.06				.08		.10						.24	.29		.04				.22	.10		2.01
Fullerton	James	T.	.58	.23	.19	.04				.56												.06	.57	T.					.55	.54		3.32
Garrison	Missouri	.39	.37	.04				T.		.72	.03				T.	.50						T.	.41		.05		T.		T.	.48		2.99
Haley	Grand		.23		T.	T.		T.	.06	.10					T.	.20				T.	T.	.14	1.94		.20		T.		.01	.07		2.95
Hettinger	Cannon Ball			.05				.35	.07	.23						.11	T.					.24							T.		.14	1.19
Howard	Missouri																															
Jamestown	James	.50	.30	.02				.05		.01		.01				.35						.08			.01		.01	.02	.45	.25	.01	2.07
Lamoine	Missouri	T.	.95							T.	.54														.38		T.		.12			1.99
McHenry	James		.60	.30					.62	.51		.03				.40												.14	T.	.01	.17	2.78
Manfred	Sheyenne	.02	.62	1.11						.26	.40					.30						.06	.05		.04				.15		.04	3.05

TABLE 2.—*Daily precipitation for June, 1911. 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	
***North Dakota*—Con.**																																	
Marmarth	Little Missouri	T.	.48	.02				.09	.08	1.05					.07	.10						T.	.50	.02	.40				.06	.11		2.98
Marstonmoor	James	T.	.53	T.				T.		1.00	.55	T.				.46						T.			T.	.77			.12	T.	.34	3.77
Medora	Little Missouri			.70					T.	.61						.15						T.	.55		T.					.18		2.19
Melville	James	T.	.66	.33	.07					1.48						.25								.33			T.	.20			.13	3.45
Mott	Cannon Ball	.10	.06					.06	.16	.96					T.	.30						.50							.02	1.02		3.18
Napoleon	Missouri	.49	.09					.20		.63						.07					.03				.02				.25			1.78
New England	Cannon Ball	.40	.04						.34	1.40					.25							.65							.45	T.		3.53
New Rockford	James	.62	1.35	.03				.53	.35	.75		.05		.07		.24									.05					.30		4.34
New Salem	Heart	1.92	.04	.03				.03	.91	1.96						.04							.05		.17		T.		.12			5.27
Orange	Cannon Ball							.20		.42													.10									0.72
Schafer	Little Missouri																															
Steele	Missouri																															
Washburn	do	3.00	.26							.98													.15									4.39
Williston	do	.37	.05		.08	T.		T.		.03					T.	.25					T.	.44	.01						.01	.16	.04	1.44
South Dakota.																																	
Aberdeen ‖	James		T.	T.	.27	.10	T.			.36	T.	T.	T.			T.		.10											T.	T.	.20	1.03
Academy	Missouri	.03								.16	T.					.12	.78									.04	.08			1.28		2.49
Alexandria	James	.68								.48																.06	.32			.77		2.31
Ardmore ‖	Cheyenne										.03						1.60															1.63
Armour	Missouri	1.30														1.00								.20			.20					2.70
Bellefourche	Cheyenne									T.	.05				.09	.14	.11				.18											0.57
Brookings	Big Sioux	.13								.87		.06				.01	.57									.04	1.26		.33	.48		3.78
Camp Crook	Little Missouri			T.					T.	T.	.07					.20							.73		.06				T.			1.06
Canton	Big Sioux	.05	T.							T.	.43																.85		.33			1.66
Cascade Springs	Cheyenne																1.95							12								2.07
Castlewood	Big Sioux	.08	.01		.21					T.	.09	.03		T.			1.48	T.						.20	.19		.04		.24	.29		2.86
Centerville	Missouri	.27	.04					T.		.13	.27				.02		T.										1.75		.19	.09		2.76
Clark	James	.29	T.					T.		T.	.04	.03		T.			1.21								T.		T.		.15			1.72
Cottonwood	Missouri			.02				T.			.25						.30						.05	.02								0.64
Daviston	Grand	.45	T.						T.													.15										0.60
Deadwood	Cheyenne	.07		.65				T.		.20	.60		.10		.10	.30	.50					.20		.15								2.87
Deerfield	do		T.	T.						.07	.41			T.		.15				.01		.25	.14								T.	1.03
De Smet	James	T.								.10		T.		T.		*	.50								T.		T.		.30	.40		1.30
Dowling	Cheyenne		.07	.17					T.							.05	.05						.12	.15	.10							0.71
Dumont	do	.05								.09	.60			.04		.35							.71	.04								1.88
Eales	Missouri			.08	.05			.07			.04			T.		T.							.32	.03	.03				.97			1.59
Elk Mountain	Cheyenne									.15	.41					.10					.05	.15	T.	.13							.05	1.04
Elk Point	Missouri	.04	.36				.44				.09					.20	1.83	.10								.15	2.10		.10			5.41
Ellingson	Grand		.13		.10										.15							.50										0.88
Englewood	Cheyenne	.02	.15	.05		.03		.06		.04				.40			.40		.50			.60	.30									2.55
Eureka	Missouri	.05	.53	.03						.16				T.										.07					T.	.45		1.29
Faulkton	James		.03	.74				.73			T.					.02	.13									T.				.06	.05	1.76
Flandreau	Big Sioux	.07								.22						.70										.75	1.00		.05	.35		3.14
Forestburg	James								.21								.61							.08	.55	.04			.45			1.94
Frederick ‖	do																															
Ganvalley	Missouri	.25								.11	.05					.15										.10				.05		0.71
Greenmon	Cheyenne			.20				T.	T.	.30	.55				.99	.50	.45			T.	T.			.15								3.14
Greenwood	Missouri	.22														.26	T.										.34	T.	.74			1.56
Hardy Ranger Station.	Cheyenne									.56	.32									.06	.02											0.96
Harveys ranch	do									.15	.56						.29	T.				.78	.03	.10					T.		T.	1.91
Hermosa	do										.78					.13								1.23								2.14
Highmore	Missouri	.02			.01						T.				.02								T.						.04			0.09
Hopewell	Cheyenne		T.	.35				T.			.04																		.10			0.49
Howard	James	.20				T.		T.		T.	.79	T.				1.10								.08	T.	.41	.23		.05	.77		3.63
Howell	do	.01		.02							.02			T.	T.	.01	.12						T.	T.					.23	T.		0.41
Huron	do	.03						T.		.29	T.			T.		.68	.50							T.	.02	.04			.26	T.		1.82
Ipswich	do																															
Kadoka	White			.05			T.	T.			.18						1.32							.03	.04				T.			1.62
Kennebec	Missouri	.55	.28							.12	.05					T.							T.		.78							1.78
Kidder	James	T.	1.15	.70			T.			T.	T.	T.					T.								T.		T.	T.	T.	.40		2.25
Kimball	Missouri	.80	.11					T.		.46	.10			T.		T.	.63									.11	.06			.66		2.93
La Delle	James			.02	.20			T.										.20	.09				T.			T.						0.51
Lead	Cheyenne	.06		.56				.03		.18	.52			.02	.07	.25	.55					.09	.02	.03								2.38
Lemmon	Grand																															
Manderson	White		.86							.52							1.62							.03	T.							3.03
Marion	Missouri	.95	.10			T.				T.	.41			T.		T.	.34										2.26		T.	.63		4.63
Marston	do	.04					.04				.02													.03					.07			0.20
Mellette	James	.01			.25		T.		.82	T.	T.		T.			T.	.15								T.	T.	T.		.15			1.38
Menno	do	.64				.04				.24				T.		.15	T.									.64			.10	.06		1.87
Mitchell ‖	do	1.40								.65							.18							.82		.22	.30		.03	1.05		4.65
Mobridge	Missouri			.20				T.	T.												.12		.06									0.38
Murdo	White																1.00							.05					T.			1.05
Oelrichs	Cheyenne									T.						2.25																2.25
Orman	do										.05				.02	.10	.18				.02	.02										0.39
Ottumwa	Missouri							T.																								T.
Pierre	do	.60		.19						.01	.03					.02								T.	T.			T.	.02			0.87
Plankinton	James	1.62	T.				T.		T.	.30					.03		.73							.37		.05			.88			3.98
Pollock	Missouri	1.00								.20												.15		.05		.57				.04		2.01
Rapid City	Cheyenne							T.		T.	.14			T.		.28	.05				.14	T.	.03	.09		T.			T.			0.73
Redfield ‖	James				.32				.06								.31									.03			.20			0.92
Rochford	Cheyenne									.04	.50					.05	T.						1.13	.05							T.	1.77
Rosebud	White																															
Rosebud Agency	do																															
Roslyn	Big Sioux	.35	1.20	.03	.12				.37		.07	.05		.02			.33												.37			2.91
Selby	Missouri			.15				.09	.30														.04		.12				.55			1.25
Sioux Falls	Big Sioux	.52								T.	.20	T.					.10	.06								.10	1.20		.02	.48		2.68
Sorum	Grand								.03						.06							1.02										1.11
Spearfish	Cheyenne																															
Stephan	Missouri	T.	.04	T.						T.	T.					T.	.07						.24	T.	T.	.53			T.	T.		0.88
Tama	Cheyenne		T.	.05	T.			.04		.02				T.		.13					T.	T.	T.	T.	T.				T.			0.24
Tyndall	Missouri	.02							.04	.12							.28								.46		.23		.02	.08		1.25
Vale	Cheyenne			.02				T.	T.	T.	.03				T.	.34	.05				.02	T.		T.					.16			0.62
Vermilion	Missouri		.51								.25					T.	1.06										2.25		.09			4.16
Waters ranch	Cheyenne			.02						.15	.16		.08	.29		.52						.03	.01	.12						T.		1.38
Watertown	Big Sioux	T.		T.	T.				T.	T.		T.	T.		T.		*	1.20							.03	T.				.25	T.	1.48
Wentworth	do	.24	.04							.36				T.		.08	.26									.57	1.06		.26	.61		3.48
Wessington Springs	James	.03						.02		.08	.05			T.		T.								T.		1.13		T.	.13			1.44
White Lake	Missouri	1.28								.30						.13	.85										.26			1.10		3.92
Winner	White																															
Yankton	Missouri	.13	.04	T.		T.			T.	.36	.07			T.			.02									.01	1.22		.20	.05		2.10
Minnesota.																																
Pipestone	Big Sioux	.21	.05									.05													.05		2.15		.05	.37		2.93

TABLE 2.—*Daily precipitation for June, 1911. 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.																																
Akron	Republican									T.							.15	.69									.36		.06			1.26
Albion Lake	South Platte								.16	.10					.01	.37	.37	.03			.15	.37									.01	1.57
Alma	do		T.										.01			.05	.10	.03	.15	.11	.10	.11	.11									0.77
Arriba (near)	Republican									T.			T.			T.	T.	.28						T.		T.	T.			T.	T.	0.28
Auldhurst	South Platte												T.	T.	.05	.09	.10	.45	.52	.11	.53		.05			.02	.11	.15		.03	T.	2.21
Bennett	do															.85	.17															1.02
Boulder	do								.01							.04	.29	.25	.02			.54		.15								1.30
Burlington	Republican		.65	.02														.50										T.	.05	T.	.23	1.45
Cassells	South Platte									.06			.16					.35	.10	.16	.02	.06							.08		.03	1.02
Castle Rock	do							.02								.19	.34	.32			T.	.04										0.91
Cheesman	do															.35	T.	1.50		T.	T.	T.	T.				T.	T.		T.	T.	1.85
Cheyenne Wells	Smoky Hill		T.													T.	T.	1.05									.06		.12			1.23
Cope	Republican	.23						.12								T.		.17					.10			.45						1.07
Corona ‖	South Platte															.13	.25	.54		.20		.32	.52									1.96
Denver	do								T.					.01		.01	.36	.17			T.	T.	T.				.01	T.		T.		0.56
Edgewater	do												.48		.25	.63																1.36
Estes Park Hatchery	do								.06					.06	T.	.02	.21	.25				.35	.20				T.					1.15
Fort Collins	do							.02	.05							.18	.60	.18			T.	.60	.15			T.						1.78
Fort Lupton	do																.36				.03											0.39
Fort Morgan	do																															
Frances	do								.06				.13	.30		1.00	.05	.19			.02	1.48	.41									3.64
Frys ranch	do								.23	.08						.31	.46	.10			.03	.23										1.44
Georgetown ‖	do							T.	.25					.01	.04	T.	.03	.02	.28	T.	.32	.22	.02				.03					1.22
Greeley	do						T.	T.	T.							1.94	.57				.08	T.				T.	T.					2.59
Hartsel	do								T.	.02				T.		.60	.11	.03	.60		.05	.80									T.	2.21
Hawthorne	do								.28							.07	.84	.27				.50	.15									2.11
Holyoke (near)	do	.22						.03							.85	.50										.17	.09		.05	T.	T.	1.91
Idaho Springs	do								.03						.04	.12	.17	.20				.88					.16					1.60
Keota	do							T.								.50	1.20	.33					.31									2.34
Laporte	do																.60	.18				.11										0.89
Leroy (near)	do									T.	T.					.09	1.78	.16					T.			.12		.06				2.21
Longmont ‖	do								.04								.29					.44									.16	0.93
Longs Peak (near)	do															.10	.15	.10			.27	.74	.28				.02					1.66
Moraine Park	do																															
Platte Canyon	do															.38	1.06				.30											1.74
St. Cloud	do																															
Sedgwick	do				T.				.05	T.						.10	.55							.10								0.80
Sill Mine	do								.03	.20							.40	.50	.20	T.	.30	.20		.40			.30	.15				2.68
Spicer (near)	North Platte																.70	T.	.10	T.		.14										0.94
Sterling	South Platte							.02								.02	1.36	.52									.31					2.23
Waterdale	do							.32	.08							.09	.43	.10				.22	.11				.05					1.40
Wray	Republican	.72							T.								.44									T.						1.16
Yuma	do	.01															.50	.18					.04	.03		.15		.24				1.15
Nebraska.																																
Ainsworth	Niobrara	.15							T.	T.				.20		.26	.29							.56	1.01				T.			2.47
Albion	Loup	1.26		.03			.34		.02	.10							.49	1.48								.92						4.64
Alliance	North Platte							T.	T.	T.						T.	1.70							.05						.10		1.85
Alma	Republican																.50							.04		.09						0.63
Anoka	Niobrara																.74							T.		T.	.23					0.97
Ashland	Platte	T.		.01				.02			T.				.08		.12	.27											.04			0.54
Atkinson ‖	Elkhorn		.10							.05	.18						.20								T.		.35					0.88
Auburn ‖	Little Nemaha					T.		.14	.15						T.	.02		T.	.04											.03		0.38
Beatrice	Blue				.84		.05	.02																			T.		.02			0.93
Beaver City	Republican			.15	.66				T.		T.						.50							.11			.03					1.45
Bellevue	Missouri														.30		.23	.18								.20			.01			0.92
Blair	do			.01			.07	T.			.01	.01			.20		.12	.52								.29			T.			1.23
Bloomfield	do	.05	.45	.02						T.	.40			T.			.26	.08								T.	1.15		.25			2.66
Bridgeport	North Platte								T.	T.							3.48									T.						3.48
Broken Bow ‖	Loup	.07	.08					T.		.17															.02	.30						0.64
Burge	Niobrara									T.						.90									T.	.25						1.15
Callaway	Loup									.60																			T.			0.60
Cambridge	Republican				T.				T.	.07							.10									T.						0.17
Canton (near)	North Platte																															
Columbus ‖	Loup	.07		T.			T.	.25			.06				.21			.05								.36	.61					1.61
Creighton	Missouri								T.	.40							T.								T.	T.	1.80		.30			2.50
Crete	Blue										T.																T.					T.
Culbertson ‖	Republican			.10							.01							.25									.22					0.58
Curtis	do		.40	.09						T.							.32	.61							.26		.22					1.90
David City	Blue	T.		T.				.67			.14			T.				.04														0.85
Dawson	Great Nemaha																															
Elsie ‖	Republican								.02									.33									.19		.10			0.64
Ewing ‖	Elkhorn		.31	.13						.28	.10															.06	.48		.23			1.59
Fairbury	Blue				.82	.23		T.								T.		T.								T.		T.	T.			1.05
Fairmont ‖	do	T.				.23		T.			T.																					0.23
Fort Robinson ‖	Niobrara		.04					.03		.02							.90	.04					.05							.04		1.12
Franklin	Republican				.04										.06		.12							.04		.15						0.41
Fremont	Platte			.04							.05				.30		.42	.58								.20						1.59
Fullerton	Loup			.31		T.		1.21														1.25										2.77
Geneva	Blue					1.64	.05				T.					T.		T.									T.		T.			1.69
Genoa	Loup	.04		.05		T.		.24			.06				.04		.03	.03								.62	.53					1.64
Gordon	Niobrara										.15						.20							.33								0.68
Gosper	Republican		.64		.02					.20							2.23							.10		.73						3.92
Gothenburg	Platte	.17	.05							.05							.48								T.		.83					1.58
Grand Island ‖	do			.14													T.	T.								T.	.88			T.		1.02
Grant	Republican	T.												T.			3.95									.11		.05				4.11
Greeley	Loup	.36				.11				.28							.82								2.06	.74						4.37
Halsey	do	T.							.14	.30	.01					T.	T.							T.			.32				.02	0.79
Hartington	Missouri		.68								.32							.90									2.20		.15	.24		4.49
Harvard	Blue																															
Hastings ‖	do					T.	T.				.02														T.		.33	.03				0.38
Hayes Center	Republican	.25							.02	.02							.21							.02		.30				T.		0.82
Hay Springs	Niobrara		.02		.02			T.	T.	T.					.32	.05									.08			T.	T.	T.		0.49
Hebron	Blue					.30	.30	.02			T.				T.	T.											.07		.06			0.75
Hemingford ‖	Niobrara									.04							.97	.06								.02			.02	.01		1.12
Hillside	North Platte								.02	.09							T.									.70						0.81
Holdrege ‖	Republican			.08		.65												.12							.10		.65					1.60
Hooper	Elkhorn			T.							.15				.35		.04	1.28								1.10						2.92
Imperial	Republican	.23							T.	T.							.75									.29				T.	.02	1.29
Kearney	Platte			.25						.10							.05								.31		.57					1.28
Kimball ‖	South Platte	T.						T.	T.							.43	.94					.12	T.	T.					T.	T.		1.49
Kirkwood	Niobrara	T.								T.						.47								.48	T.		.27		.04	.09		1.35
Kowanda	North Platte	.61														.53	1.81	.12							.11							3.18

TABLE 2.—*Daily precipitation for June, 1911. 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.																																
Lexington	Platte			.46						.04	.53							.66							.30		.71					2.70
Lincoln	do							.45			.01			T.	.01	.03	.04	.02									T.		T.			0.56
Lodgepole	South Platte	.69							T.							T.	1.23							.05		.06						2.03
Loup	Loup																															
Loyal	do			T.																					.38	.36				.27		1.01
McCook	Republican			.36							.12						.18															0.66
Madison	Elkhorn	T.	.70	.13		.14		T.		.07	.18				.50		1.37	.10							.60	1.20						4.99
Marquette	Platte							T.			.04					T.	.09	.07							T.		.88					1.08
Mason City ‖	Loup																															
Minden	Blue				T.				T.							.02	.18								.39	.42						1.01
Mitchell ‖	North Platte				.04	.02	.05	T.	T.								1.49					.49			.06			T.				2.15
Mullen (near)	Loup								.09	.01							.04							.14		.07					.05	0.40
Nebraska City	Missouri														T.			.50											T.			0.50
Norfolk	Elkhorn	.04	.20				.30	.04	T.		.09				.05		1.45	.18								.47	2.40					5.22
North Loup	Loup	.20	.10								.80						1.02									1.90	.90					4.92
North Platte	Platte	.01							.02	.01				.01			.63							.08		.32			.05			1.13
Oakdale	Elkhorn			.03		.14				.58				.15			.60									.18	1.96					3.64
Omaha	Missouri	T.		T.				T.			T.			T.	.30		.20	.22								.22	T.		T.			0.94
Ord	Loup		.26	.06												.03	.67									.89	.26					2.17
Palisade	Republican															.34										.05						0.39
Pawnee City	Great Nemaha							.60							.05			T.											.16			0.81
Paxton	South Platte									T.				.05			.98	.02						T.	T.		.72		T.			1.77
Plymouth ‖	Blue				.91		.10	.04			T.																					1.05
Purdum	Loup		.05							.08														.04		.65	.26					1.08
Ravenna	do			.10						.58							.08	.10								.70						1.56
Red Cloud	Republican			T.		.35		T.	T.		.03					T.	T.	.02							1.45		.12		.26			2.23
St. Libory	Loup			.13																					T.		.62					0.75
St. Paul	do		.14							.30	.09															.05	.58					2.16
Santee	Missouri	.10								.25																.55			.30	.10		1.30
Sargent ‖	Loup	.15		.20							.23																					0.58
Schuyler	Platte	.10		.15								.10			.30		T.										T.					0.65
Scottsbluff	North Platte	T.	.03			T.	T.	T.	.02	T.						.24	2.33	T.				.04	.03			.02			T.			2.71
Seward ‖	Blue						.70			T.																T.						0.70
Sheridan	Loup		.03	.08						.25	.09															.25	.33					1.03
Sidney	South Platte	.09														.13	2.26	.15						.39								3.02
Springview	Niobrara									.10	T.					.15	.47							.20			.30					1.22
Stanton	Elkhorn		.72			.05	T.			.03							2.25									.82	1.29					5.16
Stratton ‖	Republican																															
Superior ‖	do						.90																									0.90
Syracuse	Little Nemaha	T.						.43							T.		.21	.03											.07			0.74
Tecumseh	Great Nemaha				.12																								.34			0.46
Tekamah	Missouri			.10			.22				T.				T.			1.15								.03	.12					1.62
Tobias	Blue					.80	.14				T.																.26					1.20
Valentine	Niobrara			T.				.02	.02	.10						.31	.01						T.	T.		.41			T.		.12	0.99
Wahoo	Platte							.15		.10				.10			.42															0.77
Wakefield	Elkhorn	T.	.10	T.		.07				T.	.19						.32									.35	1.77		.02			2.82
Walthill	Missouri		.60	.01		.05	.35				.22							.28								.07	1.20					2.78
Watertown	Platte		.23							.30							.46									.53						1.52
Wauneta	Republican	.65							.20								.50															1.35
Weeping Water	Missouri							.03			T.				.07		.20	.09											T.			0.39
Westpoint	Elkhorn			T.			.30								.10			2.53									.97					3.90
Wisner	do		.71								.15						.95								T.		1.18					2.99
York	Blue	T.		T.					T.							.35											T.					0.35
Iowa.																																
Afton	Missouri														.02	.03		.12											T.			0.17
Allerton	Chariton						.48				T.				.06	.05	T.	.60	.02										T.			1.21
Alton	Floyd	.02	.16	T.						T.	.16	T.				T.	.05									.03	1.29		T.			1.71
Atlantic	Nishnabotna	.01					.07								T.	.15	.04	.04											T.			0.31
Audubon	do						.10	T.								.02		.25									.05					0.42
Bedford	Missouri														.50		.01	.25											T.			0.76
Centerville	Chariton										T.							.10						T.	.03				T.			0.13
Chariton	do						1.30				T.							.48											T.			1.78
Clarinda ‖	Nodaway				T.				T.						.42			.24	.10													0.76
Corning	do	T.													.37	T.		.64														1.01
Corydon	Chariton						.90				T.				T.	T.		.40														1.30
Council Bluffs	Missouri				T.			T.				T.			.42		.46	.24								.25	T.		.02			1.39
Creston ‖	do						.07								.06	.05	.01	.05	.05													0.29
Cumberland	Nodaway						T.								.02			.25														0.27
Denison	Missouri			.01			.01					T.				.03		1.85								T.	.40					2.30
Elliott	Nishnabotna														.43		.08	.12														0.63
Greenfield	Nodaway	T.					.28									.08		.78														1.14
Harlan	Nishnabotna	.01		T.				.02			T.					.15	.97	.23								T.	.01		T.			1.39
Inwood	Big Sioux	.09	.10	T.						.37	.50					.13	.15										1.66		T.	.12		3.12
Lamoni	Missouri										T.				.40	.05		.31									T.		.01			0.77
Larrabee	Little Sioux		.18	.11											.19											.15	1.85					2.48
Le Mars	Floyd	.05	.30				.60		T.	T.	.20	T.		T.		.04	T.									.03	3.55			.02		4.79
Lenox	Missouri														.32	.02		.05										T.	T.			0.39
Leon	do										T.				T.			.78														0.78
Little Sioux	Little Sioux			.05			.08				.02					.01	.23	1.46									.44					2.29
Logan	Missouri						.12								T.	.10	.02	.50								T.	.15					0.95
Mount Ayr	do										T.	T.			.37	.21		.95											T.			1.53
Murray	do										.06				.02	.06		.33										T.				0.47
Odebolt	do			.03			.40									.04	1.18										.05					2.30
Onawa	do	T.	.10	.02			.18				.10					.10		.50								.03	.85					1.88
Pacific Junction	do						T.	T.							.15		.08	.10								T.	T.		T.			0.33
Rock Rapids	Big Sioux									.67																.28	.92		.05	.03		1.95
Sheldon	Floyd	.06	.12	T.						T.		T.					.05									.15	.85					1.23
Sibley ‖	Big Sioux		.14								.28				T.		.12									.85	.95		.03			2.37
Sioux Center	Floyd	T.	.14							T.	T.	T.				T.	.03										1.28		T.			1.45
Sioux City	Missouri	.04	.12	T.		.07		T.	T.	T.	.15			T.		.05	.23	.10								.06	1.30		T.			2.12
Spencer	Little Sioux		.15	.08																						.67		.27				1.17
Thurman	Missouri	T.					.02								.03	T.	.12	.10											.05			0.32
Washta	Little Sioux		.26	.05							.22					T.	.32									1.65						2.50
Woodburn	Chariton						.11				T.				T.	T.		.39											T.			0.50
Kansas.																																
Abilene ‖	Smoky Hill	.16																.16							.06		.06		T.			0.44
Agricultural College	Kansas	T.									T.						T.	.10								T.	T.		T.			0.10
Alton	Solomon	.06					.14									T.											.04		.12			0.36
Atchison	Missouri						.10			.35		T.						.04						T.			T.		.12			0.61
Beloit ‖	Solomon	.09					.07									T.		.05							.30	T.		.03	.20			0.74
Blakeman	Republican		.30	.03																						.11						0.44
Blue Rapids ‖	Blue						.03																									0.03
Centralia	do							.04							T.		.19	T.									T.		.18			0.41

TABLE 2.—*Daily precipitation for June, 1911. District No. 6*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total.
***Kansas*—Continued.**																																
Chapman	Smoky Hill																	.13							T.				T.			0.13
Clay Center	Republican	.08																								T.			T.			0.08
Colby	do	.51									T.						.54									.07		.03				1.15
Concordia	do	.12				.14					T.					T.	.01								.48		T.		.10			0.85
Densmore	Solomon																										.28		.02			0.30
Dresden ‖	Republican			.47		T.				T.	T.								T.								.11					0.58
Ellsworth	Smoky Hill	.46													.10		T.	.32							.10				.16			1.20
Enterprise	do	.14																.04														0.18
Eskridge	Kansas	T.					T.	T.																.05			T.		.12			0.17
Farnsworth	Smoky Hill	.31								T.							.40	T.									.01		.17			0.89
Fort Scott ‖	Marmaton			T.				.16	.16			.10					.02							.63	.15			.40				0.62
Frankfort	Blue							T.							T.		T.												.22			0.22
Garnett	Osage																							T.					.02	.05		0.07
Goodland	Smoky Hill																															
Gove	Blue															.10											.01		.02			0.13
Hanover	do						.12								T.														T.			0.12
Harrison	Republican					.06					T.					T.	T.	T.							.58		.06		.14			0.84
Hays ‖	Smoky Hill	.15															T.	T.											.66			0.81
Hill City	Solomon															.06												.08				0.14
Horton ‖	Kansas						.10	.94	1.26						T.	T.			T.									T.		.15		2.45
Jewell	Republican					.05											T.							.49					.25			0.79
Lawrence	Kansas							1.49								T.	T.	.12	T.					.14			.23		.01			1.99
Leavenworth	Missouri							.16			T.				.05			.04							.18				.02			0.45
Lebanon	Solomon																							.47		.05			.33			0.85
Lindsborg ‖	Smoky Hill																															
Mankato	Republican						.15																		T.		T.		.50			0.65
Minneapolis	Solomon	.16									.01					.02	.10	.04							T.		T.		.09			0.42
Moran	Marmaton							T.			.02						T.	T.					.08				T.	.18			**	0.28
Natoma	Saline																												.45			0.45
Norton	Republican																T.									.15	T.		.04			0.19
Oberlin	do			.49	.13					.02	.03						.04										.11					0.82
Oketo	Blue				T.			T.							.01			T.											.01			0.02
Olathe	Kansas						.02	.05			T.													T.			.09	T.	.02			0.18
Osage City ‖	Osage				T.												T.	.04									T.	.17	.10			0.31
Ottawa	do	.17						.44			T.					.10	.02	.13										.05	.07			0.98
Phillipsburg	Solomon				T.	.11			T.						T.		.44	T.									.20		T.			0.75
Plainville	Smoky Hill	.25																									T.		.20			0.45
Pleasanton	Osage	.06						.08				.03						.46						T.								0.63
Republic	Republican						.33										T.										.01		.33			0.67
Russell	Smoky Hill	.10															T.												.26			0.36
Russell Springs	do	T.							T.								.82	.10									T.		.10			1.02
St. Francis	Republican			.04												.23		.07														0.34
Salina	Smoky Hill	.33													.26		T.	.34							.07		.01		T.			1.01
Scott	White Woman	.43			T.					T.							.20	T.								T.	T.		.11			0.74
Smith Center	Solomon					.32		T.									T.									T.		.72				1.04
Topeka	Kansas	T.						.32			T.					T.	.09	.01									T.		.13			0.55
Valley Falls	do							.32										.30						.20					.20			1.02
Vinland	do	T.						.53										.01									.10					0.64
Wakeeney	Smoky Hill	.08														T.	.11	.13									T.		.13			0.45
Wallace	do																	1.06									.07		.13			1.26
Wamego	Kansas	T.						T.								T.	T.	T.						T.			T.		.03			0.03
Missouri.																																
Amoret	Osage	.20						T.			T.						T.	.32					T.	T.			T.	.14				0.66
Appleton City	do	.05	.03				.23					.15						.35														0.81
Arlington ‖	Gasconade							.25										T.						.55	T.	.37	.20	.70				2.07
Arthur	Osage	.05	T.				T.	T.			T.						T.	T.					.30				T.		.21			0.50
Avalon	Grand														.25			.20														0.45
Bagnell ‖	Osage																															
Bethany	Grand														.35			.73									T.		T.			1.08
Bolivar	Osage						.32					.15						.06					.15	.03		.05	.46	1.00				2.22
Boonville ‖	Missouri					T.		.24				.20			.04	.12										.06		.14		.26		1.06
Brunswick ‖	Grand					.11									.04	.15		.07										.05				0.42
Columbia	Missouri					T.	.08				.15				.10	.10							T.				.11		.05			0.59
Conception	do							T.							.04	.30		.28											T.			0.62
Eldorado Springs	Osage	T.					.46					.45					T.						T.	.57				.52				2.00
Fayette	Missouri					.23	.37				.05				.15									T.	T.		.05		T.			0.83
Fulton	do																											.11				
Glasgow ‖	do					.08		T.				.30				.08												.01				0.53
Grant City	Grand														.42	T.		.25	T.								T.		.02			0.69
Harrisonville ‖	Osage		.01					.05				T.						.01							T.			.02		.02		0.11
Hazelhurst	Grand										.05				.30	T.		.28						.05					T.			0.68
Hermann ‖	Missouri						.10	.12				.51			.03	.04			T.	T.					.32	.70	.03	.24				2.09
Houston	Gasconade						.36											T.	.07				T.	.85	.97	.15		1.17				3.07
Jefferson City ‖	Missouri						.10	.15				.27				.05			.01							.05		.28		.05		0.96
Kansas City	do						.08	.12							.02		.01										.10					0.33
Kidder ‖	Grand														.01	.14	.01		.20													0.36
Lamonte	Missouri						.19	T.			.41	T.			T.									.54		.70	T.	.04	.66			2.54
Lebanon	Osage						.18				T.													.07		.42		1.10				1.77
Lexington ‖	Missouri															.05									.20			.03				0.28
Liberty	do							.08			T.				T.	T.		T.									T.		T.			0.08
Lockwood	Osage						.13		**		.15						.23						.03					1.02				1.55
Marshall	Missouri						T.								.20	.05								T.			T.		T.			0.24
Marshfield	Osage																															
Maryville ‖	Missouri														.07	.58	T.	T.	.38												.03	1.06
Mt. Vernon	Osage						1.16					T.					T.		.23				.07	1.82		.18	.11	.78				4.35
Nevada	do						T.	T.			.15				T.		T.	T.					.33	.16				.39				1.00
Oregon	Missouri							.09							.07	T.		.05											.04			0.28
Osceola ‖	Osage							.45				.27												.23	.53			.43				1.91
Pattonsburg ‖	Grand																.48						.13									0.61
Rolla	Gasconade						.19								T.				.01	.01			.05	.02	.53	.28	.01	.71				1.86
St. Charles	Missouri														T.				.83					T.	.19	.05	.16	.38				1.61
St. Joseph	do						.01	.04			T.				.10			.09						T.			T.		.02			0.27
St. Louis	Mississippi						.18								.13			T.	.10					.22	.22	.01	.18	.30				1.34
Sublett	Chariton						.05						T.	T.		T.		T.							.35							0.40
Trenton	Grand										T.			.23	.14	T.	.20	.44						.14					T.			1.12
Unionville ‖	Chariton						.30					T.			.10			T.	.08						T.					T.		0.48
Warrensburg	Missouri						.18	T.			T.	.02			T.			T.						.25				.02	.20			0.67
Warrenton ‖	do						.32	.07				.04				.11			.03						T.	.64	.29	.25				1.75
Warsaw	Osage	.01				.02	.38				.02				T.		T.	.52					.10	.03		.04	T.	.30				1.48
Wheatland	do																															

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

TABLE 3.—*Maximum and minimum temperatures at selected stations for June, 1911. 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....	89	53	80	51	90	49	75	45	85	50	76	43	76	52	55	40	65	53	73	37	78	57	69	53	67	52	78	57
2....	78	45	79	46	86	53	73	38	86	52	76	39	77	46	57	42	69	52	78	38	72	51	74	48	67	50	68	54
3....	81	45	75	46	86	51	76	40	84	48	77	46	77	46	63	45	81	45	79	40	80	52	74	46	73	42	78	51
4....	87	43	82	45	94	41	81	47	92	51	82	45	89	45	64	39	82	50	68	40	69	48	55	41	63	41	80	52
5....	89	45	79	52	80	49	77	42	86	58	79	50	69	43	61	32	72	42	72	32	67	46	66	38	68	37	70	44
6....	92	46	81	47	91	48	82	40	86	56	84	47	80	38	71	36	84	39	78	36	78	43	73	40	78	36	78	52
7....	86	45	86	55	99	59	81	48	94	66	81	51	89	53	68	42	90	52	72	38	70	54	65	49	67	52	81	57
8....	82	43	81	58	90	65	79	54	86	68	76	52	83	54	60	40	80	50	75	37	66	50	56	47	67	42	72	51
9....	89	45	78	53	89	58	62	43	84	56	74	49	63	47	59	41	70	50	80	41	75	52	65	46	65	45	76	51
10....	91	47	72	44	83	47	77	36	71	45	79	40	74	46	72	42	79	47	82	41	77	55	75	52	72	49	79	49
11....	92	45	77	43	84	45	81	46	72	47	79	43	80	46	80	43	78	46	85	43	82	45	85	50	78	42	78	44
12....	95	50	86	47	92	40	90	48	82	45	91	49	91	46	81	46	86	48	87	45	84	53	83	57	84	52	86	53
13....	86	53	85	49	93	53	80	53	90	62	88	54	84	56	78	46	84	60	84	46	85	56	79	53	82	47	87	54
14....	84	60	82	53	89	55	82	49	88	58	86	50	81	54	69	49	85	54	82	45	83	60	80	56	79	57	78	59
15....	76	59	72	54	84	59	60	54	85	60	75	53	63	59	55	43	76	58	83	42	78	51	72	53	70	48	76	53
16....	80	50	54	48	63	55	66	52	76	58	62	49	75	55	71	41	80	47	85	40	86	53	81	50	71	46	83	49
17....	86	53	70	50	77	48	73	48	81	50	76	44	82	48	73	47	89	48	86	44	88	60	82	54	80	49	90	55
18....	89	55	76	47	86	53	80	47	90	52	85	51	86	54	77	41	92	47	86	43	91	63	79	55	88	47	93	54
19....	90	56	80	54	91	55	80	50	92	60	88	56	90	53	72	51	95	50	85	39	93	64	81	56	90	52	97	62
20....	93	59	83	55	93	60	78	49	94	67	86	54	85	58	73	48	88	56	80	37	84	57	78	55	81	53	87	59
21....	92	60	80	54	86	57	80	49	90	62	81	58	79	58	72	49	84	60	82	40	81	63	80	52	80	56	80	62
22....	91	56	81	54	88	59	82	46	92	62	88	56	86	53	77	47	91	55	80	41	93	64	88	54	82	57	77	63
23....	89	57	82	51	89	54	82	46	90	56	87	53	89	56	75	46	89	57	81	37	79	60	87	56	92	56	92	58
24....	80	50	85	51	92	55	76	49	91	62	82	53	82	49	58	43	80	53	83	42	71	50	62	45	71	53	74	52
25....	76	45	75	51	83	54	75	46	82	56	74	54	75	43	60	37	74	47	86	48	62	50	63	49	69	54	67	51
26....	78	38	70	46	79	51	73	43	74	48	81	46	73	45	69	36	77	45	85	48	70	47	76	43	74	36	66	48
27....	81	49	83	45	93	49	85	47	84	44	86	52	90	47	73	44	84	53	80	46	75	52	73	53	73	52	74	48
28....	89	51	87	52	96	60	78	50	92	67	84	59	79	52	60	45	80	52	76	40	73	58	68	50	73	52	75	53
29....	92	54	83	51	92	51	84	51	95	65	84	53	89	49	54	43	77	49	70	37	77	49	60	46	77	41	78	51
30....	91	48	82	61	93	63	78	53	94	67	85	59	84	50	62	40	78	59	80	40	70	56	61	46	61	45	77	50
Mns..	86.5	50.2	78.9	50.4	87.7	53.2	77.5	47.0	86.3	56.6	81.1	50.3	80.7	50.0	67.3	42.8	81.3	50.8	80.1	40.8	77.9	54.0	73.0	49.8	74.7	48.0	79.2	53.2

Date.	Montana.				North Dakota.										South Dakota.													
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		Jamestown.		Williston.		Aberdeen. §§		Huron.		Kadoka.		Kimball.		Lemmon.		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....	70	62	72	51	84	48	81	58	78	52	69	53	74	54	90	58	81	62	94	63	88	58	.....	.....	91	64	90	59
2....	74	53	68	48	63	50	74	59	66	53	69	59	65	51	87	62	88	64	91	52	89	62	.....	.....	92	64	86	52
3....	81	55	80	50	78	50	83	53	87	56	71	49	77	49	88	57	92	64	89	56	89	63	.....	.....	89	62	79	50
4....	94	56	89	49	87	48	84	54	82	41	70	59	88	53	85	57	90	56	97	54	93	55	.....	.....	89	57	94	56
5....	70	52	72	48	75	56	71	51	67	53	69	62	67	52	78	65	80	56	82	60	79	62	.....	.....	84	60	76	50
6....	84	46	83	46	84	42	82	46	89	51	74	42	81	49	80	44	80	46	85	50	79	63	.....	.....	80	51	88	45
7....	92	63	92	57	85	54	88	59	77	49	79	49	85	56	85	32	87	54	96	65	86	57	.....	.....	92	64	93	59
8....	82	58	77	54	86	58	80	67	84	57	77	61	79	60	90	55	97	68	98	65	97	63	.....	.....	95	70	90	67
9....	64	57	69	53	80	55	72	54	71	55	75	54	66	54	91	65	98	65	95	63	99	65	.....	.....	95	63	78	56
10....	76	56	72	51	76	56	78	52	75	64	72	52	76	53	80	54	80	55	96	60	79	55	.....	.....	83	56	77	51
11....	78	54	78	48	73	52	70	55	72	47	71	49	72	52	76	53	76	53	83	.....	75	51	.....	.....	77	60	77	54
12....	90	56	86	42	81	45	78	52	77	47	70	51	78	46	79	50	79	52	83	.....	70	48	.....	.....	82	56	83	48
13....	86	61	91	49	83	56	76	57	78	56	75	47	82	60	75	50	79	51	91	51	83	50	.....	.....	85	57	88	61
14....	89	63	81	61	83	55	81	53	81	54	80	44	78	60	84	47	84	51	88	57	83	52	.....	.....	84	60	88	58
15....	78	62	73	57	78	62	80	60	79	61	81	57	73	53	88	53	90	60	88	62	94	58	.....	.....	89	67	79	60
16....	80	52	82	47	81	46	75	58	75	45	78	52	77	46	78	60	76	62	79	52	74	63	.....	.....	84	66	75	58
17....	90	57	90	53	84	44	80	48	81	48	76	49	82	52	82	52	82	56	90	60	81	55	.....	.....	84	55	78	50
18....	94	58	96	57	95	51	90	57	93	53	89	49	94	60	88	52	87	57	95	55	86	59	.....	.....	90	62	87	55
19....	101	63	100	57	100	60	96	63	97	62	89	56	97	61	95	56	90	58	94	59	90	57	.....	.....	95	67	90	58
20....	92	66	93	61	96	68	98	68	93	68	86	60	89	66	96	56	92	56	99	66	91	59	.....	.....	99	70	97	65
21....	84	65	90	64	77	62	88	67	85	64	85	64	72	62	102	65	96	62	100	71	96	60	.....	.....	102	75	94	64
22....	88	65	82	60	82	58	72	62	76	60	72	65	78	59	104	66	99	62	98	65	99	64	.....	.....	99	75	84	63
23....	95	66	84	61	73	63	73	62	78	59	71	62	78	61	86	65	95	65	92	65	93	65	.....	.....	92	67	81	61
24....	82	61	86	61	88	60	96	62	92	58	74	60	88	62	100	68	98	64	103	62	98	60	.....	.....	100	69	95	61
25....	74	54	74	50	80	.....	85	58	77	51	74	59	74	54	92	67	94	72	95	.....	93	68	.....	.....	93	70	80	58
26....	73	56	68	51	.....	51	65	52	69	55	73	53	60	50	75	62	76	58	79	.....	83	61	.....	.....	73	57	72	50
27....	84	49	73	38	73	33	70	42	72	45	56	39	70	46	70	45	72	49	80	41	74	47	.....	.....	76	52	80	44
28....	82	59	80	53	84	51	81	52	83	49	61	50	78	54	80	47	82	53	102	56	87	52	.....	.....	93	58	89	57
29....	88	57	89	52	87	54	92	57	88	54	76	55	86	50	95	55	99	66	100	62	101	63	.....	.....	96	68	93	63
30....	86	59	81	59	93	63	94	68	86	61	85	66	87	60	101	62	100	74	102	80	98	71	.....	.....	102	84	96	68
Mns..	83.4	58.0	81.7	52.9	82.4[a]	53.5[a]	81.1	56.9	80.3	54.3	74.9	54.2	78.4	54.8	86.7	55.8	87.3	59.0	92.1	59.7[d]	87.6	58.9	.....	.....	89.6	63.5	85.2	56.7

TABLE 3.—*Maximum and minimum temperatures at selected stations for June, 1911. 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....	85	56	79	55	83	61	87	58	88	58	90	66	91	54	89	63	87	50	86	61	84	62	89	62	87	60	80	64
2....	93	55	87	58	89	62	84	50	90	57	98	68	87	45	79	73	86	48	98	72	100	70	89	58	92	65	98	68
3....	96	66	85	63	90	70	84	48	87	54	87	63	86	43	81	65	86	48	97	67	97	67	89	59	91	60	97	73
4....	94	60	88	57	91	61	88	49	91	49	101	60	93	42	100	65	90	45	98	65	97	67	93	54	94	60	96	71
5....	88	54	82	62	84	57	86	60	86	48	99	68	79	48	81	68	80	50	96	64	99	72	81	56	90	55	98	73
6....	89	62	80	46	80	53	86	55	86	52	90	62	84	45	86	57	82	42	84	58	83	61	83	48	80	50	82	63
7....	90	67	87	54	88	60	90	60	96	57	104	63	91	45	92	66	80	42	92	67	93	62	94	58	89	58	89	65
8....	102	71	97	65	100	75	87	61	94	58	102	76	94	55	104	74	82	42	101	70	102	73	93	63	100	65	102	73
9....	97	72	97	64	99	66	86	60	94	56	99	64	90	51	100	72	85	55	100	71	100	76	93	56	100	63	100	74
10....	90	60	83	55	78	59	78	48	80	49	88	54	80	46	85	62	78	48	85	66	83	64	78	51	78	59	83	71
11....	69	55	71	51	76	59	82	51	86	48	88	55	80	45	88	67	88	40	87	55	86	59	82	51	79	56	84	65
12....	82	52	74	49	79	55	86	55	87	42	87	49	88	38	84	58	80	52	82	55	82	56	84	43	79	55	80	62
13....	78	50	76	45	79	54	89	63	97	49	93	50	93	50	92	54	80	50	88	50	85	55	91	52	87	50	82	61
14....	91	53	82	44	84	57	84	58	93	56	98	62	88	53	90	66	86	56	89	65	87	64	89	59	86	59	84	62
15....	90	59	87	54	91	65	76	60	91	60	100	70	.....	.....	99	64	70	56	98	65	96	65	93	58	94	60	92	67
16....	96	60	76	59	85	68	66	53	73	58	90	62	89	40	87	69	80	50	91	69	93	69	79	61	86	65	92	69
17....	90	62	80	57	84	62	70	52	77	55	80	62	79	53	83	63	83	48	78	68	78	65	81	60	82	62	77	65
18....	92	65	85	51	86	58	83	51	84	51	87	59	85	60	86	67	83	48	86	60	85	59	84	53	85	58	83	63
19....	95	60	90	57	89	59	84	58	83	55	91	54	85	56	91	56	86	52	90	54	89	58	86	55	89	52	87	64
20....	97	65	90	59	91	62	86	62	90	60	95	64	88	60	95	61	90	57	93	54	93	57	90	56	93	59	90	68
21....	97	67	94	61	95	68	86	59	92	61	96	60	.....	.....	98	65	91	70	96	59	96	65	93	61	96	61	95	72
22....	99	69	98	60	97	69	82	58	95	58	98	62	90	55	100	66	93	52	98	63	98	62	95	66	98	58	96	74
23....	100	67	96	64	97	72	91	56	96	58	100	68	91	56	100	68	93	52	98	65	94	66	95	61	99	59	91	72
24....	101	68	96	65	97	71	95	61	100	60	103	68	100	55	102	78	95	54	101	71	100	71	97	67	100	67	96	72
25....	105	65	95	71	94	72	80	61	92	80	103	74	88	57	101	76	90	55	105	78	103	73	92	60	95	66	98	68
26....	77	61	75	61	78	62	77	55	84	58	83	63	88	52	82	65	78	54	83	64	84	66	81	57	78	58	88	68
27....	75	50	70	43	70	52	90	53	91	58	93	51	87	44	84	56	82	40	88	53	83	57	87	49	75	52	76	62
28....	81	50	77	44	81	55	94	61	101	63	97	69	101	63	95	68	95	48	94	66	90	63	99	65	88	57	85	62
29....	100	55	94	51	99	70	93	62	102	66	102	74	95	58	103	75	99	58	102	78	103	76	104	70	101	67	101	76
30....	96	69	97	63	97	76	86	70	98	72	100	75	95	68	101	73	95	70	100	75	100	78	97	73	98	72	99	78
Mns..	91.2	60.7	85.6	56.3	87.7	63.0	84.5	56.9	90.1	56.9	94.7	63.2	88.8[b]	51.3[b]	91.9	66.0	85.8	51.1	92.8	64.3	92.1	65.3	89.3	58.1	89.6	59.6	90.0	68.2

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.....	93	65	73	55	78	51	78	60	93	53	88	65	90	68	81	60	91	62	79	54	79	63	81	63	80	53
2.....	91	57	98	58	87	57	95	67	98	64	96	74	93	62	97	69	94	64	97	65	98	70	86	65	93	56
3.....	87	58	88	67	93	64	92	71	85	57	93	69	93	71	94	73	92	66	97	74	95	77	96	76	94	64
4.....	95	50	99	66	92	60	93	67	98	56	97	71	96	72	94	74	98	60	97	71	95	75	97	78	95	71
5.....	77	53	100	67	95	60	94	65	93	56	97	66	98	70	97	73	101	62	97	71	98	78	95	78	96	70
6.....	78	47	66	62	81	54	79	57	90	53	89	66	90	67	91	72	95	59	84	67	88	72	83	68	86	62
7.....	90	58	85	61	88	54	85	62	102	59	94	70	98	68	91	69	104	59	86	64	85	68	86	69	87	60
8.....	96	64	102	65	100	63	101	72	102	69	103	74	103	69	101	73	102	72	95	68	100	73	90	67	95	61
9.....	93	62	100	69	97	70	99	72	98	62	99	74	100	77	99	76	99	72	100	73	98	79	98	72	98	70
10.....	76	65	90	72	81	64	80	66	90	56	88	68	96	71	91	71	87	62	102	68	94	76	98	75	95	72
11.....	78	53	78	60	74	57	78	62	89	51	90	59	90	66	90	63	91	55	89	67	88	65	88	74	84	64
12.....	81	47	72	58	80	53	80	56	89	48	85	55	83	54	83	60	90	53	83	59	81	63	78	66	80	58
13.....	87	51	80	52	79	51	82	54	99	59	88	55	87	52	88	57	98	52	85	55	85	62	83	65	86	55
14.....	84	57	70	60	84	53	84	58	96	64	95	66	99	62	90	66	98	66	81	58	85	64	81	64	87	56
15	91	60	86	60	87	55	86	64	87	61	98	67	97	69	95	68	97	68	93	62	95	68	89	65	90	60
16	75	62	97	64	86	65	87	69	80	54	96	72	98	73	100	77	92	66	79	70	100	74	97	70	98	66
17.	80	56	80	65	85	63	82	66	85	52	79	69	86	65	79	68	81	57	86	68	80	70	94	74	80	64
18.	85	54	86	58	86	56	84	59	89	59	87	62	82	63	82	65	88	57	74	65	79	65	76	66	86	60
19.	89	61	87	56	91	56	88	57	92	54	91	59	91	60	88	63	92	55	88	62	86	64	85	68	90	55
20.	93	64	91	56	92	58	88	61	94	55	92	56	93	59	92	62	92	59	93	60	90	67	91	68	96	56
21.....	95	67	97	57	95	62	93	66	94	60	94	61	95	58	95	66	95	57	94	63	94	71	95	72	98	64
22.....	98	69	94	61	97	60	95	68	95	61	95	62	96	63	94	68	97	62	94	66	93	76	93	74	97	70
23.....	87	65	91	62	97	63	91	71	100	63	96	67	96	65	91	70	101	65	89	69	88	71	82	74	98	66
24.....	95	67	96	65	97	65	94	71	104	64	99	72	102	71	100	70	105	68	88	70	96	72	82	70	96	68
25.....	92	61	97	68	91	63	93	72	100	57	110	80	114	76	106	82	110	62	96	74	100	78	88	71	99	70
26.....	75	57	84	69	75	62	78	62	84	59	85	65	106	68	91	71	97	61	99	67	87	71	86	74	90	74
27.....	76	47	88	60	68	52	70	55	92	54	92	58	95	56	91	64	93	56	88	63	88	68	85	67	84	60
28.....	93	60	75	58	78	50	80	55	104	65	98	69	100	73	90	66	100	65	92	59	86	67	87	66	86	52
29.....	103	65	100	60	97	51	100	70	105	73	101	79	102	79	98	77	102	72	97	71	98	75	92	70	99	60
30.....	99	77	98	72	97	68	98	78	99	69	99	76	101	75	98	77	99	74	99	72	97	77	95	74	100	72
Mns.....	87.7	59.0	88.3	62.1	87.6	58.7	87.6	64.4	94.2	58.9	93.8	66.9	95.7	66.7	92.6	69.0	96.0	62.3	91.4	65.8	90.9	70.6	88.6	70.1	91.4	63.0

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