Climatological Data for July, 1910.

DISTRICT No. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

There were no barometric depressions that made any marked or general impression on the weather over the whole or even a considerable portion of the district during the month. Such changes as occurred were influenced to a large extent by areas of atmospheric pressure that were high in a comparative sense, but usually lacked the intensity and force necessary to produce cool weather. As a result the mean temperature was above the normal over most of the drainage area and the precipitation was deficient and geographically was rather irregularly distributed. In Missouri and Iowa, and probably in the eastern counties of Kansas and Nebraska, the amount of sunshine did not vary much from the normal, but in the remainder of the watershed there was very little, if any, cloudy weather that prevailed for any considerable length of time, and the amount of bright sunshine was notably in excess of the customary July average.

TEMPERATURE.

The 3,000-foot contour, which in a general way may be outlined as running from northeastern Montana just to the east of the Black Hills in South Dakota, thence southward, appears to have been the dividing line between a decided temperature excess over the high country to the westward, and a moderate excess over the territory lying at a lesser elevation than 3,000 feet. There was a marked absence of abrupt temperature changes. The daily thermometer readings were somewhat more uniform than usual, and the changes preceding the two waves of hot weather that affected most of the district, and the several moderately cool periods that occurred locally, were gradual. Low atmospheric pressure over eastern Montana, northeastern Wyoming, and the Dakotas on the 14th and 15th was accompanied by generally fair weather, southerly winds, and high day temperatures—the highest of the month. In a section comprising northeastern Montana and the western portions of the Dakotas the temperatures were especially high on these two days and exceeded 110° at several stations. The extreme was 116° at Cottonwood, in the Cheyenne River Valley, South Dakota. This reading was the highest recorded in the district. The warmest weather in the section that may be termed the southern half of the district, and comprising the valleys of the Platte and Kansas rivers and the Missouri Valley to the south of the South Dakota line, was on the 26-27th. It was coincident with high atmospheric pressure over the Gulf States; the winds were from the south and southwest and the day temperatures exceeded 100° at numerous stations. The periods of cool weather were not well marked; they were of short duration and individually covered limited areas only. Each of them was caused by some of the stronger and better formed high pressure areas that either crossed a portion of the district or passed close enough to its confines to make its influence felt. There were no temperatures that were low enough to be considered unusual for July, although in a few of the mountainous localities of Montana, Wyoming, and Colorado, where topographical conditions are favorable for cold weather at almost any season, there were some readings below the freezing point. The greatest excess in temperature was in that portion of the plains country immediately to the east of the mountains. In the northwestern quarter of Kansas, in North Dakota, and in the northern half of South Dakota there was also a marked excess. From these regions eastward and southeastward the excess was small, and at numerous points close to the Missouri River from Yankton, S. Dak., southward there were slight deficiencies. Effectively the temperature excess in the high plateau and foothill country of the western part of the district was much greater than was indicated by the July values, for June also was an abnormally hot month and the long period during which the thermometer readings were, with short and infrequent respites, above the seasonal average, has been felt in a detrimental way.

PRECIPITATION.

In restricted sections of the mountainous country of Wyoming, Colorado, and western South Dakota, where thundershowers were heavy locally, there was more than the normal amount of rain. Also along or close to the Missouri River, from southern South Dakota to St. Louis, there were limited areas over which there was an excess of rain. In all of the remaining territory, which embraces a very large part of the district, there was insufficient precipitation. In the lower or eastern portion of the district most of the rain fell during the first half of the month. In the western portion most of it fell in the latter half. There were no very general rainy periods. With few exceptions, the precipitation was in the form of thundershowers, which occurred frequently, but apparently were confined to small areas and in most cases were light. There were, however, a few noteworthy exceptions to this, and at points in the spots where there was more than the normal amount of precipitation the showers were excessive in amount. The heaviest monthly fall was 10.85 inches at Sublett, Mo.

RIVERS.

All the rivers were very low. In the elevated portion of the watershed, both in the mountains and the Plateau country, some of the streams were lower than ever known before. The low stages in the headwaters were caused partly by the continued lack of rain through June and July, and partly by the very early disappearance of the mountain snows. There were a few rapid rises of short duration in some of the water courses between the 2,000 and the 3,000 foot contours, caused by local thundershowers, but their effects were very limited in extent. Rains on the 14th and 15th caused a rise in the Missouri, from western Iowa to the mouth. The rise in the main river was unimportant, but in the smaller tributary streams it was sudden and decided and was damaging to crops, especially in the counties of Saline, Charitan, Howard, and Boone, in Missouri. With these exceptions the Missouri was unusually low. At the end of the month the gage reading at Hermann, Mo. (103 miles from the mouth of the river), was 6.0 feet, the lowest July reading since 1897, when a stage of 4.9 feet was reached. At St. Louis the Mississippi reached its lowest stage (6.6 feet) on the 26th and 27th. The records for St. Louis extend back to and include 1861; they show no July stage lower than 6.6 feet, and only once, in July, 1863, was this low reading equaled. In the latter days of the month the lack of water was beginning to be felt seriously by navigation interests; especially was this the case in the Mississippi, for, comparatively, the Missouri River stages were not so low.

MISCELLANEOUS.

Local electrical and wind storms of more than ordinary violence occurred as follows: At Watertown, S. Dak., on the 5th, in which one man was killed when a circus tent was blown down; at Columbia, Mo., on the 9th, when the wind attained a velocity of 58 miles per hour; near Pierre, S. Dak., on the 13th, and at St. Louis, Mo., on the 25th, when the wind attained a velocity of 58 miles per hour. The storm near Pierre had decided tornadic characteristics.

In Montana, Wyoming, and the Dakotas the dry weather was very detrimental to native grasses. Water for irrigation, and in some localities for stock, was growing scarce at the end of the month. In the Dakotas fires were numerous, both in the prairie country and in the Black Hills. Railroads in South Dakota dependent upon windmill pumps for their water supply experienced considerable trouble; there was a lack of wind as well as a lack of water. In Nebraska the hot, dry weather was very unfavorable for the growth of vegetation, but was advantageous for thrashing and haying. Conditions in Kansas appear not to have been very unfavorable until the 23d, when hot winds began and dried the ground rapidly, injuring vegetation. Copious rains are needed in Iowa to revive pastures and to assure the development of other vegetation.

TABLE 1.—*Climatological data for July, 1910. District No. 6, Missouri Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	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, .01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Wyoming.																				
Barnum	Johnson	5,500	5								0.84		0.42	0.0	4	17	14	0	w.	Thomas Freegaurd.
Basin	Big Horn	3,862	11																	O. J. Robertson.
Bennett	Carbon		2								1.08		0.80	0.0	4	21	10	0	w.	Chas. C. Young.
Big Creek Station[i]	do			63.8		98	17	34	10	56	0.90		0.70	0.0	2					U. S. Forest Service.
Burns	Laramie		1	70.8		98	27	46	6	41	0.45		0.35	0.0	2				nw.	Henry D. Colburn.
Cheyenne	do	6,088	39	69.2	+ 1.8	95	26	43	10	40	1.32	− 0.67	0.34	0.0	11	10	18	3	nw.	U. S. Weather Bureau.
Chugwater	do	5,282	9	68.9	+ 3.2	96	26	35	11	48	0.61	− 0.76	0.32	0.0	5	9	20	2	w.	George Milne.
Clark	Big Horn	4,320	4	73.9		102	14	47	9	42	0.81		0.26	0.0	8	15	15	1	sw.	Chas. A. C. Snow.
Cody	do	5,000	3	71.0[e]		100[e]	14	41[e]	10	45[e]	0.46		0.18[e]	0.0	3	15[e]	11[e]	0[e]	w.	F. A. Fish.
Crystal Lake	Laramie	6,900	1	66.0		92	26†	36	10	50	1.22		0.39	0.0	4	2	25	4	se.	Cheyenne City Engineer.
Dome Lake	Sheridan	8,821	3	55.5		80	14	34	10†	36	0.15		0.06	0.0	8	13	14	4	sw.	Chas. Hidlay.
Douglas	Converse	4,793	1																	Henry C. Miller.
Dubois	Fremont	6,909	3	61.4		91	14	34	17	51	0.53		0.16	0.0	5	16	14	1	w.	Dr. F. H. Welty.
Eaton's Ranch[e]	Sheridan	4,600	5	66.8		100	14	44	8†	37	0.79		0.25	0.0	7	18	10	0	n.	F. A. Eaton.
Echeta	Crook	4,200	1								0.90		0.35	0.0	3	28	2	1	s.	M. R. Hunter.
Elk Mountain	Carbon		5								2.28		1.75	0.0	7					Wm. Richardson.
Encampment[i]	do	7,322	1	65.3		89	25	41	9	42	1.12		0.60	0.0	4				sw.	U. S. Forest Service.
Ervay	Natrona		1	66.0		92	14	38	5†	48	0.57		0.28	0.0	6	25	3	3	sw.	Frank Jameson.
Fort Laramie	Laramie	4,270	32																	John Hunton.
Fox Creek Station	Albany	9,015		53.6		81	26	22	6	54	1.97		0.44	0.0	15	14	17	0	w.	U. S. Forest Service.
Gillette	Crook	4,546	4	74.1		102	14†	46	9	45	1.43		0.39	0.0	6	14	13	4		S. D. Perry.
Hunters' Station	Johnson	8,000	4	58.7		86	14	33	10	42	1.91		0.64	0.0	10	18	9	4	w.	U. S. Forest Service.
Hyattville	Big Horn	4,632	11	70.4	+ 0.7	101	14	45	5†	49				0.0	1	22	7	2	w.	Wm. Booth.
Jireh	Converse	5,050									0.90		0.40	0.0	8	24	4	3	se.	P. L. Ford.
Kirtley	do		6	69.3	+ 3.8	97	15†	38	10	46	2.20	+ 0.68	1.69	0.0	5	23	6	2	s.	D. M. Zum Brunnen.
Kirwin	Big Horn	9,187	2	54.4		76	14	30	6	36	1.50		0.40	0.0	11	7	23	1	w.	C. L. Tewksbury.
Knowles	Crook		1								0.66		0.21	0.0	5					G. A. Knowles.
Lander	Fremont	5,372	18	69.2	+ 1.2	94	25	42	10	46	0.67	− 0.19	0.31	0.0	10	12	17	2	sw.	U. S. Weather Bureau.
Laramie	Albany	7,188	19	64.0	+ 1.6	89	26†	39	10	48	1.97	+ 0.40	0.61	0.0	10	17	11	3	s.	University of Wyoming.
Leo	do	6,878	9	67.1	+ 3.9	92	25†	39	24	50	0.36	− 0.17	0.36	0.0	1	16	14	1	w.	C. A. Cowdin.
Lolobama Ranch	Big Horn	7,052	6	60.2	+ 3.8	88	13	30	12	55	2.02	+ 0.50	0.44	0.0	10	10	21	0	w.	Mary E. Painter.
Lovell	do	3,825	5	71.6	+ 2.1	102	14	43	10	45	0.39		0.25	0.0	4	16	11	4	w.	R. Fred Harrison.
Lusk	Converse	5,007	20	69.2	+ 1.0	95	14	38	9	46	0.14		0.12	0.0	2					D. E. Goddard.
Manville	do	5,050	1								0.81		0.51	0.0	6	26	4	1	se.	C. A. Sherman.
Moorcroft	Crook	4,111	7	72.0	+ 2.9	105	18	35	10	57	0.51	− 0.89	0.20	0.0	7	16	10	5		James K. Somers.
Moore[b]	Albany	6,000	9	68.3	+ 4.1	95	14	35	11	50	2.38	+ 0.88	1.01	0.0	10	7	17	5	w.	Edwin Moore.
Newcastle	Weston	4,319	3	75.5		102	15†	45	10	43	1.24		0.41	0.0	4	17	14	0	nw.	Dr. S. W. Johnson.
Pathfinder	Natrona	5,735	4	73.0	+ 2.8	99	20	46	9	43	1.33	+ 0.35	0.57	0.0	7	25	6	0	sw.	U. S. Reclamation Service
Phillips	Laramie	4,900	7	73.4	+ 5.9	99	25	43	1†	46	1.53	− 0.70	0.65	0.0	8	15	11	5	w.	Mrs. Arthur Rugg.
Powell	Big Horn	4,376	3	72.4		101	14	47	9	44	0.64		0.49	0.0	5	20	11	0	w.	U. S. Reclamation Service.
Rawlins	Carbon	6,748	8	69.2	+ 2.6	93	25	39	9	43	1.03	− 0.08	0.38	0.0	8	16	14	1	w.	E. J. Ehrenfeld.
Riverton	Fremont	4,960	2																	J. F. Nelson, jr.
Saratoga	Carbon	6,785	12	67.2	+ 1.4	93	25	40	6	49	0.76	− 0.23	0.20	0.0	7	15	14	2	e.	Saratoga & Enc'pm'nt Ry.
Sheridan	Sheridan	3,790	15	70.2	+ 2.7	102	14	40	10	51	0.66	− 0.12	0.30	0.0	9	8	14	9	nw.	U. S. Weather Bureau.
Shoshone Dam	Big Horn	5,385	4	71.5		100	14	48	9	38	2.17		0.83	0.0	6	18[a]	11[a]	1[a]	w.	U. S. Reclamation Service.
Soldiers' Home	Johnson	4,635	18	72.2	+ 3.9	94	14†	44	9	39	1.07	− 0.04	0.47	0.0	7	8	23	0	nw.	Geo. L. Courtney.
South Pass City	Fremont	7,873	8	58.2		83	14†	26	6	49	1.26		0.55	0.0	10	10	14	7	sw.	John Sherlock.
Thermopolis	do	4,350	6																	A. L. Duhig.
Upton	Weston		1								3.59		1.70	0.0	5	10	16	5	sw.	C. E. McPherren.
Valley	Big Horn	6,500	1								1.05		0.38	0.0	7	17	13	1	w.	Jas. L. McLaughlin.
Verona	Sheridan		1								0.56		0.26	0.0	3	5	26	0	se.	O. A. Roode.
Wiant's Ranch	Carbon	7,400									1.04		0.28	0.0	6	3	23	5	sw.	Ira G. Wiant.
Wiley	Big Horn	5,375	1	69.0		98	14	32	8	45	0.97		0.35	0.0	5	16	6	9	w.	C. D. Marshall.
Wyncote	Laramie	4,207	3	72.6		98	26	46	6†	47	1.15		0.86	0.0	6	27	3	1	e.	U. S. Reclamation Service.
Yellowstone Park	Yellowship Park	6,200	22	63.0	+ 1.5	87	14	39	10	39	1.72	+ 0.56	0.86	0.0	12	11	17	3	sw.	U. S. Weather Bureau.
(1) Fountain Hotel	do	7,220	4	58.0		87	18	27	6	54	0.90		0.34	0.0	5	21	8	2	s.	U. S. Army.
(2) Grand Canyon	do	7,900	3	56.4		82	14	29	6	47	1.51		0.45	0.0	6	21	1	9	w.	Do.
(3) Lake Hotel	do	7,733	6	56.4		84	18†	30	6	44	2.04		0.51	0.0	7	15	5	11	s.	Do.
(4) Norris	do	7,525	6	54.8		80	14	28	6†	47	2.06		0.88	0.0	6	16	7	8	w.	Do.
(5) Riverside	do	6,500	4	59.9		87	17	27	6	53	0.74		0.55	0.0	2	15	12	4	sw.	Do.
(6) Soda Butte	do	7,000	5	58.3		88	14	28	10	52	1.70		0.85	0.0	8	23	2	6	sw.	Do.
(7) Sylvan Pass	do	7,000	3	59.0		89	14	30	6	52	1.20		0.45	0.0	7	22	9	0	w.	Do.
(8) Thumb	do	7,772	4	58.0		84	18†	31	24	48	0.49		0.25	0.0	2	13	16	2	sw.	Do.
(9) Tower Falls	do	6,250	1	61.6		93	4	30	7†	54	2.45		1.35	0.0	10	21	0	10	ne.	Do.
(10) Upper Gey. Basin	do	7,395	6	59.2		87	14	31	6	46	0.94		0.35	0.0	5	19	6	6	sw.	Do.
Montana.																				
Adams	Dawson		2	70.8		105	14	42	23	43	1.15		0.45	0.0	6	17	11	3	nw.	W. B. Ennis.
Adel	Cascade	5,200	11	64.5	+ 3.9	97	14	32	9	49	1.04	− 0.95	0.60	0.0	6	15	6	10	w.	Bessie F. Burch.
Agricultural College	Gallatin	4,700	12	66.3	+ 2.7	92	14†	39	9	42	0.73	− 0.49	0.25	0.0	7					E. Burke.
Augusta	Lewis & Clark	4,071	12	62.5	+ 0.4	92	13	35	27	50	1.20	− 0.77	0.46	0.0	4	25	4	2	w.	C. C. Covington.
Babb	Teton	4,461	4	61.0		90	14†	30	27	50	0.62		0.45	0.0	4	24	0	7	sw.	U. S. Reclamation Service.
Bald Butte	Lewis & Clark	6,500	1								1.13		0.47	0.0	7	19	5	7		Matt W. Alderson.
Big Timber	Sweetgrass	4,072	5	70.5		97	14	41	9†	51	0.95		0.35	0.0	6	20	8	3	w.	F. A. Severance.
Big Timber Creek	do										0.87		0.25	0.0	11	16	15	0	w.	J. T. Mjolsness.
Billings	Yellowstone	3,115	15	72.2	+ 0.6	106[a]	13	42	9	54[a]	0.65	− 0.22	0.30	0.0	4					U. S. Weather Bureau.
Boulder Nursery	Jefferson	4,920	14								0.58	− 0.54	0.22	0.0	6					U. S. Forest Service.
Bowen	Beaverhead	6,060	4	57.4		92	14	27	28	59	0.67		0.31	0.0	7	18	9	4		B. B. Lawrence.
Bridger	Carbon	3,664	2	70.5		102	14	41	12	54	0.23		0.23	0.0	1	9	18	4	n.	L. E. Gard.
Broadview Exp. Station	Yellowstone		4	70.0		106	14	34	9	52	1.12		1.00	0.0	4	11	20	0	e.	Dr. W. X. Sudduth.
Busby	Rosebud		5	72.4		106	14	37	10	53	1.20		0.82	0.0	8	7	24	0	w.	C. A. Linscheid.
Busteed	Sweetgrass		2	69.1		101	14	40	10†	46	0.75		0.21	0.0	8	16	13	2	w.	Thos. H. Busteed.
Cabin Creek	Beaverhead										0.67		0.28	0.0	5	19	0	12	w.	W. J. Crowell.
Canyon Ferry	Lewis & Clark	3,644	12	69.7	+ 1.7	98	14	41	9	46	0.80	− 0.66	0.49	0.0	5	20	11	0	nw.	A. C. Pratt.
Cascade	Cascade	3,361	5	70.2		98	14†	39	27	54	1.01		0.54	0.0	7	23	7	1	sw.	E. E. James.
Chessman Reservoir	Lewis & Clark	5,275	2	60.9		86	14	33	9	40	1.05		0.50	0.0	6	26	3	2		Chas. D. Schmidt.
Chester	Chouteau	3,140	7																	Great Nor. Exp. Station.
Chinook	do	2,502	10	74.0[f]	+ 3.8	105[f]	18	42[f]	11	47[f]	1.05	− 0.38	0.64	0.0	6	22	7	2	w.	Thos. O'Hanlon Co.
Chouteau	Teton	3,810	6																	Henry Davidson.
Clear Creek	Chouteau		4																	Cortez Sedgwick.
Clemons	Lewis & Clark	4,672	1								1.22		0.87	0.0	5	14	13	4	w.	Frank Eberl.
Clyde Park	Park		1								0.75		0.20	0.0	6	19[a]	10[a]	1[a]		L. B. Marquis, M.D.
Copper	Meagher		5								0.70		0.30	0.0	7	19	12	0	w.	Orville Harris.
Crow Agency	Rosebud	3,041	28	72.6	+ 1.6	104	4	41	10	58	0.48	− 0.72	0.23	0.0	3	20	11	0	nw.	F. E. Server.
Culbertson	Valley	1,927	8																	G. H. Coulter.
Cut Bank	Teton	3,700	12	67.4	+ 6.2	95	17	38	28	46	0.54	− 1.18	0.21	0.0	3	28	3	0	w.	Chas. N. Thomas.
Decker	Rosebud	3,400	6																	Adam Anderson.
Delpine	Meagher	5,000	1								0.77		0.40	0.0	9	4	25	2	w.	T. L. Holliday.

TABLE 1.—*Climatological data for July, 1910. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.	Number of rainy days, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Montana—Cont'd.																				
Denton	Fergus		2																	P. T. Griesenauer.
Dillon	Beaverhead	5,147	13	68.9	+ 4.7	94	15	37	12	52	0.35	− 0.79	0.22	0.0	6	14	17	0	sw.	J. E. Monroe.
Dirty Creek	Meagher	6,000	1								0.74		0.20	0.0	5	22	6	3	w.	Lewis Cameron.
Dry Creek	Broadwater	5,500	1								0.68		0.30	0.0	7	13	18	0	sw.	J. C. Stuart.
Dry Wolf Camp	Cascade	6,000	1								1.14		0.75	0.0	6	16	11	4	sw.	Mrs. R. J. Eveleth.
East Gallatin River	Gallatin	6,000	1								0.83		0.25	0.0	6	22	7	2	w.	John Eberhart.
Ekalaka	Custer		10	75.0	+ 5.4	108	14	42	12	46	0.02		0.02	0.0	1	28	3	0	w.	Wm. Freese.
Elkhorn	Jefferson	6,576	1								0.81		0.19	0.0	10	16	8	7	w.	James Heagan.
Evans	Cascade	4,900	3																	H. Thrasher.
Fallon	Custer	2,208	6	73.8[d]		108[h]	14	44	12	52[h]	1.39		0.66	0.0	5	16	15	0	w.	Mrs. A. C. Gifford.
Family§	Teton	3,950	1	66.8		99[h]	16	34[h]	23	53[h]	0.22		0.22	0.0	1	21[h]	8[h]	0[h]	w.	U. S. Reclamation Service.
Fish Creek**§	Silver Bow	8,500	1	59.0		80	13†	34	9	38	1.04		0.30	0.0	5				w.	O. B. Tilton.
Fish Tail Creek	Carbon	5,000	1								0.96		0.23	0.0	8	25	4	2	w.	O. E. Haskin.
Flathead Creek	Gallatin	6,000	1								1.06		0.34	0.0	8	11	16	4	nw.	L. G. Brown.
Forsyth	Rosebud	2,514	4	74.9[d]		108[e]	14	44[d]	10	53[d]	0.35[a]		0.25	0.0	2	12[e]	13[e]	3[e]	w.	J. M. Patterson, jr.
Fort Benton	Chouteau	2,630	30	71.5	+ 1.8	98	16†	48	9	41	0.75	− 0.88	0.45	0.0	2	23	7	1		Jere Sullivan.
Fort Shaw	Cascade	3,500	22	68.8[d]	+ 1.6	96[d]	14	41[d]	27	48[d]	1.66	+ 0.55	0.86	0.0	2	22[d]	5[d]	0[d]		U. S. Reclamation Service.
Fort W. H. Harrison§§	Lewis & Clark	4,004	6	69.6		95	13†	40	9	31						27	4	0	e.	Post Hospital.
Foster	Yellowstone		1	72.9		108	14	42	10	56	0.37		0.27	0.0	3	19	11	1	w.	E. K. Bowman.
Garneil	Fergus	5,500	1	65.8		95	14	34	9	48	0.97		0.40	0.0	5	12	15	4	se.	Thos. E. Scally.
Glendive	Dawson	2,069	20	75.9	+ 3.6	111	14	47	12	48	1.74	− 0.04	1.10	0.0	5	25	5	1	se.	W. B. Walker.
Goldbutte	Chouteau		3	66.9		95	14†	41	11†	45	1.19		0.62	0.0	4	21	8	2	w.	J. T. Berthelote.
Graham	Custer		4	74.9[g]		106[g]	14	40[g]	10	51[g]	0.78		0.28	0.0	6	19[g]	5[g]	0[g]	nw.	J. S. Rue.
Grayling	Gallatin	6,700	4	57.8		86[a]	16	26[a]	6	52[a]	1.16		0.76	0.0	5	14[a]	13[a]	3[a]	sw.	P. Kerzenmacher.
Great Falls	Cascade	3,350	19	70.6	+ 2.6	98	14	45	9	38	1.33	− 0.31	0.53	0.0	7	20	9	2	sw.	S. H. Bauman.
Half Moon Pass	Fergus	6,500	1								1.21		0.70	0.0	4	2	29	0	w.	Thos. Stigen.
Half Way House	Broadwater	6,000	1								0.79		0.32	0.0	7	23	8	0	ne.	Gordon Deans.
Harlowton	Meagher	4,165	2	65.4[d]		95[d]	17	37[d]	10†	50	0.67		0.49	0.0	2				w.	Joseph Muir.
Havre	Chouteau	2,505	30	70.6	+ 2.5	102	17	44	27	45	0.84	− 1.08	0.40	0.0	5	20	9	2	nw.	U. S. Weather Bureau.
Helena	Lewis & Clark	4,110	30	68.6	+ 2.0	93	17	41	9	38	0.61	− 0.46	0.22	0.0	6	12	14	5	w.	Do.
Highwood	Chouteau		3								1.03		0.55	0.0	6	19	10	2	sw.	W. S. McCord.
Home Park	Madison		5								0.55		0.24	0.0	3	25	6	0	w.	H. L. Miller.
Huntley	Yellowstone	3,014	4	72.6		108	14	40	5	55	0.00		0.00	0.0	0	18	12	1	ne.	U. S. Reclamation Service.
Jones Canyon	Gallatin	6,800	1								1.17		0.37	0.0	10	8	17	6	w.	Jas. McCune.
Jordon	Dawson		5	76.1		107	14	44	24	52	0.39		0.25	0.0	4	25	0	6	nw.	W. C. Henderson.
Lewistown	Fergus	4,010	13	66.7	+ 2.3	98	17	37	9	47	2.20	− 0.29	1.07	0.0	7	17	14	0	w.	W. W. Watson.
Livingston	Park	4,488	13	70.2[h]	+ 2.1	100[h]	14	38[h]	9	48	0.57	− 0.54	0.19	0.0	7	11[h]	9[h]	3[h]	sw.	Lewis Terwilliger.
Lone Tree	Chouteau		5	72.9[h]		102	14†	47[d]	12	43	0.73		0.33	0.0	6	25	6	0	w.	E. Wilson.
Lost Horse Creek	Meagher	5,800	1								2.15		0.98	0.0	9	18	10	3	w.	C. M. Mason.
Malta	Valley	2,240	3	72.4		103	14	45	11	43	1.15		0.30	0.0	7	24	3	4	w.	U. S. Reclamation Service.
Meadow Creek	Madison	6,700	1																	F. E. Parent.
Melstone	Fergus	2,903	1								0.77		0.63	0.0	4					E. J. Parkinson.
Mildred	Custer		1								1.69		1.46	0.0	4	15	16	0	se.	Leon B. Clarke.
Miles City	do	2,371	19	76.8	+ 3.9	108	14	51	10	44	0.93	− 0.44	0.59	0.0	4	20	10	1	ne.	U. S. Weather Bureau.
Moore	Fergus		3								1.56		0.78	0.0	5	24	6	1	w.	Clyde Grove.
Norris	Madison	4,845	4	71.2		99	14	48	9	38	0.88		0.27	0.0	7	15	7	9	s.	Madison River Power Co.
Nye	Sweetgrass		2	61.3		89	14†	33	9	48	1.11		0.81	0.0	9	23	5	3	sw.	F. L. Bryant.
Olsen Creek	Jefferson	6,345	1								1.04		0.35	0.0	7	27	2	2	w.	Robt. Olsen.
Pipestone Pass	do	7,000	1								1.14		0.36	0.0	9	17	14	0	sw.	Mrs. Theola Kiermeyer.
Poplar	Valley	2,020	25	72.5	+ 2.7	106	14	45	12	48	0.74	− 0.85	0.45	0.0	2	26	4	1	ne.	H. M. Cozier.
Raymond	Teton	4,260	5	69.1		96	14	40	8	40	0.95		0.24	0.0	5	19	11	1	w.	W. H. Campbell.
Red Lodge	Carbon	5,548	10	64.4	+ 2.8	91	3†	37	9	46	1.37	+ 0.14	0.40	0.0	7	10	19	2	ne.	I. A. Draper.
Reese Creek	Gallatin	5,000	1								0.59		0.22	0.0	4					Henry Cramer.
Renova	Jefferson	4,383	11	66.0	+ 0.2	97[a]	14	37[a]	10	52[a]	0.51	− 0.60	0.14	0.0	7	18[a]	11[a]	1[a]	sw.	F. B. Elmer.
Rimini	Lewis & Clark	7,900	2																	Milo Brooks.
Ryegate	Yellowstone	3,640	1	69.5		103	14	39	12	50	0.44		0.22	0.0	3	24	5	2		H. W. Scherfenberg.
Sedan	Gallatin	3,155	2																	Asa Hennes.
Springbrook	Dawson		9	73.6	+ 6.8	112	14	45	9	46	1.28		0.63	0.0	4	14	15	2	sw.	Mrs. H. L. Miller.
Stearns	Lewis & Clark	4,500	1								2.01		1.10	0.0	3	15	1	15		J. W. Hardgrove.
Three Forks	Gallatin	4,066		68.0		100	14	40	13†	56	0.68		0.25	0.0	6	26	3	2	sw.	A. A. Adams
Toknaƒ	Dawson	2,050	5	72.3		108	14†	44	12	53	1.14		0.41	0.0	5	23	7	1		U. S. Reclamation Service.
Townsend	Broadwater	3,790	1								0.31									River Observer.
Trail Creek	Park	6,000	1								0.89		0.41	0.0	6	20	11	0	w.	Andrew Wiedenbauer.
Utica	Fergus	5,000	16					41	11†		1.23	− 0.94	0.38	0.0	8	21	10	0	w.	P. W. Korell.
Valentine	do		4	71.6		106	14	41	9	51	0.61		0.24	0.0	5	27	3	1	w.	B. M. Bean.
Virginia City	Madison	5,880	22	66.7	+ 2.1	91	14	41	9	38	1.65	+ 0.28	0.53	0.0	8	19	11	1	e.	Francis Mailand.
Wall Rock Mountain	Broadwater	5,600	1								1.10		0.35	0.0	9	20	11	0		D. L. Doig.
Warm Springs Creek	Madison	7,500	1																	M. D. Lytle.
Willow Creek	Park	9,000									0.45		0.31	0.0	2	8	23	0	w.	John Topp.
Wolf Creek	Lewis & Clark	4,000	5	71.9		102	14	40	9	46	1.17		0.26	0.0	8	18	4	9	w.	A. W. Verharen.
Wolf Point	Valley	1,995									0.75			0.0						River Observer.
Woodville	Jefferson	6,376	1								0.66		0.13	0.0	10	17	14	0	sw.	Anna Kinman.
North Dakota.																				
Aplin	Oliver		3	71.8		105	15	44	10	44	2.76		1.49	0.0	7	22	9	0	nw.	J. B. Hagelbarger.
Beach	Billings	2,759	3	69.8		104	15	41	12	45	2.00		0.77	0.0	7	20	11	0	nw.	D. J. Steiner.
Berthold Agency	McLean	2,082	13	70.2	+ 0.8	107[h]	14	40[h]	28†	50[h]	1.57	− 0.51	0.57	0.0	8	27	3	1	nw.	C. L. Hall.
Bismarck	Burleigh	1,674	35	71.8	+ 1.6	107	15	46	26	45	0.93	− 1.21	0.39	0.0	8	20	11	0	nw.	U. S. Weather Bureau.
Broncho	Mercer		2	70.4		107	15	45	10†	41	1.38		1.16	0.0	5	4	26	1	nw.	E. M. Walker.
Buford	Williams	1,944	4	70.8		103	15	44	11	43	1.05		0.40	0.0	4	18	0	13	se.	G. O. Sanford.
Coal Harbor	McLean	1,901	13	71.2	+ 3.4	105	14	44	12	42	2.55	+ 0.07	1.25	0.0	6	22	0	9	w.	F. H. Childs.
Dickinson	Stark	2,453	17	70.1	+ 2.1	107	15	41	12	42	2.07	− 0.11	1.28	0.0	6	17	9	5	nw.	L. R. Waldron.
Edgeley	Lamoure	1,468	8	71.4	+ 3.3	105	15	44	30	47	0.60	− 2.24	0.45	0.0	4	14	10	7	nw.	O. A. Thompson.
Epping	Williams		2								1.72		0.41	0.0	7	15	11	5	nw.	M. E. Ugan.
Fullerton	Dickey	1,439	11	71.3	+ 3.8	103	15	44	12	47	0.51	− 2.62	0.29	0.0	3	25	6	0	s.	F. O. Alin.
Haley	Bowman		2	79.4		109	15	58	7†	31	1.20		0.70	0.0	2	21	8	2	nw.	A. M. Oberchain.
Hettinger	Adams	2,253	3																	F. E. Ellickson.
Howard	Williams	2,275	3	67.8		99	14	37	29	44	2.42		0.82	0.0	6	9	16	6	nw.	C. P. Amsbaugh.
Jamestown	Stutsman	1,390	22	68.0	− 0.6	104	15	40	9	49	0.83	− 1.76	0.20	0.0	7	12	19	0	ne.	L. B. Baldwin.
Lamoine	Kidder		2	68.1		100	14†	40	28	45	3.80		2.35	0.0	6	20	10	1	ne.	E. V. Virgin.
Lamoure	Lamoure	1,307	3								0.78		0.70	0.0	2					E. O. Ellison.
McHenry	Eddy	1,509	1	68.8		95	14	42	29	40	1.30		0.59	0.0	5	16	13	2	w.	John Knox.
Manfred	Wells	1,605	8	68.6		100	14	44	30	45	2.09		0.78	0.0	5	18	12	1	nw.	P. B. Anderson.
Marmarth	Bowman		2								0.77		0.51	0.0	5	21	9	1	se.	S. P. Grane.
Marstonmoor	Stutsman		2	71.2		100[d]	15	33[d]	12	55[d]	3.01		2.56	0.0	4	18	13	0	ne.	H. H. McCumber.
Medora	Billings	2,225	13	73.1	+ 2.8	114	15	40	9†	56	1.14	− 0.88	0.62	0.0	4	19	7	5	e.	J. W. Hesser.
Melville	Foster	1,590	12	71.3[d]	+ 4.4	110[d]	15	45[d]	9†	47[d]	2.57	− 0.29	1.50	0.0	5				nw.	J. P. Kidder.
Mott	Hettinger		3	69.8		107	15	36	11	51	2.10		1.49	0.0	6	18	8	5	nw.	O. H. Opland.

TABLE 1.—*Climatological data for July, 1910. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.	Number of rainy days, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
North Dakota—Cont'd.																				
Napoleon	Logan	1,955	18	70.0	+ 1.6	108	15	37	12	52	0.99	− 1.53	0.54	0.0	6	21	5	5	se.	C. J. Hoof.
New England	Hettinger	2,400	14	70.0	+ 1.6	108	14	38	12	64	T.	− 1.75	T.	0.0	0	.....	.....	.....	s.	W. C. McKenzie.
New Salem	Morton	2,163	3	72.3	.....	106	15	45	28	45	1.07	.....	0.42	0.0	6	19	11	1	se.	J. Christianson.
Orange	Adams	.....	3	71.6	.....	108	15	34	12	48	0.18	.....	0.09	0.0	3	22	9	0	nw.	J. E. Goforth.
Palermo	Ward	2,200	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T. A. McCann.
Schafer	McKenzie	.....	1	71.6	.....	102	14	45	10	41	1.90	.....	1.17	0.0	6	22	6	3	w.	F. L. Clark.
Steele	Kidder	1,857	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. C. Smith.
Washburn	McLean	1,731	6	72.0	.....	109	15	47	12†	46	3.22	.....	1.94	0.0	6	13	18	0	w.	W. R. Peterson.
Williston	Williams	1,875	30	69.5	+ 0.1	102	14	45	12	42	1.09	− 0.94	0.38	0.0	8	13	11	7	.....	U. S. Weather Bureau.
Wishek	McIntosh	2,010	5	71.2[a]	.....	110[j]	15	42	9	47[j]	0.56	.....	0.30	0.0	4	18	13	0	nw.	H. E. Timm.
South Dakota.																				
Aberdeen	Brown	1,300	20	71.9	+ 0.8	102	16	45	10	51	1.07	− 2.06	0.45	0.0	6	23	2	6	se.	D. G. Gallett.
Academy	Charles Mix	.....	11	75.2	+ 1.5	103	16	51	12	43	2.88	− 0.52	1.50	0.0	8	19	12	0	se.	I. T. Lothrop.
Alexandria	Hanson	1,352	21	73.3	+ 0.6	97	16	47	12	41	3.12	− 0.17	1.20	0.0	5	21	9	1	se.	W. S. Hill.
Ardmore	Fall River	3,557	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Chi., Burl. & Quincy R. R.
Armour	Douglas	1,521	15	74.5	+ 1.4	103	16	50	29	46	3.75	+ 0.41	2.00	0.0	6	.....	.....	.....	.....	T. J. Markey.
Belle Fourche	Butte	3,000	2	71.2	.....	107	14	43	10†	57	1.01	.....	0.43	0.0	5	15	12	4	w.	U. S. Reclamation Service.
Brookings	Brookings	1,636	21	71.3	+ 1.9	94	5	40	3	45	1.68	− 0.74	0.69	0.0	5	18	8	5	sw.	Experiment Station.
Camp Crook	Harding	3,000	18	.....	.....	.....	.....	.....	.....	.....	0.52	− 1.30	0.22	0.0	4	29	1	1	.....	U. S. Forest Service.
Canton	Lincoln	1,248	15	72.9	+ 1.1	95	1†	44	12	39	3.09	− 0.89	1.61	0.0	8	23	8	0	se.	John H. Holsey.
Cascade Springs	Fall River	3,422	2	73.0	.....	100	18	44	6	48	3.14	.....	0.95	0.0	8	21	6	4	ne.	Fred Noerenberg.
Castlewood	Hamlin	1,685	4	69.4	.....	95	16	42	12	40	1.62	.....	0.53	0.0	8	11	14	6	sw.	M. N. Bradley.
Centerville	Turner	1,229	13	72.7	.....	96	16	49	10†	37	3.50	− 1.26	1.67	0.0	10	15	14	2	nw.	Frank Williams.
Chamberlain	Brule	1,363	13	75.6	+ 1.0	99	16	52	10	36	3.20	+ 0.63	1.40	0.0	6	19	12	0	se.	G. A. Fry.
Clark	Clark	1,779	16	70.5	+ 0.8	96	16	46	30†	48	1.73	− 1.04	0.56	0.0	7	21	9	1	s.	O. H. LaCraft.
Cottonwood	Stanley	2,414	2	75.2	.....	116	14	43	26	62	1.11	.....	0.50	0.0	6	24	4	3	se.	Experiment Station.
Crow Creek	Buffalo	1,385	.....	.....	.....	.....	.....	.....	.....	.....	2.42	.....	0.91	0.0	8	25	5	1	se.	William Fuller.
Davison	Perkins	.....	1	71.8	.....	108	15	32	12	53	0.15	.....	0.09	0.0	3	17	13	1	se.	G. G. Davis.
Deadwood	Lawrence	4,535	1	68.6	.....	100	15	39	10†	47	1.40	.....	0.50	0.0	5	12	19	0	.....	R. E. Grimshaw.
Deerfield	Pennington	6,000	1	.....	.....	.....	.....	.....	.....	.....	2.51	.....	0.75	0.0	11	19	9	3	w.	Frank E. Miller.
De Smet	Kingsbury	1,726	17	71.8[c]	+ 1.6	102[c]	16	45[c]	12	40[c]	1.07	− 1.47	0.45	0.0	5	27	3	1	nw.	J. O. Purintun.
Dowling	Stanley	2,250	1	76.2	.....	105	15	44	12	42	1.05	.....	0.45	0.0	5	15	16	0	se.	M. P. Dowling.
Dumont	Lawrence	6,195	1	.....	.....	.....	.....	.....	.....	.....	2.70	.....	0.81	0.0	7	13	14	4	sw.	A. B. Wood.
Elk Mountain	Custer	4,700	1	.....	.....	.....	.....	.....	.....	.....	3.61	.....	1.23	0.0	10	15	10	6	nw.	James E. Blaine.
Elk Point	Union	1,127	11	74.6	+ 0.4	98	21	52	12†	38	2.15	− 1.15	1.10	0.0	5	.....	.....	.....	se.	M. Hoffman, jr.
Englewood	Lawrence	5,723	1	.....	.....	.....	.....	.....	.....	.....	0.87	.....	0.35	0.0	6	16	13	2	s.	T. J. Cummins.
Eureka	McPherson	1,884	1	73.6	.....	108	15	42	12	44	0.53	.....	0.19	0.0	7	9	22	0	nw.	Experiment Station.
Faulkton	Faulk	1,595	15	73.1	+ 2.7	101	15	45	12	39	0.64	− 2.17	0.14	0.0	7	25	2	4	se.	Miss Belle Talcott.
Flandreau	Moody	1,565	20	71.6[e]	+ 2.1	96[e]	5	41[e]	11	45[e]	1.80	− 1.16	0.60	0.0	8	22	7	2	s.	W. A. Harris.
Forestburg	Sanborn	1,231	18	73.7[a]	+ 2.2	100[a]	16	46	12	44[a]	3.87	+ 1.15	2.27	0.0	8	21	9	1	se.	S. S. Judy.
Fort Meade	Meade	3,624	28	75.0	+ 3.2	104	15	46	12†	49	1.62	− 0.67	0.95	0.0	5	11	18	2	s.	Post Hospital.
Frederick	Brown	1,371	3	71.1[b]	.....	102[b]	15	44[b]	11†	54[b]	0.79	.....	0.34	0.0	4	26	4	1	se.	J. E. Jeffers.
Gannvalley	Buffalo	.....	12	75.2	+ 1.8	105	16	47	12	43	2.83	− 0.85	0.76	0.0	11	15	15	1	sw.	V. P. Drips.
Greenmont	Lawrence	6,430	1	.....	.....	.....	.....	.....	.....	.....	1.97	.....	0.70	0.0	7	20	9	2	s.	H. C. Hoffbuhr.
Greenwood	Charles Mix	.....	16	76.0	+ 1.4	103	5†	52	10	39	3.72	+ 0.15	1.68	0.0	7	21	10	0	se.	T. C. Williamson.
Hardy Ranger Station	Lawrence	6,600	1	.....	.....	.....	.....	.....	.....	.....	2.03	.....	0.86	0.0	8	22	0	9	sw.	Mrs. Mary E. Seals.
Harvey's Ranch	do	6,282	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0	.....	17	11	3	w.	Jerome Harvey.
Hermosa	Custer	3,278	4	75.3	.....	105	15	44	11	41	3.42	.....	1.20	0.0	8	22	8	1	.....	S. M. Booth.
Highmore	Hyde	1,890	14	74.4	+ 1.4	101	16	42	12	45	0.85	− 1.78	0.32	0.0	8	18	8	5	se.	Experiment Station.
Hill City	Pennington	5,067	1	.....	.....	.....	.....	.....	.....	.....	3.82	.....	1.62	0.0	12	18	8	5	e.	Geo. A. Karr.
Hopewell	Stanley	.....	.....	76.3	.....	107	15	47	12	44	1.30	.....	0.78	0.0	3	16	13	2	nw.	E. R. Myers.
Howard	Miner	1,564	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. J. Cox.
Howell	Hand	.....	8	72.3	.....	104	16	42	12	50	1.61	.....	0.61	0.0	8	18	11	2	se.	M. A. Shuster, jr.
Huron	Beadle	1,306	28	72.0	+ 0.5	100	16	46	12	38	0.48	− 2.46	0.15	0.0	9	18	8	5	s.	U. S. Weather Bureau.
Ipswich	Edmunds	1,530	13	73.0	+ 2.5	101	15	45	12	43	1.20	− 1.21	0.49	0.0	4	28	2	1	nw.	J. B. Taylor.
Kadoka	Stanley	2,467	1	76.2	.....	103	15	46	12	41	1.22	.....	0.53	0.0	7	11	16	4	s.	Rev. D. S. Brown.
Kennebec	Lyman	1,689	17	76.0[d]	+ 3.3	104[d]	16	45[e]	12	45[f]	1.42	− 0.67	0.59	0.0	7	22	8	1	se.	R. C. Van Horn.
Kidder	Marshall	1,295	6	70.0	.....	98	31	42	11	48	1.83	.....	1.58	0.0	2	23	2	6	sw.	H. C. Schussler.
Kimball	Brule	1,788	21	74.0	+ 1.2	98	14	48	12	41	4.52	+ 1.82	2.38	0.0	6	27	4	0	se.	G. D. Rose.
La Delle	Spink	1,400	13	73.3	+ 1.8	99	16	42	12	38	3.12	− 0.48	1.52	0.0	6	22	8	1	se.	E. L. Ebbert.
Lead§	Lawrence	5,200	1	71.0	.....	95	15	42	12	40	1.52	.....	0.46	0.0	7	8	23	0	se.	E. F. Irwin.
Lemmon	Perkins	2,345	1	73.0	.....	106	14†	45	10	46	0.15	.....	0.08	0.0	3	26	5	0	nw.	W. E. Lyman.
Marion	Turner	1,447	9	73.4	.....	97	17	46	12	43	2.89	.....	0.92	0.0	6	15	16	0	se.	M. H. Dains.
Marston	Sully	.....	2	72.4	.....	103	15	41	12	51	2.02	.....	1.10	0.0	5	16	15	0	se.	John S. Walker.
Mellette	Spink	1,300	15	72.6	+ 1.1	101	16	44	10†	43	0.73	− 2.13	0.16	0.0	8	28	3	0	s.	Frank A. Howe.
Menno	Hutchinson	1,325	13	73.6	+ 1.1	99	16	47	12	37	1.68	− 2.12	0.53	0.0	9	16	10	5	se.	J. H. Swanton.
Milbank	Grant	1,148	19	70.4	+ 0.4	98	16	45	12	42	1.91	− 0.74	0.84	0.0	7	19	4	8	nw.	I. T. Patridge.
Mitchell	Davison	1,312	16	72.9	+ 1.3	100	16	44	12	38	2.04	− 1.28	0.60	0.0	8	20	4	7	s.	C. W. Downey.
Murdo	Lyman	2,300	2	76.7	.....	104	15	49	12	44	0.65	.....	0.30	0.0	4	20	10	1	se.	L. C. Bode.
Oelrichs	Fall River	3,339	18	74.2	+ 2.2	103	16†	43	13	55	3.10	+ 0.88	0.75	0.0	9	14	16	1	nw.	J. E. Strouse.
Orman	Butte	2,920	4	75.6[b]	.....	105[c]	14	44[e]	12	49[e]	0.88	.....	0.41	0.0	6	21	2	8	e.	U. S. Reclamation Service.
Ottumwa	Stanley	.....	2	75.4	.....	105[a]	15	39[a]	11	47[a]	0.57	.....	0.55	0.0	2	25	6	0	se.	J. W. Bretz.
Pierre	Hughes	1,572	18	76.6	+ 1.4	102	15	50	12	37	1.88	− 0.47	0.86	0.0	12	14	16	1	e.	U. S. Weather Bureau.
Plankinton§	Aurora	1,528	16	.....	.....	.....	.....	.....	.....	.....	1.89	− 0.96	0.43	0.0	9	15	15	1	se.	W. G. Andrews.
Pollock	Campbell	.....	4	72.8	.....	111	15	37	12	59	0.26	.....	0.23	0.0	2	16	12	3	nw.	J. H. Jones.
Rapid City	Pennington	3,251	22	73.4	+ 3.2	101	15	46	12	37	5.76	+ 3.21	2.77	0.0	11	11	11	9	w.	U. S. Weather Bureau.
Redfield	Spink	1,295	12	69.1	− 1.3	100	16	42	12†	48	1.81	− 1.15	0.75	0.0	5	25	0	6	se.	A. S. Hall.
Rochford	Pennington	5,228	.....	.....	.....	.....	.....	.....	.....	.....	3.50	.....	0.92	0.0	7	18	11	2	nw.	Mrs. M. E. Deffenbaugh.
Rosebud	Meyer	2,600	16	72.1[b]	− 1.6	98[a]	16†	41[b]	12	46[c]	2.32	− 0.40	1.15	0.0	6	14	17	0	nw.	W. M. Ege.
Roslyn	Day	.....	4	69.5	.....	93	16†	46	12	40	1.37	.....	0.57	0.0	5	24	6	1	sw.	O. O. Floren.
Savoy	Lawrence	4,500	1	.....	.....	.....	.....	.....	.....	.....	1.28	.....	0.50	0.0	8	9	21	1	.....	M. J. Hall.
Selby	Walworth	.....	2	.....	.....	103[n]	15	42[q]	12	48[q]	0.80	.....	0.25	0.0	4	.....	.....	.....	.....	Miss Gertrude Hall.
Sioux Falls	Minnehaha	1,400	19	74.8	+ 3.2	95	16	52	12	37	3.15	− 0.05	1.20	0.0	5	9	19	3	s.	J. H. Bechtold.
Spearfish	Lawrence	3,647	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	O. A. Martin.
Stephan	Hyde	1,840	6	72.8	.....	100	15†	46	12	50	2.14	.....	0.66	0.0	9	16	14	1	se.	Rev. A. Mattingly.
Tama	Meade	.....	1	79.4	.....	108	15	41[d]	10	46[d]	0.70	.....	0.31	0.0	5	15	5	11	nw.	J. J. Daly.
Vale	Butte	2,765	2	74.4	.....	107	15	42	10	52	1.57	.....	1.03	0.0	4	24	7	0	e.	U. S. Reclamation Service.
Vermilion	Clay	1,222	9	74.9	.....	96	16	50	12	34	3.26	.....	1.48	0.0	10	29	1	1	s.	Prof. E. C. Perisho.
Waters' Ranch	Lawrence	4,000	.....	.....	.....	.....	.....	.....	.....	.....	0.73	.....	0.32	0.0	7	14	12	5	nw.	George Waters.
Watertown	Codington	1,735	16	71.8	+ 4.8	98	16	46	12	41	3.16	− 0.04	0.97	0.0	5	25	3	3	s.	Robert Q. Wood.
Wentworth	Lake	.....	17	71.4	+ 1.0	96	16	47	12	35	2.47	− 0.43	0.60	0.0	7	29	1	1	sw.	R. C. Zimmerman.
White Lake	Aurora	1,646	1	.....	.....	.....	.....	.....	.....	.....	2.18	.....	0.81	0.0	9	15	14	2	se.	Mrs. G. A. Rogers.
Winner	Tripp	2,500	.....	76.9	.....	106	16	42	12	50	1.31	.....	0.38	0.0	5	19	12	0	nw.	A. L. Rawson.
Yankton	Yankton	1,234	36	74.0	− 0.6	98	16	51	12	32	3.87	+ 0.35	1.78	0.0	13	7	23	1	se.	U. S. Weather Bureau.
Minnesota.																				
Pipestone	Pipestone	1,710	11	70.4	+ 1.3	91	1†	43	12	39	2.57	− 0.77	0.67	0.0	7	14	15	2	sw.	W. S. Campbell.

TABLE 1.—*Climatological data for July, 1910. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Colorado.																				
Akron	Washington	4,650	8								1.47		0.61	0.0	6					Ira M. Barnhouse.
Alma	Park	10,238	13								0.61	− 2.00	0.19	0.0	4	19	0	12	n.	F. H. Clark.
Arriba (near)	Lincoln	5,238	4			99	21				2.57		0.93	0.0	9	15	13	3	se.	C. A. Creel.
Auldhurst	Teller	8,500									3.74		1.20	0.0	13	4	21	6	s.	Mrs. Alice A. Auld.
Boreas	Park	11,489									3.44		1.20	0.0	8	3	16	12	se.	Frank Soper.
Boulder	Boulder	5,347	14																	O. H. Wangelin.
Burlington	Kit Carson	4,160	6	76.6		104	27	53	2	43	2.02		0.90	0.0	6	14	17	0	se.	W. P. Davis.
Cassells	Park	8,445												0.0	11	14	9	8	w.	Harriet M. Cassell.
Castle Rock	Douglas	6,220	18	70.2	+ 2.5	97	15	43	1†	50	3.86	+ 1.26	2.30	0.0	9					Geo. Tunnicliff.
Cheesman	Jefferson	6,890	7																	J. G. Thornburg.
Cheyenne Wells	Cheyenne	4,279	18	75.7	+ 2.2	101	27	43	18	51	2.76	− 0.35	1.55	0.0	5	22	7	2	sw.	J. W. Adams.
Cope	Washington		12	76.0	+ 3.4	103	27	50	4	46	2.16	− 1.30	0.94	0.0	6	16	12	3	s.	A. A. Williams.
Corona	Grand	11,660	3	50.3		65	24†	30	9	25	1.10		0.70	0.0	2				w.	U. S. Weather Bureau.
Denver	Denver	5,272	38	74.5	+ 2.7	101	23	51	9	39	3.47	+ 1.85	2.44	0.0	6	13	15	3	s.	Do.
Edgewater	Jefferson	5,450	2	72.0		99	26	48	1	46	2.20		1.36	0.0	4	23	7	1		Dr. N. P. Levin.
Estes Park Fish Hatchery	Larimer	8,000									2.87		0.76	0.0	10	6	23	2	w.	Gaylord H. Thomson.
Fort Collins	do	4,985	31	70.8	+ 2.3	100	26	47	6†	47	0.87	− 1.06	0.78	0.0	4	13	17	1	nw.	Colorado Agri. College.
Fort Morgan	Morgan	4,319	12	75.6	+ 2.6	106	26	48	8	52	1.17	− 0.91	0.62	0.0	4	13	17	1	ne.	Della M. Scott.
Frances	Boulder	9,300	5	62.5		84	27	30	6†	36	4.13		1.32	0.0	12	6	22	3	w.	D. A. Barry.
Fry's Ranch	Larimer	7,500		62.3		89	24	34	10	46	1.28		0.56	0.0	12	11	17	3	w.	Norman W. Fry.
Georgetown	Clear Creek	8,550	9								2.75		0.81	0.0	14	5	20	6		H. L. Corbett.
Greeley	Weld	4,649	18	73.2[c]	+ 2.4	101[a]	26	48[c]	7	47[c]	0.24	− 1.76	0.12	0.0	3	15	14	2	se.	Nelson Reynolds.
Grover	do	5,076		71.6		99	26	47	6†	46				0.0		17	10	4	se.	Geo. M. Blake.
Hartsel	Park	7,670									3.37		1.25	0.0	14	14	13	4		Emily Kleinknecht.
Hawthorne	Boulder	6,000	2								1.58		0.51	0.0	7	26	3	2		B. E. Chesebro.
Holyoke (near)	Phillips	3,745	14								1.07	− 1.50	0.50	0.0	3	20	8	3	se.	A. C. Cauble.
Idaho Springs	Clear Creek	7,534	10	65.8	+ 3.1	90	26	44	5	36	4.30	+ 1.66	1.35	0.0	8	2	29	0	e.	J. J. Willis.
Keota	Weld	4,966									0.50		0.50	0.0	1	14	16	1	e.	G. J. Farrell.
Kossler	Boulder	7,720	3																	East Colo. Power Co.
La Porte	Larimer	5,053	19								0.87	− 0.99	0.25	0.0	6					P. A. Taft.
Le Roy (near)	Logan	4,380	20								1.53	− 0.57	0.64	0.0	5					Chas. Green.
Longmont	Boulder	4,980	8																	Great Western Sugar Co.
Long's Peak (near)	Larimer	8,600	15	54.6	+ 0.3	82	26	29	24	49	4.09	+ 1.32	1.20	0.0	10	12	10	9	nw.	Enos A. Mills.
Moraine	do	7,775	20	61.6	+ 2.3	86	25	32	1†	44				0.0		10	20	1	w.	J. D. Stead.
Platte Canon	Jefferson	5,492	11								2.62	+ 0.73	2.13	0.0	6	18	10	3	sw.	Denver Union Water Co.
St. Cloud	Larimer	7,750	7								1.25		0.62	0.0	7	15	15	1	e.	Miss Guilla Sivers.
Sedgwick	Sedgwick	3,573	2	75.4		103	25†	47	4	50	1.78		0.60	0.0	6	21	10	0	ne.	Dr. Edwin Lewis.
Sill Mine	Clear Creek	11,500	1	52.6		72	21	36	4	27	3.97		0.88	0.0	8	21	4	6	sw.	Chas. F. Deininger.
Silver Lake	Boulder																			Clair V. Mann.
Spicer (near)	Larimer	8,700									1.69		0.53	0.0	7	15	6	10	sw.	Frank W. Murphy.
Sterling	Logan	3,892		70.5		100	26	35	6	51	0.89		0.62	0.0	3	11	19	1	nw.	Great Western Sugar Co.
Waterdale	Larimer	5,206	7	72.1		102	26	46	6	45	1.34		1.05	0.0	4					P. H. Boothroyd.
Westlake	Boulder		2								0.96		0.60	0.0	3	22	0	9	w.	C. R. Keeney.
Wray	Yuma	3,512	14	78.2	+ 4.4	104	25	54	2†	45	1.17	− 1.35	0.66	0.0	6	20	10	1	e.	J. C. Tuomey.
Yuma	do	4,138	19																	Jean Deaken.
Nebraska.																				
Ainsworth	Brown	2,521	5	76.2		102	27	49	12	33	1.52		0.39	0.0	6				sw.	John M. Cotton.
Albion	Boone	1,747	12	73.2[k]	+ 0.8	103[k]	26	47[k]	10	45[k]	2.21	− 1.06	1.10	0.0	6				s.	F. M. Weitzel.
Alliance	Boxbutte	3,968	15	72.0	+ 0.2	100	26	40	10	46	2.00	− 0.53	1.00	0.0	3	21	9	1	se.	J. A. Keegan.
Alma	Harlan	1,939	13	77.2	+ 1.7	103	27†	49	10	40	1.72	− 1.58	0.85	0.0	5	20	9	2	s.	W. A. Sharpnack
Anoka	Boyd		4	74.4		104	16	44	12	48	3.02		0.87	0.0	9	23	6	2	s.	W. Whitla.
Arcadia	Valley	2,186	11								2.10	− 3.02	1.25	0.0	5	14	14	3	se.	Jas. L. Owen.
Ashland	Saunders	1,100	27	77.8	+ 1.5	108	27	53	13	40	0.67	− 4.19	0.32	0.0	5	20	9	2	se.	Dr. A. S. von Mansfelder.
Ashton	Sherman	2,061	17								2.29	− 1.83	0.94	0.0	5	23	6	2	s.	F. Rein.
Atkinson	Holt	2,108	4	73.8		104	27	46	12	37	4.62		2.70	0.0	6	19	10	2	s.	Chas. J. Wilson.
Auburn	Nemaha	1,051	18	76.2	+ 0.5	107	27	52	8†	40	1.42	− 3.41	0.70	0.0	7	22	6	3	s.	J. R. Huffman.
Aurora	Hamilton	1,792	15	77.4	+ 1.2	106	25	43	13	38	1.00	− 2.76	0.90	0.0	2	26	5	0	s.	Chi., Burl. & Quincy R. R.
Beatrice	Gage	1,235	19	77.3	+ 1.1	103	27†	51	10	39	1.69	− 2.70	0.76	0.0	5	24	4	3	se.	Wm. S. Waxham.
Beaver City	Furnas	2,147	19	79.0	+ 2.9	108	27	50[a]	10	43[a]	1.53	− 2.23	0.68	0.0	3	22	8	1	se.	T. M. Davis.
Bellevue	Sarpy	1,210	28	77.0		106	27	54	11	35	1.03	− 3.35	0.29	0.0	7	19	7	5	se.	Prof. A. A. Tyler.
Benkelman	Dundy	2,968	13								0.52	− 1.98	0.36	0.0	5				sw.	R. D. Druliner.
Bertrand	Phelps	2,515	2								2.28		1.08	0.0	6					W. F. Dobbin.
Blair	Washington	1,122	15	75.2	+ 1.3	102	27	51	13	40	1.37	− 3.12	0.47	0.0	8	16	14	1	s.	H. H. Hahn.
Bloomfield	Knox		4	73.7		98	27†	49	10	37	2.83		1.00	0.0	8	9	22	0	s.	Dr. L. C. Bleick.
Bradshaw	York	1,715	11								1.50	− 3.50	1.00	0.0	2	28	2	1		E. C. Roggy.
Bridgeport	Morrill	3,658	14	71.9	+ 0.3	104[a]	26	40[a]	10	53[a]	1.10	− 1.18	0.70	0.0	3	24	6	1	se.	R. H. Willis.
Brokenbow	Custer	2,477	15	74.0	+ 0.7	107	25	45	10	55	2.40	− 1.90	1.48	0.0	7	15	6	10		Chi., Burl. & Quincy R. R.
Burge	Cherry	2,674	4	74.2		100	16	43	12	46	4.03		3.00	0.0	3				se.	H. A. Davis.
Cairo	Hall	1,951	1								1.61		0.85	0.0	4					Elliott Harrison.
Callaway	Custer	2,555	17	75.7	+ 2.6	108	27	45	11	50	1.59	− 1.35	0.76	0.0	4	19	9	3	s.	J. H. Evans.
Cambridge	Furnas	2,258	3	78.1		109	27	57	10†	48	2.06		0.95	0.0	6	20	8	3	ne.	Chas. Jensen.
Canton (near)	Sioux		1	72.4[m]		101[m]	26	44[m]	10†	50[m]	1.32		0.72	0.0	4					A. E. Hann.
Columbus	Platte	1,442	17	74.9	+ 1.5	106	27	51	13	39	1.70	− 2.28	1.20	0.0	4	20	3	8	nw.	C. C. Gray.
Cozad	Dawson	2,496	2								1.93		0.63	0.0	5				s.	A. A. Luttin.
Creighton	Knox	1,600	13																	W. L. Kirk.
Crete	Saline	1,368	27	76.6	+ 1.3	104	27†	53	10	36	0.82	− 3.53	0.43	0.0	4	16	11	4	s.	Doane College.
Culbertson	Hitchcock	2,565	23								0.24	− 2.68	0.10	0.0	5	13	9	9	ne.	J. H. Corrick.
Curtis	Frontier	2,553	13	77.0	+ 1.5	106	27	45[a]	10	47[a]	1.14	− 1.90	0.55	0.0	5	19	8	4	se.	Dr. S. R. Razee.
David City	Butler	1,619	21	75.6	+ 2.4	100	27	54	10†	32	1.62	− 2.61	0.65	0.0	6	15	14	2	se.	S. Clingman.
Dawson	Richardson	945	17	77.7[b]	+ 0.7	107[b]	27	49[b]	14	45[b]	1.07	− 4.18	0.35	0.0	5	21	8	2	ne.	Mrs. E. I. Atkinson.
Dubois	Pawnee	1,074	5								1.70		0.57	0.0	8	20	10	1	se.	O. M. Backus.
Ellis	Gage	1,430	5								1.10		0.83	0.0	3					D. J. Wood.
Elmcreek	Buffalo	2,268	2								4.17		2.00	0.0	6					E. L. Sutton.
Eisle	Perkins	3,382	2								0.41		0.17	0.0	5					J. F. Brittain.
Enderslake	Brown		1																	G. W. Chappell.
Ewing	Holt	1,888	18	74.4		108	27	46	12	42	2.07	− 1.34	0.90	0.0	6					G. H. Benson.
Fairbury	Jefferson	1,316	35	78.6	+ 2.0	107	27†	53	10†	37	0.72	− 4.10	0.32	0.0	4	18	13	0	ne.	W. F. Cramb.
Fairmont	Fillmore	1,641	17	75.0	+ 0.4	104	27†	50	10	38	0.85	− 3.41	0.43	0.0	4	16	8	7	s.	Chi., Burl. & Quincy R. R.
Fort Robinson	Dawes	3,764	26	71.2	+ 0.1	103	26	39	10	55	3.19	+ 1.10	1.71	0.0	9	22	5	4	w.	Post Hospital.
Franklin	Franklin	1,820	19																	Jesse H. Naden.
Fremont	Dodge	1,203	30	76.2	+ 1.4	108	27	50	13	43	1.07	− 3.29	0.50	0.0	5	18	11	2	se.	Ernest Hahn.
Fullerton	Nance	1,629	8	75.5		107	25	52	12†	47	1.84		1.84	0.0	1	18	13	0	s.	Dr. F. W. Johnson.
Geneva	Fillmore	1,633	20	76.6	+ 1.0	105	27†	54	13†	40	1.02	− 2.98	0.37	0.0	5	22	7	2	se.	F. M. Flory.
Genoa	Nance	1,584	35																	F. W. Parsons.
Gordon	Sheridan	3,550	8	71.3[b]		96[b]	16	40[b]	11†	54[b]	3.99		1.16	0.0	7				nw.	G. F. Williams.
Gosper			8								1.55		0.63	0.0	5	15	13	3	ne.	E. H. Stoll.
Gothenburg	Dawson	2,557	16	76.6	+ 2.3	109	25	45	10	47	1.83	− 1.06	0.70	0.0	6	21	6	4	se.	Dr. W. J. Bartholomew.

TABLE 1.—*Climatological data for July, 1910. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.	Number of rainy days, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Nebraska—Cont'd.																				
Grand Island	Hall	1,860	19	75.6	+ 0.5	106	25	53	10	35	0.37	− 3.67	0.12	0.0	4	10	12	9	s.	E. A. Barnes.
Grant	Perkins	3,405	7	75.2[c]		108[a]	27	45[d]	10†	51[d]	0.40		0.25	0.0	2	20	11	0	se.	Cyrus Carver.
Greeley	Greeley	2,021	15	75.2		108	25	48	12	46	0.50	− 3.31	0.31	0.0	4	14	16	1	se.	W. E. Morgan.
Guidcrock	Webster	1,646	10								1.75	− 4.26	0.83	0.0	5	9	15	7		J. S. Marsh.
Haigler	Dundy	3,258	15								0.73	− 2.05	0.47	0.0	3	17	3	11		Chi., Burl. & Quincy R. R.
Halsey§	Thomas	2,695	8	74.3		102	27	46	12	50	1.63		0.70	0.0	6	25	5	1	e.	U. S. Forest Service.
Hartington	Cedar	1,309	19	74.2	+ 1.4	100	16	52	10†	40	2.60	− 0.76	1.10	0.0	7	6	13	12	nw.	D. E. Ewing.
Harvard	Clay	1,812	21	75.0	+ 0.7	105	27†	49	10	40	0.68	− 3.14	0.38	0.0	6	19	10	2	se.	Dr. J. T. Fleming.
Hastings	Adams	1,932	20	75.8	+ 0.6	105	25	53	10†	37	2.03	− 1.69	1.02	0.0	5	27	4	0	se.	Chi., Burl. & Quincy R. R.
Hayes Center	Hayes		17																	C. A. Ready.
Hay Springs	Sheridan	3,821	23	72.0	+ 1.6	99	15	40	12	47	2.43	− 0.25	0.72	0.0	5	18	12	1	se.	A. Kadlecek.
Hebron	Thayer	1,458	25	75.4	− 0.5	102	27†	53	10†	35	2.73	− 1.79	1.70	0.0	7					Dr. C. M. Easton.
Hemingford	Boxbutte	4,256	1								1.73		1.22	0.0	7					A. S. Enveart.
Hendley	Furnas	2,231	6								2.35		1.20	0.0	3					T. L. Jones.
Hillside	McPherson		1	72.0		104	25	40	10	49	2.52		1.61	0.0	7	26	4	1	se.	Mrs. M. R. Lloyd.
Holdrege	Phelps	2,324	18	77.3	+ 0.9	107	25	52	10†	46	3.00	− 0.30	1.44	0.0	6	21	3	7	se.	Chi., Burl. & Quincy R. R.
Hooper§	Dodge	1,228	13	76.0	+ 1.5	104	27	52	12	39	2.73	− 2.13	1.40	0.0	5	18	5	8	sw.	Dr. W. Howard Heine.
Imperial	Chase	3,278	20	76.8	+ 2.3	108	27	37	5	51	0.72	− 2.19	0.45	0.0	5	13	12	6	se.	Robt. Malcolm.
Kearney	Buffalo	2,146	20	76.3	+ 0.6	104	25	49	10	41	1.81	− 2.62	0.75	0.0	8	23	7	1	sw.	N. C. Dunlap.
Kimball	Kimball	4,697	21	72.7	+ 1.7	102	26	46	6	51	0.89	− 1.70	0.66	0.0	3	20	10	1	e.	F. J. Bellows.
Kirkwood	Rock		15	73.8	+ 1.1	101	27†	45	12	43	3.01	− 0.83	1.47	0.0	7	20	11	0	s.	Mrs. C. Arter.
Kowanda	Deuel		2								0.81		0.35	0.0	5					Geo. W. Hulse.
Lexington	Dawson	2,385	21	73.9	+ 1.5	104	27	45	12	44	3.12	− 0.26	1.19	0.0	7	27	0	4	se.	Robt. Chadwick.
Lincoln	Lancaster	1,189	31	76.8	+ 0.4	106	27	54	13	37	3.03	− 0.80	2.26	0.0	8	12	10	9	s.	U. S. Weather Bureau.
Lodgepole	Cheyenne	3,820	12	75.0	+ 5.0	103	25	47	10	45	1.12	− 1.43	0.51	0.0	4	18	13	0	e.	R. T. Kidney.
Loup	Sherman	2,067	16	76.4[j]	+ 2.9	105[j]	25	53[j]	8	45[j]	2.24	− 2.60	0.85	0.0	4				se.	E. S. Hayhurst.
Loyal	Custer		2								1.48		0.58	0.0	5				s.	C. H. Cass.
McCook	Redwillow	2,506	15	77.6	0.0	109	27	50[b]	10	50[b]	0.70	− 2.46	0.42	0.0	2	29	2	0	se.	C. G. Coglizer.
McCool Junction	York	1,575	12								0.68	− 3.89	0.38	0.0	3					L. L. Slagle.
Madison	Madison	1,585	17	74.2	+ 1.3	101	27	52	11†	34	3.64	+ 0.16	1.20	0.0	6	25	4	2	se.	Dr. F. A. Long.
Marquette	Hamilton	1,830	31								2.88	− 1.36	1.56	0.0	5					John Ellis.
Mason City	Custer	2,257	9								1.32		0.60	0.0	4					J. A. Amsberry.
Minatare	Scottsbluff	3,825	1																	Anthony Kennedy.
Minden	Kearney	2,169	33	75.5	+ 0.6	105	27	46	10	42	1.47	− 3.11	0.87	0.0	5	12	18	1	se.	Joel Hull.
Mitchell	Scottsbluff		3	72.6		104	26	45	6	48	1.43		0.50	0.0	4	21	10	0	se.	U. S. Reclamation Service.
Morrill	do		1																	Edwin K. Wieland, jr.
Nebraska City	Otoe	941	33	77.3	+ 1.4	105	27	51	7	40	0.95	− 2.76	0.45	0.0	3	21	8	2	s.	Chi., Burl. & Quincy R. R.
Norfolk	Madison	1,532	27	73.6	+ 0.2	97	27†	49	13	38	3.04	− 1.22	1.15	0.0	9	26	3	2	s.	Dr. P. H. Salter.
North Loup	Valley	1,961	22	75.8	+ 1.9	107	25	48	11	45	0.72	− 3.25	0.40	0.0	4	18	13	0	se.	W. G. Rood.
North Platte	Lincoln	2,841	36	74.6	+ 0.7	107	27	47	10	41	0.50	− 2.18	0.41	0.0	4	24	4	3	se.	U. S. Weather Bureau.
Oakdale	Antelope	1,722	23	73.4	+ 0.2	103	27	50	12	39	3.88	+ 0.23	1.04	0.0	8	16	12	3	s.	G. S. Clingman.
Odell	Gage	1,278	16								0.63	− 4.15	0.28	0.0	3	15	9	7		Chi., Burl. & Quincy R. R.
Omaha	Douglas	1,103	40	77.8	+ 1.3	104	27	59	10	30	1.90	− 2.43	0.76	0.0	8	15	12	4	s.	U. S. Weather Bureau.
Ord	Valley	2,062	16								1.11	− 2.60	0.37	0.0	7	19	10	2	s.	James Milford.
Orleans	Harlan	1,993	2								2.30		0.95	0.0	5					James McGeachin.
Osceola	Polk	1,644	12	76.6[g]		105[g]	25	50[g]	12†	46[g]	3.26	− 1.39	2.10	0.0	3				s.	G. T. Ray.
Palisade	Hitchcock		1								0.51		0.22	0.0	3					E. E. Young.
Palmyra**§	Otoe	1,142	15	77.2	+ 2.0	104	27	62	12†		1.50	− 2.92	1.28	0.0	4	24	6	1	s.	Thomas Coles.
Pawnee City	Pawnee	1,175		75.8		106	27	48	13	40	1.32	− 3.11	0.62	0.0	4	27	2	2	s.	Frank A. Barton.
Paxton	Keith		1								1.31		0.64	0.0	5					H. D. Lute.
Plymouth	Jefferson	1,419	6	77.1		105	25	51	10	38	1.32		1.05	0.0	3	10	17	4	se.	John Ruppel.
Purdum	Blaine		10	73.6		102	27	44	10	48	1.72	− 1.61	0.39	0.0	8	22	7	2	se.	T. C. Jackson.
Ravenna	Buffalo	2,028	33	75.6	+ 1.8	106	25	46	10	42	2.02	− 2.23	1.40	0.0	6	24	5	2	se.	H. G. Smith.
Redcloud	Webster	1,687	18	76.3	− 0.5	103	27†	48	10	43	2.18	− 2.47	0.70	0.0	5	26	3	2	s.	Chas. S. Ludlow.
St. Libory	Howard	1,887	15								1.00	− 3.73	0.52	0.0	3	16	12	3	se.	W. I. Meader.
St. Paul	do	1,796	16	77.2	+ 2.1	106	25	48	10	40	0.44	− 4.33	0.22	0.0	4	24	7	0	nw.	Paul Anderson.
Santee	Knox		22	76.0	+ 0.4	100	5	52	12	42	4.50	+ 0.85	1.90	0.0	9	12	18	1	se.	Nat H. Neff.
Sargent	Custer	2,339	13			105[d]	27				1.40	− 2.03	0.80	0.0	3					Jas. L. Ferguson.
Schuyler	Colfax	1,357	17	77.2		110	27	50	7†	41	0.91	− 2.91	0.43	0.0	6	18	11	2	s.	John T. Sumner.
Scottsbluff	Scottsbluff	3,888	4	73.6		103	26	43	10	52	1.15		0.64	0.0	8	25	6	0	se.	A. B. McCoskey.
Seward	Seward	1,435	20	76.4	− 0.3	104	26	47	30	39	2.65	− 1.95	1.60	0.0	4	25	6	0	s.	Chi., Burl. & Quincy R. R.
Sheridan	Wheeler		2								0.98		0.49	0.0	6	25	6	0	se.	J. C. Harris.
Sidney	Cheyenne	4,090	18								1.27	− 1.03	0.66	0.0	5	26	3	2	se.	John P. Fischer.
Springview	Keyapaha		17	74.9	+ 1.5	104	16	46	12	43	1.38	− 1.74	0.48	0.0	6	16	14	1	ne.	C. L. Phelps.
Stanton	Stanton	1,472	19	73.6	+ 0.7	98	27	50	7	37	3.45	− 0.64	1.40	0.0	5	19	12	0	ne.	Alfred Pont.
Stratton	Hitchcock	2,804	15								1.31	− 1.09	0.76	0.0	3					Miss Stella Vennum.
Superior	Nuckolls	1,574	25								1.40	− 3.28	0.75	0.0	1					F. V. Bishop.
Tablerock	Pawnee	1,023	22								1.55	− 3.04	0.63	0.0	7	22	9	0	se.	E. D. Howe.
Tecumseh	Johnson	1,113	32	77.6	+ 0.2	108	25	45	12	48	0.78	− 3.57	0.31	0.0	4	9	19	3	sw.	Chi., Burl. & Quincy R. R.
Tekamah	Burt	1,060	20	75.0	0.0	100	27	49	13	41	2.13	− 2.40	0.59	0.0	8	20	11	0	s.	Dr. A. D. Nesbit.
Tobias	Saline	1,597	1								0.52		0.25	0.0	4	8	19	4	s.	Frank Ainsworth.
Turlington	Otoe	1,214	18	77.2	+ 1.2	106	27	55	13	35	0.65	− 3.20	0.25	0.0	4	23	6	2	ne.	Wm. N. Hunter.
University Farm§	Lancaster		25	76.6		105	27†	51	7†	40	2.42	− 1.75	1.82	0.0	5	15	13	3		S. W. Perin.
Valentine	Cherry	2,613	22	73.4	+ 0.2	101	16	47	12	43	2.14	− 1.26	0.89	0.0	9	16	15	0	s.	U. S. Weather Bureau.
Wahoo	Saunders	1,187	8								0.69		0.33	0.0	5	22	9	0		W. T. Mauck.
Wakefield	Dixon	1,367	16	73.3	+ 0.5	98	21	49	10†	42	2.36	− 0.99	0.99	0.0	7	16	12	3	s.	I. H. Weaver.
Walthill	Thurston		8																	H. L. Keefe.
Watertown	Buffalo	2,299	5								1.40		0.90	0.0	4	20	11	0	se.	R. E. Swift.
Wauneta	Chase		11								0.77	− 2.09	0.35	0.0	4					C. D. Fuller.
Weepingwater	Cass	1,080	33	76.6		110	27	46	13	47	0.73	− 3.20	0.43	0.0	5	23	5	3	se.	S. W. Orton.
Wellfleet (near)	Lincoln		1																	Mrs. Eli Votaw.
Westpoint	Cuming	1,313	24	76.3	+ 1.8	99	27	52	13	41	3.88	− 0.12	1.20	0.0	5	25	5	1	ne.	J. C. Elliott
Wisner	do	1,380	14								2.91	− 1.41	1.47	0.0	5				se.	F. C. Evans.
Woodlawn	Lancaster		5								1.88		1.47	0.0	4	13	15	3	se.	H. C. Kendall.
York	York	1,606	21	76.2	− 0.4	106	27†	53	13	40	3.46	− 1.07	2.47	0.0	4	23	4	4	e.	A. T. Glauque.
Iowa.																				
Afton§	Union	1,212	16	74.9	− 0.3	94	16†	54	13	29	0.96	− 3.39	0.67	0.0	6	16	13	2	sw.	N. W. Rowell.
Allerton§	Wayne	1,513	8	74.9		97	24	54	13†	32	2.49		0.61	0.0	7	22	5	4	nw.	Mrs. Geo. Shriver.
Alton	Sioux	1,305	5	72.4		97	17	50	13	37	3.84		1.02	0.0	8	13	15	3	se.	W. S. Slagle.
Atlantic	Cass	1,164	19	75.4	+ 2.2	98	27	48	13	39	0.82	− 3.51	0.31	0.0	6	12	7	12	ne.	Thos. H. Whitney.
Audubon§	Audubon	1,301	16	72.8	+ 0.7	93	16	46	13	39	1.47	− 2.45	0.57	0.0	10	18	6	7	se.	Geo. E. Kellogg.
Bedford§	Taylor		10	76.2	+ 2.8	106	27	48	7†	42	1.35	− 3.99	0.96	0.0	4	18	10	3	ne.	E. E. Healy.
Centerville	Appanoose										2.74		1.83	0.0	4	25	3	3	e.	Gordon Peacock, jr.
Chariton§	Lucas	1,042	15	74.2	+ 0.4	99	24	50	12	36	1.59	− 3.87	0.70	0.0	4	27	0	4	se.	C. C. Burr.
Clarinda	Page	1,009	20	73.4	− 2.1	101	27	49	13	39	2.17	− 2.53	1.47	0.0	7	21	1	9	ne.	A. S. Van Sandt.
Corning§	Adams	1,117	18	74.2	+ 0.6	96	17†	47	13†	45	1.98	− 2.37	0.72	0.0	6	14	13	4	ne.	Jerome Smith.
Corydon§	Wayne	1,101	17	75.8	+ 1.0	99[a]	25	54[a]	13†	37[a]	1.89	− 2.29	0.85	0.0	6	16	10	5	se.	Clara Miller.

TABLE 1.—*Climatological data for July, 1910. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Iowa—Cont'd.																				
Council Bluffs	Pottawattamie																			B. W. Crossley.
Creston	Union	1,312	5	74.8		98	27	50	13	36	1.55		0.86	0.0	8	14	7	10	sw.	O. J. Colby.
Cumberland	Cass		10								2.50	− 2.94	1.32	0.0	6	25	3	3	sw.	J. H. Reppert.
Denison	Crawford	1,180	16	72.8	+ 0.1	94	1	45	13	41	1.92	− 2.14	0.74	0.0	9	23	6	2	s.	W. C. Van Ness.
Elliott	Montgomery		5	74.8		97	27	50	13	35	1.42		0.53	0.0	7	19	12	0	se.	Henry Barnes.
Greenfield	Adair		18	74.6	+ 0.7	96	16	52	10	36	1.30	− 3.40	0.32	0.0	7	20	10	1	sw.	R. B. Oldham.
Harlan§	Shelby	1,192	11	73.3	+ 0.1	95	16	47	13	41	1.25	− 4.06	0.42	0.0	8	12	12	7	s.	C. A. Reynolds.
Hopeville	Clarke		19	75.4	+ 1.3	98	24	54	13†	34	1.70	− 3.15	0.78	0.0	6	10	20	1	s.	M. T. Ashley.
Inwood§	Lyon	1,474	6	73.3		96	1	48	12	39	3.53		1.53	0.0	10	20	9	2	ne.	F. B. Hanson.
Lamoni	Decatur		3	76.1		97	26†	53	19	36	3.49		0.98	0.0	7	21	7	3	s.	T. J. Fitzpatrick.
Larrabee	Cherokee	1,266	20	71.0	− 1.8	92	16	50	13	32	3.47	− 0.90	1.30	0.0	6	17	13	1	sw.	H. B. Strever.
Le Mars§	Plymouth	1,224	14	71.4	− 1.0	89	21	52	12	31	5.18	+ 0.71	1.20	0.0	9	14	16	1	se.	G. A. C. Clarke.
Lenox§	Taylor	1,250	15	76.0	+ 2.2	97	27	54	7†	34	1.70	− 3.24	0.71	0.0	6	21	8	2	nw.	J. L. Hurley.
Leon	Decatur	1,120	8	77.8	+ 4.6	97	22	56	14	33	3.27	− 1.15	1.51	0.0	6	22	8	1	s.	Morris Gardner.
Little Sioux§	Harrison		5	75.2	+ 2.2	97	16†	50	7	42	1.62		0.54	0.0	8	19	9	3	sw.	Geo. H. Gibson.
Logan§	do	928	43	74.2	− 0.5	99	27	48	13	42	2.78	− 2.41	1.13	0.0	9	14	16	1	se.	Glenn H. Stern.
Massena§	Cass		4																	C. E. Smeltzer.
Mount Ayr§	Ringgold	1,236	17	76.8	+ 1.8	99	24†	56	10†	35	3.46	− 1.85	1.50	0.0	8	18	11	2	sw.	A. F. Beard.
Odebolt§	Sac	1,356	13	75.2	+ 0.7	98	26	51	13	38	1.72	− 2.92	0.60	0.0	7	17	13	1		E. Starner.
Onawa§	Monona	1,051	10	75.3	+ 0.3	93	21†	53	13	35	2.98	− 2.69	1.10	0.0	8	22	5	4	nw.	C. G. Perkins.
Pacific Junction§	Mills	960	11	74.6	+ 0.4	103	27	45	13	44	0.96	− 4.17	0.52	0.0	4	17	14	0	s.	H. H. McCartney.
Rock Rapids§	Lyon	1,358	11	60.8	+ 3.4	95	1	52	7	36	1.55	− 1.32		0.0	3					W. C. Wyckoff.
Sheldon§	O'Brien	1,422	10	73.0	+ 0.9	98	15	49	12†	41	3.37	− 1.77	1.60	0.0	7	21	6	4	s.	Dr. A. W. Beach.
Sibley	Osceola	1,212	17	69.8	− 0.4	91	16	49	12	32	3.10	− 0.87	0.82	0.0	10	16	15	0	ne.	H. G. Doolittle.
Sioux Center§	Sioux		11	71.8	+ 0.6	93	16	50	12	32	4.06	− 0.65	1.37	0.0	7	21	6	4	s.	J. de Ruyter.
Sioux City	Woodbury	1,135	21	74.0	− 0.2	94	16	53	12	31	3.69	+ 0.08	2.11	0.0	8	13	9	9	s.	U. S. Weather Bureau.
Thurman§	Fremont		13	75.8	+ 0.4	104	27	46	13	41	1.08	− 4.83	0.48	0.0	5	14	15	2	nw.	C. R. Paul.
Washta§	Cherokee	1,157	12	71.6	+ 1.0	95	16	44	13	41	2.27	− 2.18	0.60	0.0	7	19	10	2	s.	H. L. Felter.
Woodburn§	Clarke	961	11	73.1		99	16†	43	19	47	1.07	− 4.09	0.39	0.0	8	14	16	1	se.	C. B. McDonough.
Kansas.																				
Abilene	Dickinson	1,157	15								1.88	− 2.15	1.12	0.0	5	6	20	5	ne.	T. W. Sherman.
Agricultural College	Riley	1,100	52	78.1	− 0.6	105	26†	55	19	39	5.83	+ 1.08	2.05	0.0	9	17	12	2	sw.	Prof. J. O. Hamilton.
Alton	Osborne	1,651	8	78.8		108	25†	55	10	40	2.93	− 0.91	1.18	0.0	5	16	14	1	se.	H. A. Storer.
Atchison	Atchison	973	19	79.0	+ 2.0	106	26	55	13	36	1.85	− 3.10	0.70	0.0	6	18	11	2	s.	Prof. M. F. Troxell.
Baker	Brown	1,182	10	75.4		102	25†	52	13	35	1.65		0.65	0.0	5	8	2	21	s.	E. A. Bastien.
Beloit	Mitchell	1,383	15								1.82	− 1.84	0.90	0.0	4	15	8	8	se.	W. H. Houghton.
Blakeman	Rawlins	2,894	13	77.9		108	27	52	14†	49	1.03	− 2.38	0.45	0.0	5	24	5	2	se.	C. L. Henderson.
Blue Rapids	Marshall	1,105	4								2.65		2.11	0.0	5	21	2	8		M. Norton.
Centralia	Nemaha	1,256	1	74.7		101[a]	27†	48[a]	13†	40[a]	2.74		1.55	0.0	7	20[a]	10[a]	0[a]	se.	L. E. Hazen.
Chapman	Dickinson	1,113	6	80.0		107	26†	55	13	39	2.03		0.65	0.0	7	24	7	0	s.	Dr. R. McShea.
Clay Center	Clay	1,203	9	78.4		108	25	52	21	39	2.40		1.00	0.0	4	15	9	7	s.	O. L. Slade.
Colby	Thomas	3,138	19	78.4	+ 3.0	105	23†	55	2†	45	0.25	− 2.32	0.24	0.0	2	27	4	0	se.	R. M. Chelf.
Concordia	Cloud	1,398	26	79.0	+ 0.9	106	23	56	10	36	1.54	− 2.08	1.04	0.0	6	6	23	2	se.	U. S. Weather Bureau.
Densmore	Norton	2,200	1	78.6		108[a]	27	53[a]	10	44[a]	1.46		0.72	0.0	4	14	17	0	e.	F. S. Griffith.
Dresden	Decatur	2,731	16	78.8	+ 4.0	108	27	56	10	40	1.39	− 2.60	0.72	0.0	5	19	8	4	se.	Jacob Bock.
Ellsworth	Ellsworth	1,537	6	78.6		110	26	53	19	41	1.55		1.20	0.0	2	19	9	3	s.	Geo. Seitz.
Enterprise	Dickinson	1,144	8	78.6		106	28	56	13†	40	2.49	− 1.54	0.75	0.0	8	7	19	5	s.	H. O. Wagner.
Eskridge	Wabaunsee	1,412	4	78.6		104	26†	56	19	31	2.53		0.70	0.0	7	16	14	1	s.	Geo. D. West.
Farnsworth	Lane	2,850	9	78.9		105	23	52[a]	10	42[a]	1.05		0.62	0.0	5	29	2	0	s.	C. M. Jennison.
Ft. Scott	Bourbon	857	35	79.5	+ 1.8	104	29	55	19†	31	4.52	+ 0.18	1.07	0.0	8	25	0	6	se.	E. A. Shaver.
Frankfort	Marshall	1,146	16	77.6	− 0.6	106	25†	50	14	46	1.56	− 3.26	0.75	0.0	6	17	14	0	ne.	E. C. Dunham.
Garnett	Anderson	950	4	79.0		107	28	56	19	26	2.98		1.17	0.0	9	13	18	0	s.	D. D. Judy.
Goodland	Sherman	3,687	3											0.0						G. C. Calvert.
Gove	Gove	2,750	21	78.6	+ 1.6	107	26	60	9†		1.32	− 2.33	0.79	0.0	3	12	19	0	se.	Jesse Royer.
Hanover	Washington	1,225	13	78.6		105	25	54	10†	37	2.72	− 1.41	1.45	0.0	5	24	7	0	s.	August Jaedicke, jr.
Harrison	Jewell	1,804	9	76.8		105	25	48	10	44	2.10		1.16	0.0	5	22	6	3	se.	Mahlon Tegley.
Hays	Ellis	2,000	42	79.4	+ 2.6	107	23	54	10†	42	2.45	− 1.07	1.72	0.0	5	18	13	0	se.	G. K. Helder.
Hill City	Graham	2,134	2																	I. R. Mort.
Horton	Brown	1,188	21	77.2	+ 0.7	103	25	57	13	31	1.61	− 2.78	1.02	0.0	7	19	12	0	s.	Mrs. S. C. Belden.
Hoxie	Sheridan	2,700	12	80.0	+ 3.0	109[a]	27	58[a]	13	40[a]	1.10	− 2.03	0.65	0.0	3	20	9	1	se.	C. T. Dallam.
Jewell	Jewell	1,540	5	80.4		108	27	44	4	52	1.95		1.07	0.0	3	23	6	2	s.	C. A. Shinn.
Lawrence	Douglas	997	42	78.5	+ 1.1	104	26	59	13†	30	3.61	− 1.16	1.32	0.0	9	10	19	2	sw.	Prof. H. P. Cady.
Lebanon	Smith	1,812	12	79.6		106	25†	54	11	38	1.91	− 2.42	0.90	0.0	5	24	6	1	n.	Earl V. Bower.
Lindsborg	McPherson	1,333	4								1.30		0.79	0.0	3	28	2	1	s.	N. S. Weddle.
Mankato	Jewell	1,784	1	77.3		106	25	54	10	38	1.87		0.88	0.0	6	17	10	4	se.	R. M. Cauthorn.
Minneapolis	Ottawa	1,259	20	78.6	− 0.3	105[b]	23†	56[b]	19	35[b]	2.15	− 0.92	1.20	0.0	5	24	4	3	se.	J. L. Steele.
Moran	Allen	1,098	14	80.4	+ 2.6	104	26†	57	19	33	1.92	− 3.19	0.75	0.0	6	23	8	0	sw.	C. J. Norton.
Natoma	Osborne	1,834	1								0.21		0.14	0.0	3	27	4	0	se.	C. O. Hunt.
Norton	Norton	2,284	12	79.0	+ 4.5	107	25†	57	10	40	0.86	− 2.79	0.28	0.0	5	12	19	0	se.	Sim Sleffel.
Oberlin	Decatur	2,539	23								0.88	− 2.74	0.26	0.0	6	29	2	0	nw.	I. K. Huber.
Oketo§	Marshall	1,194	2	78.9		106	25	53	7†	39	0.92		0.38	0.0	5	7	23	1	se.	J. A. Church.
Olathe	Johnson	1,032	15	78.9	+ 1.9	105	28	57	13	35	2.63	− 2.85	0.69	0.0	5	20	9	2	sw.	Dr. S. B. S. Wilson.
Osage City	Osage	1,081	11	78.6		106[a]	26†	52[a]	19	35[b]	2.41	− 2.36	0.70	0.0	6	18	6	7	s.	W. C. White.
Ottawa	Franklin	926	16	79.1	+ 1.7	107	26†	57	1†	39	2.48	− 2.52	1.50	0.0	6	20	7	4	se.	Herbert F. McDougal.
Phillipsburg	Phillips	1,939	19	77.6[j]	+ 0.8	104[j]	5	53[j]	10†	41[j]	0.98	− 1.90	0.39	0.0	4	14[j]	7[j]	0[j]	se.	N. E. Bailey.
Pleasanton	Linn	862	8	77.6		99	26†	55	19	28	3.14		1.28	0.0	10	27	4	0	sw.	B. F. Blaker.
Russell	Russell	1,834	11	79.8	+ 2.0	110	23	54	10	45	1.59	− 1.42	0.88	0.0	3	18	11	2	se.	Robert Brebner.
Russell Springs	Logan			79.2		107	23†	53	10	50	1.44		0.55	0.0	5	18	11	2	se.	D. J. Hutto.
St. Francis	Cheyenne	3,288	2	79.1		109	27	54	2†	50	0.68		0.54	0.0	2	14	15	2	se.	J. E. Uplinger.
Salina	Saline	1,227	26	79.9	+ 0.3	111	26	57	13	49	1.12	− 2.63	0.50	0.0	4	24	7	0	s.	Prof. A. W. Jones.
Scott	Scott	2,971	4	78.8		103	26†	55	10	43	2.12		1.01	0.0	4	16	14	1	s.	J. P. Loughran.
Smith Center	Smith	1,800									1.54		1.18	0.0	3	24	4	3	sw.	W. H. Nelson.
Topeka	Shawnee	997	24	79.4	+ 1.8	105	26	59	19	31	2.80	− 2.05	1.74	0.0	8	18	13	0	s.	U. S. Weather Bureau.
Valley Falls	Jefferson	913	11	77.3	+ 1.5	103	28	55	13	32	2.10	− 2.45	0.84	0.0	6	22	8	1	se.	Miss Nettie Maxwell.
Vinland§	Douglas	880	1	77.9		103	26†	53	19	29	1.90		0.69	0.0	5	16	12	3	sw.	A. Schick.
Wakeeney	Trego	2,456	27	78.6	+ 1.5	107	23	55	10	39	1.79	− 1.68	0.64	0.0	8	24	7	0	s.	A. S. Peacock.
Wallace	Wallace	3,303	40	78.5		108	27	53	14	53	1.44	− 1.90	0.82	0.0	5	5	26	0	se.	M. T. Griggs.
Wamego§	Pottawatomie	1,002	17								5.25	+ 0.11	1.40	0.0	7	14	14	3	ne.	M. L. Stone.
Missouri.																				
Amoret	Bates	850	1	78.9		105	28	55	19	34	3.42		1.02	0.0	7	13	15	3	sw.	Darby Fruit Farm.
Appleton City	St. Clair	853	20	78.3	+ 0.6	100	25†	55	19	33	4.12	− 1.47	1.96	0.0	9	15	16	0	s.	T. C. Brown.
Arlington	Phelps	695	20								8.52		2.10		8					George V. Randolph.
Arthur	Vernon	767	18	78.0	+ 1.7	102	25†	53	20	32	2.59	− 1.96	1.63	0.0	6	14	17	0	sw.	J. T. Armstrong.
Avalon	Livingston		25	76.8	+ 0.1	100	24	55	13	30	4.73	+ 0.08	3.00	0.0	5	27	4	0	sw.	F. G. Ashbaugh.
Bagnell	Miller	594	15								4.88	− 0.16	1.20	0.0	10	15	8	8	w.	W. S. Brockman.
Bethany	Harrison	881	20	76.8	+ 1.9	102	21	53	14†	37	1.61	− 3.25	0.97	0.0	3	27	4	0	se.	W. H. Skinner.
Bolivar	Polk	1,070	22	76.5	+ 0.5	96	25†	49	19	34	4.97	+ 1.11	2.00	0.0	10	17	14	0	sw.	E. Waltz.

TABLE 1.—*Climatological data for July, 1910. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Missouri—Cont'd.																				
Boonville	Cooper	600	34								4.20	− 0.16	1.76	0.0	6	17	4	10	sw.	C. Randecker.
Brunswick§§	Charitan	652	32	78.0	+ 1.2	101	27	57	13†	32	6.15	+ 1.55	3.85	0.0	6	11	8	12	s.	Louis Benecke.
Clinton	Henry	800	24	78.6		101	27†	56	19	36	5.27	+ 0.71	1.83	0.0	8	26	5	0	e.	Dr. G. W. Menees.
Columbia	Boone	784	21	76.2	− 1.2	96	25	56	19	27	5.25	+ 1.60	2.40	0.0	8	19	8	4	s.	U. S. Weather Bureau.
Conception§	Nodaway	982	26	78.4	+ 3.0	105	27	55	13	32	0.20	− 4.19	0.16	0.0	2	9	17	5	nw.	Fr. Adhelm Hess.
El Dorado Springs	Cedar	750	5	78.4		102	28†	53	20†	37	2.96		1.31	0.0	5	17	7	5	s.	Samuel Graham.
Fairport	De Kalb	920	16								0.77	− 3.56	0.32	0.0	3	23	6	2	sw.	J. W. Lincoln.
Fayette§	Howard	725	27	76.6	− 0.6	95	27	58	19	25	6.58	+ 2.60	3.00	0.0	6	21	10	0		Prof. T. Berry Smith.
Fulton	Callaway	818	19								5.65	+ 0.93	2.21	0.0	6	13[a]	9[a]	2[a]		Dr. J. L. Brenneman.
Glasgow	Howard	618	33								4.67	+ 0.84	3.20	0.0	4	16	8	7	se.	J. J. Shaughnessy.
Grant City	Worth	1,130	18	78.0		109	27	55	13	36	0.56	− 4.89	0.33	0.0	2	23	6	2	se.	W. H. Campbell.
Harrisonville§§	Cass	912	38	79.0	+ 1.6	106	26†	56	20	33	1.75	− 2.34	0.68	0.0	6	16	4	11	ne.	A. J. Sharp.
Hazelhurst	Livingston		17								3.60	− 0.52	1.94	0.0	6					W. H. Baker.
Hermann	Gasconade	482	36								8.62	+ 4.66	1.42	0.0	13	10	6	15	s.	C. T. Maushund.
Houston	Texas	1,280	18	74.9	− 0.9	94	25†	50	20	30	8.63	+ 4.19	2.13	0.0	12	4	25	2	n.	E. Dempsey.
Huntsville	Randolph	790	8																	F. H. Hammitt.
Jefferson City§§	Cole	628	29	75.8	− 2.2	100	25	54	19†	33	7.00	+ 3.23	3.00	0.0	11	16	0	15	s.	Miss Emma Swift.
Kansas City	Jackson	963	21	79.0	+ 1.4	103	26	62	19	27	2.99	− 1.85	1.23	0.0	9	17	13	1	s.	U. S. Weather Bureau.
Kidder§§	Caldwell	1,017	20	77.2	+ 1.0	101	24†	55	19	29	1.60	− 2.98	0.57	0.0	5	23	6	2	ne.	J. F. Sharp.
Lamonte	Pettis	863	22	77.0		97	25	53	13	34	4.84	+ 0.15	2.06	0.0	9	18	13	0	ne.	J. R. Wade.
Lebanon	Laclede	1,265	22	77.0	+ 0.4	95	29	55	19	23	5.31	+ 0.66	1.30	0.0	7	19	10	2	s.	M. W. Serl.
Lexington§§	Lafayette	813	28	77.6	+ 1.2	100	27	55	13	32	4.29	− 0.93	3.15	0.0	5	19	0	12	s.	J. W. Keithley.
Liberty	Clay	864	22	78.5	+ 1.3	104	27	55	13	33	4.72	− 0.02	2.90	0.0	5	16	13	2	sw.	W. C. Wilmott.
Lockwood	Dade	1,088	16	77.7		101	29	55	19	27	5.27	− 0.26	1.22	0.0	7	21	7	3	ne.	C. S. Crow.
Marshall	Saline	779	20	77.2	+ 0.7	97	27	57	13	33	8.59	+ 4.26	5.10	0.0	7	25	5	0	sw.	Dr. W. H. Black.
Marshfield	Webster	1,492	2	76.3		97	29	52	20	30	6.01		1.50	0.0	10	10	8	11	sw.	Dr. O. P. Keller.
Maryville§§	Nodaway	1,160	20	76.8	+ 1.6	106	27	53	19	38	0.88	− 4.92	0.47	0.0	5	21	2	8	s.	J. R. Brink.
Mount Vernon	Lawrence	1,480	34																	O. L. White.
Nevada	Vernon	860	16								2.94	− 1.24	1.26	0.0	8	28	3	0	sw.	C. Jewell.
Oregon	Holt	1,113	55	76.8	+ 1.6	104	27	54	19	36	0.47	− 4.08	0.20	0.0	4	22	7	2	se.	Tom Curry.
Osceola	St. Clair	738	11								3.19	− 2.17	1.27	0.0	7	17	6	8	sw.	W. E. Matthews.
Pattonsburg	Daviess										1.89		0.90	0.0	5	15	7	9	nw.	Wm. Burton.
Rolla	Phelps	1,092	29	76.8		96	25	56	19	25	4.81	+ 0.65	2.78	0.0	11	18	6	7	sw.	Prof. P. J. Wilkins.
St. Charles	St. Charles	614	32	76.8	− 0.6	97	25	55	19	30	7.27	+ 3.73	2.03	0.0	12	15	6	10	s.	L. C. Saeger.
St. Joseph	Buchanan	825	39	79.1		103	28	57	19	31	0.33	− 3.65	0.11	0.0	5	12	16	3	se.	U. S. Weather Bureau.
St. Louis	St. Louis	567	39	76.9	− 2.2	94	25	60	19	28	4.21	+ 0.78	0.97	0.0	14	13	8	10	sw.	Do.
Sublett	Adair	1,000	30	75.2	− 0.6	95	24	51	13	35	10.85	+ 6.46	2.60	0.0	5	11	14	6	sw.	Lewis Spriggs.
Trenton	Grundy	812	15	77.0	− 0.6	98	27	57	19	28	3.14	− 1.08	1.54	0.0	5	17	11	3	s.	W. H. Estes.
Unionville§§	Putnam	1,072	17	75.0	− 1.1	98	1	50	19	37	4.56	− 0.06	2.00	0.0	6	16	3	12	s.	Geo. W. Davis.
Warrensburg	Johnson	883	32	78.2	− 0.2	99	27	56	19	29	4.05	− 0.19	1.97	0.0	7	24	5	2	sw.	A. F. Smithson.
Warrenton§§	Warren	865	20	76.5	− 0.8	97	25	54	19	30	6.44	+ 2.55	1.42	0.0	13	12	3	16	n.	Dr. John H. Frick.
Warsaw	Benton	700	6	79.6		103	28	52	19	36	4.63		1.76	0.0	9	14	16	1	sw.	Dr. J. R. Smith.
Wheatland	Hickory	920	18								1.96	− 2.34	0.85	0.0	6	18	12	1	s.	Mrs. S. A. Jackson.

[a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.
* Precipitation included in that of the next measurement.
** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.
† Also on other dates.
‡ Separate dates of falls not recorded.
§ Data are from standard instruments not supplied by the U. S. Weather Bureau.
§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.
‖ Estimated by observer.
‖‖ Precipitation for the 24 hours ending on the morning when it is measured.
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for July, 1910. District No. 6, Missouri Valley.*

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Wyoming.																																	
Barnum	Powder								.42			.02				T.		T.	.25	T.										.15			0.84
Basin	Big Horn																																
Bennett	North Platte				.08																							.80	.10		.10		1.08
Big Creek Station	...do	T.																											.70	.20			0.90
Burns	South Platte				T.	T.																.35							.10				0.45
Casper	North Platte																																
Cheyenne	South Platte	.02			T.	.01					T.		T.	T.			.34	T.	.02	.16	.02	.10	T.					.16	.15	.02	.32		1.32
Chugwater	North Platte	T.			T.	.02					.32	T.		.08								.02							.17	T.			0.61
Clark	Clark's Fork	T.	T.		T.				T.	.05	T.		.04			T.			.26	.01	.18	.11						T.		T.	.10	.06	0.81
Cody	Big Horn								T.	.15											.13	.18	T.										0.46
Crystal Lake	South Platte	T.			T.	T.				T.							T.		T.	T.	T.	.37	.11					.35	.39	T.	T.		1.22
Dome Lake	Tongue	T.			.01				.01		T.	.01					.01		.03		.06	T.	.01							.01			0.15
Douglas	North Platte																																
Dubois	Big Horn				T.								T.				.08		.14	.09										.06	.16		0.53
Eaton's Ranch	Tongue	.15																		.13	.03	.13	.05							.25	.05		0.79
Echeta	Powder								.25												.30									.35			0.90
Elk Mountain	North Platte				.10									.07		.30	.02							.04				1.65	.10				2.28
Encampment	...do													T.		.40	.02										T.	T.	.60	.10			1.12
Ervay	...do								.02		T.		T.			.05				T.	.28	T.	T.				.02	.12	.08		T.		0.57
Fort Laramie	...do																																
Fox Creek Station	...do				.32								.03	.05			.16	.02	.09	.03	.02	.11	.02					.44	.35	.25	.01	.07	1.97
Gillette	Powder	.20								.36				T.			.08						.39						T.	.21	.19	T.	1.43
Hunters' Station	...do	.05	.14						T.	.64		.11					.20	.09			.25	.09							.19	.15			1.91
Hyattville	Big Horn																																
Jireh	Niobrara	.16			.01							.02	.08						.04	.40		.17							.02				0.90
Kirtley	...do													.17						.15		.13							1.69	.06			2.20
Kirwin	Big Horn				T.					.40	T.	.08	.30			T.		T.	.02	.02	.10	.10	.05				T.		.20	.08	.15	T.	1.50
Knowles	Belle Fourche	.21				.10			.14																						.15	.06	0.66
Lander	Big Horn				T.				T.		T.		.01				.09	.04	.04	.07	.07		T.					.01	.03	.02	.29	T.	0.67
Laramie	North Platte	.02		.17	.04							.36		T.			.52			T.	.09	.02	T.					.61	.20	T.		.04	1.97
Leo	...do			T.													T.	T.	T.	T.	T.	T.	T.						.36	T.			0.36
Lolobama Ranch	Big Horn		.05							.03									.03	.37	.44	.35					.10		.15	.30	.20		2.02
Lovell	...do		.02			T.				.04											T.	.25					T.			.08			0.39
Lusk	Niobrara												.02							.12													0.14
Manville	...do	.02			.03							.22									.42	.09	T.						.03				0.81
Moorcroft	Belle Fourche	.04								.03						.02	.12					.02							.08	.20			0.51
Moore	North Platte	T.	T.	T.	.33	.03							T.	T					T.	1.01	.12	.04	T.	.01				.02	.75	.06	.01		2.38
Newcastle	S. Fork, Cheyenne	.15								.41		T.								T.	.40								.28				1.24
Pathfinder	North Platte											T.					.07	.41				.57	.02					.01	.12		.13		1.33
Phillips	...do	.65		.02			T.		.02	.05											.05	.14	T.				.04	.56					1.53
Powell	Big Horn				.06																	.44	.05					.06		.03			0.64
Rawlins	North Platte				.14											.38		.07	.04	.07	.06	T.	T.					.02	.25				1.03
Riverton	Big Horn																																0.51
Saratoga	North Platte				.12							.05				.05	T.		.13					.08					.13	.20			0.76
Sheridan	Tongue	.03				.02			.12		T.		T.			.07		T.	T.	T.	.03	.27	T.				.01	.01		.10	T.		0.66
Shoshone Dam	Big Horn								T.	.07		.03	T.					T.	.83		.38	.42									.44	T.	2.17
Soldiers' Home	Powder	.33								.47		.05							.08		.03		.07						.04	T.			1.07
South Pass City	North Platte				.04								.05			.04	.26	.11	.03	.01	.05	T.	T.						.55	.12			1.26
Thermopolis	Big Horn																																
Upton	Cheyenne	.09							.40							.20					1.20									1.70			3.59
Valley	Big Horn				.06					.36								.20	.12		.11										.12	.08	1.05
Verona	Tongue	.26					T.															.15									.15		0.56
Wiant's Ranch	North Platte			T.	.25										T.	T.	.01			T.		.10						.22	.28	.16		T.	1.04
Wiley	Big Horn							.15			T.								.35		.02	.30									.15		0.97
Wyncote	North Platte	.04				.07			T.		.05									.03	.10								.86				1.15
Yellowstone Park	Yellowstone	.01	T.		.05								T.		.02	.02		.06	.07	.17	.42	.44					.01			.13	T.	.32	1.72
(1) Fountain Hotel	Madison		T.		.13														T.	T.		.08					.12			.34		.23	0.90
(2) Grand Canyon	Yellowstone				.12	T.							T.	T.				T.	.45	T.	.13	.29									.23	.29	1.51
(3) Lake Hotel	...do				.20	T.								.06						T.	.40	.50					.10				.27	.51	2.04
(4) Norris	...do	T.		T.								T.	.11					.41		.12	.44						.10	T.				.88	2.06
(5) Riverside	Madison													.55								.19											0.74
(6) Soda Butte	Yellowstone				.10														.08		.10	.10						.85		.06	.10	.31	1.70
(7) Sylvan Pass	Big Horn				.05														.05			.45						.10		.10	.30	.15	1.20
(8) Thumb	Yellowstone																					.25					.24						0.49
(9) Tower Falls	...do	.09			.05											.05		.10	.19	.14	.135	.05					.03					.40	2.45
(10) Upper Gey. Basin	Madison				.14										.20							.35						.17				.08	0.94
Montana.																																	
Adams	Yellowstone					.39			.10	T.	.05	.10											.45	.06									1.15
Adel	Missouri	.60	.18		.05				.04		T.							.04			T.		.13										1.04
Agricultural College	Gallatin	.06				.19							.13		.01				.01	.08	.25	T.											0.73
Augusta	Sun		.27		.41				.46		T.																			.06			1.20
Babb	Milk			.10					.45	.02						T.							.05										0.62
Bald Butte	Missouri	.21	T.		.47				.13									.13			.02		.09							.08			1.13
Big Timber	Yellowstone					.10			.15			.10							.35	.05		.20											0.95
Big Timber Creek	...do	.02			.10	.02			.25	.01		.02	.03						.15	.04	.21									.02			0.87
Billings	...do				T.	.10			.30			.20								T.		.05											0.65
Boulder Nursery	Jefferson	.22			.12	.10			.01										.06	.07	T.												0.58
Bowen	...do	.02	.05			.03										.31				.08			.12							.06			0.67
Bridger	Yellowstone																					.23											0.23
Broadview Exp. Sta	...do				T.	.05						.05								.02		1.00											1.12
Busby	...do	.82				.07			.01			.05								.02		.07	.12				T.			.04			1.20
Busteed	...do	T.			.18				.21	.01		.13							T.	.07	.11	.02								.02			0.75
Cabin Creek	Jefferson					T.								T.		.12			.12	.06	.28											.09	0.67
Canyon Ferry	Missouri	.49	T.		.11								.05			T.		T.			T.		.12							.03			0.80
Cascade	...do	.12	.06	.10	.54				.13		T.	.02			T.		T.	T.					T.	T.							.04		1.01
Cataract Creek	Jefferson																																
Chessman Reservoir	Missouri	.50			.24					.10		.04	T.					T.			T.		.04								.13		1.05
Chester	...do																																
Chinook	Milk	.64	.04	.10	.21						T.												T.	.03							.03		1.05
Chouteau	Missouri																																
Clear Creek	Milk																																
Clemons	Missouri	.07	.04	T.	.87				.21		.03																			T.			1.22
Clyde Park	Yellowstone				.20				.10	.03			T.	.15					T.	.11	.16		T.										0.75
Copper	Musselshell	.08			.30	.19			.02										.04	.06		T.	T.							.01			0.70
Crow Agency	Big Horn					.23						.14									.11												0.48
Culbertson	Missouri																																
Cut Bank	Marias		T.	.20	.13				.21																								0.54
Decker	Tongue																																
Delpine	Musselshell	.12	.05		.06	.05		.01					T.					.05	.01			.02	.40										0.77
Denton	Missouri																																
Dillon	Jefferson	.08											.01			.01		.01					.02	.22									0.35
Dirty Creek	Musselshell	.11			.20	.15							.11										.17										0.74
Dry Creek	Missouri	.22			.04	.30			.01	.05								T.	.04		.02						T.		T.	T.			0.68
Dry Wolf Camp	...do	.22			.75				.10				.03		T.				T.				.01							.03			1.14

TABLE 2.—*Daily precipitation for July, 1910. District No. 6*—Continued.

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Montana—Cont'd.																																	
East Gallatin River	Gallatin						.25			T.				.07		.04			T.	.08	.15	.24					T.						0.83
Ekalaka	Little Missouri											T.									T.	T.		.02									0.02
Elkhorn	Jefferson	.19	T.	T.	.04	.16		T.	.01						T.	.10		T.	.02	.10	.07		.10							.02	T.	T.	0.81
Evans	Missouri																																
Fallon	Yellowstone	.66			.30	.13			.21	T.	.09	T.											T.										1.39
Family	Marias		T.						.22																								0.22
Fish Creek	Jefferson	.22				.16						T.	T.		T.	T.	.20			.16		.30							T.	T.			1.04
Fishtail Creek	Yellowstone								.10	.11			.01						.16	.15	.23	.19						.01					0.96
Flathead Creek	...do																																
Forsyth	...do																																
Fort Benton	Missouri				.45																			.30					T.				0.75
Fort Shaw	Sun		.80		.86						T.		T.																				1.66
Foster	Big Horn		T.			.09			T.			.04										.24											0.37
Garnell	Musselshell	.20	.30		.40								T.					.02				.05											0.97
Glendive	Yellowstone																																
Goldbutte	Marias		.20	.02	.35			T.	.62									T.															1.19
Graham	Powder	.19	.14			.05			.08	.04				.28									T.										0.78
Grayling	Madison	T.														.12					.05	.76					.06					.17	1.16
Great Falls	Missouri	.08	.13		.35				.19		T.			.53		.04		T.												T.	.01		1.33
Half Moon Pass	Musselshell	.70			.30				.01				T.					T.	.20	T.	T.		T.										1.21
Half Way House	Missouri	.25	.08			.32				.05						.02			.06	.01													0.79
Harlowton	Musselshell				.49								.18																				0.67
Havre	Milk	T.	.10		.40			.05	.11		T.											T.	.18							T.			0.84
Helena	Missouri	.22	T.		.21				.10				.04		T.			.02	T.		T.	T.	T.							.02			0.61
Highwood	...do	.10	T.		.55				.27		.05	.01											.05								T.		1.03
Homepark	Jefferson												.14								.24	.17											0.55
Huntley	Yellowstone																																
Jones Canyon	Gallatin	.14			.37				.16		T.		.03		.02			.03	.14	.02	.24		.02				T.						1.17
Jordan	Missouri								.25		.05											.03	.06										0.39
Lewiston	...do				1.07	.20			.11	.02				.01								.57	.22										2.20
Livingston	Yellowstone	.04			.02	.19			T.						T.			.04	.03	.09	.16												0.57
Lodge Pole Creek	...do																																
Lonetree	Missouri	.08			.33				.06		.09												.12									.05	0.73
Lost Horse Creek	Musselshell	.86	.01		.98				.03			.08	.05				T.	T.	.02		.10	.02											2.15
Malta	Milk	.12	.02	T.	T.	.30			.25	T.	.07											T.	.25	.14									1.15
Meadow Creek	Madison																																
Melstone	Musselshell	.04	.09		.01																		.63										0.77
Mildred	Yellowstone				*	1.46			.13	.06	.04					T.			T.	T.			T.										1.69
Miles City	...do	.10				.59					T.						T.					.05	.19										0.93
Moore	Missouri	.28			.78	.20			T.		.10		T.	.20																			1.56
Norris	Madison	.12				.27												.06	.02	.19	.02	.20											0.88
Nye	Yellowstone	.02			.03				.06	.08			.22					T.	.18	.14	.07	.31											1.11
Olsen Creek	Jefferson	.35			.24											.15				.06	.05		.12							.07			1.04
Pipestone Pass	...do	.36	.04		.15											.05		T.	.09	.05	.32	.04								.04			1.14
Poplar	Missouri					.29			T.		T.	.45												T.									0.74
Raymond	...do	.20	.23	.24				.10	.18																				T.				0.95
Red Lodge	Yellowstone	.06	T.		.10				.40				T.						.09		.10	.31					T.			T.		.31	1.37
Reese Creek	Gallatin		.10						.09											.18	.22												0.59
Renova	Jefferson	T.				.14				T.				.07		.02			.07	T.	.06	.08	T.							.07			0.51
Rimini	Missouri																																
Ryegate	Musselshell	.22				.05			.17											T.										T.			0.44
Sedan	Yellowstone																																
Springbrook	...do					.40			.19	T.	T.	T.											.63	.06							T.	T.	1.28
Stearns	Missouri	.51			1.10				.40																								2.01
Three Forks	Madison	.04	.02		.25									.10	.02				.25														0.68
Tokna	Yellowstone	.10				.41			.14			.09				T.							.40	T.									1.14
Townsend	Missouri																																
Trail Creek	Yellowstone	.08				.10							.05					.17	.08		.41												0.89
Utica	Missouri	.14	.03		.28				.13				.38									.11								.10	.06		1.23
Valentine	Musselshell		T.		T.	.24			.10	.06	.05												.16										0.61
Virginia City	Jefferson & Madison	.20				.17							.06					.15		.09	.37	.08	.53										1.65
Wall Rock Mountain	Missouri	.17			.30				.02	.35								.12	.07		.02	T.	.03							T.		.02	1.10
Warm Springs Creek	Madison																																
Willow Creek	Yellowstone																			.14	.31												0.45
Wolf Creek	Missouri	.20	T.	.12	.36				.10			T.			T.	.07		T.				T.	.03							.24	.05		1.17
Wolf Point	...do																																
Woodville	Jefferson	.09			.01	.13				.02									.06		.12		.05							.08	.07	.03	0.66
North Dakota.																																	
Aplin	Knife					.03			.10			.79		.20					T.					1.49	.04			T.				.11	2.76
Beach	Little Missouri	.02				.77			.07	.02		.28												.72							.12		2.00
Berthold Agency	Missouri					.14		T.	.03		.45	.01							.29			.57		.05								.03	1.57
Bismarck	...do					T.			.02	T.	.01	.38		.11					.18				.06					.03			T.	.14	0.93
Broncho	Knife					0.7		.05	.03															1.16							.07		1.38
Buford	Missouri					.29	T.		T.		.12	.24												.40								T.	1.05
Coal Harbor	...do					.02					.70	.17							.27					1.25			.14						2.55
Dickinson	Hart	T.							.01			.43	.01				T.		.20	T.				1.28							.14		2.07
Edgely	James								.03		.11	.01		.45																			0.60
Epping	Missouri					.30			.27		.16	.23							.02					.41							.33		1.72
Fullerton	James	.04				T.			T.					.29						T.				T.	T.				.18				0.51
Haley	Grand					T.			.50			.70		T.						T.										T.			1.20
Hettinger	Cannon Ball																																
Howard	Missouri	T.				.02			T.	T.	.72	.04				T.			T.				.45	.37				T.			.82		2.42
Jamestown	James								T.	.09		.20		.13					.01		.09							.14	.17				0.83
Lamoine	Missouri	.17							T.	.25		.57	.19							.17				2.35									3.80
LaMoure	James											.08			.70																		0.78
Mc Henry	...do						T.			.14		.59							.05				.50					.02					1.30
Manfred	Sheyenne	.53				.17						.78							.02					.59									2.09
Marmarth	Little Missouri					.51			T.	.02		.08										.01		.15				T.					0.77
Marstonmoor	James					T.	T.			T.		.30		T.						.07				2.56	T.	T.		.08					3.01
Medora	Little Missouri				T.	.23		T.			.28												T.	.62							.01		1.14
Melville	James								T.			.85							.09		.06			1.50				.07					2.57
Mott	Cannon Ball								.06			.13	.16	.08					1.49												.18		2.10
Napoleon	Missouri					T.	T.		.05			.10		.54					.13					T.				.10			T.	.07	0.99
New England	Cannon Ball					T.			T.			T.		T.					T.													T.	T.
New Salem	Heart					T.				.05		.42		.09					.14				.25					T.			T.	.12	1.07
Orange	Cannon Ball					.04								.05					.09														0.18
Palermo	Missouri																																
Schafer	Little Missouri					1.17		T.	.02		.06	.42					T.		T.					.21							T.	.02	1.90
Steele	Missouri																																
Washburn	...do				.30	.04			.20	T.		.64							T.					1.94				.10				T.	3.22
Williston	...do				.01	.16			.08	.39	.01								.02				.38	T.							.04		1.09
Wishek	...do					.30				.07				.02						.17													0.56
South Dakota.																																	
Aberdeen |||	James						.15			.45		.15			.20					.02			T.					T.	.10				1.07

TABLE 2.—*Daily precipitation for July, 1910. District No. 6*—Continued.

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
South Dakota—Cont'd.																																	
Academy	Missouri		.17			T.		.10		.28		.03		T.						.04	1.50	.52				.24							2.88
Alexandria	James		.20							.30				1.20							.40					1.02							3.12
Ardmore ‖	Cheyenne																																
Armour	Missouri	.40					.25			.50				.30								2.00						.30					3.75
Belle Fourche	Cheyenne		.43				.12			.20									.03	.23													1.01
Brookings	Big Sioux									.44		.69			.24									.18		T.		.13					1.68
Camp Crook	Little Missouri												.22							.15											.10	.05	0.25
Canton	Big Sioux						.07				1.61				.61						.12	T.	.42			.19		.07	T.				3.09
Cascade Springs	Cheyenne	.42								.95		.20								.04	.08	.35	.86						.24				3.14
Castlewood	Big Sioux		.08				.28			.25	T.	.53	T.		.04											.11		.23				.10	1.62
Centerville	Missouri						.63	.04		.38		.09			.41					T.	T.	1.07	.26	T.		.50		.04	.08				3.50
Chamberlain	...do					.60		.06		1.40				.60						.16	.38							T.					3.20
Clark	James		T.				.56			.16		.33		T.	.14				.01							.02		.51					1.73
Cottonwood	Missouri	.03				.08		.50											T.	T.		T.	.05						T.	.05	.40		1.11
Crow Creek	...do		.04			.28				.91		.22								.09	.81						.01	.06					2.42
Daviston	Grand									.03		T.		.09					.03														0.15
Deadwood	Cheyenne					T.				.45									.20		.50		.05						.20			T.	1.40
Deerfield	...do	.31								.58							.16		.12	.03	.06	.03	.20						.75	.08	.19	T.	2.51
De Smet	James					.20				.45		.15			.20							T.				T.		.07					1.07
Dowling	Cheyenne		.33			.12			T.	.45											T.								.10		.05	T.	1.05
Dumont	...do	T.				.27				.60									.14		.39		.46						.81	.03			2.70
Elk Mountain	...do	.50							.35			1.23	.15						.43	.19	.10								.60			.06	3.61
Elk Point	Missouri						T.	.10	T.	.75					1.10								.10					.10					2.15
Englewood	Cheyenne					.07			.05	.35												.05							.15		.20		0.87
Eureka	Missouri					.01			.09	.05		.05								.19		.01						.13					0.53
Faulkton	James					.06		T.		.12		.14		.09						.09						.06		.08			T.	T.	0.64
Flandreau	Big Sioux	.08					.07			.60		.35			.37								.19			.02		.12					1.80
Forestburg	James		.13			T.		T.	.01	.75		.24		2.27					.04							.23		.20					3.87
Fort Meade	Cheyenne					T.			.10	.25									.22	.95											.10		1.62
Frederick ‖	James					.25			.16			.34								.04													0.79
Ganvalley	Missouri	.11				.12		.35		.76		.06		.30						.10	.26					.57		.10			.10		2.83
Greenmont	Cheyenne					.07			.50										.12		.50	.20							.46		.12		1.97
Greenwood	Missouri		.17			T.		1.68		.77		.38		.31							.14	T.						.27					3.72
Hardy Ranger Station	Cheyenne	.06	.20							.50										.12	.01	.15							.86	T.	.13	T.	2.03
Harvey's Ranch	...do																																
Hermosa	...do	.28							.42	T.									.07	.40		.01							.98		1.20	.06	3.42
Highmore	Missouri					.10	.05		T.	.32		.09		.11						.14						.02		.02			T.		0.85
Hill City	Cheyenne	.31	T.						.04	.68							.07		.06	.06	1.62	.01	.07						.81	.02	.07		3.82
Hopewell	...do		.25							.27										.78													1.30
Howard	James																																
Howell	...do		.01			.26			T.	.61		.30		.05	T.					.11						.24		.03			T.		1.61
Huron	...do	T.	.04			.02			T.	.15		.05		.02						.05		T.		.03		.07		.05					0.48
Ipswich	...do					.45			.14					.49						.12								T.					1.20
Kadoka	White	.15	.41			.01			T.	.53		.09								.02		T.	.01								T.		1.22
Kennebec	Missouri		.27			.17		.05		.59		.17		.07						.10													1.42
Kidder	James					T.						.25	T.	1.58						T.	T.	T.						T.				T.	1.83
Kimball	Missouri		.47			.33			.83	.41				2.38							.10		T.	T.		T.		T.					4.52
La Delle	James		.75				1.52			.25		.35		T.												.10						.15	3.12
Lead	Cheyenne					.05			.03	.38									.46	.28		.11							.21				1.52
Lemmon	Grand													.08					.02												.05		0.15
Marion	Missouri						T.	T.		.70		.30			.74					T.	T.		.17	.06		T.		T.	.92				2.89
Marston	...do		.10			.47				.28		.07								1.10													2.02
Mellette	James						T.		T.	.09		.14		.16	.08					.08	.02			T.		.02		.14			T.		0.73
Menno	...do	.09				.08		.10		.53		.11		.28						T.	T.		.17	T.		.05		.27					1.68
Milbank ‖	Minnesota		.37				.84			.08	T.		.34		T.							.07						.17	.04			T.	1.91
Mitchell ‖	James	.05				T.			.30			.03		.28						T.	.50			T.		.25	.60	T.	.03				2.04
Murdo	White		.10			.20				.30										.05													0.65
Oelrichs	Cheyenne	.75								.50										.49	.40	.40	.46						.10				3.10
Orman	...do					.08			.04	.23											.41								.03		.09		0.88
Ottumwa	Missouri	T.							.55											.02													0.57
Pierre	...do	.02				.01		.03	.14	.25		.25							.57	.29		.02				.04		.13			.13		1.88
Plankinton	James	.20				.29		.08	.35			.03		.43						T.	.38	T.		.03				T.			.10		1.89
Pollock	Missouri																			.23									.03				0.26
Rapid City	Cheyenne	.13			T.	.02			.34	.15							T.		.70	.31	.01	T.	2.77						.46		.83	.04	5.76
Redfield ‖	James						.75			.20		.38			.32											T.		T.				.16	1.81
Rochford	Cheyenne	.91							T.	.65										.92		.06							.37	.01		.58	3.50
Rosebud	White		1.15		T.	.25				.31		.20		.01						T.	T.	.40							T.				2.32
Roslyn	Big Sioux					.50			.04	.57		.16		.10										T.				T.					1.37
Savoy	Cheyenne	T.				.05			.08	.30							.05			.15			.05					T.	.50			.10	1.28
Selby	Missouri								.15			.20								.25								.20			T.		0.80
Sioux Falls	Big Sioux						.80	T.		.60				1.20					T.	T.		.15			T.			.40					3.15
Spearfish	Cheyenne																																
Stephan	Missouri	T.	.66			.22		.10	T.	.38		.25		.11						.22						T.		.14			T.	.06	2.14
Tama	Cheyenne	.31				.08		T.	*	.20									T.		.03							T.			T.	.08	0.70
Vale	...do								.16	.26											1.03								.12				1.57
Vermilion	Missouri						.07	.10	.04	.62		.03			1.48								.31	.03		.14			.44				3.26
Water's Ranch	Cheyenne	.02				.03			.11	.32													.05						.12			.08	0.73
Watertown	Big Sioux		.50				.72			.47		.50																.97					3.16
Wentworth	...do					.47	.02			.57		.27			.60									.41				.13					2.47
White Lake	Missouri	.10				.45		.32		.28		.02			.81						.09					.09		.02					2.18
Winner	White	.32								.29									.16			.38							.16				1.31
Yankton	Missouri		.02			.67		.10	.15	1.63		.05		.18	.05					T.	.01	.41		.03		.04		.53					3.87
Minnesota.																																	
Pipestone	Big Sioux	T.	.67						T.	.63		.50			.45									.06		.08			.18	T.			2.57
Colorado.																																	
Akron	Republican	.08			.42								T.					T.				.25							T.	.61	.09	.02	1.47
Alma	South Platte																		.18				.10						.14		.19		0.61
Arriba	Republican	.10	.04							T.	.06			T.	T.				.12		T.	.27		.02	.61					.93	.42	2.57
Auldhurst	South Platte				.02						.16		.20		.02		.03	.18		.33	.71	.07			.05				.02	.75	1.20		3.74
Boreas	...do		T.		.04							.16					.22		.41	.08	T.	T.						.58	1.20	.75		T.	3.44
Boulder	...do																																
Burlington	Republican		.01			.06							.60									.20								.90	.25		2.02
Cassells	South Platte																																
Castle Rock	...do					.18					.06			.11				.19	.06		.54								.03	2.30	.39		3.86
Cheesman	...do																																
Cheyenne Wells	Smoky Hill	.42	.08									T.		T.						T.		.36								1.55	.35		2.76
Cope	Republican				.90					.03													.12					.42	.61	.08			2.16
Corona	South Platte	T.										T.	T.					.40	T.		T.	T.		T.							.70	T.	1.10
Denver	...do	T.			.01					T.			.10	T.			T.	.01		T.	T.	T.	T.		T.			T.	2.21	1.13	.01		3.47
Edgewater	...do						.01						T.							T.								.01	1.36	.82			2.20
Estes P'k. Fish H'y	...do		T.	T.		.10				T.			.02			T.	.50	.05	T.	.08	.50	T.						.20	.16	.76	.50	T.	2.87
Fort Collins	...do	T.	T.			T.					T.		.01					T.			.03	T.	T.	T.				T.	.05	.78			0.87
Fort Morgan	...do				T.	T.						.25										.19							T.	.11	.62		1.17
Frances	...do				T.	.09				.04	.03		.16				.07	.11		.30	.40		.03					T.	.58	1.32	1.00	T.	4.13

TABLE 2.—*Daily precipitation for July, 1910. District No. 6*—Continued.

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Colorado—Cont'd.																																	
Fry's Ranch	South Platte				.09	.09											.04		.05	.02	.02	.16						.05	.09	.56	.05	.06	1.28
Georgetown	do		T.	.07	.03					T.		T.	.04	.07			.04	.18	.05	.13	.58	.05			T.			.26	.81	.40	.04	T.	2.75
Greeley	do			T.	T.						T.			T.						T.	T.	T.						T.	.12	.04	.08		0.24
Grover	do																																
Hartsel	do					.25				.02		.04		.02				T.	.01	.35	.35	.02	.01					.10	.08	1.25	.31	.56	3.37
Hawthorne	do	.05								.47			.01	.01							T.							T.	.51	.49	.04		1.58
Holyoke (near)	do				.34																	.50								.23			1.07
Idaho Springs	do									.06							T.	.02		.05	1.16		T.					.10	1.25	1.25	.41		4.30
Keota	do									T.										T.	.50								T.	T.	T.		0.50
Kossler	do																																
La Porte	do										.12										.25	.08						.18	.02	.22			0.87
Le Roy (near)	do		.02		.36						.07											T.							T.	.64	.44		1.53
Longmont	do																																
Long's Peak (near)	do												.75		.13		.10	.70	.08	.10		.10							.65	1.20	.28		4.09
Moraine	do																																
Platte Canon	do									.20	.14	.01													.14				.24	1.89			2.62
St. Cloud	do	T.			T.					T.	T.						.16			.10	.05	.05						.09	.62	.18			1.25
Sedgwick	do				.60						.25	.20		.10																.38	.25		1.78
Sill Mine	do													.30				.80						.30				.36	.80	.88	.48	.05	3.97
Silver Lake	do																																
Spicer (near)	North Platte				.53									.02							.52							.22	.20	.17	.03	T.	1.69
Sterling	South Platte					.05																								.22	.62		0.89
Waterdale	do										T.		T.	T.			T.					.24							.02	1.05	.03	T.	1.34
Westlake	do				T.					T.			.10							T.								T.	.26	.60	T.		0.96
Wray	Republican	.09			.16	.08						T.		.05								.13								.66			1.17
Yuma	do																																
Nebraska.																																	
Ainsworth	Niobrara		.38			.39				.34				T.						T.	.13	.27	T.					T.	.01	T.			1.52
Albion	Loup		1.10	.50			.30	.11		.05		.15																					2.21
Alliance	North Platte										T.	1.00					T.												.10	.90			2.00
Alma	Republican			.09			.18					.22		.85								.38											1.72
Anoka	Niobrara	.08	.05					.12		.20		.25		.63						.87	.80								.02				3.02
Ashland	Platte						.02	.20				.02			T.			T.			T.		.32	T.	T.	T.			.11	T.			0.67
Atkinson ‖	Elkhorn		.17	2.70				T.		.83		T.			.70						.17								.05				4.62
Auburn ‖	Little Nemaha			.10			.06		.25		.25		.04		.70								.02										1.42
Beatrice	Blue						.10	.32				.49			.76								.02	T.						T.			1.69
Beaver City	Republican											.24		.68								.61											1.53
Bellevue	Missouri		.11				.06	.16		.17		T.												.29			.21		.03				1.03
Blair	do		.08				.05	.13		.47		T.			.28			T.					.29			.05	.02		T.				1.37
Bloomfield	do		.25			.20		.10	T.	1.00				.30							.50	.43		T.				.05					2.83
Bridgeport	North Platte										.05							.35											.70				1.10
Brokenbow ‖	Loup	.10		1.48		.03							.35							.21			.02						.21				2.40
Burge	Niobrara	3.00										.85		T.								.18											4.03
Callaway	Loup	.62										.76								.13	.08												1.59
Cambridge	Republican	.05				.95						.12	T.	.20		T.					T.	.57				.17				T.			2.06
Canton (near)	North Platte									.01	.16	T.					T.				.43								.72				1.32
Columbus ‖	Loup						.26		1.20	T.			.12										.12				T.						1.70
Creighton	Missouri																																
Crete	Blue					.05		.43				.30												.04									0.82
Culbertson ‖	Republican	T.					T.					.10			.05								.04						.02	.03			0.24
Curtis	do	.16	T.									.04		.55	.08						.31												1.14
David City	Blue			.12			.04	.65		.10		.08			T.						T.	T.		T.		.63			T.	T.			1.62
Dawson	Great Nemaha		.35				.33	.27				.01			.11	T.							T.										1.07
Elsie ‖	Republican					.17		T.			T.	.13	.07								T.	.02	T.				.02		T.			T.	0.41
Enderslake	Loup																																
Ewing ‖	Elkhorn					.05		.09		.90		T.		.83							.17	.03							T.	T.			2.07
Fairbury ‖	Blue					.03		.32		T.		.19		.18		T.								T.						T.			0.72
Fairmont ‖	do						.06		.10				.43		.26								T.		T.								0.85
Fort Robinson ‖	Niobrara	.20				T.				.14		.62	.02	.01						T.	.05	.40								1.71		.04	3.19
Franklin	Republican																																
Fremont	Platte						.12	.12		.50		.06			T.								.27										1.07
Fullerton	Loup					T.		T.		T.		1.84																					1.84
Geneva	Blue							.04	.29		T.		.37			.30				T.			T.	T.						.02			1.02
Genoa	Loup																																
Gordon	Niobrara	.85						.43				.42								1.16	.40		.30							.34			3.99
Gosper	Republican					.17						.27		.63							.08	.40											1.55
Gothenberg	Platte	.03	T.	.05		.30						.70		.65							.10	T.							T.	T.			1.83
Grand Island ‖	do						.10		.06				.12										.09				T.			T.			0.37
Grant	Republican				.25																	T.								.15			0.40
Greeley	Loup																			.16	.01	.31								T.	T.	.02	0.50
Halsey	do		.24		.06							.20							.70			.15						.28	T.				1.63
Hartington ‖	Missouri						.22		.26		1.10			.12		.26	T.				T.		.42						.22	T.			2.60
Harvard ‖	Blue		.02			.10		.01	.05			.06	.32	.01								.11											0.68
Hastings ‖	do						1.02		.28				.37		.19								.17										2.03
Hayes Center	Republican																																
Hay Springs	Niobrara	T.			T.						.15		.47						T.	.72		.41							.68				2.43
Hebron	Blue						T.	1.70	.08	T.		.83			.06						.01		.02	.03		T.				T.			2.73
Hemingford ‖	Niobrara	.23	.07									.15									.01	.01							.04	1.22			1.73
Hillside	North Platte		.11		.70	.91						.11								.06		.03								.60			2.52
Holdredge ‖	Republican			1.44			.15					.10	.49		.75	T.		T.					.07										3.00
Hooper	Elkhorn					.02				1.40				.96								.31					.04		T.				2.73
Imperial	Republican	T.			.45							.10		.07								.05								.05	T.		0.72
Kearney	Platte	.30		.33								.75			.17						.05		.12							.05		.04	1.81
Kimball ‖	South Platte					T.								T.			T.				T.							T.	.66	.12	.11		0.89
Kirkwood	Niobrara	.68				.33		.07						1.47						.06	.18	.22							T.				3.01
Kowanda ‖	North Platte				.24												.02				.02								.18	.35			0.81
Lexington	Platte	.42		.13								1.19			.13						.20	.95								.10			3.12
Lincoln	do		.48			.16	.01	2.26		T.		.09		T.	T.						T.	.01		.01					.01	T.			3.03
Lodgepole	South Platte				T.	.06						.51		T.																.24	.31		1.12
Loup	Loup		.75	.85																.22						.42							2.24
Loyal	do									.28		.58								.41	T.	.11						T.		.10			1.48
Mc Cook	Republican					.42						.28																					0.70
Madison	Elkhorn						T.	.65		1.20		T.									.10	1.00	.40				.20						3.64
Marquette	Platte			T.		1.12	1.56		T.			.17			.02					.01	T.	T.	T.			T.		T.	T.				2.88
Mason City ‖	Loup		.60									.25								.12						.35							1.32
Minden	Blue		T.	.10		.03		T.				.87		.35						T.	T.	.12											1.47
Mitchell ‖	North Platte											.36										.50						.13	.44				1.43
Nebraska City	Missouri		.35				T.	.15				T.			.45																		0.95
Norfolk	Elkhorn			.15			.15	.52		.71		.04			.20			T.			T.	.10	1.15	T.		T.			.02				3.04
North Loup	Loup			.40		T.													T.		.12	.10										.10	0.72
North Platte	Platte				T.	.41						.14								.03		T.		T.				T.	T.	.02	T.		0.50
Oakdale	Elkhorn		.42			.94		1.04		.74		.07		.42		T.					.06	.19						T.	T.				3.88
Omaha	Missouri		.76			T.	.01	.14		.03		T.			.16			T.				.02	.27	T.		.51	T.		T.				1.90
Ord	Loup	.05		.37								.20								.23	.11	.06						.09					1.11

TABLE 2.—*Daily precipitation for July, 1910. District No. 6*—Continued.

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Nebraska—Cont'd.																																	
Palisade	Republican				.22											.14										.15							0.51
Pawnee City	Great Nemaha		.25			.10		.35							.62																		1.32
Paxton	South Platte					.64			.48			.04																		.12	.03		1.31
Plymouth ‖	Blue							.15		T.		.12			.05	T.																	1.32
Purdum	Loup		.24			.17						.34								.39	.04	.32	T.					.18	.04				1.72
Ravenna	...do			.15			T.					1.40		T.						.05	.03		.03			.36							2.02
Redcloud	Republican			T.			.20	.02		T.		.70			.59					T.	T.		.67							T.		T.	2.18
Saint Libory	Loup					.52						.34									.14												1.00
Saint Paul	...do					.09						.22							.08	T.	.05												0.44
Santee	Missouri						.65	.06	.04	1.90		.13			.33						.03	.95							.41				4.50
Sargent ‖	Loup	.10		.50		T.										T.				.80										T.			1.40
Schuyler	Platte					.15		.21		.01		.07			.04						T.					.43							0.91
Scottsbluff	North Platte									.03	T.	T.	T.	T.			.06		.02	T.	.07	.16							.64	.16	.01		1.15
Seward ‖	Blue		.40			.50		1.60				.15																					2.65
Sheridan	Loup					.16		.03		.07		.04	T.								.49	.19											0.98
Sidney	South Platte				.04									.18							.02									.66	.37		1.27
Springview	Niobrara		.30			.15				.35					.10						.33	.15											1.38
Stanton	Elkhorn						.10	.13		.88					1.40								.94										3.45
Stratton ‖	Republican	.05																						.76					.50				1.31
Superior ‖	...do							.10					.55										.75										1.40
Tecumseh	Great Nemaha						.12	.15		.20				.31																			0.78
Tekamah	Missouri		.10	.05			.15	.24		.45					.59			T.					.55										2.13
Tobias	Blue						.08	.15							.25					T.										.04			0.52
Turlington	Little Nemaha		T.			.15		.25				.07			.18			T.						T.									0.65
Valentine	Niobrara	.89				.54				.28		.07		.23						T.	.02	.03	T.				.07	.01	T.				2.14
Wahoo	Platte						.10	.08	.07													.33				.11							0.69
Wakefield	Elkhorn					.25		.25		.48		T.			.99							.34		.03		T.			.02				2.36
Walthill ‖	Missouri																																
Watertown	Platte	.10										.90										.20				.20							1.40
Wauneta	Republican				.15						.05			.35															.22				0.77
Weepingwater	Missouri		T.				.16	.43				.05			.06									.03					T.	T.			0.73
Wellfleet (near)	Republican																																
Westpoint	Elkhorn			.72		T.	.43			1.20		T.			.48							1.07				T.			T.				3.88
Wisner	...do			T.		.25		.20		.75		T.			.24								1.47			T.	T.						2.91
York	Blue		.21				2.47	.03				.75			T.			T.		T.	T.		T.	T.					T.	T.			3.46
Iowa.																																	
Afton	Grand		T.					.05		.01					.09						T.		.05			.67	.09						0.96
Allerton	Chariton		.53							.12					.61	.53					T.		T.			.23	.27		T.	.20			2.49
Alton	Floyd						1.02		T.	1.01			T.		.30	.08					T.	.20	.75				.06		.42				3.84
Atlantic	Nishnabotna		T.					.06		.31					.20								.13	T.		.09	.03		T.				0.82
Audubon	...do		.21				.04	.07		.16					.57						.02	.18		.02		.11	.09						1.47
Bedford	Missouri							.06		.20		T.			.96			T.					.13										1.35
Centerville	Chariton									.25					.38	T.	T.									.28	1.83						2.74
Chariton	...do		.52							.12				.25									T.			T.	.70		T.				1.59
Clarinda ‖	Nodaway			.06					.08		.16		T.		.85	.62							.22	.18	T.								2.17
Corning	...do		.25					.18		.35		T.			.38			T.					.10	T.		.72			T.				1.98
Corydon	Chariton		.13							.85					.11	.09					T.		T.			.04	.67		T.				1.89
Council Bluffs	Missouri																																
Creston ‖	...do			.11					.06		.03				.12	.26							.02	.09			.86						1.55
Cumberland	Nodaway		1.08					.06		1.32				.02									T.	T.		.01			.01				2.50
Denison	Missouri						.19	.05		.33					.74								.48	.03		.01	.01		.08				1.92
Elliott	Nishnabotna		.23					.20		.53					.23			.12					.09				.02						1.42
Greenfield	Nodaway		.26					.02		.32					.15						.14		.09	T.		.32							1.30
Harlan	Nishnabotno						.21	.08		.42					.20						T.		.17	.01		.14			.02				1.25
Hopeville	Grand		.18							.09					.25	.31					T.		T.	T.		.78	.09		T.	T.			1.70
Inwood	Big Sioux						.05	T.		1.53		.11			.83					T.	.11	T.	.58	.04		.14		.03	.11				3.53
Lamoni	Grand		.14							.98					.14	.98									.08	.59			.58				3.49
Larrabee	Little Sioux					.35				1.30					.24						.33	T.	1.04	T.		T.		.21					3.47
Le Mars	Floyd					.01	1.10	.01		1.20		T.			.55								.65	.09		.71			.86				5.18
Lenox	Missouri		T.					.10		.39					.71								.25	.10		.15							1.70
Leon	Grand		.10							.66		T.			.15	1.51								T.		.65	.20						3.27
Little Sioux	Little Sioux						.12	.22		.49					.21			.02					.51	.03		.02							1.62
Logan	Missouri		1.13				.02	.16		.58					.28			.09					.28	T.		.22			.02				2.78
Massena	Nodaway																																
Mount Ayr	Grand							.07		1.50		T.			.24	1.10							.05	.05		.38	T.		T.	.07			3.46
Odebolt	Missouri									.43					.30						.05		.60	.06		.04			.24				1.72
Onawa	...do			.20			.18	.20		.24					1.10								.91	T.			.12		.03				2.98
Pacific Junction	...do		.52					.14				T.			T.			T.					.20	T.		.10			T.				0.96
Rock Rapids	Big Sioux									.80					.50								.25						T.				1.55
Sheldon	Floyd						.65			1.60		.02			.20						T.		.35	T.				.25	.30				3.37
Sibley ‖	Big Sioux						.35			.79	.19		.02		.82	.03							.54		.06		.10		.20				3.10
Sioux Center	Floyd						.25	T.		1.37		.03			.98								.96	T.		T.			.25				4.06
Sioux City	Missouri					.40		.13		.44		T.		.08	2.03							.50		.04				.07	T.				3.69
Thurman	...do		.48				T.	.18				.08			.22			T.					.12	T.		T.				T.			1.08
Washta	Little Sioux					.55		T.		.15					.55						T.	.60	.10	.04				.28					2.27
Woodburn	Chariton		.17				T.	T.		.39		.12			.06	T.					.01		.01	T.		.06	.25		T.				1.07
Kansas.																																	
Abilene ‖	Smoky Hill					.36		.24				1.12		.04								.12		T.						T.			1.88
Agricultural College	Kansas		1.01				.56	2.05				.92	.05		.47				.43				.32							.02	T.		5.83
Alton	Solomon			T.		1.08	.32	T.				1.03			.03						T.		.37							T.		T.	2.93
Atchison	Missouri		.20				T.	.20					.20		.35				.70				.20										1.85
Baker ‖	...do			.10			T.		T.				T.		.65			.50					T.	.20	.20								1.65
Beloit ‖	Solomon					.17						.70		.90																	.05		1.82
Blakeman	Republican	.10				.01								.17								.30											1.03
Blue Rapids ‖	Blue						.10		.20			2.11			.14								.10		T.								2.65
Centralia	...do		.17				.09	.19				.19			1.55								.27		.28				T.				2.74
Chapman	Smoky Hill		T.				.25	.45				.40	.25		.23			.25					.20	T.					T.	T.			2.03
Clay Center	Republican						.25	.20				.95			1.00																		2.40
Colby	...do					T.						T.						T.				.24				T.				.01	T.		0.25
Concordia	...do					.11	.03	T.				.34		.39	.65			T.		T.	T.									.02			1.54
Densmore	Solomon					T.						.62		.04								.72							T.	T.	T.	.08	1.46
Dresden ‖	Republican	.05					.72						.32										.19				.01			T.	T.	T.	1.29
Ellsworth	Smoky Hill						.35	T.					1.20																				1.55
Enterprise	...do						.21	.63				.48	.22		.04			T.	.75				.11	.05									2.49
Eskridge	Kansas		.50				.25		.46			.60	.10		.55	.07			T.				T.				T.			T.			2.53
Farnsworth	Smoky Hill		.01			.36		T.				T.	.03										.62		.03						T.		1.05
Ft. Scott ‖	Marmaton		.21	.80	1.07				.80				1.03			.17	.41				T.			.03	T.	T.					T.		4.52
Frankfort	Blue		.14				.05	T.	.14			.35			.75										.13				T.				1.56
Garnett	Marias de Cygnes		1.17	.10			.02		.56		.16		.41		.28	.17			T.				T.		.11								2.98
Goodland	Smoky Hill																																
Gove	Blue					.79						.01										.52											1.32
Hanover	...do					.27		1.45				.47			.39						T.				.14					T.			2.72
Harrison	Republican						.12			T.		.41			1.16								.38			T.				.03			2.10
Hays ‖	Smoky Hill	.10					1.72		.02				.58									.03											2.45

TABLE 2.—*Daily precipitation for July, 1910. District No. 6*—Continued.

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Kansas—Cont'd.																																	
Hill City	Solomon																																
Horton	Kansas			.06			.03	.18				.05			1.02			.10					.17	T.						T.			1.61
Hoxie	Solomon						.05	T.				.65											.40										1.10
Jewel	Republican						T.					.74			1.07															.14			1.95
Lawrence	Kansas	1.32						.27	.07	T.			.99	.29	.19	.45		.02					.01										3.61
Lebanon	Solomon						.12					.54		.90									.26						.09	T.			1.91
Lindsborg	Smoky Hill						.42	.09					.79																				1.30
Mankato	Republican						.06					.58	.04		.88						T.		.20							.11			1.87
Minneapolis	Solomon					T.	.68	T.			1.00		.20		.25			T.			T.		T.	T.						.02	T.		2.15
Moran	Marmaton		.75	.12	.06		.01		.54				.44		T.							T.		T.						T.			1.92
Natoma	Saline		.03			.14						.04																					0.21
Norton	Republican					.06						.22		T.	.07							.28	T.								T.	.23	0.86
Oberlin	....do					.25						T.		.06								.26	.11			.13				.07			0.88
Oketo	Blue						.01	.38				.12			.35					T.	T.			T.	.06					T.			0.92
Olathe	Kansas		T.					.35	.50	T.			.69		.63	.46							T.		T.					T.			2.63
Osage City	Marias de Cygnes		.18			.65		.55		.15		.70		T.	.18		T.														T.		2.41
Ottawa	....do						.01		1.50	.05		.75		.16	.01									T.									2.48
Phillipsburg	Solomon			T.			.20	.27				.12			.39						T.	T.											0.98
Plesanton	Marias de Cygnes	1.00		.28	.15				.85		.15		.42			.15			.07					.04	.03								3.14
Russell	Smoky Hill			.08			.63	T.					.88										T.										1.59
Russell Springs	....do					.24			.10			.50		.05								.55											1.44
Saint Francis	Republican					T.								T.								T.	.14							.54			0.68
Salina	Smoky Hill						.28		.01			.50	.33											T.						T.			1.12
Scott	White Woman	.47						.04				T.	.60										1.01										2.12
Smith Center	Solomon													1.18								.28								.08			1.54
Topeka	Kansas		.02				.02	.38		T.		1.74			.57			T.					.05				.01			.01			2.80
Valley Falls	....do		.23					.10				.84			.80				T.				.12		.01					T.			2.10
Vinland	....do		.10					.60			T.				.69	.37		.05															1.90
Wakeeney	Smoky Hill	.08			.10		.64	.19				.41	.10										.18	T.							T.	.09	1.79
Wallace	....do	.82										.01	T.								.18		.35						T.	T.	.08		1.44
Wamego	Kansas		1.25			.35	1.40					1.20			.70			T.					.25							.10			5.25
Missouri.																																	
Amoret	Osage		.64	.22	T.				1.02		.29	T.	.60			.25			T.					T.	.40								3.42
Appleton City	....do	.05	.80	.36					1.96		.05					.30			.12				.43	.05									4.12
Arlington	Gasconade		.30	.70	.50						2.10	.38	1.88			.82	1.84		T.							T.							8.52
Arthur	Osage		.81	.82	T.						.07		.30						.48				T.	.11									2.59
Avalon	Grand		.35							.55	.55				.28	3.00																	4.73
Bagnell	Osage		.20	.10	.20						1.20	.90				.88	.90		.20					.10		.20							4.88
Bethany	Grand		.14							.50								.97															1.61
Bolivar	Osage	.35	.20	.13	.02								.08			.55	.38		.04					2.00								1.22	4.97
Boonville	Missouri			.20	.06						1.74					1.76								.14	.30						T.			4.20
Brunswick	Grand			.18				.06			1.58					3.85									.10		.38							6.15
Clinton	Osage		1.83	.90	.05						.63	T.				.75			.13					.93	.05									5.27
Columbia	Missouri	T.	.12	T.						.66	.76	.06			.73	1.67		1.13						T.	.12	T.	T.			T.	T.			5.25
Conception	....do		T.				T.								.16								.04		T.	T.	T.			T.				0.20
El Dorado Springs	Osage		.36	1.31	.20							T.	T.			.29								.80										2.96
Fairport	Grand		.30							.32					.15													T.						0.77
Fayette	Missouri		.28							.50	1.40					3.00		.50						T.	.30	T.				T.				6.58
Fulton	....do		.33								1.31				.33	2.21		1.03									.44							5.65
Glasgow	....do										1.44	.02				3.20									.01									4.67
Grant City	Grand			T.			T.	T.		T.	T.	T.	T.		.23	T.							T.	T.	T.	.33	T.			T.				0.56
Harrisonville	Osage			T.					.32		.68	T.	.08		T.	.34			T.					.23	.10	T.					T.			1.75
Hazelhurst	Grand		.40							.60	.10	T.			.53	1.94							T.			.03								3.60
Hermann	Missouri		.04	1.12	.86						.94	.22	.02			.90	1.00		.98						.02	.02	1.08	1.42			T.			8.62
Houston	Gasconade	.15	T.	.80	.36		T.			.15	.60	.20	.55		1.00	T.	2.13		.35					.34							2.00			8.63
Huntsville	Charlton																																
Jefferson City	Missouri	.11	.27	.30							3.00	.35	.10			1.55	1.10		.20						.01	.01								7.00
Kansas City	....do		.32					.08		.19	.01	.63			1.23			.46					.02		.05									2.99
Kidder	Grand			.55							.38		.08		.02	.57																		1.60
Lamonte	Missouri		.04	.15						.34	1.04					2.06		.13	.93				T.	.05	.10					T.				4.84
Lebanon	Osage					.35					.80	1.30				.85	.68							.85						.48				5.31
Lexington	Missouri			.15							.96					3.15			.02					.01										4.29
Liberty	....do								T.	.29	.30		.61		.62	2.90																		4.72
Lockwood	Osage	.20	.60	1.13										T.		T.	.65		.70					.77								1.22		5.27
Marshall	Missouri		.25	.03						.30	2.53				.14	5.10		T.							.24		T.			T.				8.59
Marshfield	Osage		.61	.47							.25	.12	.35	.10			.95							1.26						.40	1.50			6.01
Maryville	Missouri							T.							.47	.15								.10	.07		.09				T.			0.88
Mount Vernon	Osage																																
Nevada	....do	.60	.61	.65					.13				.25			.14	.05						T.	.51	T.								2.94
Oregon	Missouri		.06				T.	.03		T.		T.			.18								T.	.20									0.47
Osceola	Osage		.30			.55			.02							1.27							.85	.15	.05								3.19
Pattonsburg	Grand			.18							.55		.01			.90								T.			.25							1.89
Rolla	Gasconade		.11	.02	.07						2.78	.03	.49	.01		.88	.05		.22						.15						T.		4.81
St. Charles	Missouri		.76	.07	.92	.05	.06				.46		.66		T.	1.41		.17							.06		2.03			.62			7.27
St. Joseph	....do		.08				T.	.09		.02		.03			.11			T.					T.							T.			0.33
St. Louis	Mississippi	.01	.54	.55		.44	.07			.04	.09	.02				.51	.02								.04	.34	.57			.97			4.21
Sublett	Charitan		.75												2.50											2.50	2.50			2.60			10.85
Trenton	Grand		.58							.97		T.			1.54								.02			.03	T.						3.14
Unionville	Charitan			.40	T.						.36		T.			.90	T.					T.		T.			1.90	.10	T.	.90			4.56
Warrensburg	Missouri		.11	.10					T.	T.	.91	T.				1.97			.03				T.	.87	.06					T.			4.05
Warrenton	....do			.41	.85	.01					.83	.05	.04	.05		.98	.20		.28								1.42	1.28		.04			6.44
Warsaw	Osage	.18	.76	.42	.13						.73	T.				1.76			.18				T.	.38	.09						T.		4.63
Wheatland	....do	.41	.10	.40							.05	.15				.85																	1.96

TABLE 3.—*Maximum and minimum temperatures at selected stations, July, 1910. District No. 6, Missouri Valley.*

Date.	Wyoming.																Montana.											
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewiston.		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	.....	.....	83	50	.....	.....	86	50	90	58	89	57	83	56	78	44	88	50	83	50	79	60	74	50	84	49	88	63
2	.....	.....	76	46	.....	.....	90	49	85	58	92	57	90	62	81	43	102	56	84	52	86	61	79	50	82	50	92	56
3	.....	.....	87	51	.....	.....	89	50	90	65	88	56	100	65	80	49	81	49	87	54	91	61	86	52	94	50	90	62
4	.....	.....	87	59	.....	.....	80	57	95	65	84	63	86	58	72	49	83	56	85	60	72	57	67	53	86	50	100	67
5	.....	.....	78	51	.....	.....	76	52	95	64	86	58	76	48	67	46	91	51	86	64	80	52	74	51	76	46	82	57
6	.....	.....	84	44	.....	.....	84	42	90	50	83	50	86	42	74	40	88	50	90	66	82	52	82	51	81	45	83	53
7	.....	.....	86	56	.....	.....	89	44	90	65	88	53	86	48	80	49	80	49	88	64	79	55	78	61	76	49	80	60
8	.....	.....	86	53	.....	.....	86	54	88	60	92	50	78	50	70	48	78	56	86	60	70	53	70	45	67	45	82	53
9	.....	.....	59	46	.....	.....	68	47	83	60	86	46	72	45	69	40	89	42	89	56	77	51	73	41	72	37	70	46
10	.....	.....	76	43	.....	.....	84	42	80	45	91	48	83	40	78	39	76	43	88	40	68	50	74	50	75	43	75	47
11	.....	.....	68	52	.....	.....	74	48	70	50	81	48	72	47	72	45	88	52	87	41	72	47	76	50	78	45	67	45
12	.....	.....	77	50	.....	.....	81	45	85	54	88	53	86	42	79	43	98	45	89	37	89	50	81	51	93	49	73	50
13	.....	.....	86	54	.....	.....	91	46	92	56	92	60	92	50	83	44	106	52	87	40	96	60	93	55	89	42	97	59
14	.....	.....	93	55	.....	.....	94	50	102	65	98	62	102	52	87	52	94	52	89	58	100	57	90	59	97	55	103	70
15	.....	.....	92	60	.....	.....	89	70	102	72	91	65	90	56	79	54	95	59	94	68	92	67	86	66	87	64	94	56
16	.....	.....	88	61	.....	.....	89	60	96	65	88	64	89	59	85	46	103	55	91	70	96	54	92	56	92	49	96	67
17	.....	.....	89	55	.....	.....	88	61	95	60	95	59	94	56	85	58	94	66	90	60	102	70	93	61	98	68	102	72
18	.....	.....	89	58	.....	.....	93	59	102	70	93	61	94	61	80	55	93	61	88	56	90	64	84	65	82	58	94	57
19	.....	.....	90	62	.....	.....	89	58	94	64	97	60	94	65	75	52	96	59	88	54	95	61	90	63	93	53	95	61
20	.....	.....	86	58	.....	.....	88	56	95	60	99	62	91	62	80	55	94	56	86	48	90	52	79	58	88	49	97	55
21	.....	.....	84	58	.....	.....	91	57	94	62	88	60	90	64	76	52	100	59	87	48	88	66	88	58	84	55	92	71
22	.....	.....	90	60	.....	.....	90	51	96	65	91	51	97	54	78	50	88	54	85	40	92	58	81	57	87	53	87	57
23	.....	.....	87	58	.....	.....	86	45	85	58	87	57	86	47	74	43	96	54	87	39	79	56	79	52	84	55	92	52
24	.....	.....	89	50	.....	.....	92	46	87	60	92	51	96	45	81	47	92	45	88	46	93	48	89	54	90	43	78	47
25	.....	.....	91	59	.....	.....	94	54	92	64	96	55	87	58	84	46	99	58	83	48	85	47	89	54	86	42	90	62
26	.....	.....	95	62	.....	.....	89	54	97	54	94	60	91	61	80	48	83	50	85	45	92	54	90	56	80	47	92	55
27	.....	.....	86	61	.....	.....	86	57	96	75	94	54	80	57	80	49	82	54	86	47	82	44	84	48	83	42	94	51
28	.....	.....	79	57	.....	.....	81	62	78	60	78	60	85	51	79	51	88	52	85	49	78	48	78	53	73	41	80	53
29	.....	.....	73	58	.....	.....	78	59	80	55	82	57	76	47	74	50	96	60	81	44	81	49	82	58	80	50	80	52
30	.....	.....	80	55	.....	.....	82	49	87	58	83	54	87	52	78	50	98	52	80	40	88	54	90	52	82	45	82	60
31	.....	.....	84	55	.....	.....	90	50	96	58	97	55	95	51	80	50	96	52	82	44	96	55	91	58	94	54	93	52
Mns	.....	.....	83.8	54.7	.....	.....	86.0	52.4	90.5	60.5	89.8	56.3	87.5	53.0	78.[illegible]	48.0	91.5	53.2	86.6	51.2	85.8	55.3	82.6	54.5	84.3	49.1	87.7	57.0

Date.	Montana.				North Dakota.										South Dakota.													
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		Jamestown.		Williston.		Aberdeen.§§		Chamberlain.		Huron.		Kadoka.		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	88	64	89	56	79	61	82	64	81	57	75	62	80	60	93	64	92	68	90	65	91	59	86	59	92	68	83	58
2	92	62	90	61	91	56	86	56	87	57	79	53	88	62	86	61	82	64	82	65	89	61	83	60	82	67	82	58
3	102	70	98	69	94	61	89	61	89	59	84	60	91	66	89	55	90	72	85	58	88	59	93	52	88	61	89	62
4	84	71	92	68	97	68	94	62	94	59	83	52	88	66	91	54	92	69	85	54	100	67	101	66	99	65	97	66
5	80	56	82	58	80	59	84	59	86	58	81	67	76	59	94	57	92	60	92	62	89	63	95	60	90	64	81	60
6	90	57	87	53	90	49	89	50	86	49	81	51	88	53	93	51	90	62	88	55	89	53	91	50	91	57	89	57
7	85	62	83	58	89	49	90	59	86	51	80	55	81	59	94	58	90	62	85	56	96	60	89	57	95	68	89	60
8	76	56	69	53	80	50	80	54	77	53	76	49	70	52	85	58	96	65	83	59	91	60	83	55	89	60	82	53
9	74	52	75	48	76	45	73	48	71	45	75	40	73	45	78	55	84	56	77	56	75	53	74	49	75	58	70	53
10	88	51	68	47	76	41	78	49	76	46	72	41	64	46	84	45	84	52	84	50	84	60	84	45	86	52	82	54
11	78	52	74	49	74	49	66	52	67	50	71	48	69	51	68	46	73	62	66	57	72	54	70	47	74	58	69	50
12	90	55	86	45	83	41	79	46	79	41	78	44	78	45	80	48	80	60	78	46	80	46	80	47	78	50	80	46
13	98	60	98	54	.....	.....	88	58	93	51	75	44	92	54	80	52	92	60	85	55	95	65	91	58	94	65	93	59
14	108	64	106	58	107	60	104	59	103	61	90	48	102	60	91	55	89	56	87	59	101	60	106	60	97	60	99	66
15	99	76	103	64	103	53	107	68	107	79	104	60	99	63	100	56	95	63	91	60	103	62	106	66	102	65	101	68
16	96	72	94	60	95	64	95	72	94	70	94	63	89	63	102	65	99	63	100	64	99	65	95	66	98	71	88	70
17	100	64	95	57	93	51	89	65	88	61	84	55	88	56	85	68	87	58	78	61	92	60	88	60	87	64	92	62
18	98	76	97	74	99	64	94	61	95	64	85	48	90	64	90	52	89	56	84	54	99	63	95	62	95	65	98	64
19	96	71	98	55	91	58	85	66	85	62	85	64	88	52	91	60	92	65	88	62	93	67	89	66	91	65	87	61
20	94	67	93	55	.....	.....	94	55	88	59	82	51	88	59	98	61	90	67	90	69	97	67	97	61	95	71	91	66
21	94	70	89	61	91	57	83	57	82	54	81	50	88	54	85	67	88	66	86	61	85	64	78	61	82	66	79	67
22	103	61	100	61	94	52	90	54	91	56	94	48	94	64	96	52	85	62	84	62	82	61	89	58	86	60	87	59
23	84	51	72	54	84	57	81	61	87	53	88	65	72	58	89	60	89	70	89	68	91	67	84	61	90	68	87	61
24	98	54	92	49	90	46	88	59	87	48	95	50	86	54	91	60	92	64	89	58	97	57	96	56	95	66	94	57
25	89	68	90	60	81	54	83	60	83	53	89	55	78	54	92	50	94	68	91	59	98	70	85	61	97	70	89	61
26	98	64	96	52	89	42	90	46	88	49	83	61	88	47	87	50	90	62	89	53	98	57	89	56	91	61	93	58
27	84	62	84	59	81	59	90	59	83	49	95	46	78	57	77	52	88	67	79	62	91	70	88	71	86	70	85	71
28	89	58	83	48	85	40	90	47	85	44	89	46	79	48	87	62	90	58	88	56	87	65	87	49	89	65	73	62
29	86	56	84	48	82	43	80	53	78	49	85	47	79	48	84	54	88	59	85	55	87	56	81	54	86	65	80	61
30	95	64	94	56	85	40	78	48	78	52	77	45	85	46	82	50	88	55	84	52	90	60	82	51	82	61	85	57
31	100	58	89	54	90	55	87	59	86	51	84	59	84	52	100	49	96	60	96	58	100	62	91	53	97	62	86	60
Mns	91.5	62.1	88.7	56.3	87.9[b]	52.6[b]	86.6	57.0	85.8	54.5	83.4	52.5	83.6	55.4	88.3	55.5	89.0	62.3	85.7	58.4	91.3	61.1	88.6	57.3	89.6	63.5	86.5	60.2

TABLE 3.—*Maximum and minimum temperatures at selected stations, July, 1910. 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...	94	64	90	62	94	68	86	54	91	61	91	64	87	60	90	64	85	56	90	62	93	62	86	60	96	63	93	70
2...	94	61	82	63	88	64	83	54	87	54	94	64	81	51	90	62	80	52	87	62	92	65	82	58	90	61	93	66
3...	90	53	82	55	87	65	92	55	92	65	89	63	85	54	84	64	85	48	86	61	87	64	84	58	86	65	86	69
4...	90	62	85	51	89	57	94	62	98	69	94	56	94	58	90	60	94	58	90	57	91	60	95	61	91	57	88	64
5...	92	57	94	66	63	63	84	55	93	57	100	65	87	55	92	66	86	57	92	65	92	67	93	64	93	66	89	69
6...	84	65	85	56	85	60	91	55	94	56	90	63	82	47	84	62	97	50	86	66	88	65	87	55	84	58	84	71
7...	86	61	85	59	80	60	92	59	94	66	89	58	95	48	82	62	95	48	85	53	72	57	92	61	80	55	78	64
8...	84	58	84	58	91	63	92	62	95	61	88	58	87	51	91	56	91	48	87	57	92	57	95	57	88	56	92	63
9...	89	60	76	56	73	69	70	51	88	59	80	65	72	53	75	65	84	52	76	66	77	61	74	55	72	57	77	64
10...	92	62	81	50	82	55	82	51	87	61	89	49	82	40	86	53	83	48	81	53	85	56	84	47	82	51	84	59
11...	89	60	78	53	75	55	75	57	84	60	85	60	72	56	75	60	78	48	76	58	83	62	73	55	74	58	82	66
12...	80	52	79	46	77	51	83	57	81	54	80	62	79	48	76	56	78	40	75	58	78	58	78	48	78	50	78	60
13...	91	60	80	51	84	57	88	57	99	61	90	61	90	54	84	56	85	59	82	54	85	54	94	61	85	54	85	62
14...	92	62	89	59	84	63	96	60	97	66	95	64	95	48	94	66	98	52	89	54	90	67	97	59	85	60	85	69
15...	93	65	94	59	88	62	97	59	98	61	92	65	97	47	88	66	99	63	88	68	90	66	95	57	88	62	88	67
16...	95	68	98	65	98	68	96	64	98	67	94	63	96	55	95	60	97	53	90	64	96	66	96	55	96	61	97	72
17...	89	60	85	51	82	66	92	65	98	68	99	63	92	57	93	75	95	57	95	69	96	73	95	65	87	68	89	73
18...	82	59	91	61	84	57	95	63	96	67	85	65	94	75	84	61	95	62	83	65	83	62	88	64	85	57	83	64
19...	83	62	90	64	86	64	94	66	97	67	84	60	92	62	82	57	90	64	78	56	81	58	87	60	84	56	83	64
20...	82	66	92	68	88	68	89	66	94	64	87	60	93	61	86	64	90	62	80	60	85	63	90	62	85	64	86	66
21...	82	64	84	64	89	68	92	65	98	62	95	64	90	66	95	60	81	62	92	61	96	65	87	64	94	65	95	70
22...	86	69	84	64	84	68	94	65	99	60	91	63	98	59	94	64	90	60	91	70	92	72	92	58	89	65	89	71
23...	88	67	90	68	89	66	101	64	100	67	98	68	.....	.....	93	68	90	65	95	71	95	72	91	65	88	62	94	74
24...	83	68	88	57	91	62	98	60	94	64	95	62	95	43	95	63	93	48	95	64	97	62	95	57	91	57	93	70
25...	86	68	93	55	88	62	95	63	104	63	103	65	101	56	106	71	90	60	102	70	105	68	104	63	92	60	92	69
26...	82	66	88	55	87	64	100	61	102	57	100	65	104	51	96	66	95	54	98	71	95	70	98	61	91	62	92	73
27...	78	62	77	58	85	64	93	70	103	70	103	68	96	64	98	67	86	65	102	67	106	75	105	65	103	65	104	74
28...	82	61	88	56	84	61	87	60	95	70	94	68	82	60	86	64	85	65	90	73	88	73	86	67	80	62	85	74
29...	86	62	83	52	87	66	70	60	84	64	87	70	76	62	83	68	80	56	89	71	87	68	82	62	88	64	90	71
30...	85	60	84	49	83	56	76	60	78	63	89	54	75	58	86	58	78	58	91	56	89	59	81	55	86	55	84	64
31...	90	70	94	53	92	61	85	58	90	59	89	68	90	56	85	62	91	55	91	60	94	60	92	64	92	53	92	64
Mns	87.1	62.4	86.2	57.5	86.0	62.1	89.1	59.9	93.8	62.7	91.6	62.7	88.6[a]	55.2[a]	88.3	62.8	88.5	55.6	88.1	62.6	89.7	64.0	89.6	59.5	87.2	59.6	88.1	67.6

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.....	90	59	96	64	87	61	89	67	89	60	93	64	92	62	91	64	90	63	90	69	89	72	88	74	98	64
2.....	77	59	70	65	83	61	87	65	92	55	91	63	93	61	90	67	94	61	78	69	87	68	82	66	86	67
3.....	83	59	84	62	81	61	87	65	90	59	90	65	92	60	85	65	91	59	84	67	84	66	80	70	80	61
4.....	94	64	82	60	84	53	86	57	96	58	91	61	92	60	87	66	95	60	80	67	82	68	76	65	87	60
5.....	88	58	90	61	89	57	90	66	98	61	94	68	98	64	89	63	101	64	85	66	84	66	83	67	90	62
6.....	86	54	91	61	82	60	84	63	92	55	91	65	88	64	92	68	90	60	86	68	91	71	88	72	91	66
7.....	90	66	80	52	81	53	78	58	101	65	98	62	96	66	95	64	97	66	89	66	91	69	89	72	90	58
8.....	87	61	95	56	85	56	90	61	104	60	91	66	92	64	88	64	91	60	93	66	89	68	92	73	92	60
9.....	73	52	81	63	69	60	76	61	92	62	81	64	93	63	90	70	82	67	92	65	90	66	86	68	93	64
10.....	82	50	83	54	78	50	83	58	84	59	84	56	86	62	82	64	82	55	75	65	78	65	76	67	85	60
11.....	68	51	88	54	73	56	76	61	94	59	86	59	94	62	87	61	92	59	80	68	84	65	82	68	86	57
12.....	76	47	70	60	75	49	77	53	84	58	78	62	78	62	78	65	77	60	81	63	80	66	81	71	82	60
13.....	90	62	86	49	82	50	84	58	96	60	85	56	85	57	85	60	88	58	84	58	84	64	82	68	88	51
14.....	97	57	69	53	82	53	80	63	103	58	98	64	88	60	95	65	101	69	84	68	89	64	89	71	84	56
15.....	95	60	82	63	86	62	89	65	98	60	89	73	95	72	86	72	96	66	83	67	84	73	81	71	81	64
16.....	101	58	95	66	91	61	94	66	98	57	95	68	95	64	91	69	95	61	88	66	90	71	86	70	96	63
17.....	89	66	97	70	77	63	81	65	100	62	98	69	96	70	92	72	100	63	91	67	91	66	86	71	88	66
18.....	89	64	84	57	82	53	82	60	91	65	82	62	94	67	80	65	89	68	78	61	78	64	77	61	83	53
19.....	94	66	82	52	78	56	82	62	94	62	78	59	85	60	79	59	86	56	79	56	77	62	79	60	82	50
20.....	94	67	68	54	83	60	86	66	96	62	87	60	90	62	86	60	93	59	81	57	83	66	80	64	84	56
21.....	76	63	93	66	86	61	90	67	99	65	93	70	94	69	91	67	97	64	85	60	88	68	84	67	88	60
22.....	87	58	76	65	84	62	86	67	93	60	88	72	91	72	86	70	94	65	86	66	81	70	86	70	81	65
23.....	89	62	88	65	87	66	89	70	105	66	106	73	102	63	102	74	107	68	87	73	96	72	87	73	92	67
24.....	92	53	97	65	85	57	90	64	96	65	97	74	96	68	96	78	99	68	91	74	93	80	90	75	97	71
25.....	98	70	72	60	84	55	85	63	103	65	105	73	106	76	104	75	105	68	96	72	101	77	94	66	97	60
26.....	92	64	95	61	86	60	90	64	103	64	100	77	111	77	105	78	106	71	87	69	103	76	80	66	88	62
27.....	92	66	101	71	81	60	88	63	105	69	103	78	108	75	102	81	106	72	95	75	101	81	94	72	96	67
28.....	85	62	97	72	85	59	81	65	96	65	98	79	109	78	105	76	97	69	95	75	101	78	93	74	94	70
29.....	88	65	91	68	86	57	88	66	85	63	90	69	85	69	89	74	84	66	87	70	89	75	85	70	90	66
30.....	86	59	91	57	80	54	81	57	83	64	83	62	91	63	88	72	86	60	86	65	87	73	84	73	86	60
31.....	94	60	91	55	80	54	91	60	90	67	91	70	97	72	89	67	90	67	86	61	88	67	84	67	88	56
Means.....	87.8	60.1	86.0	60.7	82.3	57.4	85.2	62.8	95.2	61.6	91.4	66.5	93.9	65.9	90.5	68.3	93.6	63.6	85.9	66.4	88.2	69.8	84.6	69.1	88.5	61.0