CLIMATOLOGICAL DATA FOR AUGUST, 1913.

DISTRICT NO. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

The chief characteristic of August, 1913, was the excessive heat and the continued drought that prevailed over practically all the southern half of the drainage area. The month will long be remembered as one of the most disastrous from an agricultural standpoint ever experienced. At some places in the lower part of the district the drought, which began in April, remained unbroken at the end of the month. The hot, dry area embraced Missouri, Iowa, Kansas, and Nebraska, and the rainfall in August, as well as in the three preceding months, was mostly local. At some places it was quite heavy, but almost without exception it came in sudden downpours, which were not absorbed, as they ran off too rapidly. Rarely, if ever, has there been as much sunshine in any one month as there was in August, 1913. Out of 46 stations in Missouri, 22 of them had no cloudy days and 7 had only one. Of the 36 reporting stations in Iowa, 10 had no cloudy days and 5 had only one. Of the 109 stations in Nebraska, 42 had no cloudy days and 23 had only one. Fifty-seven stations reported from Kansas; 45 of them had no cloudy days, and 8 of them had only one day that was cloudy. This lack of cloudiness, naturally, was attended by rapid evaporation, and on several days by hot, dry winds. There were not many unprecedentedly high thermometer readings, but the days upon which the temperature was as low as the normal were few; this resulted in the highest August mean of record in western Iowa, practically all of Missouri, and Kansas, and in parts of Nebraska. Stock suffered owing to the drying up of pastures, and in places it had to be fed almost the full winter rations. A shortage of water existed in many localities and in some instances long hauls had to be made. Wells and streams that were never known to fail before dried up this year. No plowing could be done in the driest sections, and country roads were deep in dust at the end of the month. Numerous fires were reported, being due to the extremely dry condition of vegetation. In the dry, hot area the summer of 1901, probably, is the only one that can be compared with the summer of 1913, and the latter doubtless was the more harmful on account of the dry weather beginning so early in the season.

In the Dakotas and the mountain and foothill States there were sections with more than the normal amount of rainfall, but in large areas crops suffered for lack of moisture. However, in these States there were copious rains earlier in the summer.

TEMPERATURE.

In parts of Montana the mean temperature for the month was below the normal, but in the greater part of the State and in all of the remainder of the drainage area it was above the normal. The excesses increased gradually from the foothills to the mouth of the Missouri River, and the average daily excess amounted to as much as 10° at some of the hottest stations. In every State in the district temperatures of 100° or higher occurred, and at numerous points in the lower third of the drainage area the 100° mark was reached or exceeded on as many as 20 days. A few stations had a record of 20 consecutive days with a temperature as high as 100°. The hottest days were not in any well-defined period, but they were mostly in the first half of the month. Clay Center, Kans., had a reading of 113° on the 4th, which is the highest August temperature of record in Kansas. The cool periods were few and of very short duration; they were mostly in the last decade of the month.

PRECIPITATION.

The precipitation was below the normal, except in Montana and North Dakota. The greatest deficiency was in that part of the drainage area lying below Sioux City, Iowa. In much of the territory south of the Platte River and in Missouri and southwestern Iowa the total precipitation was only one-fourth to one-eighth of the normal amount. At no station in that part of the drainage area lying directly east of the Colorado line was the rainfall equal to the normal amount, and there were several stations at which there was not a measurable amount. There was no period of general rain, and almost all the precipitation occurred in the form of local showers, which were widely scattered through the month, as well as geographically, but most of them occurred in the 5 or 6 days immediately following the 15th.

RIVERS.

All streams were abnormally low throughout the month, and some of the very small ones dried up completely. While the Missouri River was quite low the stages were at no point unprecedented.

The following are special remarks made by the section directors in the States in the region of the hot, dry weather:

Nebraska.—The unusually high temperature continued throughout August. The maximum temperature was 100° or over 10 to 20 days of the month in the southern counties, and the monthly maximum exceeded 100°, except at a few northwestern stations. In parts of the State the mean temperature was the highest of record for August, but the State mean was higher in 1881, and August, 1881, was at most places a hotter month.

The rainfall for the State as a whole averaged about one-half the normal. The deficiency was greatest in the southern counties, where it was little more than half an inch, or only about one-fifth the normal. In the northwestern counties the rainfall was but slightly below the normal. The continued dry and hot weather materially injured all vegetation. The water in rivers was low, but water for stock was not generally seriously affected.

Kansas.—The drought of the summer of 1913 was one of the most damaging droughts that Kansas has experienced since authentic weather records were begun

in the State. The three summer months, June, July, and August, were drier than the summer months of any other year since State-wide weather records were begun in 1887, and came within a fraction of a degree of averaging warmer than the summer months of 1901, which is the warmest summer on record in the State. At some places in the south-central part of the State, the average for these months was higher than for the corresponding months of 1901.

Prior to 1887 reliable records of precipitation were kept at comparatively few places in the State, but a study of the available records indicates that the even famous drought years of 1860 and 1864 were favored with a greater summer rainfall than that of 1913, and that, with the possible exception of the summer of 1874, the summer of 1913 stands alone as the driest the State has experienced since the early fifties, when there were only a few settlements in the State.

The following table gives a comparison of the mean temperatures and total precipitation over Kansas during June, July, and August, 1913, with those of corresponding months in 1901 and 1911, the two previous driest and warmest summers since a complete record was begun.

Data for 3 summer months of most severe droughts in Kansas since 1887.

Years.	Mean temperatures.	Average precipitation.
1901	80.5	6.85
1911	78.5	8.38
1913	80.2	4.24
Normal	76.2	11.32

The following table compares the total rainfall during June, July, and August, 1913, in Kansas, with that of the corresponding months in 1860, 1864, and 1874, the years of the three most severe droughts experienced in the State prior to the beginning of State-wide weather observations in 1887. Only stations at which weather records for the earlier years were available have been used.

Stations.	1860	1864	1874	1913
Agricultural College (Manhattan)	7.63	6.92	4.74	2.37
Dodge City			1.35	3.44
Ellinwood			4.86	5.81
Fort Riley	6.03	6.60	4.95	(1)
Hays			3.42	4.27
Independence			7.94	5.08
Larned		15.45	8.65	5.30
Lawrence			5.77	8.84
Leavenworth	9.79	3.59	9.93	5.22
Wallace			1.32	1.74

[1] No record at Fort Riley in 1913; interpolation from surrounding stations indicates about 2.50 inches.

Though the year 1913 is the fourth successive one of deficient precipitation in Kansas, weather conditions for the first five months were favorable in all parts of the State except in the south-central and southwestern portions and a few counties in the extreme west-central part, where there was considerable need of more moisture. Between the middle of June and September 10 there was no rain of consequence anywhere in the State, except in some southeastern counties and at a few scattered stations in the lower Kansas River Valley and in the northwestern portion. For the entire three months, June, July, and August, the average precipitation over the eastern division of the State was 4.42 inches, a deficiency of 8.67 inches; for the middle division, 3.81 inches, a deficiency of 7.06 inches; and for the western division of the State, 4.51 inches, a deficiency of 4.64 inches.

There was no part of the State where the drought was not felt greatly, but it was most severe in the central portion, and the ill effects of it were least felt in the east-central portion, the lower Kansas River Valley, and some northwestern counties.

In the most severe droughts of recent years, 1901 and 1911, soaking rains fell the latter part of July and the first of August, but this year the rains were delayed until September 10—too late to benefit even late corn or vegetables, and almost too late to start fall pastures or produce another cutting of alfalfa, except in a few favored localities.

Iowa.—The month will be memorable in the climatological annals of western Iowa as one of extreme heat and drought. From a little below Sioux City southward it was the warmest August in the history of the Weather Bureau, and one of the driest. The heat was almost continuous throughout the month, the slight relief that came in two or three instances having been of brief duration. All vegetation was much affected by the adverse conditions, but corn, pastures, and late potatoes probably suffered most. A shortage of water existed in many localities and in some instances long hauls had to be made. Stock suffered, owing to the drying up of pastures, and in places had to be fed almost the full winter rations. Many fires occurred on account of the extreme dryness. A large number of thrashing outfits were burned, as well as much grain, both in the stack and in the shock. On the night of the 10th a severe wind and rain storm swept across the western part of the State. While the rain was of much benefit, the wind caused some damage, corn suffering most.

Missouri.—The month was one of excessive sunshine, abnormally high temperatures, and severe drought. The mean temperature for that part of the State drained by the Missouri River was 7.6° above the normal. It was the highest mean temperature for any August in the last 26 years. The average precipitation was 0.91 inch, which was only about one-fourth the normal amount. The heat and drought increased steadily from the latter part of April, and at the end of August it had become one of the most disastrous droughts and heat waves, probably with the exception of 1901, that there is a record of. In August, 1901, the mean temperature for the State was 78.4°; in August, 1913, it was 82.8°. The rainfall was scanty. At only a few stations was there sufficient to give even temporary relief. Nearly all observers speak of the excessive heat and the acute dryness. They say that farmers can not put in wheat. While some have disked their land, it is useless to sow until rain falls. The apple crop is nearly a failure, and some timber on highlands is dying. Stock is being fed or shipped.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	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.		
Wyoming.																				
Arapahoe	Fremont	5,200	3								0.25		0.18	0	3	25	3	3	sw.	Edw. L. Seymour.
Basin	Bighorn	3,862	14	74.0	+ 1.8	101	26	40	31	54	0.11	− 0.11	0.11	0	1	29	2	0	s.	O. J. Robertson.
Big Creek Station	Carbon	7,500	2								0.67		0.39	0	5	2[r]	9[r]	2[r]		U. S. Forest Service.
Boyd	Weston	6,192		63.4		89	26	35	29	48	0.89		0.40	0	6	25	3	3	sw.	Kirk Baker.
Burns	Laramie	5,400	3	70.4		95	25	46	28	42	1.81		1.20	0	4	17	14	0	sw.	E. W. Bastian.
Casper	Natrona	5,101	4	70.8		98	26	45	1	48	0.79		0.56	0	2	23	7	1	nw.	Jos. A. Murray.
Centennial	Albany	8,074	10	61.6		83	27	42	1†	37	0.75		0.20	0	9	12	13	6	w.	Louis A. Gregory.
Cheyenne	Laramie	6,088	42	68.4	+ 2.6	90	26	46	1	38	1.43	− 0.04	0.46	0	9	8	23	0	nw.	U. S. Weather Bureau.
Chugwater	Platte	5,262	12																	A. H. Woolever.
Clark	Park	4,320	8	70.4		92	20	45	9	33	0.86		0.32	0	8	18	10	3	n.	Chas. A. C. Snow.
Cody	do	5,000	6	68.8		94	25	42	15	45	0.54		0.21	0	6	22	6	3	w.	D. A. Tinkoom.
Crandall Creek	do			55.2		87	25	27	20	55	0.83		0.44	0	8	20	4	7	sw.	Ira H. Sparhawk.
Dome Lake	Sheridan	8,821	5	55.6		81	26	34	11†	34	1.17		0.40	0	7	17	14	0	sw.	Abe Mills.
Douglas	Converse	4,793	4	70.7		97	26	44	1	45	0.47		0.21	0	3	26	1	4	nw.	Henry C. Miller.
Dubois	Fremont	6,909	6	60.0		84	25	35	16†	43	0.12		0.12	0	1	18	11	2	w.	Dr. F. H. Welty.
Eatons Ranch	Sheridan	4,600	8	70.1		93	25	42	10	44	0.70		0.70	0	1	28	2	1	n.	F. A. Eaton.
Echeta	Campbell	4,200	4								0.45		0.40	0	2	27	3	1	n.	M. R. Hunter.
Elk Mountain	Carbon		8								0.30		0.24	0	2					Wm. Richardson.
Encampment	do	7,322	4	65.8		86[i]	26	46[i]	6	36	0.37		0.25	0	3	5[i]	17[i]	0[i]	sw.	U. S. Forest Service.
Ervay	Natrona	6,400	4	65.2		91	26	32	1	50	1.06		0.88	0	4	20	10	1	sw.	Frank Jameson.
Fort Laramie	Goshen	4,270	35	74.6	+ 3.2	104	26†	37	1	51	0.91	− 0.03	0.40	0	3	27	4	0	w.	John Hunton.
Foxpark	Albany	9,015	3	54.4		78[d]	26	27[d]	1	47[d]	0.86		0.36	0	3	17[d]	5[d]	5[d]	sw.	U. S. Forest Service.
Germania	Bighorn	4,312	2	68.0		92	20	43	10	42	0.22		0.09	0	4	26	5	0	nw.	J. W. Peper.
Gillette	Campbell	4,546	7																	M. H. Shields.
Horse Creek	Fremont	8,000	1	53.0		80[a]	29	28[a]	10	48[a]	1.36		0.54	0	7	9[a]	7[a]	1[a]	w.	U. S. Forest Service.
Hunters Station	Johnson	8,000	7	57.2		86	26	34	10	39	1.15		0.65	0	5	18	8	5	w.	Do.
Hyattville	Bighorn	4,632	14	71.6	+ 3.3	100	26	46	9	45	0.00		0.00	0	0	17	4	10		Wm. Booth.
Jireh	Niobrara	5,100	3								1.53		1.38	0	6	16	15	0	n.	P. L. Ford.
Kinnear	Fremont																			John C. Hays.
Kirtley	Niobrara		9	70.6		97	26	41	22	49	0.20		0.16	0	2	24	5	2	nw.	D. M. Zum Brunnen.
Kirwin	Park	9,187	4	52.2		74[b]	25	34[b]	16	33	1.15		0.40	0	10	21[b]	8[b]	0	w.	C. L. Tewksbury.
Knowles	Crook	4,500	4								0.77		0.44	0	2	27	4	0	nw.	Geo. A. Knowles.
Lagrange	Goshen	4,720	3	73.0		99	4†	48	8	46	2.73		0.97	0	7	27	4	0	s.	Owen Shupp.
Lander	Fremont	5,372	21	69.2	+ 3.5	94	26	45	10	44	0.10	− 0.44	0.04	0	4	14	12	5	sw.	U. S. Weather Bureau.
Laramie	Albany	7,188	22	63.2	+ 1.3	88	26	40	1†	44	1.36	+ 0.26	0.43	0	8	26	5	0		University of Wyoming.
Leo	Carbon	6,878	11																	C. A. Cowdin.
Lolabama Ranch	Park	7,052	9	57.0	+ 1.4	85	25	25	8	48	0.65	− 0.52	0.40	0	4	23	6	2	w.	Mary E. Painter.
Lovell	Bighorn	3,825	7																	R. Fred Harrison.
Lusk	Niobrara	5,007	22	70.2	+ 3.5	98	24	40	28	52	0.25	− 0.82	0.25	0	1					D. E. Goddard.
Manville	do	5,050	3								0.76		0.68	0	3	21	10	0	sw.	L. C. Stoddard.
Moorcroft	Crook	4,311	9	75.8		101	26	50	15†	48	0.32		0.26	0	3				s.	C. T. McCampbell.
Moore	Albany	6,000	12	66.0	+ 1.4	93[a]	26	41[a]	1	48	1.10	− 0.29	0.70	0	2	4[a]	25[a]	1[a]	e.	Edwin Moore.
Newcastle	Weston	4,319	6	77.2		100	26	52	23	40	0.63		0.51	0	3	24	5	2	s.	Dr. S. W. Johnson.
Pathfinder	Natrona	5,735	7	70.1		92	2	44	30	38	0.31		0.22	0	3	17	14	0	sw.	U. S. Reclamation Service.
Pinebluff	Laramie	5,038	10	70.9	+ 1.9	96[k]	27	45[k]	1	46[k]	4.64	+ 2.69	3.62	0	7					C. L. Beatty.
Pine Ridge	Crook		1								1.93		1.62	0	6	11	12	8		J. E. S. Altaffer.
Powell	Park	4,376	5	69.4		94	20	40	10	40	0.24		0.13	0	3	22	3	6	nw.	U. S. Reclamation Service.
Rawlins	Carbon	6,748	11	67.7	+ 3.0	91	26	41	1	44	1.58	+ 0.93	1.18	0	4[e]	23	6	2	w.	E. J. Ehrenfeld.
Rock River	Albany	6,900		66.6		90	25†	38	1	48	0.66		0.64	0	2	20	8	3	w.	Rock Creek Conservation Co.
Rockypoint	Crook		1								0.64		0.29	0	3	20	9	2	n.	P. Woxen.
Saratoga	Carbon	6,785	15	67.8	+ 4.2	91[d]	26	39[d]	29	48[d]	0.13	− 0.84	0.10	0	3	18[d]	3[d]	6[d]	se.	R. G. Hamilton.
Seven-mile Creek	do		2	60.6		83[d]	27	41[d]	8†	33[d]	1.21		0.54	0	6	13[d]	0[d]	14[d]	se.	U. S. Forest Service.
Sheridan	Sheridan	3,790	18	68.0	+ 1.9	95	25	42	22	49	0.20	− 0.60	0.10	0	4	18	10	3	se.	U. S. Weather Bureau.
Shoshone Dam	Park	5,385	7	70.6		98	25	47	10	37	1.33		0.35	0	8	17	12	2	w.	U. S. Reclamation Service.
South Pass City	Fremont	7,796	11	61.4		82	25†	28	10	48	0.05		0.02	0	3	15	10	6	sw.	John Sherlock.
Sundance	Crook	4,750	1	69.2		94	25	42	28	43	1.25		0.80	0	4	20	11	0	w.	Geo. W. Ashdown.
Thermopolis	Hot Springs	4,350	9	71.6		100	26	45	1	49	0.30		0.14	0	4	19	12	0	sw.	A. L. Duhig.
Ulm	Sheridan	4,448	1	68.6		95[a]	2	41[a]	16	48[a]	0.64		0.41	0	5	18	13	0	nw.	W. H. Coleman.
Upton	Weston		1	71.2		99	3	44	22	47	0.22		0.11	0	2	12	18	1	nw.	Ray C. Thompson.
Verona	Sheridan	4,360	4								0.59		0.25	0	3	23	7	1	se.	O. A. Roode.
Wheatland	Platte	4,700	2	70.0		108	14	36	1	65	0.75		0.40	0	2	21	9	1	sw.	C. A. Rockwell.
Wiants Ranch	Carbon	7,400	3								1.33		1.02	0	5	3	26	2	sw.	Ira G. Wiant.
Woodrock	Sheridan	8,500	2								1.14		0.35	0	6	20	6	5	sw.	U. S. Forest Service.
Worland	Washakie	4,033	2	65.4		100[b]	26	43[c]	18	51[c]	0.30		0.11	0	6	19[b]	9[b]	1[b]	nw.	Prof. B. C. Buffum.
Wyncote	Goshen	4,186	6	71.3		97	2†	42	1	46	0.71		0.51	0	3	15	15	1	se.	U. S. Reclamation Service.
Yellowstone Park	Yellowstone Park.	6,200	25	60.7	− 0.2	83	28	40	9	39	1.58	+ 0.56	0.96	0	7	15	9	7	sw.	U. S. Weather Bureau.
Fountain	do	7,220	7	53.8		88	26	28	20†	48	0.21		0.10	0	8	23	6	2	sw.	U. S. Army.
Gallatin	do	7,400	2								0.20		0.10	0	2	19	3	9	s.	Do.
Grand Canyon	do	7,900	6	54.4		82	25	30	20†	48	0.51		0.16	0	8	19	10	2	sw.	Do.
Lake Yellowstone	do	7,733	9	57.1		94[a]	24	32	18†	46[a]	0.88		0.35	0	9	19	0	12	se.	Do.
Norris	do	7,500	9	53.2		82[a]	22	26	15†	53[a]	0.25		0.20	0	6	25	0	6	sw.	Do.
Riverside	do	6,500	7	51.4		89	26†	27	17	56	1.25		0.90	0	2	19	10	2	s.	Do.
Soda Butte	do	7,000	8	56.3		87	25	29	15	50	0.42		0.42	0	1	19	6	6	sw.	Do.
Sylvan Pass	do	7,000	6	57.0		84	25	30	10	48	1.25		0.45	0	11	25	5	1	w.	Do.
Thumb	do	7,772	7	54.4		79	25	31	15	44	0.96		0.30	0	6	22	9	0	s.	Do.
Tower Falls	do	6,250	4	58.2		86	22	30	2	52	0.82		0.36	0	10	24	6	1	w.	Do.
Upper Geyser Basin	do	7,395	9								0.85		0.23	0	8	13	17	1	w.	Do.
Montana.‡																				
Absarokee	Stillwater	4,000	3	64.1		92	29	38	15†	50	1.81		1.65	0	5	27	0	4	sw.	E. F. Bryant.
Adel	Cascade	5,200	14	63.6	+ 3.8	87	2†	33	19	48	1.67	+ 0.18	0.65	0	6	12	6	13	w.	Mrs. Bessie F. Burch.
Agricultural College	Gallatin	4,900	15	64.3	+ 1.1	89	25	37	15	40	0.90	− 0.18	0.75	0	4	17	13	1	e.	E. Burke.
Augusta	Lewis and Clark	4,071	14	61.3	+ 0.2	91	25	27	19	51	0.80	− 0.55	0.40	0	4	24	5	2	w.	C. C. Covington.
Babb	Teton	4,461	6																	U. S. Reclamation Service.
Bald Butte	Lewis and Clark	6,500	3								1.74		0.38	0	10	16	7	8		Mary L. Alderson.
Bigtimber	Sweet Grass	4,094	7	66.7		93	29	41	21	47	1.07		0.85	0	3	26	2	3	w.	F. A. Severance.
Billings	Yellowstone	3,115	17	69.2	− 0.8	99	29	42	22	54	1.41	+ 0.28	1.04	0	6	22	4	5	sw.	Dean J. Cole.
Blackleaf	Teton	4,260	5	58.2		87	1	31	10	43	1.93		0.70	0	7	14	7	10	sw.	Roy McNeal.
Boulder Nursery	Jefferson	5,200	17	60.8	− 1.6	91	25	29	15	51	1.31	+ 0.50	0.34	0	8	13	17	1		U. S. Forest Service.
Bowen	Beaverhead	6,080	6	54.5		88	25	20	19	60	0.23		0.15	0	4	20	10	1		B. B. Lawrence.
Box Elder	Hill	2,677		67.8		98	2	39	9	45	1.09		0.37	0	9	18	9	4	sw.	C. L. Herzog.
Bridger	Carbon	3,664	4	67.9		95	20	42	10†	51	0.60		0.35	0	5	11[a]	14[a]	5[a]	n.	L. E. Gard.
Broadview	Yellowstone	3,800	6																	Thos. S. Hunt.
Browning	Teton	4,440	4	59.8		85	25	30	18	48	2.25		0.85	0	5	17	13	1	nw.	U. S. Reclamation Service.
Busby	Big Horn		9	69.8		98	2	40	14	55	0.91	− 0.25	0.53	0	4	18	12	1	w.	Rev. G. A. Linscheid.

TABLE 1.—*Climatological data for August, 1913. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
***Montana*—Contd.**																				
Busteed	Stillwater	4,050	5	65.4	.....	92	24†	37	15	48	1.28	.....	0.85	0	9	17	13	1	w.	T. H. Busteed.
Canyon Ferry	Lewis and Clark	3,670	14	68.7	+ 1.8	93	23†	40	19	46	0.55	− 0.49	0.22	0	6	21	7	3	nw.	W. L. Kirk.
Cascade	Cascade	3,361	8	66.0	.....	93	2†	35	21	51	0.57	.....	0.22	0	10	13	17	1	sw.	Dr. E. E. James.
Chester	Hill	3,132	9	66.1	.....	96	2	38	19	42	2.26	.....	0.70	0	6	21	10	0	w.	C. F. Baker.
Chinook	Blaine	2,502	14	67.6	− 0.4	98	2	41	16†	47	1.42	+ 0.20	0.74	0	6	15	16	0	w.	T. O'Hanlon Co.
Clearcreek	do		7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Cortez Sedgewick.
Clydepark	Park	5,027	1	65.0	.....	94	25	35	15	52	0.77	.....	0.28	0	8	17	11	3	nw.	J. H. Eyman.
Conrad	Teton	3,501	2	64.4[d]	.....	98[h]	25	30	19	49[h]	0.38	.....	0.16	0	4	18	9	4	w.	Robert J. Kelly.
Copper	Meagher	5,680	8	.....	.....	.....	.....	.....	.....	.....	0.67	.....	0.30	0	7	24	5	2	w.	Orville Harris.
Crow Agency	Big Horn	3,041	30	69.8[i]	+ 0.5	94[d]	25	46[q]	28	44[q]	1.04	+ 0.04	0.60	0	5	21	9	1	.....	Harry Throssell.
Culbertson	Sheridan	1,927	10	69.4	+ 0.6	98	2†	43	28†	46	2.80	+ 1.28	0.65	0	12	13	15	3	w.	G. H. Coulter.
Cut Bank	Teton	3,745	14	64.5[e]	+ 3.9	90[e]	1†	36[e]	16	50[e]	1.05	− 0.12	0.65	0	3	20[e]	5[e]	1[e]	w.	Chas. N. Thomas.
Denton	Fergus	3,500	4	68.6	.....	95	2	41	15	43	0.45	.....	0.18	0	8	22	6	3	nw.	P. J. Griesenauer.
Dillon	Beaverhead	5,143	15	60.4	− 2.2	89	25	32	15†	50	1.79	+ 0.28	0.62	0	8	21	5	5	sw.	Prof. J. E. Monroe.
Dry Wolf Camp	Cascade	6,000	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Harriet R. Eveleth.
Dunkirk	Hill	3,450	1	.....	.....	.....	.....	.....	.....	.....	2.43	.....	0.69	0	8	22	6	3	w.	B. C. Protzman.
Ekalaka	Custer	.....	12	71.2	+ 2.8	99	14	40	28	46	1.07	− 0.65	0.42	0	5	24	3	4	e.	William Freese.
Fallon	do	2,208	8	72.0	.....	99	2†	45	28	49	4.24	.....	2.50	0	4	17	13	1	w.	Mrs. A. C. Gifford.
Findon	Meagher	6,000	1	62.0	.....	87	25	36	10	40	0.89	.....	0.44	0	9	23	7	1	w.	Lewis Cameron, sr.
Flathead Creek	Yellowstone	6,000	2	57.4	.....	83	2	31	10	43	0.58	.....	0.28	0	3	14	14	3	w.	Alta Williams.
Flatwillow	Fergus	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.86	.....	0.46	0	7	20	8	3	s.	W. Johnson.
Forsyth	Rosebud	2,514	6	73.0	.....	100	2†	43	15	54	1.24	.....	0.55	0	4	17	11	3	w.	H. Mackenzie.
Fort Benton	Chouteau	2,630	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jere Sullivan.
Fort Shaw	Cascade	3,500	24	66.8	+ 2.2	92	23	38	19	43	0.54	− 0.43	0.24	0	5	17	4	10	sw.	U. S. Reclamation Service.
Foster	Big Horn	2,800	3	69.6	.....	97	2	42	23	51	1.16	.....	1.03	0	3	26	3	2	ne.	E. K. Bowman.
Garneill	Fergus	5,500	4	60.0	.....	86	25	32	14	39	1.59	.....	0.75	0	8	5	19	7	sw.	Thos. E. Scally.
Geyser	Cascade	4,147	.....	67.8	.....	91	2	40	10	40	0.37	.....	0.20	0	6	19	12	0	w.	I. G. Finfrock.
Glasgow	Valley	2,092	16	69.1	− 0.6	98	2†	37	27	47	1.11	+ 0.13	0.54	0	6	18	5	8	nw.	C. D. Bauer.
Glendive	Dawson	2,069	22	72.6	+ 1.0	100	14	44	29	45	2.22	+ 0.94	0.90	0	6	18	12	1	nw.	E. C. Leonard.
Goldbutte	Hill	3,500	5	64.6	.....	91	1†	38	15†	9	2.67	.....	1.28	0	9	17	10	4	w.	Joseph Berthelote.
Graham	Custer	.....	7	70.2	.....	96	2†	40	29†	52	1.07	.....	0.62	0	3	25	5	1	nw.	J. S. Rue.
Great Falls	Cascade	3,350	21	69.4	+ 2.5	96	2	40	19	42	1.11	0.00	0.41	0	6	19	12	0	sw.	S. H. Bauman.
Harlowton	Meagher	4,160	5	62.4	.....	94	25	34	11†	59	0.54	.....	0.27	0	4	9	9	13	e.	Joseph Muir.
Havre	Hill	2,505	33	66.9	0.0	95	2	40	16	44	0.74	− 0.52	0.35	0	8	17	7	7	e.	U. S. Weather Bureau.
Hebgen Dam	Gallatin	6,700	7	59.6	.....	85	22†	34	15	43	0.79	− 0.37	0.52	0	4	11	13	7	s.	T. L. Carson.
Helena	Lewis and Clark	4,110	33	67.9	+ 1.8	91	23	43	19	37	0.60	− 0.09	0.28	0	6	10	15	6	sw.	U. S. Weather Bureau.
Highwood	Chouteau	4,300	6	.....	.....	.....	.....	.....	.....	.....	1.83	.....	0.80	0	9	17	8	6	sw.	W. S. McCord.
Huntley	Yellowstone	3,037	7	69.7	.....	97	3	45	21†	44	1.26	.....	1.11	0	2	25	5	1	w.	U. S. Reclamation Service.
Jordan	Dawson	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. C. Henderson.
Knobles Ranch	Hill	.....	2	.....	.....	.....	.....	.....	.....	.....	3.85	.....	1.50	0	11	22	5	4	w.	F. H. Knoble.
Lewistown	Fergus	4,006	15	61.8	− 1.5	93	2	34	15	48	1.12	− 0.39	0.47	0	6	17[a]	5[a]	8[a]	w.	W. W. Watson.
Lonetree	Chouteau	3,280	7	70.8	.....	98	2	44	19	42	0.66	.....	0.20	0	5	26	2	3	w.	E. Wilson.
Lothair	Hill	3,301	1	63.4	.....	96	2	37	11†	50	2.10	.....	0.95	0	5	20	6	5	w.	James H. Whiteley.
Lytle	Chouteau	.....	1	66.4	.....	97	2	38	9	42	2.09	.....	0.90	0	9	25	3	3	sw.	J. F. Falt.
Malta	Valley	2,250	6	67.2	.....	98	2	38	31	52	1.67	.....	0.55	0	8	19	11	1	nw.	U. S. Reclamation Service.
Medicine Lake	Sheridan	1,969	2	65.5	.....	94	1†	41	28	47	1.14	.....	0.60	0	6	18[a]	12[a]	0[a]	nw.	J. S. Collier.
Melstone	Musselshell	2,903	1	71.6	.....	99	3†	43	15	45	0.58	.....	0.41	0	4	22	7	2	sw.	C. W. Greening.
Mildred	Custer	2,364	4	.....	.....	.....	.....	.....	.....	.....	4.23	.....	2.66	0	5	21	9	1	nw.	Leon B. Clark.
Miles City	do	2,371	21	74.4	+ 2.9	100	2	51	29	43	2.24	+ 1.21	1.00	0	9	20	10	1	ne.	U. S. Weather Bureau.
Norris	Madison	4,845	6	68.7	.....	94	26	44	10†	41	0.27	.....	0.15	0	4	15	8	8	s.	Montana Power Co.
Olsen Creek	Jefferson	6,345	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Robert Olsen.
Pinegrove	Musselshell	.....	1	60.4	.....	81	2	32	15†	40	0.85	.....	0.35	0	7	15	13	3	w.	G. W. White.
Pipestone Pass	Jefferson	7,000	4	.....	.....	.....	.....	.....	.....	.....	1.17	.....	1.01	0	5	18	11	2	w.	Mrs. T. Kiermeyer.
Plevna	Custer	2,757	1	70.6	.....	99	14	41	28	49	1.54	.....	0.62	0	7	21	7	3	nw.	C. C. Conser.
Poplar	Sheridan	2,020	27	70.0	+ 0.5	102	2	41	30	49	2.14	+ 1.05	0.71	0	5	18	8	5	se.	H. M. Cosler.
Red Lodge	Carbon	5,548	13	61.0	− 1.1	86	20	35	10	44	1.06	0.00	0.60	0	8	17	7	7	ne.	I. A. Draper.
Renova	Jefferson	4,360	14	64.4	− 0.7	92	24†	34	15	49	0.54	− 0.25	0.31	0	4	21	8	2	sw.	F. B. Elmer.
Ryegate	Musselshell	3,640	3	67.0	.....	95	25	39	21	52	0.58	.....	0.50	0	2	.....	.....	.....	.....	H. W. Scherfenberg.
Savage	Dawson	1,985	7	70.5	.....	100	14	44	29	49	1.36	.....	0.57	0	5	20	10	1	e.	U. S. Reclamation Service.
Shelby	Teton	3,176	1	64.9	.....	96	2	39	16	48	3.31	.....	0.73	0	8	17	7	7	sw.	Olaf C. Fjeld.
Sidney	Dawson	.....	2	69.4	.....	95	14	43	23	45	2.27	.....	0.73	0	7	13	9	9	nw.	P. F. Blake.
Springbrook	do	.....	11	70.0	+ 1.6	100	2†	41	15	50	2.56	+ 0.05	0.97	0	8	18	12	1	se.	Mrs. H. I. Miller.
Sunlit Farm	Blaine	3,170	1	64.0	.....	92	2	37	28	46	1.51	.....	0.63	0	10	20	8	3	nw.	C. R. Noyes.
Sun River Canyon	Teton	4,650	1	63.4	.....	93	25	39	17	43	0.97	.....	0.62	0	4	.....	.....	.....	.....	U. S. Reclamation Service.
Three Forks	Gallatin	4,066	2	67.0	.....	94	24	38	15	47	0.37	.....	0.14	0	5	22	5	4	sw.	C. E. Adams.
Utica	Fergus	5,000	18	65.0	− 0.2	91	24	35	15	44	0.59	− 0.67	0.30	0	3	23	8	0	w.	P. W. Korell.
Valentine	do	2,800	6	68.2	.....	96	2	39	15	44	1.13	.....	0.45	0	6	22	5	4	w.	B. M. Bean.
Valier	Teton	.....	1	64.0	.....	89	1†	39	16	39	1.88	.....	0.74	0	6	17	11	3	w.	Ford, Bacon, & Davis.
Wall Rock Mountain	Broadwater	5,600	4	.....	.....	.....	.....	.....	.....	.....	1.08	.....	0.48	0	5	17	13	1	nw.	D. L. Doig.
Wheaton	Musselshell	.....	1	70.0	.....	93	2	40	15	43	1.38	.....	0.38	0	8	13	14	4	w.	P. O. Balgord.
Whites Ranch	Custer	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Glen A. White.
White Sulphur Springs	Meagher	5,280	1	63.2	.....	87	2†	35	15	41	0.70	.....	0.19	0	7	8	20	3	.....	P. R. Wild.
Wilder	Fergus	.....	2	68.6	.....	100	2	38	16	50	0.41	.....	0.20	0	4	20	4	7	w.	J. O. Rogers.
Wolf Creek	Lewis and Clark	3,460	9	67.6	.....	94	23†	41	19	47	0.94	− 0.19	0.34	0	9	7	18	6	w.	A. J. Reed.
North Dakota.																				
Aplin	Oliver	.....	6	70.8	.....	102	4	44	22	49	1.87	.....	0.95	0	7	17	9	5	se.	J. B. Hagelbarger.
Arnegard	McKenzie	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. B. Waterman.
Ashley	McIntosh	2,001	16	67.8[d]	+ 1.7	97[d]	14	40[d]	22†	44[d]	1.74	− 0.59	1.32	0	3	.....	.....	.....	se.	R. C. Miles.
Beach	Golden Valley	2,576	7	69.0	.....	97	14	39	28	45	2.63	.....	0.85	0	8	21	8	2	se.	D. J. Steiner.
Belfield	Stark	2,583	2	.....	.....	.....	.....	.....	.....	.....	3.16	.....	1.40	0	4	19	4	8	w.	E. W. Russell.
Berthold Agency	McLean	2,082	19	69.8	+ 1.7	102[a]	14	40[a]	26†	52[a]	2.58	+ 0.85	1.20	0	6	20	10	1	nw.	C. L. Hall.
Bismarck	Burleigh	1,674	39	71.2	+ 3.1	99	14	44	22	43	0.77	− 1.21	0.37	0	8	17	10	4	e.	U. S. Weather Bureau.
Buford	Williams	1,944	34	69.5	+ 2.6	98	2	41	22	44	3.00	+ 1.68	0.92	0	7	10	11	10	nw.	C. H. McCune.
Carson	Morton	.....	1	68.9	.....	100	14	34	22	52	0.84	.....	0.55	0	3	21	9	1	se.	D. L. Basquin.
Dickinson	Stark	2,543	21	69.2	+ 2.6	98	14	40	29	50	2.70	+ 0.68	1.11	0	5	12	18	1	nw.	L. R. Waldron.
Edgeley	Lamoure	1,468	12	69.6	+ 3.1	101	2	46	4†	49	3.64	+ 1.29	2.61	0	9	9	11	11	nw.	O. A. Thompson.
Epping	Williams	2,224	5	.....	.....	.....	.....	.....	.....	.....	3.84	.....	1.68	0	8	18	10	3	w.	M. E. Uggen.
Fullerton	Dickey	1,439	15	69.8	+ 3.7	101	2	46	29	42	2.81	− 0.11	1.71	0	6	20	9	2	e.	F. O. Alin.
Garrison	McLean	1,901	18	69.2	+ 3.4	100	4	42	29	47	2.94	+ 1.05	1.16	0	8	11	16	4	nw.	G. L. Robinson.
Haley	Bowman	2,260	5	74.0	.....	106[a]	2	39[a]	22†	62[a]	1.08	.....	0.60	0	5	.....	.....	.....	nw.	A. O. Lawrence.
Hettinger	Adams	2,253	5	68.6	.....	100	3	37	22	52	0.61	.....	0.50	0	3	22	6	3	se.	W. R. Lanxon.

TABLE 1.—*Climatological data for August, 1913. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
***North Dakota*—Contd.**																				
Howard (near)	Divide	2,275	4	65.2	.....	93	1†	42	28†	50	1.56	.....	0.66	0	7	8	13	10	nw.	C. P. Amsbaugh.
Jamestown	Stutsman	1,390	21	68.6	+ 2.4	99	2	44	29	41	2.78	+ 0.07	1.35	0	12	15	10	6	nw.	Thos. Pettigrew.
Krem	Mercer	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. Janzen.
Lamoine	Kidder	.....	5	67.9	.....	98	14	40	26	44	1.48	.....	0.90	0	5	15	14	2	ne.	E. V. Virgin.
McHenry (near)	Eddy	1,509	3	67.6	.....	95	2	41	29	41	2.79	.....	0.76	0	5	20	9	2	nw.	P. E. Truden.
Marmarth (near)	Bowman	.....	4	70.4	.....	98[a]	2	41[b]	23	48[b]	1.92	.....	0.94	0	5	15	8	8	se.	S. P. Grane.
Marstonmoor	Stutsman	.....	4	66.6	.....	96	2	36[a]	29	47[a]	2.64	.....	1.38	0	7	16	10	5	se.	H. H. McCumber.
Medora	Billings	2,225	19	62.6	− 5.1	103	4	30	3†	68	2.10	+ 0.42	1.02	0	4	19	7	5	sw.	H. Steadman.
Melville	Foster	1,590	15	70.8[f]	+ 4.7	98[f]	4†	43[f]	26†	49[f]	2.07	− 0.08	0.90	0	4	.....	.....	.....	se.	J. P. Kidder.
Mott	Hettinger	2,424	6	70.0	.....	102	14	37	22	51	1.20	.....	0.61	0	4	17	10	4	se.	O. H. Opland.
Napoleon	Logan	1,955	21	68.5	+ 2.3	102	2	41	21	47	2.08	− 0.43	1.25	0	7	13	4	14	se.	C. J. Hoof.
New England	Hettinger	2,400	19	70.9	+ 4.5	99	14	43	22	43	1.71	− 0.19	0.90	0	4	21	1	9	nw.	J. M. Connolly.
New Rockford	Eddy	1,531	2	68.6	.....	97	4	42	29	41	3.13	.....	1.48	0	6	24	5	2	se.	J. V. M. Sundberg.
New Salem	Morton	2,163	8	69.8	.....	102	14	46	30	44	0.94	.....	0.45	0	6	15	12	4	ne.	J. Christiansen.
Orange	Adams	.....	4	70.3	.....	102[a]	2	31[a]	22	56[a]	0.72	.....	0.53	0	3	.....	.....	.....	.....	J. E. Goforth.
Ranger	Billings	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.36	.....	0.88	0	7	25	3	3	nw.	R. E. Sheriff.
Ronda	Mercer	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. A. Crandall.
Steele	Kidder	1,857	16	72.2	+ 5.9	97	6	48	29	32	2.04	− 0.24	1.00	0	9	19	7	5	se.	H. S. Wood.
Turtle Lake	McLean	.....	1	70.2	.....	100	14	42	23	43	2.52	.....	1.03	0	8	11	14	6	nw.	E. G. Ranum.
Washburn	do.	1,734	15	71.0	+ 3.7	100	4	47	29	42	1.60	+ 0.43	0.75	0	6	16	14	1	w.	W. R. Peterson.
Williston	Williams	1,875	34	68.9	+ 1.0	95	14	45	28	42	4.94	+ 3.63	2.72	0	9	11	12	8	se.	U. S. Weather Bureau.
South Dakota.																				
Aberdeen	Brown	1,300	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. G. Gallett.
Academy	Charles Mix	.....	14	76.8	+ 4.5	101	20	52	22†	37	1.83	− 1.24	0.57	0	10	19	10	2	se.	I. T. Lothrop.
Alexandria	Hanson	1,352	25	75.4	+ 4.1	104	27	47	22†	53	2.09	− 0.60	0.62	0	9	22	6	3	se.	C. H. Stillwell.
Ardmore	Fall River	3,557	2	74.4	.....	100	3†	41	1	44	1.19	.....	0.84	0	7	17	10	4	nw.	F. L. Kelso.
Armour	Douglas	1,521	18	75.4	+ 3.5	106[a]	26	45[a]	1†	52[a]	1.85	− 0.90	1.02	0	5	18	9	4	s.	T. J. Markey.
Bellefourche	Butte	3,000	5	71.0	.....	100	2	41	22	52	0.52	.....	0.27	0	4	9	20	2	se.	U. S. Reclamation Service.
Blunt	Hughes	1,621	.....	.....	.....	.....	.....	.....	.....	.....	2.49	.....	1.70	0	6	17	8	6	se.	James A. Howard.
Britton	Marshall	1,354	.....	72.5[e]	.....	102[e]	2	45[e]	29	43[e]	2.61	.....	2.25	0	6	13	12	6	s.	W. S. Given.
Brookings	Brookings	1,636	24	72.0	+ 4.3	96	27	42	29	43	1.33	− 1.54	0.44	0	9	16	7	8	se.	Experiment Station.
Bryant	Hamlin	1,846	1	.....	.....	.....	.....	.....	.....	.....	0.67	.....	0.23	0	5	13	17	1	se.	E. D. Landon.
Camp Crook	Harding	3,000	20	72.4	+ 3.9	100	14	38	29	56	1.46	+ 0.05	0.54	0	5	22	8	1	nw.	U. S. Forest Service.
Canton	Lincoln	1,248	18	73.2	+ 2.8	99	26	40	29	50	1.16	− 1.65	0.81	0	6	17	8	6	se.	John H. Holsey.
Castlewood	Hamlin	1,685	8	71.4	.....	97	15	40	29	44	1.00	.....	0.54	0	5	11	7	13	se.	M. N. Bradley.
Centerville	Turner	1,229	16	74.6	.....	100	27	41	29	46	1.72	− 1.59	1.24	0	6	16	12	3	se.	Frank Williams.
Clark	Clark	1,779	21	72.4	+ 4.0	98	14	45	29	40	1.79	.....	1.02	0	5	16	13	2	se.	O. H. La Craft.
Cottonwood	Stanley	2,414	5	79.5	.....	105	14	46	29	48	1.84	.....	1.03	0	6	19	7	5	se.	Experiment Station.
Custer	Custer	5,316	1	.....	.....	.....	.....	.....	.....	.....	2.02	.....	0.99	0	4	21	8	2	sw.	R. P. Imes.
Daviston	Perkins	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dyson Byers.
Deadwood	Lawrence	4,535	4	67.6	.....	94	2†	43	23†	42	3.51	.....	2.20	0	5	23	4	4	.....	R. E. Grimshaw.
Deerfield	Pennington	6,000	4	.....	.....	.....	.....	.....	.....	.....	1.06	.....	0.49	0	7	24	3	4	w.	Frank E. Miller.
De Smet	Kingsbury	1,726	20	73.2	+ 4.0	100	27	42	24	43	0.58	− 2.12	0.31	0	2	5	25	1	s.	W. E. White.
Dowling	Stanley	2,250	4	79.0	.....	104	14	51	7	42	2.65	.....	1.25	0	3	21	7	3	se.	M. P. Dowling.
Dumont	Lawrence	6,195	4	.....	.....	.....	.....	.....	.....	.....	0.48	.....	0.32	0	2	19	10	2	sw.	A. B. Wood.
Eagle Butte	Dewey	2,415	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. F. Dankenbring.
Eales	Potter	.....	2	.....	.....	.....	.....	.....	.....	.....	2.92	.....	1.00	0	6	18	11	2	se.	A. H. Peterson.
Elk Mountain	Custer	4,700	4	.....	.....	.....	.....	.....	.....	.....	0.60	.....	0.48	0	2	20	6	5	se.	James E. Blaine.
Ellingson	Perkins	.....	1	71.9[e]	.....	102[e]	2	42[e]	31	50[e]	1.16	.....	0.65	0	6	17	13	1	se.	Carl G. Moen.
Eureka	McPherson	1,884	4	72.8	.....	103	2	38	29	47	1.53	.....	0.91	0	7	9	21	1	se.	Experiment Station.
Fairfax	Gregory	.....	9	76.7	.....	104	27	49	22	40	2.60	.....	1.02	0	11	28	1	2	se.	U. G. Stevenson.
Faith	Meade	2,560	.....	73.6	.....	102	2	46	1	47	1.58	.....	1.30	0	3	5	21	5	e.	Robert R. Saul.
Faulkton	Faulk	1,595	18	74.6	+ 5.8	102	2	48	22†	43	1.01	− 1.49	0.38	0	8	23	4	4	se.	Miss Belle Talcott.
Flandreau	Moody	1,565	23	73.6	+ 5.0	95	15†	46	29	39	2.48	− 0.86	0.90	0	9	9	12	10	e.	D. R. McLean.
Forestburg	Sanborn	1,231	21	74.8	+ 4.4	102	2†	40	30	49	1.72	− 0.67	0.74	0	5	18	11	2	se.	S. S. Judy.
Fort Meade	Meade	3,624	30	75.2	+ 4.8	102	3	49	29	40	0.93	− 1.04	0.65	0	3	30	1	0	s.	Post Hospital.
Frederick	Brown	1,371	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. Jeffers.
Goldfield	Meade	3,000	.....	75.0	.....	103	24	45	29	45	3.94	.....	1.06	0	6	15	15	1	se.	A. M. Alexander.
Greenmont	Lawrence	6,430	4	.....	.....	.....	.....	.....	.....	.....	4.95	.....	3.95	0	4	19	12	0	w.	H. C. Hoffbuhr.
Greenwood	Charles Mix	.....	19	77.9	+ 3.9	106	27	46	29	47	2.59	− 0.33	1.59	0	9	21	8	2	se.	T. C. Williamson.
Hardingrove	Stanley	.....	1	77.1	.....	104	14	49	22	44	2.30	.....	1.21	0	4	12	14	5	ne.	Mrs. Laura Sinclair.
Hardy Ranger Sta	Lawrence	6,600	3	.....	.....	.....	.....	.....	.....	.....	0.97	.....	0.54	0	6	21	7	3	sw.	Rufus J. Pilcher.
Harveys Ranch	do.	6,282	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jerome Harvey.
Hermosa	Custer	3,278	7	.....	.....	.....	.....	46[a]	7†	.....	0.89	.....	0.80	0	5	20	4	7	.....	S. M. Booth.
Highmore	Hyde	1,890	20	75.2	+ 4.1	103	2	44	29	43	1.20	− 1.23	0.45	0	9	18	4	9	se.	Experiment Station.
Hopewell	Stanley	.....	3	76.0	.....	104	2	50	22†	42	1.86	.....	1.26	0	2	14	16	1	s.	E. R. Myers.
Hot Springs	Fall River	3,443	.....	74.4	.....	98	2†	46	9	48	1.20	.....	0.40	0	5	22	6	3	sw.	John S. Goodrell.
Howard	Miner	1,564	21	71.4	+ 2.3	97[a]	15†	40[a]	29	45[a]	4.45	+ 1.57	3.47	0	8	12	17	2	se.	J. J. Cox.
Howell	Hand	.....	11	74.3	+ 5.4	107	2	44	22	51	1.04	− 1.78	0.38	0	10	14	15	2	se.	M. A. Shuster, jr.
Huron	Beadle	1,306	31	74.4	+ 5.3	98	20	49	29	39	2.35	− 0.29	1.05	0	7	13	12	6	se.	U. S. Weather Bureau.
Ipswich	Edmunds	1,530	16	73.3	+ 4.1	104	2	44	29	47	1.65	− 1.43	0.54	0	8	10	20	1	s.	H. J. Dailey.
Kadoka	Stanley	2,467	4	77.4	.....	104[a]	2	47[a]	29	46[a]	1.82	.....	0.67	0	7	10	14	7	se.	Glenn W. Shaw.
Kennebec	Lyman	1,689	20	74.3	+ 2.3	103	2	43[b]	29	47[b]	2.06	− 0.24	0.50	0	7	21	8	2	se.	R. C. Van Horn.
Kimball	Brule	1,788	27	75.6	+ 4.8	98	2	48	22	38	1.79	− 1.09	0.75	0	7	21	8	2	se.	G. D. Rose.
La Delle	Spink	1,400	16	74.2	+ 4.1	100	4†	42	29	46	2.20	− 1.54	0.90	0	6	15	11	5	se.	E. L. Ebbert.
Lead	Lawrence	5,200	4	69.0	.....	91	2	40	28	35	3.13	.....	1.87	0	6	19	9	3	.....	E. F. Irwin.
Marion	Turner	1,447	12	74.6	+ 3.9	101	27	44	29	43	2.82	− 0.56	1.02	0	6	11	19	1	e.	M. H. Dains.
Marston	Sully	.....	5	72.2	.....	98	2†	38	29	46	1.98	.....	1.25	0	6	10	14	7	se.	J. W. Kozel.
Meadow	Perkins	.....	.....	71.5	.....	100	14	44	22†	42	0.66	.....	0.50	0	4	21	5	5	se.	Hillard Wybenga.
Mellette	Spink	1,300	18	73.8	+ 4.2	102	2	44	29	42	1.21	− 1.72	0.35	0	10	19	7	5	se.	Frank A. Howe.
Menno	Hutchinson	1,325	16	77.4	+ 5.7	107[b]	27	43[b]	28	47[b]	2.47	− 0.31	0.65	0	8	18	11	2	se.	J. S. Headley.
Milbank	Grant	1,148	22	71.4	+ 3.1	98	15	45	4	46	3.41	+ 0.57	1.42	0	8	14	7	10	nw.	Miss Mary Patridge.
Mitchell	Davison	1,312	19	74.4	+ 4.2	99	2†	48	22†	43	2.16	− 0.56	0.65	0	9	17	13	1	se.	C. W. Downey.
Mobridge	Walworth	.....	2	76.8	.....	103	14	44	29	45	3.29	.....	2.13	0	7	22	9	0	se.	Thomas J. Morris.
Murdo	Lyman	2,300	5	78.3	.....	102	2†	53	22	41	T.	.....	T.	0	0	28	3	0	e.	L. C. Bode.
Oelrichs	Fall River	3,339	21	76.8	+ 6.2	104	3	42	22	55	3.05	+ 1.70	1.25	0	4	14	17	0	ne.	J. E. Strouse.
Onaka	Faulk	1,600	1	.....	.....	.....	.....	.....	.....	.....	1.60	.....	0.65	0	5	17	14	0	.....	H. P. Camp.
Onida	Sully	1,921	.....	.....	.....	.....	.....	.....	.....	.....	1.48	.....	1.01	0	4	20	9	2	s.	E. E. Heywood.
Orman	Butte	2,920	7	74.8	.....	101	2†	45	29	47	0.28	.....	0.22	0	3	23	6	2	nw.	U. S. Reclamation Service.
Ottumwa	Stanley	.....	5	74.4	.....	105	2	43	30	47	3.50	.....	2.03	0	5	22	8	1	se.	J. W. Bretz.
Parkston	Hutchinson	1,400	1	.....	.....	.....	.....	.....	.....	.....	1.35	.....	0.90	0	4	22	5	4	.....	W. C. Rempfer.
Pearl Creek	Beadle	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.27	.....	0.46	0	5	.....	.....	.....	.....	Charles Miner.
Pierre	Hughes	1,572	21	76.8	+ 3.7	103	20	51	22	36	1.37	− 0.64	0.44	0	10	18	7	6	e.	U. S. Weather Bureau.
Pine Ridge	Shannon	.....	7	72.9	.....	102	3	34	31	54	3.32	.....	1.25	0	5	13	15	3	s.	W. A. Spencer.
Plankinton	Aurora	1,528	19	.....	.....	.....	.....	.....	.....	.....	1.78	− 0.85	0.52	0	8	15	14	2	se.	W. G. Andrews.

TABLE 1.—*Climatological data for August, 1913. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
South Dakota—Contd.																				
Pollock	Campbell		7	73.0		106	3	38	29	51	1.64		0.83	0	5	16	10	5	s.	J. H. Jones.
Rapid City	Pennington	3,251	25	73.2	+ 4.4	99	14	48	22	43	1.12	− 0.99	0.41	0	6	15	9	7	w.	U. S. Weather Bureau.
Redfield	Spink	1,295	15																	A. S. Hall.
Rochford	Pennington	5,228	3								0.61		0.35	0	3	19	10	2	sw.	Mrs. M. E. Deffenbaugh.
Rosebud	Todd	2,600	19	73.6	+ 2.4	96[a]	14†	40[a]	29	48[a]	2.40	+ 0.48	1.18	0	8	13	16	2	sw.	W. M. Ege.
Roslyn	Day		7																	O. O. Floren.
Selby	Walworth		5	74.8[d]		101[d]	2	43[e]	29	43[e]	1.71		0.76	0	4				nw.	Miss Gertrude Hall.
Sioux Falls	Minnehaha	1,400	22	74.5	+ 4.3	99	27	47	29	39	1.44	− 1.88	0.54	0	8	16	7	8	s.	J. H. Bechtold.
Sisseton	Roberts	1,202	7																	George Gray.
Sorum	Perkins		2	71.0		100	2	33	29	53	0.38		0.38	0	1	12	13	6	se.	M. S. Eberhart.
Spearfish	Lawrence	3,647	24																	A. E. Johnson.
Stephan	Hyde	1,840	9	74.5		101[a]	14	45[a]	29	51[a]	1.14		0.49	0	7	12	13	6	se.	Rev. A. Mattingly.
Tama	Meade		3																	E. J. Lehman.
Timber Lake	Dewey	2,163	1	75.2		107	2	46	22†	48	2.41		0.82	0	6	6	24	1	s.	W. E. Prann.
Tyndall	Bonhomme	1,418	16	78.9	+ 7.2	103	27	39	29	51	3.38	− 0.14	2.31	0	11	17	11	3		F. F. Chladek.
Vale	Butte	2,765	5	73.2		102	14	39	29	53	0.18		0.06	0	4	14	12	5	se.	U. S. Reclamation Service.
Vermilion	Clay	1,222	12	77.4	+ 4.9	102	27	50	22	48	1.03	− 2.36	0.85	0	5	27	1	3	se.	Prof. E. C. Perisho.
Waters Ranch	Lawrence	4,000	3								0.20		0.10	0	6	22	5	4	e.	George Waters.
Watertown	Codington	1,735	19	71.3	+ 4.4	98	14	42	29	44	1.39	− 1.91	0.57	0	6	14	12	5	se.	Robert Q. Wood.
Wentworth	Lake		20	71.2	+ 2.1	93	15	47[a]	26†	39[a]	2.07	− 1.04	0.45	0	11	18	9	4	se.	R. C. Zimmerman.
White Lake	Aurora	1,646	4								1.81		0.53	0	7	15	15	1	s.	Mrs. G. A. Rogers.
Winner	Tripp	2,000	1	78.2		102	13†	40	21	40	1.28		0.65	0	5	17	9	5	se.	J. W. Barnum.
Wood	Mellette			76.2		103	26	44	22	45	1.90		0.70	0	7	18	1	12	s.	Fred E. Kirch.
Yankton	Yankton	1,234	39	76.4	+ 3.6	101	27	52	22	37	3.03	− 0.09	2.26	0	9	9	14	8	e.	U. S. Weather Bureau.
Minnesota.																				
Pipestone	Pipestone	1,710	12	72.4	+ 4.1	94	15	43	29	39	1.70	−2.43	0.43	0	11	19	9	3	se.	A. L. Doan.
Colorado.																				
Arriba	Lincoln	5,243	7	72.7		96	24	48	1	41	0.77		0.31	0	7	26	5	0	s.	C. A. Creel.
Auldhurst	Teller	8,500	3								3.54		1.22	0	18	8[a]	18[a]	4[a]	s.	Harry Dunmire.
Bennett (near)	Arapahoe	5,484	5								0.77		0.16	0	10	28	3	0	ne.	J. F. Egelhoff.
Boulder	Boulder	5,347	17	71.6	+ 1.2	92	7	52	28	34	0.54	− 0.96	0.28	0	3	3	28	0	e.	Prof. J. A. Hunter.
Burlington	Kit Carson	4,160	10	77.7	+ 5.7	102	3†	53	1	42	3.25	+ 0.56	1.35	0	6	21	10	0	se.	W. P. Davis.
Cassells	Park	8,445	3								2.19		0.60	0	8	15	11	5	w.	Harriet M. Cassell.
Castle Rock	Douglas	6,220	21	68.2	+ 1.7	93[a]	17	42	2	48[a]	2.30	+ 0.07	0.80	0	9	13	8	10	se.	Thos. P. Vaughan.
Cheesman	Jefferson	6,890	10	67.0	+ 1.7	88	8	47	7†	39	2.74	+ 0.46	0.45	0	11	15[a]	6[a]	9[a]	s.	Denver Union Water Co.
Cheyenne Wells	Cheyenne	4,279	21	76.8	+ 4.1	101[a]	8	51[a]	23	45[a]	0.69	− 1.76	0.39	0	4	30	1	0	sw.	J. W. Adams.
Denver	Denver	5,272	41	73.2	+ 2.8	96	26	54	29	35	0.85	− 0.49	0.29	0	11	14	15	2	sw.	U. S. Weather Bureau.
Edgewater	Jefferson	5,450	5	70.8		94	26	48	1	43	0.68		0.38	0	8	23	5	3		N. P. Levin, M. D.
Estes Pk. Fish Hatch	Larimer	8,000	4								2.16		1.09	0	7	1	14	16	w.	G. H. Thomson.
Fort Collins	do	4,985	34	69.8	+ 1.9	92	2†	47	1†	42	0.41	− 0.78	0.26	0	3	4	25	2	nw.	Colorado Agricultural College.
Fort Lupton (near)	Weld	4,907	3								0.48		0.21	0	6	4[k]	13[k]	3[k]	w.	C. B. Benedict.
Fort Morgan	Morgan	4,319	15	73.9	+ 1.9	99	25†	48	1	44	0.23	− 1.49	0.23	0	1	28	3	0	e.	Great Western Sugar Co.
Frances	Boulder	9,300	8	61.5		79	2	44	10	29	1.80		0.60	0	13	7	22	2	w.	C. W. Barry.
Frys Ranch	Larimer	7,500	3	61.6		86	26	39	1†	42	1.16		0.30	0	7	18	12	1	w.	Norman W. Fry.
Georgetown	Clear Creek	8,550	11								1.70	− 0.06	0.27	0	16	1	27	3		H. L. Corbett.
Greeley	Weld	4,649	22	72.5	− 1.6	96	3	50	1†	43	0.18	− 0.76	0.10	0	6	26	5	0	e.	Burton Reynolds.
Grover (near)	do	5,076	9	70.2[b]		96[b]	26	40[c]	1	48[c]	0.78		0.40	0	3	11[d]	8[d]	8[d]	nw.	D. M. Porter.
Hartsel	Park	8,892	4								2.54		0.70	0	14	4	12	15	nw.	Emily Kleinknecht.
Hawthorne	Boulder	6,000	4								0.98		0.41	0	8	17	13	1		B. E. Chesebro.
Holyoke (near)	Phillips	3,745	17	72.3	+ 0.2	103	27	38	1†	61	0.27	− 2.07	0.15	0	3	21	9	1	se.	A. C. Cauble.
Idaho Springs	Clear Creek	7,543	13	64.9	+ 2.7	86	8	45	10	37	1.85	− 0.03	0.76	0	8	2	28	1	e.	J. J. Willis.
Julesburg	Sedgwick	3,465																		Great Western Sugar Co.
Kersey	Weld	4,571									1.30		0.80	0	2	20	11	0	w.	Do.
Laporte	Larimer	5,053	22								0.62	− 0.73	0.21	0	5					P. A. Taft.
Le Roy (near)	Logan	4,380	24								1.62	− 0.51	1.02	0	5					Chas. Green.
Longmont	Boulder	4,950	12	71.0	+ 2.5	98	25	47	28	49	0.15	− 0.97	0.86	0	5	15	16	0	ne.	Great Western Sugar Co.
Longs Peak (near)	Larimer	8,600	18																	Enos A. Mills.
Merino	Logan										1.09		0.75	0	3	22	9	0		Great Western Sugar Co.
Moraine	Larimer	7,775	23																	Chas. A. Chapman.
Platte Canon	Jefferson	5,492	14																	Denver Union Water Co.
St. Cloud	Larimer	7,750	10								1.23		0.40	0	7	7	13	11	w.	Miss Emma S. Cornelison.
Sedgwick	Sedgwick	3,539	5	74.4		101	27	44	22	48	0.42		0.29	0	3	25	6	0	ne.	Edwin Lewis, M. D.
Silver Lake	Boulder	10,500	3																	City Engineer, Boulder.
Spicer (near)	Jackson	8,700	3	62.4		88	27	39	6	49	0.75		0.40	0	3	20	11	0	sw.	Frank W. Murphy.
Sterling	Logan	3,892	4	69.8		99	3	32	1	59	1.05		0.98	0	3	16	8	7	s.	Great Western Sugar Co.
Waterdale	Larimer	5,206	10																	P. H. Boothroyd.
Wray	Yuma	3,512	17	78.0	+ 4.7	104	4	44	1	49	0.90	− 1.37	0.32	0	5	21	10	0	s.	J. C. Tuomey.
Yuma	do	4,138	22								1.05		0.60	0	3	22	7	2	se.	Matthew Harr.
Nebraska.																				
Ainsworth	Brown	2,521																		John M. Cotton.
Albion	Boone	1,747	18	76.6	+ 5.0	104	3†	40	29	52	3.26	+ 0.39	1.02	0	9	19	6	6	s.	F. M. Weitzel.
Alliance	Boxbutte	3,968	20	70.3	− 0.3	95	20	44	29	46	0.75	− 1.07	0.25	0	4	27	4	0	sw.	J. A. Keegan.
Alma	Harlan	1,939	18	80.5	+ 4.9	107	5†	43	1	53	0.06	− 3.42	0.03	0	2	25	6	0	s.	W. A. Sharpnack.
Arcadia	Valley	2,186	14								1.95	− 1.20	1.55	0	4	22	6	3	s.	J. L. Owen.
Arden	Wheeler		3								4.23		2.42	0	7	24	6	1	se.	A. E. Johns.
Ashland	Saunders	1,100	31	83.6	+ 8.2	107	8	49	29	48	0.25	− 3.53	0.22	0	2	18	13	0	se.	Dr. A. S. Mansfelde.
Ashton	Sherman	2,061	22								3.56	+ 0.63	1.80	0	6	26	4	1	se.	F. Rein.
Atkinson	Holt	2,108	8	76.8		105	27	43	29	48	1.49		0.54	0	7					C. J. Wilson.
Auburn	Nemaha	1,051	21	81.5	+ 6.4	109	5†	47	29	55	1.11	− 2.90	0.57	0	4	27	3	1	s.	J. R. Huffman.
Aurora	Hamilton	1,792	19			107	8†				2.02	− 1.79	0.62	0	7	13	13	5	ne.	A. D. Travis.
Beatrice	Gage	1,235	24	81.0	+ 5.7	104	8	52	22	40	0.73	− 2.77	0.43	0	3	20	3	8	se.	H. E. Palmer.
Beaver City	Furnas	2,147																		T. M. Davis.
Bellevue	Sarpy	1,210	31	82.2	+ 8.0	106	8	53	22†	42	0.22	− 2.74	0.07	0	4	26	5	0	se.	A. A. Tyler.
Benkelman	Dundy	2,968																		R. D. Druliner.
Bertrand	Phelps	2,515	5								1.37		0.65	0	4	25	6	0	se.	W. F. Dobbin.
Blair	Washington	1,122	18	79.4	+ 5.5	105	15	49	23	50	0.33	− 3.44	0.26	0	4	25	6	0	sw.	D. C. Van Deusen.
Blake	Garfield		1								1.96		0.75	0	7	19	10	2	se.	H. C. Mead.
Bloomfield	Knox		6	76.7		103	27	40	29	48	2.07		1.09	0	8	10	21	0	s.	Dr. L. C. Bleick.
Bradshaw	York	1,715	16								1.06	− 3.85	0.71	0	6	19	12	0		E. C. Roggy.
Brewster	Blaine		1								3.89		1.84	0	9	21	8	2	se.	W. S. Turnbull.
Bridgeport	Morrill	3,658	17	73.4	+ 1.8	101	26	44	22	47[a]	0.84	− 0.81	0.27	0	5	14	17	0	se.	R. H. Willis.

TABLE 1.—*Climatological data for August, 1913. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Nebraska—Continued.																				
Broken Bow	Custer	2,477	18	76.6	+ 4.6	104	26	47	1	52	1.29	− 1.97	1.05	0	5	20	6	5	ne.	R. V. McCall.
Bruning	Thayer	1,583	2								0.46		0.46	0	1	26	3	2	sw.	Henry Middendorf.
Burge	Cherry	2,674	6	75.4		101	26	40	29	52	2.83		1.50	0	4	24	1	6	se.	H. A. Davis.
Burwell	Garfield	2,180	18								1.35	− 1.22	0.60	0	5					W. L. McMullen.
Butte	Boyd		8	77.0		106	27	43	29	46	2.14		1.34	0	7	19	9	3	se.	W. Whitla.
Cairo	Hall	1,951	5								0.68		0.47	0	3					Elliott Harrison.
Callaway	Custer	2,555	19	78.6	+ 6.2	105	27	42	1†	52	0.23	− 2.85	0.12	0	3	22	7	2	s.	J. H. Evans.
Cambridge	Furnas	2,258	7	79.3		108	27	45	1	55	1.18		0.46	0	5	24	6	1	s.	Chas. Jensen.
Columbus	Platte	1,442	21	79.8	+ 6.9	102	15†	51	22	40	3.28	− 0.34	1.60	0	5	15	15	1	ne.	A. L. Rush.
Crete	Saline	1,368	30	83.0	+ 9.0	107	8	52	29	41	0.48	− 2.94	0.44	0	3	27	4	0	s.	Doane College.
Culbertson	Hitchcock	2,565	27	78.9	+ 4.3	106	9†	47	1	47[e]	1.24	− 1.41	1.07	0	3	22	5	4	se.	Homer L. Nye.
Curly	Sioux																			A. E. Hann.
Curtis	Frontier	2,553	16	77.2	+ 2.3	101	27	46	1	49	0.96	− 2.06	0.33	0	6	22	7	2	se.	Dr. S. R. Razee.
Dalton	Cheyenne	4,273	1								0.75		0.18	0	6	25	6	0		J. C. Frandsen.
David City	Butler	1,619	25	79.8	+ 7.8	102	8	51	29	36	0.97	− 2.53	0.67	0	5	23	7	1	se.	S. Clingman.
Du Bois	Pawnee	1,074	8								0.20		0.14	0	2	26	5	0	se.	O. M. Backus.
Dumas	Garfield		5	75.4		106	26	44	28	47[d]	1.63		0.69	0	7	27	4	0	s.	Emile Raes.
Elm Creek	Buffalo	2,268	6								0.83		0.36	0	3					E. L. Sutton.
Elsie	Perkins	3,382	5								0.33		0.21	0	4					J. F. Brittain.
Ericson (near)	Garfield	2,029	21								1.72	− 0.79	0.74	0	4	19	11	1	se.	J. A. Bodyfield.
Ewing	Holt	1,888	22	79.4		111	27	38	29	54	1.71	− 1.05	0.46	0	8					G. H. Benson.
Exeter	Fillmore	1,607	2								T.		T.	0	0					Frank Ainsworth.
Fairbury	Jefferson	1,316	39	83.9	+ 7.7	109	5†	48	29	48	1.28	− 1.99	1.06	0	3	24	6	1	se.	W. F. Cramb.
Fairmont	Fillmore	1,641	20	81.2	+ 7.4	106	8	50	22	45	0.33	− 3.20	0.12	0	3	19	11	1	s.	C., B. & Q. R. R. Co.
Falls City	Richardson	898	19	85.0	+ 7.8	110	5†	51	23	50	0.91	− 2.53	0.50	0	3	23	8	0	se.	Dr. J. C. Yutzy.
Fort Robinson	Dawes	3,764	31	72.7	+ 2.6	99	27	37	1	48	1.20	− 0.39	0.75	0	4	23	6	2	s.	Post surgeon.
Franklin	Franklin	1,820	19	82.0	+ 6.2	111	27	43	1	57	0.28	− 2.59	0.10	0	5	22	7	2	se.	A. R. Peck.
Fremont	Dodge	1,203	34	79.6	+ 6.4	106	15	49	23†	49	0.82	− 3.00	0.45	0	3	15	14	2	se.	Ernest Hahn.
Fullerton	Nance	1,629	11	78.8		105	27	48	1†	47[a]	2.66	− 1.46	0.95	0	6	24	6	1	s.	Dr. F. W. Johnson.
Geneva	Fillmore	1,633	23	84.2	+ 9.2	108	5†	51	1†	48	0.21	− 3.11	0.11	0	2	19	12	0	se.	F. M. Flory.
Genoa	Nance	1,584	38	76.2	+ 2.9	103	27	44	1	54	3.20	+ 0.23	1.75	0	7	23	8	0	se.	F. W. Parsons.
Gordon	Sheridan	3,550	12	73.2[i]		103	26	37		56[i]	1.39	− 0.51	0.60	0	4					G. F. Williams.
Gosper	Gosper		12								1.75	− 1.50	0.67	0	4	28	2	1	s.	E. H. Stoll.
Gothenburg	Dawson	2,557	19	78.6	+ 5.2	105	15†	48	1†	49	0.75	− 2.39	0.37	0	4	20	10	1	se.	S. S. Kaufman.
Grand Island	Hall	1,860	21	81.8	+ 7.6	108	8	50	29	43	1.66	− 2.09	0.66	0	8	15	8	8	s.	E. A. Barnes.
Grant	Perkins	3,405	10	78.1		107	26†	50	1†	56	0.73	− 1.27	0.37	0	5				se.	Anson K. Holmes.
Greeley	Greeley	2,021	19	77.0		102	26	46	29	43	2.32	− 0.42	0.76	0	6	19	12	0	se.	W. E. Morgan.
Guide Rock	Webster	1,646	13								0.09	− 3.17	0.05	0	2	12	18	1	s.	J. S. Marsh.
Haigler	Dundy	3,258	18								0.00	− 2.32	0.00	0	0					J. L. Pember.
Halsey	Thomas	2,695	11	76.0	+ 3.3	106	27	44	29	49	2.23	− 0.51	1.29	0	7	28	3	0	se.	Bureau of Forestry.
Hartington	Cedar	1,309	23	77.6	+ 6.3	104	27	52	22†	42	1.33	− 2.37	1.20	0	4	9	11	11	nw.	D. E. Ewing.
Harvard	Clay	1,812																		Bert Gregg.
Hastings	Adams	1,932	24	81.8	+ 7.4	108	8	53	22	43	0.79	− 2.69	0.22	0	5	30	1	0	se.	C. B. & Q. R. R. Co.
Hayes Center	Hayes		20	80.7		107	26†	55	3†	51	0.65	− 2.60	0.21	0	5	27	4	0	s.	Jos. M. Crosby.
Hay Springs	Sheridan	3,821	27	73.5	+ 4.2	102	26	42	22	48[b]	1.36	− 0.69	0.98	0	3				s.	A. Kadlecek.
Hebron	Thayer	1,458	28	83.2	+ 8.3	106	8†	48	29	46	T.	− 3.45	T.	0	0					Dr. C. M. Easton.
Hemingford	Boxbutte	4,256	4								1.38		0.40	0	8					A. S. Enyeart.
Hendley	Furnas	2,231	9								0.51		0.25	0	3					T. L. Jones.
Hershey	Lincoln	2,902	2								1.17		0.66	0	5	23	2	6		G. F. Palmer.
Hillside	Arthur	3,484	4	74.0		104	27	38	22	57	0.70		0.43	0	8	26	5	0	se.	Mrs. M. R. Lloyd.
Holdrege	Phelps	2,324	22	81.6	+ 6.5	107	5†	53	29	48	1.05	− 2.06	0.70	0	2	21	7	3	s.	C. B. & Q. R. R. Co.
Hooper	Dodge	1,228	16	78.2	+ 4.6	103	27	47	22	44	2.50	− 1.57	1.39	0	5	19	5	7	se.	Dr. W. H. Heine.
Hull (near)	Banner		3								1.00		0.30	0	7	22	2	7	e.	Mrs. W. P. Miller.
Imperial	Chase	3,278	24	78.8	+ 5.1	106	14†	49	1	50	0.19	− 2.52	0.10	0	2	26	5	0	se.	Robert. Malcolm.
Kearney	Buffalo	2,146	26	81.4	+ 6.3	107	8†	49	1	45	0.97	− 2.01	0.46	0	6	25	5	1	se.	City engineer.
Kimball	Kimball	4,697	26	72.6	+ 2.6	98	3†	45	1†	47	1.65	+ 0.16	0.50	0	7	22	8	1	s.	F. J. Bellows.
Kirkwood	Rock		18	76.6	+ 5.0	106	27	44	29	49[b]	2.71	− 0.73	1.83	0	8	21	8	2	se.	Mrs. C. Arter.
Kowanda	Garden		5								1.34		0.68	0	5					George W. Hules.
Lexington	Dawson	2,385	24	79.3	+ 6.8	106	27	48	1	50	1.01	− 1.97	0.44	0	7	20	0	2	se.	Robert Chadwick.
Lincoln	Lancaster	1,189	34	82.6	+ 8.3	107	8	54	29	44	0.31	− 3.40	0.16	0	4	15	12	4	s.	U. S. Weather Bureau.
Lodgepole	Cheyenne	3,820	15	79.2	+ 8.5	107	27	48	22	48	0.92	− 0.92	0.46	0	3	19	11	1	e.	R. T. Kidney.
Loup City	Sherman	2,067	19	75.9	+ 3.0	102	27	45	1†	45	3.13	− 0.40	1.90	0	6	28	3	0	se.	Harriet Hayhurst.
Loyal	Custer		5								1.72		0.75	0	6					James H. Bailey.
Lynch	Boyd		18								2.94	+ 0.15	2.08	0	10	18	11	2	s.	Anton Basta.
McCook	Redwillow	2,506	19	80.1	+ 3.5	104[e]	6†	54[e]	21	47[e]	0.36	− 2.14	0.19	0	4				se.	Lon Cone.
McCool Junction	York	1,575	18								0.54	− 2.84	0.49	0	2					L. L. Slagel.
Madison	Madison	1,585	20	75.5	+ 3.6	100	3	45	30	48	4.37	+ 0.97	1.54	0	5	25	4	2	ne.	Dr. F. A. Long.
Marquette	Hamilton	1,830	34								1.38	− 1.78	0.59	0	7					John Ellis.
Mary	Brown		3								1.13		0.41	0	6	25	5	1	sw.	G. C. Stuff.
Mason City	Custer	2,257	13								1.58	− 1.70	0.65	0	4					J. A. Amsberry.
Minatare	Scotts Bluff	3,825	4								2.11		0.63	0	9	24	7	0	nw.	A. Kennedy.
Minden	Kearney	2,169	36	82.8	+ 9.1	108	8†	50	22	44	0.70	− 2.87	0.30	0	4	23	8	0	se.	Joel Hull.
Mitchell	Scotts Bluff	3,950	5	72.2		98	26	42	1	51	4.37		3.20	0	7	20	11	0	se.	U. S. Reclamation Service.
Nebraska City	Otoe	941	38	82.2[d]	+ 7.7	106	8	50[e]	2†	41[e]	0.20	− 3.32	0.10	0	2	23	7	1	s.	C. B. & Q. R. R. Co.
Nelson	Nuckolls	1,683	3	82.8		109	5	45	1	53	0.00		0.00	0	0	24	7	0	s.	Mack I. Koser.
Norfolk	Madison	1,532	32	78.2	+ 5.9	106	3	42	29	51	3.15	− 0.63	1.36	0	9	27	3	1	s.	Dr. P. H. Salter.
North Loup	Valley	1,961	25	79.2	+ 6.5	108	27	42	29	56	2.28	− 0.51	0.99	0	7	22	9	0	se.	W. G. Rood.
North Platte	Lincoln	2,841	39	77.3	+ 5.1	103	27	49	1	45	0.98	− 1.48	0.61	0	6	23	6	2	se.	U. S. Weather Bureau.
Oakdale	Antelope	1,722	26	76.4	+ 4.7	103	3	45	29	43	1.98	− 0.89	1.10	0	5	13	15	3	s.	G. S. Clingman.
Omaha	Douglas	1,103	43	82.4	+ 8.0	105	8	58	22	36	0.18	− 3.44	0.12	0	5	13	15	3	s.	U. S. Weather Bureau.
O'Neill	Holt	1,975	15								2.59	− 0.17	0.90	0	6	19	4	8	se.	L. E. Best.
Ord	Valley	2,062	18								2.85	− 0.16	1.88	0	5	17	10	4		Jas. Milford.
Orleans	Harlan	1,993	6								0.11		0.08	0	2					Jas. McGeachin.
Osceola	Polk	1,644	15	80.4		106	8	47	29	45	1.16	− 2.88	0.65	0	4	13	17	1	s.	G. T. Ray.
Oshkosh	Garden	3,393	1	74.3		100	27	45	22	43	1.19		0.57	0	5	22	9	0	se.	Robert Quelle.
Palisade	Hitchcock		4								0.43		0.22	0	2					R. E. Young.
Pawnee City	Pawnee	1,175	16	82.6	+ 6.8	110	5	47	29	54	1.47	− 2.31	1.03	0	4	29	2	0	s.	F. A. Barton.
Paxton	Keith	3,060	6	76.4		104	4†	41	25	57	0.77		0.38	0	4	28	2	1	s.	C. F. Coy.
Plymouth	Jefferson	1,419	9	82.6		107	5†	51	29	44	0.49		0.23	0	3	17	10	4	se.	Dora Ruppel.
Purdum	Blaine		14	75.9	+ 4.4	104	27	43	29	50	1.09	− 2.02	0.45	0	6	23	6	2	se.	T. C. Jackson.
Ravenna	Buffalo	2,028	36	78.7	+ 5.5	106	27	43	29	51	1.55	− 1.66	0.55	0	6	20	10	1	s.	H. G. Smith.
Red Cloud	Webster	1,687	21	82.0	+ 6.0	108	27	45	1†	53	0.46	− 2.46	0.23	0	4	25	5	1	se.	Chas. S. Ludlow.
St. Libory	Howard	1,887	19								0.99	− 2.25	0.61	0	5	21	8	2	se.	W. I. Meader.
St. Paul	do	1,796	20	80.5	+ 5.6	106	15†	51	1†	44	1.18	− 2.24	0.48	0	5	25	6	0	sw.	Paul Anderson.

TABLE 1.—*Climatological data for August, 1913. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Nebraska—Continued.																				
Santee	Knox		26	76.8	+ 2.7	106	27	50	30	53	3.15	+ 0.38	2.01	0	10	18	9	4	se.	A. M. MacGregor.
Schuyler	Colfax	1,357	20	80.2		108	27	44	29	49	1.77	− 2.21	0.68	0	7	19	12	0	s.	R. O. Brownell.
Scottsbluff	Scotts Bluff	3,888	25	73.5	+ 1.9	102	26	44	1	46	2.03	+ 0.56	0.79	0	10	25	6	0	se.	A. B. McCoskey.
Seward	Seward	1,435	23	80.4	+ 4.8	105	8	44	29	47	0.49	− 3.64	0.45	0	3	10	21	0	s.	C. B. & Q. R. R. Co.
Sidney	Cheyenne	4,090	21								1.99	− 0.03	0.85	0	8	23	8	0	ne.	John P. Fischer.
Springfield	Sarpy	1,052	2								0.03		0.02	0	2	26	2	3	se.	L. A. Bates.
Springview	Keyapaha		22	75.6	+ 4.0	100	3†	47	1	50	3.09	− 0.11	1.40	0	7	18	10	3	e.	C. L. Phelps.
Stanton	Stanton	1,472	22	77.6	+ 5.6	104	27	40	29	49	2.19	− 1.02	0.60	0	7	23	8	0	sw.	Alfred Pont.
Stapleton	Logan		1	78.0		107	26	48	28	49	3.16		1.48	0	4	22	5	4		F. E. Peterson.
Stratton	Hitchcock	2,804	18								0.15	− 2.50	0.15	0	1					Miss Stella Vennum.
Superior	Nuckolls	1,574	29								0.00	− 3.02	0.00	0	0					F. V. Bishop.
Syracuse	Otoe	1,059	22	82.2	+ 7.0	108	5†	46	23	56	0.39	− 3.15	0.39	0	1	24	7	0	se.	W. N. Hunter.
Table Rock	Pawnee	1,023	25								1.50	− 1.84	1.18	0	5	26	5	0	s.	E. D. Howe.
Tecumseh	Johnson	1,113	35	87.1		110	3†	46	29	52	0.40	− 3.24	0.40	0	1					Dr. C. H. Davis.
Tekemah	Burt	1,060	24	78.0	+ 4.6	101	4	49	23†	41	1.71	− 2.17	1.05	0	4	18	0	13	nw.	Dr. A. D. Nesbit.
University Farm	Lancaster		28	81.8	+ 6.7	107	8†	46	29	49	0.25	− 3.52	0.13	0	2	15	13	3		S. W. Perin.
Valentine	Cherry	2,613	25	74.7	+ 3.4	99	26	43	29	47	2.54	− 0.28	1.72	0	10	19	10	2	s.	U. S. Weather Bureau.
Wahoo	Saunders	1,187	11								0.90	− 3.07	0.47	0	4	24	7	0		W. T. Mauck.
Wakefield	Dixon	1,387	19	76.8	+ 4.8	104	3	40	29	49	2.03	− 1.76	0.66	0	9	18	13	0	s.	I. H. Weaver.
Walthill	Thurston		10	75.8		99	15	42	29	43	3.55	− 0.24	1.52	0	9	15	12	4	s.	G. A. Dudley.
Watertown	Buffalo	2,299	8								0.90		0.38	0	4	19	12	0	s.	R. E. Swift.
Wauneta	Chase	2,935	15								0.30	− 2.71	0.30	0	1					C. D. Fuller.
Weeping Water	Cass	1,080	36	81.6		110	8	43	29	59	1.25	− 2.68	0.53	0	3	24	5	2	s.	S. W. Orton.
Westpoint	Cuming	1,313	25	80.2	+ 6.2	104	3	47	29	47	2.05	− 2.48	1.11	0	3	25	4	2	e.	J. C. Elliott.
Wisner	do	1,380	18								3.29	− 0.11	1.16	0	6					F. C. Evans.
York	York	1,633	23	83.3	+ 7.5	110	27	48	22†	49	0.53	− 2.88	0.42	0	4	23	8	0	sw.	A. T. Glauque.
Iowa.																				
Afton	Union	1,212	19	80.8	+ 7.2	105	8	54	23	42	1.28	− 3.15	1.18	0	2	18	13	0	sw.	N. W. Rowell.
Allerton	Wayne		11	80.8	+ 7.7	105	8†	50	29	45	0.99	− 5.83	0.88	0	2				n.	Maude Chase.
Alton	Sioux	1,305	8	74.6		98	15	46	29	41	3.25		2.73	0	9	11	19	1	ne.	W. S. Slagle.
Atlantic	Cass	1,164	22	80.2	+ 8.9	105	8	49	29†	49	1.49	− 1.99	1.34	0	7	13	8	10	sw.	Thos. H. Whitney.
Audubon	Audubon	1,301	19	76.8	+ 5.0	100	9	51	29	37	5.65	+ 1.93	3.52	0	8	19	1	11	se.	Geo. E. Kellogg.
Bedford	Taylor		13	80.9	+ 7.0	105	8†	40	29	52	0.71	− 4.35	0.64	0	3	28	3	0	s.	E. E. Healy.
Centerville	Appanoose	1,013	3	81.1		106	8	54	23†	43	1.16		0.53	0	5	26	2	3	w.	Gordon Peacock, jr.
Chariton	Lucas	1,042	18	78.8	+ 5.7	105	8	48	29	47	2.15	− 2.85	1.40	0	3	17	12	2	s.	C. C. Burr.
Clarinda	Page	1,009	23	81.0	+ 6.8	108	8†	47	29†	58	0.51	− 3.52	0.51	0	1	21	9	1	s.	A. S. Van Sandt.
Corning	Adams	1,117	21	79.6	+ 7.1	105	8	43	29	45	3.30	− 0.91	1.68	0	3				se.	Jerome Smith.
Corydon	Wayne	1,101	20	81.2	+ 7.6	106	8	51	1†	45	1.48	− 2.84	0.78	0	4	15	11	5	se.	May C. Miller.
Council Bluffs	Pottawattamie	990	3	79.1		105	8	40	29	49	1.06		0.75	0	3	18	7	6	s.	B. W. Crossley.
Creston	Union	1,312	8	78.4		102	8	50	23†	46	1.31		1.01	0	3	18	6	7	se.	O. J. Colby.
Cumberland	Cass		14								2.25	− 1.73	2.25	0	2	26	2	3	sw.	J. H. Reppert.
Denison	Crawford	1,180	19	76.4	+ 4.5	100	9	45	29†	43	4.82	+ 1.06	2.41	7	7	21	8	2	e.	W. C. Van Ness.
Elliott	Montgomery		8	80.3		104	8	46	29	51	0.64		0.37	0	2	16	15	0	s.	C. H. Westrope.
Greenfield	Adair		21	80.2	+ 7.8	105	8	53	22†	43	1.94	− 1.60	1.65	0	4	15	15	1	sw.	Frank A. Ward.
Harlan	Shelby	1,182	14	77.0	+ 4.8	99	8†	46	29†	49	2.22	− 2.00	1.52	0	5	13	14	4	se.	C. A. Reynolds.
Inwood	Lyon	1,474	9	75.0		98	15	44	29	44	0.91		0.64	0	9	19	7	5	n.	F. B. Hanson.
Lake Park	Dickinson	1,479		72.2		98	15	42	23	42	6.24		3.05	0	5	18	10	3	s.	A. E. Woodruff.
Lamoni	Decatur	1,120	6	80.8		105	8†	54	1†	41	2.19		1.35	0	4	17	12	2	se.	T. J. Fitzpatrick.
Le Mars	Plymouth	1,224	17	74.4	+ 2.9	94	15†	47	29	35	1.65	− 1.23	0.81	0	9	19	9	3	se.	G. A. C. Clarke.
Lenox	Taylor	1,250	18	80.4	+ 7.5	102	8	50	29	40	0.97	− 3.15	0.40	0	3	30	1	0	s.	J. L. Hurley.
Leon	Decatur	1,120	11	81.4	+ 8.3	105	8	55	23	42	2.01	− 3.93	2.01	0	1	19	10	2	sw.	Morris Gardner.
Little Sioux	Harrison		8	78.6		101	9	43	29	45	1.94		1.20	0	7	21	9	1	se.	Geo. H. Gibson.
Logan	do	928	46	79.0	+ 6.3	104	15	45	29	45	1.55	− 2.19	0.81	0	3	20	11	0	sw.	Glenn H. Stern.
Mount Ayr	Ringgold	1,236	20	82.0	+ 8.0	105	8	53	29	43	1.36	− 2.39	1.26	0	3	18	13	0	s.	Alex. Maxwell.
Murray	Clarke	1,216	22	80.2	+ 7.0	104	8	54	23†	42	2.06	− 1.75	2.06	0	1	14	15	2	s.	M. T. Ashley.
Northboro	Page	1,048	1	82.5		108	8	53	23	49	0.65		0.60	0	2	25	5	1	se.	J. M. Darby.
Odebolt	Sac	1,356	16	78.0	+ 4.3	101	3	49	29	40	2.23	− 1.37	1.30	0	4	19	8	4		E. Starner.
Onawa	Monona	1,051	13	79.7	+ 5.5	101	15	50	29	39	3.28	− 1.86	1.75	0	7	22	9	0	nw.	C. G. Perkins.
Pacific Junction	Mills	960	14	79.4	+ 5.9	105	8	44	1	53	0.83	− 3.00	0.83	0	1	19	12	0	s.	H. H. McCartney.
Rock Rapids	Lyon	1,358	14	74.3	+ 4.0	96	27†	47	30	44	1.21	− 1.22	0.85	0	2	22	9	0	n.	W. C. Wyckoff.
Sheldon	O'Brien	1,422	13																	Geo. Aupperle.
Sibley	Osceola	1,212	20	74.0	+ 5.1	97	15	44	29	40	2.07	− 1.59	1.17	0	11	16	9	6	se.	H. G. Doolittle.
Sioux Center	Sioux		14	74.5	+ 3.4	95	27	50	29	34	1.09	− 2.54	0.98	0	2	19	9	3	s.	J. de Ruyter.
Sioux City	Woodbury	1,135	24	77.1	+ 4.5	99	15	52	30	38	1.88	− 1.12	0.75	0	11	16	9	6	se.	U. S. Weather Bureau.
Spencer	Clay		3	72.4		97		47	29	38	5.71		3.50	0	7					S. Gillespie.
Thurman	Fremont		16	79.6	+ 5.8	105	8	45	23	54	0.08	− 4.31	0.08	0	1	9	22	0	sw.	C. R. Paul.
Washta	Cherokee	1,157	15	73.9	+ 1.3	100	3	40	29	48	3.35	+ 0.57	1.14	0	7	21	6	4	s.	H. L. Felter.
Kansas.																				
Abilene	Dickinson	1,157	18								T.	− 3.16	T.	0	0	23	7	1	sw.	T. W. Sherman.
Agricultural College	Riley	1,100	55	85.0	+ 8.2	109	12	46	29	52	0.65	− 3.07	0.60	0	2	23	7	1	s.	Prof. J. O. Hamilton.
Alton	Osborne	1,651	11	85.7		112	13	48	1	53	T.	− 2.76	T.	0	0	27	4	0	s.	H. A. Storer.
Atchison	Atchison	973	22	84.0	+ 7.8	108	5	54	29	50	0.94	− 3.50	0.33	0	4	28	3	0	se.	Prof. E. M. Stahl.
Beloit	Mitchell	1,383	18	84.8		109	15	48	1†	51	0.18	− 2.56	0.08	0	3	12	19	0	s.	F. A. Slack.
Blakeman	Rawlins	2,894	16	78.4	+ 5.2	105	9†	41	1	57	1.61	− 1.06	0.57	0	5	28	2	1	se.	C. L. Henderson.
Blue Rapids	Marshall	1,105	7								0.21		0.10	0	3	23	4	4		M. Norton.
Centralia	Nemaha	1,256	4	84.5		111	5	47	29	50	0.06		0.04	0	2	25	6	0	sw.	N. S. Hazen.
Clay Center	Clay	1,203	12	87.4	+10.3	113	4†	48	29	55	0.03	− 4.38	0.03	0	1	17	8	6	sw.	O. L. Slade.
Colby	Thomas	3,138	22	79.8	+ 5.1	106	9	50	1	43	0.62	− 1.72	0.28	0	4	20	11	0	sw.	G. H. Kinkel.
Concordia	Cloud	1,398	29	85.0	+ 8.5	107	5	53	23	44	0.30	− 2.51	0.28	0	3	14	17	0	s.	U. S. Weather Bureau.
Densmore	Norton	2,200	4	83.8		109	29	51	28	55	T.		T.	0	0	31	0	0	s.	Miss Irene Vaughn.
Dresden	Decatur	2,731	19	82.1	+ 7.1	108	9	55	1†	45	0.26	− 2.61	0.14	0	3	27	1	3	sw.	Jacob Bock.
Ellsworth	Ellsworth	1,537	9	86.6		110	12†	50	1†	51	0.54		0.25	0	3					Geo. Seitz.
Emmett	Pottawatomie	1,024	1								1.03		0.61	0	4	23	8	0	s.	Frank Zina.
Eskridge	Wabaunsee	1,412	7	86.0		106	12	59	23	36	0.07		0.05	0	2	27	4	0	s.	Geo. D. West.
Farnsworth	Lane	2,850	12	82.6	+ 6.4	107	7†	48	23	50	0.31	− 2.46	0.31	0	1	30	1	0	s.	G. M. Jennison.
Fort Scott	Bourbon	857	38	83.6	+ 5.4	107	28	52	29†	50	0.87	− 2.87	0.55	0	4	28	0	3	sw.	E. A. Shaver.
Frankfort	Marshall	1,146	19	85.2	+ 8.9	113	8	47	29	54	0.54	− 4.34	0.54	0	1	23	8	0	s.	W. W. Watson.
Garnett	Anderson	950	7	86.0		108	11	59	29	43	0.77		0.75	0	2	21	10	0	s.	D. D. Judy.
Goodland	Sherman	3,687	6																	C. C. Calvert.
Grainfield	Gove	2,813				104[o]	30	57[o]	29†	47[o]						4[o]	11[o]	1[o]		C. A. Bolster.
Hanover	Washington	1,225	16	84.4	+ 7.6	109	5†	50	29	53	1.14	− 3.09	0.71	0	3	27	2	2	s.	A. Jaedicke, jr.
Harrison	Jewell	1,804	12	82.9	+ 7.6	107	5†	46	1	49	T.	− 3.68	T.	0	0	31	0	0	s.	Mahlon Tegley.
Hays	Ellis	2,000	45	82.8	+ 6.2	107	8	49	29	50	0.11	− 2.96	0.06	0	2	17	13	1	sw.	G. K. Helder.
Hill City	Graham	2,134	5	84.2		108	7†	48	2	57	1.01		0.90	0	2	26[c]	2[c]	0[c]	s.	C. A. G. Inlow.
Holton	Jackson	1,043	2	86.6		110	5	48	29	48	0.87		0.37	0	3	16	15	0	s.	Miss Thamar Richey.

TABLE 1.—*Climatological data for August, 1913. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
***Kansas*—Continued.**																				
Horton	Brown	1,188	24	84.4	+ 8.9	106	5†	57	23	44	0.40	− 3.63	0.23	0	2	20	11	0	s.	Mrs. S. C. Belden.
Hoxie	Sheridan	2,700	14	81.4	+ 5.0	108	9	49	1	48	0.53	− 2.36	0.43	0	2	17	14	0	s.	I. L. Vinson.
Lawrence	Douglas	997	45	.....	.....	105	7	.....	.....	.....	2.50	− 1.74	2.50	0	1	18	13	0	sw.	R. K. Young.
Leavenworth	Leavenworth	913	69	85.0	+ 8.8	105	5†	57	29	43	0.49	− 3.66	0.34	0	2	28	2	1	s.	Dr. A. F. Yohe.
Lebanon	Smith	1,812	15	84.8	+ 8.4	109	25†	55	23	47	0.02	− 3.09	0.02	0	1	28	3	0	s.	E. V. Bower.
Lenora	Norton	2,300	.....	.....	.....	.....	.....	.....	.....	.....	0.31	.....	0.23	0	3	.....	.....	.....	.....	J. S. Goodrich.
Leoti	Wichita	3,300	10	80.2	.....	106	9	47	1	45	0.58	.....	0.50	0	2	28	2	1	s.	L. E. Gorsuch.
Lincoln	Lincoln	1,374	1	86.2	.....	109	6†	49	23	50	0.29	.....	0.23	0	2	26	5	0	s.	R. W. Greene.
Lindsborg	McPherson	1,333	7	.....	.....	.....	.....	.....	.....	.....	0.62	.....	0.37	0	3	26	5	0	s.	A. J. Frederickson.
McCracken	Rush	2,139	1	82.6	.....	106	6†	49	1	47	0.21	.....	0.15	0	3	25	6	0	s.	E. D. Floyd.
Minneapolis	Ottawa	1,259	23	85.2	+ 7.9	109	5	53	2†	45	0.49	− 2.81	0.49	0	1	28	3	0	s.	J. L. Steele.
Moran	Allen	1,098	17	86.0	+ 7.8	110	28	55	29	42	0.37	− 3.80	0.35	0	2	24	7	0	sw.	C. J. Norton.
Natoma	Osborne	1,834	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. O. Hunt.
Norton	Norton	2,284	15	83.2	+ 7.2	110	8	53	1	46	T.	− 2.66	T.	0	0	27	4	0	se.	Sim Sleffel.
Oberlin	Decatur	2,539	26	81.4	.....	108	8†	48	1	54	0.77	− 2.15	0.35	0	4	24	7	0	s.	I. K. Huber.
Oketo	Marshall	1,194	5	84.8	.....	108	5†	48	29	48	0.32	.....	0.22	0	3	12	19	0	sw.	J. A. Church.
Olathe	Johnson	1,032	18	86.1	+ 9.5	111	7†	50	29	48	0.38	− 4.70	0.23	0	2	24	7	0	sw.	Dr. S. B. S. Wilson.
Oskaloosa	Jefferson	991	.....	.....	.....	.....	.....	.....	.....	.....	0.34	.....	0.34	0	1	.....	.....	.....	.....	Ralph Snyder.
Ottawa	Franklin	926	19	85.0	+ 8.6	108	12	53	23	46	0.71	− 3.87	0.47	0	3	27	3	1	s.	W. J. Sheldon.
Phillipsburg	Phillips	1,939	22	84.0	+ 7.9	109	8†	51	1	52	0.02	− 2.93	0.02	0	1	24	7	0	sw.	N. E. Bailey.
Plainville	Rooks	2,156	7	.....	.....	.....	.....	.....	.....	.....	0.07	.....	0.07	0	1	27	4	0	sw.	P. D. Spellman.
Pleasanton	Linn	862	11	86.0	+ 9.5	107	12†	53	23	47	0.05	− 3.97	0.05	0	1	26	5	0	sw.	B. F. Blaker.
Quenemo	Osage	941	1	.....	.....	.....	.....	.....	.....	.....	0.04	.....	0.04	0	1	28	3	0	sw.	R. L. Graham.
Republic	Republic	1,495	10	83.4	.....	109	13†	46	1†	54	T.	.....	T.	0	0	.....	.....	.....	.....	J. W. Ambrose.
Russell	Russell	1,834	14	85.0	+ 7.6	108	5†	50	1†	48	0.22	− 2.87	0.22	0	1	28	3	0	s.	Robert Brebner.
Russell Springs	Logan	.....	3	82.9	.....	109	9	50	1	47	0.43	.....	0.23	0	2	30	1	0	s.	D. J. Hutto.
St. Francis	Cheyenne	3,288	5	79.8	.....	107	15	46	1	53	0.53	.....	0.36	0	5	18	13	0	sw.	J. E. Uplinger.
Salina	Saline	1,227	29	86.0	+ 8.1	108	12	50	23	46	T.	− 3.06	T.	0	0	27	4	0	s.	Prof. A. W. Jones.
Scott	Scott	2,971	7	82.1	.....	108	25†	50	23	48	0.35	.....	0.14	0	4	31	0	0	s.	J. B. Loughran.
Smith Center	Smith	1,800	3	84.9	.....	110	5†	49	1†	54	T.	.....	T.	0	0	22	9	0	se.	W. H. Nelson.
Topeka	Shawnee	997	27	85.0	+ 9.0	105	12	57	29	39	1.56	− 2.73	0.80	0	4	24	7	0	s.	U. S. Weather Bureau.
Tribune	Greeley	3,612	14	78.9	.....	105	9	51	1	42	0.25	− 1.51	0.25	0	1	26	5	0	s.	Charles E. Cassel.
Valley Falls	Jefferson	913	14	84.4	+ 8.9	108	5†	47	29	48	1.80	− 2.23	0.90	0	3	29	2	0	s.	Miss Nettie Maxwell.
Vinland	Douglas	880	4	.....	.....	.....	.....	.....	.....	.....	0.14	.....	0.14	0	1	.....	.....	.....	.....	A. Schick.
Wakeeney	Trego	2,456	30	84.0	+ 7.0	106	8	55	1†	43	0.32	− 1.95	0.24	0	3	31	0	0	s.	A. S. Peacock.
Wallace	Wallace	3,303	43	81.5	+ 6.7	108	9	48	1	48	0.31	− 1.72	0.20	0	2	28	3	0	s.	J. L. Page.
Wamego	Pottawatomie	1,002	20	85.7	.....	107	7†	52	29	43	0.10	− 4.56	0.10	0	1	23	9	0	sw.	M. L. Stone.
Missouri.																				
Amoret	Bates	850	5	86.2	.....	109	31	54	23	45	0.20	.....	0.20	0	1	23	8	0	sw.	Darby Fruit Farm.
Appleton City	St. Clair	853	24	.....	.....	108	6†	45	17	.....	0.00	− 4.00	0.00	0	0	26	5	0	s.	Robert Brown.
Arlington	Phelps	695	10	.....	.....	.....	.....	.....	.....	.....	0.14	− 3.97	0.10	0	2	24	5	2	s.	G. V. Randolph.
Arthur	Vernon	767	21	86.0	+ 9.8	107	4†	50	22	47	0.15	− 3.78	0.15	0	1	28	2	1	sw.	J. T. Armstrong.
Avalon	Livingston	.....	29	83.4	+ 6.8	106	31	56	23†	39	2.50	− 1.46	1.50	0	4	28	3	0	sw.	F. G. Ashbaugh.
Bagnell	Miller	594	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. O. Brockman.
Bethany	Harrison	881	24	85.4	+11.1	103	9	50	29	44	2.50	− 1.67	1.64	0	2	28	2	1	sw.	W. H. Skinner.
Bolivar	Polk	1,070	26	85.6	+ 8.8	108	4†	52	30	54	T.	− 3.66	T.	0	0	26	5	0	sw.	A. C. Fink.
Boonville	Cooper	600	38	.....	.....	.....	.....	.....	.....	.....	0.99	− 2.41	0.98	0	2	27	0	4	se.	C. Randecker.
Brunswick	Chariton	652	35	81.4	+ 6.0	103	31	54	30†	49	1.51	− 2.51	0.79	0	3	18	8	5	e.	Louis Benecke.
Clinton	Henry	800	27	86.2	.....	110	12	42	29	52	0.25	− 3.10	0.25	0	1	26	5	0	se.	A. E. Derwent, M. D.
Columbia	Boone	784	24	83.0	+ 8.3	105	7	53	29	43	0.77	− 2.27	0.50	0	4	14	14	3	s.	U. S. Weather Bureau.
Conception	Nodaway	982	29	82.2	+ 8.3	104	8	58	6	42	0.63	− 3.25	0.54	0	4	19	12	0	sw.	Fr. Adhelm Hess.
Crocker	Pulaski	1,300	3	83.2	.....	106	7	52	30	51	0.72	.....	0.72	0	1	24	7	0	s.	Ira H. Stephens.
Duncan	Webster	.....	1	80.8	.....	105	6	52	23	47	0.79	.....	0.63	0	2	21	10	0	s.	C. A. Mingus.
Eldon	Miller	934	2	84.9	.....	108	7†	54	30	50	0.22	.....	0.16	0	3	12	19	0	s.	Charles A. Kellogg.
Fayette	Howard	725	31	84.0	+ 8.0	106	31	52	29	41	0.38	− 2.58	0.37	0	2	.....	.....	.....	.....	Prof. T. B. Smith.
Fulton	Callaway	818	23	83.3	+ 7.0	106	7†	49	31	53	1.35	− 1.95	1.00	0	3	19[b]	8[b]	2[b]	.....	Russell Johnston.
Glasgow	Howard	618	35	.....	.....	.....	.....	.....	.....	.....	0.64	− 2.46	0.64	0	1	26	4	1	s.	J. J. Shaughnessy.
Grant City	Worth	1,130	22	82.0	+ 7.5	109	8	54	30†	53	1.56	− 2.30	0.70	0	4	28	2	1	s.	W. H. Campbell.
Harrisonville	Cass	912	42	85.8	+10.5	108	5†	52	29	50	0.34	− 3.71	0.20	0	4	15	5	11	sw.	A. J. Sharp.
Hazelhurst	Livingston	.....	21	.....	.....	.....	.....	.....	.....	.....	1.84	− 1.67	0.96	0	4	.....	.....	.....	.....	W. H. Baker.
Hermann	Gasconade	482	40	.....	.....	.....	.....	.....	.....	.....	0.42	− 2.48	0.22	0	3	22	5	4	s.	C. T. Maushund.
Houston	Texas	1,280	22	79.7	+ 4.6	106	6	45	30	55	0.60	− 2.94	0.60	0	1	10	21	0	sw.	E. Dempsey.
Jefferson City	Cole	628	32	82.4	+ 5.7	109	7	51	30	49	2.20	− 0.39	1.30	0	2	25	2	4	s.	Miss Emma Swift.
Kansas City	Jackson	963	26	85.4	+ 9.6	103	5	63	29	31	0.93	− 3.82	0.85	0	4	21	10	0	s.	U. S. Weather Bureau.
Kidder	Caldwell	1,017	23	83.4	+ 8.3	106	8	55	1†	35	1.50	− 2.54	1.15	0	3	27	3	1	sw.	J. F. Sharp.
Lamonte	Pettis	863	26	83.2	.....	106	7†	47	28†	56	1.03	− 2.45	1.03	0	1	18	12	1	sw.	J. Ed. Hall.
Lebanon	Laclede	1,265	25	82.4	+ 6.0	103	28†	54	23†	36	0.91	− 2.29	0.60	0	3	18	12	1	s.	M. W. Serl.
Lexington	Lafayette	813	32	83.4	+ 7.8	105	12	52	30	50	0.18	− 3.06	0.16	0	2	27	0	4	s.	J. W. Keithley.
Liberty	Clay	864	26	86.0	+ 9.7	108	12	56	29	47	0.58	− 3.68	0.58	0	1	18	13	0	s.	W. C. Wilmott.
Lockwood	Dade	1,088	18	83.3	.....	103	27†	55	23	41	0.83	− 3.35	0.51	0	3	26	5	0	se.	C. S. Crow.
Marshall	Saline	779	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. W. H. Black.
Maryville	Nodaway	1,160	24	81.3	+ 6.8	108	5	54	23†	41	2.02	− 2.44	0.93	0	4	28	1	2	s.	J. R. Brink.
Mount Vernon	Lawrence	1,480	37	84.0[e]	+ 6.4	104	5	49	24	52	0.20	− 3.90	0.20	0	1	23[e]	1[e]	0[e]	sw.	J. R. White & Son.
Nevada	Vernon	860	20	.....	.....	.....	.....	.....	.....	.....	0.19	− 3.58	0.19	0	1	30	1	0	sw.	C. Jewell.
Oregon	Holt	1,113	59	83.6	+ 8.5	106	8	55	29	37	0.53	− 3.77	0.41	0	4	16	15	0	s.	Tom Curry.
Osceola	St. Clair	738	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. E. Matthews.
Pattonsburg	Daviess	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Garrie Burton.
Rolla	Phelps	1,139	33	83.0	+ 7.9	106	7	52	30	47	1.20	− 2.52	1.10	0	3	29	2	0	s.	Prof. P. J. Wilkins.
St. Charles	St. Charles	614	36	82.6	+ 6.2	105	6†	57	23†	44	2.67	− 0.28	2.05	0	6	18	11	2	s.	L. C. Saeger.
St. Joseph	Buchanan	967	42	84.4	.....	105	5	56	23	45	0.47	− 3.38	0.26	0	3	22	9	0	s.	U. S. Weather Bureau.
St. Louis (1)	St. Louis City	567	43	83.0	+ 5.8	101	28	64	23	29	1.59	− 1.07	1.21	0	4	15	12	4	s.	Do.
St. Louis (2)	do	578	2	82.9	.....	102	6	61	23	29	1.65	.....	1.46	0	4	18	10	3	se.	St. Louis University.
Sublett	Adair	1,000	34	81.5	+ 7.1	104	7†	50	27†	47	0.70	− 2.57	0.50	0	2	16	15	0	sw.	Lewis Spriggs.
Tarkio	Atchison	.....	2	83.9	.....	108	7	52	23†	46	0.70	.....	0.30	0	3	28[a]	2[a]	0[a]	s.	Prof. M. H. Rees.
Trenton	Grundy	812	19	81.1	+ 6.1	102	7	55	23	37	1.22	− 2.40	0.96	0	4	23	5	3	s.	W. H. Estes.
Unionville	Putnam	1,072	21	80.6	+ 5.1	104	8†	51	24	44	0.89	− 3.13	0.35	0	4	16	8	7	s.	Geo. W. Davis.
Warrensburg	Johnson	883	34	86.1	+ 9.3	107	12†	57	23†	46	0.11	− 3.41	0.06	0	2	24	7	0	sw.	A. F. Smithson.
Warrenton	Warren	865	23	83.7	+ 7.1	106	7†	58	23	39	0.74	− 2.00	0.41	0	5	19	6	6	s.	Prof. J. H. Frick.
Warsaw	Benton	700	10	85.6	+ 7.4	109	5†	48	30	57	2.29	− 1.99	1.73	0	3	19	12	0	sw.	J. R. Smith, M. D.
Wheatland	Hickory	920	22	.....	.....	.....	.....	.....	.....	.....	0.65	− 2.62	0.60	0	2	23	8	0	s.	Mrs. S. A. Jackson.

[a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.
** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.
† Also on other dates.
‡ All temperature normals for Montana used in this table have been reduced to the 33-year period.
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for August, 1913. District No. 6, Missouri Valley.*

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Wyoming.																																	
Arapahoe	Bighorn				.18																							.05			.02		0.25
Basin	do									.11																							0.11
Big Creek Station	North Platte				.02	.16						.08		T.											.02						.39		0.67
Boyd	Cheyenne				.09	.40	.33											.01						T.				.02			.04		0.89
Burns	South Platte					1.20						.21																.10			.30	T.	1.81
Casper	North Platte			T.	.23	T.								T.														T.			.56		0.79
Centennial	do		T.	T.	.11	.14	T.			.01	.02	.20			.20						.01	T.		T.		.01	T.		.05		T.	T.	0.75
Cheyenne	South Platte				.29	T.	.07			.04	T.	.01	T.				.27	.18			.02		T.					T.	.09		.46	T.	1.43
Chugwater	North Platte																																
Clark	Yellowstone		.07	.10	.32	.01	T.		.09	.18				.05		T.											T.	.04		T.	T.		0.86
Cody	Bighorn				.02	.08				.15																	.03			.21	.05		0.54
Crandall Creek	Yellowstone			T.	.10	.10	.05		.07	.44			.05			T.	T.										T.	.01			T.	.01	0.83
Dome Lake	Tongue				.15	.12	.08	.12	.10																						.40	.20	1.17
Douglas	North Platte			T.	.16	T.						.10																T.			.21		0.47
Dubois	Bighorn													T.										.12									0.12
Eatons Rranch	Tongue									.70																					T.		0.70
Echeta	Powder				.40													.05										T.					0.45
Elk Mountain	North Platte				.06	.24																											0.30
Encampment	do				.10	.25						T.								.02						T.	T.		T.				0.37
Ervay	Powder				.08					.06		.04																T.			.88		1.06
Fort Laramie	North Platte					.12	.39																									.40	0.91
Foxpark	do			.20		T.						.30						T.									T.	T.	T.			.36	0.86
Germania	Bighorn					.04				.04																		.09		.05			0.22
Gillette	Powder																																
Horse Creek	Bighorn		.42		.03	.54	T.			.05				.03																	.20	.09	1.36
Hunters Station	Powder				.30	.65					.04																	.01			.15		1.15
Hyattville	Bighorn																																0.00
Jireh	Niobrara				.02	.01						.08			T.															.01	1.38	.03	1.53
Kinnear	Bighorn																																
Kirtley	Niobrara					.04																									.16		0.20
Kirwin	Bighorn			.05	.02	.20	.40			.05				.02										.25	.10			.05	.01				1.15
Knowles	Cheyenne				T.		.44				T.										.33										T.		0.77
Lagrange	North Platte					.43						.14			.01			.97	.35										.17			.66	2.73
Lander	Bighorn			T.	.02					.02														T.			T.	.04			.02		0.10
Laramie	North Platte				.21	.31					.11						.02		.02			.11									.15	.43	1.36
Leo	do																																
Lolabama Ranch	Yellowstone						.05	.10	.10	.40																							0.65
Lovell	Bighorn																																
Lusk	Niobrara																														.25		0.25
Manville	do					.05						.03																			.68		0.76
Moorcroft	Cheyenne					.04	.26							.02														T.			T.		0.32
Moore	North Platte			T.		.70	T.																					T.			.40		1.10
Newcastle	Cheyenne				.07	.51	.05																										0.63
Pathfinder	North Platte				.08	.22	T.			T.				T.																T.	.01		0.31
Pinebluff	South Platte						.36	.04					.16	.12			T.		T.	T.	3.62								.12				.22	4.64
Pine Ridge	Cheyenne				.10	.01	1.62	.02			.02		.16				T.														T.		1.93
Powell	Bighorn										.13																	.10			.01		0.24
Rawlins	North Platte		T.	T.	.33	.03				.04														T.					T.		1.18	T.	1.58
Rock River	do				T.	.64	T.			T.		T.												T.							.02		0.66
Rockypoint	Powder					.20	.29				.15																						0.64
Saratoga	North Platte				.01							.02																	.10				0.13
Seven-Mile Creek	do				.19	.54						.26														.10					.11	.01	1.21
Sheridan	Tongue				.08		.01			.10																		T.		.01	T.		0.20
Shoshone Dam	Bighorn		.02		.20	.10	T.		T.	.22				T.										T.			.10	.20		.35	.14		1.33
South Pass City	North Platte		T.	.01		T.				.02				T.																	.02		0.05
Sundance	Cheyenne				.20	.05	.80							.20																			1.25
Thermopolis	Bighorn				.03	.14	.07																					.06					0.30
Ulm	Tongue				.12	.07	T.				.41		.03																		.01		0.64
Upton	Cheyenne				.11	T.	.11	T.																									0.22
Verona	Tongue				.19				.15	.25																							0.59
Wheatland	North Platte				T.	.40				T.		T.																	T.		.35		0.75
Wiants Ranch	do			T.		1.02				T.	.04												.10		.04						.13	T.	1.33
Woodrock	Tongue				.35	.20	.06			T.																		.32		.06	.15		1.14
Worland	Bighorn				.08	.11	.03			.02	.05																T.	T.			.01		0.30
Wyncote	North Platte					T.	.06						.14																			.51	0.71
Yellowstone Park	Yellowstone			T.	.13	T.	.01		.52	.46		T.		T.										.28			T.			.01	.17	T.	1.58
Fountain	Madison			.02	.04	.10			.01	.01																				.01	.01	.01	0.21
Gallatin	Gallatin			T.	T.	T.			T.	.10																						.10	0.20
Grand Canyon	Yellowstone				.06	T.	.04		T.	.16	T.		.09	T.														.05	.01		.05	.05	0.51
Lake Yellowstone	do		.01		.25	.02	.01			.35			.08	.05																	.06	.05	0.88
Norris	Madison				.01		.01		.01	.20				.01														.01					0.25
Riverside	do									.90																						.35	1.25
Soda Butte	Yellowstone								T.	.42																				T.	T.		0.42
Sylvan Pass	Bighorn			.08	.15	.01	.01			.45	.01		.09											.02				.02		.01	.40		1.25
Thumb	Yellowstone		T.		.03	.22	.05			.30	T.																	.06		T.	.30		0.96
Tower Falls	do	.02			.12		T.		.10	.36	.04		.03											.02			.03	T.		.01	.09	T.	0.82
Upper Geyser Basin.	Madison				.12	.09				.23		.08		.02													.02			.18	.11		0.85
Montana.																																	
Absarokee	Yellowstone								.01	1.65							T.										.07	.06			.02		1.81
Adel	Missouri				.65	.52			.18	T.	T.		T.	.26	.04		T.	T.	T.					T.						T.		.02	1.67
Agricultural College	Gallatin		.02						.11	T.																		.02		.75			0.90
Augusta	Missouri								.40	.05				.30				.05															0.80
Babb	St. Marys																																
Bald Butte	Missouri				.24	.10	.07		.35	.18	.11		.01	.25				.38						.05									1.74
Bigtimber	Yellowstone				.08					.85																					.14		1.07
Billings	do			.04	T.			T.	.04	1.04								T.						T.				.04		.05	.20		1.41
Blackleaf	Missouri		T.		T.	.06			.70	.30	.18		T.	.04	.45			T.	.20								.34						1.93
Boulder Nursery	Jefferson		.30		.09	T.	.06		.16	.21		.06	T.		T.		.09	T.									.02						1.31
Bowen	do						.15	.05						.01																			0.23
Box Elder	Milk		.05				.16	.05	.11	.37			T.	.05	.19	.05		.06										T.					1.09
Bridger	Yellowstone			.08	.08		.07			.35																					.02		0.60
Broadview	do																																
Browning	Marias								.85	.75	.10				.35			.20															2.25
Busby	Yellowstone				.21					.53	.01																				.16	T.	0.91
Busteed	do		T.	.02	.01		.07		.10	.85				.02					.06					T.						.14	.01		1.28
Canyon Ferry	Missouri				.08		.01		.22	.14			.05					.05	T.														0.55
Cascade	do		T.		.06	.01			.22	.02	T.	.01	.06	.05	.06			.01	.07					T.			T.						0.57
Chester	Marias			.04			.02			.25				.65	.70	.60																	2.26
Chinook	Milk			T.			.16	.12	.15	.19	T.				.74	T.		.06															1.42
Clearcreek	do																																

TABLE 2.—*Daily precipitation for August, 1913. District No. 6*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Montana—Contd.																																	
Clydepark	Yellowstone		T.	.24	.07	.02	.03			.08	.02			T.	T.				T.					T.		T.	T.	.03		T.	.28	T.	0.77
Conrad	Marias							T.	.16	T.			T.	.05	.12					T.	T.	.05											0.38
Copper	Missouri				.06	T.		T.	.08	.30			.04		.06		.05		.08														0.67
Crow Agency	Big Horn				.05		.28			.60																				.06	.05		1.04
Culbertson	Missouri					.12	.04	.10	.10	.15	.45		.48		.05			.65		.35	.30									.01			2.80
Cut Bank	Marias													T.	.65			.30														.10	1.05
Denton	Missouri		T.				T.	.02	.02	.02	.01		T.	.18	.15		T.	.02	.03								T.			T.			0.45
Dillon	Jefferson	T.					.16		.09	.31		.09	.11				.23	.18												.62	T.		1.79
Dry Wolf Camp	Missouri																																
Dunkirk	Marias		.10			.09			.13	.17					.69			.50	.35													.40	2.43
Ekalaka	Lt. Missouri				.07		.40	.06		.12	.42																						1.07
Fallon	Yellowstone						.37	.27										2.50		1.10													4.24
Findon	Missouri			T.	.05	.06				.44					.10		.03	.06	.06												.06	.03	0.89
Flathead Creek	Yellowstone				.12				T.	.28									.18													T.	0.58
Flatwillow	Missouri			T.			.14	.02	T.	.46	.01								.06	.04										.13			0.86
Forsyth	Yellowstone							.20	.45	.55										.04													1.24
Fort Benton	Missouri																																
Fort Shaw	do		T.		T.				.24	T.	T.			.02	.03			.21	.04														0.54
Foster	Big Horn				T.				T.	1.03	T.																	T.		.01	.12		1.16
Garnell	Missouri		.05		.05	T.	T.	T.	T.	.75	.15	.05		T.			T.		.45								.05			.04			1.59
Geyser	do				.06								.01		.20			.03		.02												.05	0.37
Glasgow ‖	Milk						.23	.06	.01	.54			.03				.24																1.11
Glendive	Yellowstone			.15			.25	T.		.60	T.			T.			.07	.90		.25													2.22
Goldbutte	Marias		.15		.17				.16	.09				.24	.37			1.28	.04											T.		.17	2.67
Graham	Powder						.62	.07			.38																						1.07
Great Falls	Missouri				T.		.07		.25	.24	.01		T.	.41	T.			T.	.13											T.			1.11
Harlowton	do								.05	.12	.10								.27														0.54
Havre	Milk		.01				.04	.05	.08	.35			T.	.06	.06			.09									T.							0.74
Hebgen Dam	Madison			.08	.16				.52	.03																				T.			0.79
Helena	Missouri		T.		.02	T.	.18		.28	.04		T.	.07	T.	T.		.01	T.						T.			T.			T.			0.60
Highwood	do				.17		.10	.09		.80			.25	.23	.10			.08														.01	1.83
Huntley	Yellowstone									1.11																					.15		1.26
Jordan	Missouri																																
Knobles Ranch	Milk		*	.17		.52			.35	.15			.05	.35	.56			1.50	T.											*	.20	3.85
Lewistown ‖	Missouri					.02	.47	T.	.17	T.	.15					.17				.14										T.			1.12
Lonetree	do							.15	.20	.04				.20	.07																		0.66
Lothair	Marias		.25		T.			.05	.20				T.		.95				.65											T.		T.	2.10
Lytle	Missouri		.11			T.	T.	T.	.14	.05	.14		.05	.20	.90			.14	.36														2.09
Malta	Milk			.04			.31		.11	.06	.31			.04	.25						.55												1.67
Medicine Lake	Missouri						.08		.06	.10	.60							.23		.07													1.14
Melstone	do							.04	.06	.41																				.07			0.58
Mildred	Yellowstone						.47	.54		.53							.03	2.66										T.					4.23
Miles City	do					.02	.90	.10	.20	.68						.04		.16	.02	.12													2.24
Norris	Madison									.15			.06						.02												.04		0.27
Olsen Creek	Jefferson																																
Pinegrove	Missouri				.10			.10		.35					.02					.18										.02	.08		0.85
Pipestone Pass	Jefferson		.10		1.01				.03						T.			T.	.01						.02				T.		T.		1.17
Plevna	Yellowstone					.09	.11	.19		.17	.27							.62		.09													1.54
Poplar	Missouri						.71	.20		.10	.65		T.					.48		T.	T.									T.			2.14
Red Lodge	Yellowstone						.03		.21	.60	.16			.03													.01	.01		.01			1.06
Renova	Jefferson			T.	.31				.02	.14			T.				T.		.07														0.54
Ryegate	Missouri									.50																						.08	0.58
Savage	Yellowstone			T.			.16		T.	.57	T.		.09		T.			.42		.12													1.36
Shelby	Marias		.05						.30	.73			.01	.27	.70			.70													.55		3.31
Sidney	Yellowstone						.43	.04	T.	.42	.40	T.	.05		T.			.73		.20											T.	T.	2.27
Springbrook	Missouri					.68	.04	.02	T.	.36	.22				T.		T.	.97		.26	.01									T.			2.56
Sunlit Farm	Milk			T.		T.	.15	.04	.14	.09	.13			.07	.63		.17	.05														.04	1.51
Sun River Canyon	Missouri	T.	T.					.62	.16	.13										.06													0.97
Three Forks	Madison									.14					.06		.03			.06								.08					0.37
Utica	Missouri				T.					.30	.05				T.				.24														0.59
Valentine	do						.05	.06			.29				.45			.27		.01										T.			1.13
Valier	Marias		.05						.38	.05				.74	.65				.01														1.88
Wall Rock M't'n	Missouri				.42	T.	T.		.11	.48		T.	T.		.03		.04									T.			T.		T.	T.	1.08
Wheaton	do				T.	.03			T.	.19	.15	T.	T.	T.					.38	.13	.14	.05		.31									1.38
Whites Ranch	Yellowstone																																
White Sul. Springs	Missouri					.03	.05		.19	.17	.09				T.			.07		.10													0.70
Wilder	do						T.	T.	T.	.16	.20		T.	T.	.02				T.	.03										T.			0.41
Wolf Creek	do		.01		.23				.34	.10			.04	.02		.15		.02	.03														0.94
North Dakota.																																	
Aplin	Knife						T.	.40	.04	.12	.95			.10				.20		.06								T.			T.		1.87
Arnegard	Missouri																																
Ashley	do						.10				.32							1.32			T.												1.74
Beach	Lt. Missouri						.60	.02	.04	.50	.48				.12			.85		.02								T.			T.		2.63
Belfield	Heart			T.			.63	T.	.03		1.40			T.			T.	1.05		.05													3.16
Berthold Agency	Missouri						.07		.08		1.10		.09		T.		T.	1.20		.04								T.		T.			2.58
Bismarck	do			T.	T.		.07	.02	.02	.07	.35			T.						.05	.14							T.			.05		0.77
Buford	do					.05	.20			.10	.92		.60					.55		.58													3.00
Carson	Heart							.55	T.	.17	.12																						0.84
Dickinson	do			T.		T.	.14	.38		.18	1.11				T.			.89										T.					2.70
Edgeley	James					.18			.10	.07	.39	.10	.02					.15	2.61		.02												3.64
Epping	Missouri						.36	.08	.02	.08	.96		.30		T.			.36		1.68													3.84
Fullerton	James				T.			.04	T.	.06	.72	.04	T.						1.71		.24												2.81
Garrison	Missouri						T.	.21	T.	.10	.92				.16	.08		1.16	.10	.21													2.94
Haley	Grand	T.				T.	.60	.05		.20	.05		.18							T.								T.			T.		1.08
Hettinger	do	.10						.50	.01																								0.61
Howard (near)	Missouri			T.		T.	.01	T.	T.	.02	.66		.11		T.			.19	.01	.56							T.	T.		T.	T.	T.	1.56
Jamestown ‖	James				.03			.04	.04	.06	.25	.33	.03	.04				.04	.52		1.35	.05											2.78
Krem	Knife																																
Lamoine	Missouri					.10		.12	T.	T.	*	.90						T.	T.	.36								T.					1.48
McHenry (near)	James							.40			.76		.53						.40	.70								T.					2.79
Marmarth (near)	Lt. Missouri						.94	.18		.25	.54		.01															T.					1.92
Marstonmoor	James				.13		T.	.14	T.	.15	.16	T.							.23	1.38	.45							T.			T.		2.64
Medora	Lt. Missouri						.05		.02	1.02					T.	1.01																	2.10
Melville	James							T.	T.		.90							.30		.77	.10							T.					2.07
Mott	Cannon Ball						.52		.04	.61					.03																		1.20
Napoleon ‖	Missouri							.10	.02	.10	.52	.04							1.25		.05												2.08
New England	Cannon Ball						.36	.30		.15	.90				T.																		1.71
New Rockford	James							.34		.03	1.25									1.48	.02							.01					3.13
New Salem	Heart							.17	.01	.09	.45							.17		.05													0.94

TABLE 2.—*Daily precipitation for August, 1913. District No. 6*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
North Dakota—Con.																																	
Orange	Cannon Ball						.53	.03		.16			T.																				0.72
Ranger	Lt. Missouri					.52	.41	.02	.09	.88	.02							.42					T.						T.				2.36
Ronda	Knife																																
Steele	Missouri							.19	.01	.25		.05						.13	.14	1.00	.24							T.			.03		2.04
Turtle Lake	do						.07	.26	.06	.07	.75					T.		.26		1.03								.02			T.		2.52
Washburn	do							.35		.04	.08							.28	.10	.75													1.60
Williston	do			T.		T.	.45	.01	T.	.69	.52		.16		.01			.38	.80	1.92	T.									T.			4.94
South Dakota.																																	
Aberdeen ‖	James																																
Academy	Missouri					T.	.09	.51	.05	.04	T.	.06	.08			.05	.43	.04		T.		.48											1.83
Alexandria	James					.62	.12			.18	.12		.04	T.			.53	.20	.03	T.	.25												2.09
Ardmore	Cheyenne				T.	.01	.08	.84					.02					.10											T.		.02	.12	1.19
Armour	Missouri						.42			.18				.18			1.02		.05														1.85
Bellefourche	Cheyenne					.05	.10	.27					.10																				0.52
Blunt	Missouri				.03	T.	.48				T.						.12	.04	1.70		.12												2.49
Britton	James							T.	.02		.12		.07				*	2.25			.15										T.		2.61
Brookings	Big Sioux							.10	.03		.44		.13		.12		.02		.06	.36		.07						T.					1.33
Bryant	do							.10		T.		.10	.07		T.		T.	.17				.23											0.67
Camp Crook	Lt. Missouri						.36	.27		.03	.26			.54																			1.46
Canton	Big Sioux		T.			T.	T.	.03	.04	.05	.81	T.	T.						.21	T.	.02	T.											1.16
Castlewood	do							.19		T.	T.		.12					.54	.02	T.		.13	T.						T.		T.		1.00
Centerville	Missouri				T.	T.	T.		.08		1.24		T.	.03	.06		.22		T.			.09							T.		T.	T.	1.72
Clark	James			T.				.19	T.	T.	.13	T.	.30			T.		1.02	T.			.15											1.79
Cottonwood	Missouri					.06	.11	.07				.09						1.03		.48													1.84
Custer	Cheyenne				.62	.16	.25											.99															2.02
Daviston	Owl																																
Deadwood	Cheyenne					.30	T.			.03				.85			.13	2.20										T.					3.51
Deerfield	do			.02	.07	.49	.41										.02	T.										.02			.03		1.06
De Smet	James							.31	T.	T.		.27																					0.58
Dowling	Cheyenne						.55	.85											1.25														2.65
Dumont	do					.16	.32																				T.						0.48
Eagle Butte	Grand																																
Eales	Missouri					T.		.87	.04	T.	T.		.12			T.	.83	T.	1.00		.06									T.		2.92
Elk Mountain	Cheyenne				.48	.12																											0.60
Ellingson	Grand					T.	.65	.15		.13	.10		.05	.08																			1.16
Eureka	Missouri							.20	.20	.01	.04				.07		T.		.91		.10												1.53
Fairfax	do						.10	.70		T.	.30	.05	.10	T.			1.02		.05	.08		.10		.05								.05	2.60
Faith	Cheyenne					T.	T.	1.30	.02									.26	T.		T.										T.		1.58
Faulkton	James							.25	.03		.09	.06	.05				.38		.09		.06												1.01
Flandreau	Big Sioux							.22	.13		.20		.01		.02		.90		.30	.50		.20											2.48
Forestburg	James							.38	.03		.74				.31			.26															1.72
Fort Meade	Cheyenne													.04		.24		.65															0.93
Frederick	James																																
Goldfield	Cheyenne				1.01	1.06	.85	.01					.01					1.00															3.94
Greenmont	do				.30	T.							.50					3.95										.20					4.95
Greenwood	Missouri						.03	.02		.08	1.59		.15				.49		.02	.13		.08		T.					T.			T.	2.59
Hardingrove	Cheyenne						.38	.69					T.	.02				T.	1.21		T.							T.					2.30
Hardy Ranger Sta	do			T.	.05	.04	.54	T.		.01		T.			T.			.30						T.				.03		T.			0.97
Hermosa	do			.02	.03	T.	.01											.80														.03	0.89
Highmore	Missouri				.02			.21			.01	.03	.19			T.	.45	T.	.10	.04		.15											1.20
Hopewell	Cheyenne				T.	T.		.60									T.		1.26														1.86
Hot Springs	do					.20	.40									.10			.20	.30											T.		1.20
Howard	Missouri				T.	T.	T.	.30	.11	.02	.30		.14		T.		.05	3.47		T.		.06						T.			T.		4.45
Howell	James				T.	T.		.35	.03	T.	.38	.01	.05			.02	.09	.01	T.	.04	.06							T.			T.		1.04
Huron	do							.39		T.	.01		.70			.01	T.	1.05	T.	T.	.05	.14									T.		2.35
Ipswich	do					T.		.16	.15	.04	.32	T.	T.				.54	.04	.32	.08	T.										T.		1.65
Kadoka	White					.03	.10	.05									.20	.40	.67		.37												1.82
Kennebec	Missouri						.06	.26					.37				.20	.45	.22			.50											2.06
Kimball	do					T.			.32	T.	.75		.14		.02	.02	.39					.15						T.					1.79
La Delle	James							.25			.04		.52			.03		.90	T.	T.	T.	.46						T.			T.		2.20
Lead	Cheyenne					.31		.07						.82			.03	1.87										.03					3.13
Marion	Missouri				T.		T.	.50	T.	T.	1.02		T.	T.	.45		.30		.29	T.		.26									T.		2.82
Marston	do					T.	.61	T.	T.				.01			T.	.04	.02	1.25		.05												1.98
Meadow	Grand				T.	T.	.50	.11		.02		.03						T.															0.66
Mellette	James			T.		T.		.08	.05		.24	.01	.01			T.	.04	.11	.20	.03		.35						T.			T.		1.21
Menno	do				T.		.05	.30		.60	.65		T.	.17			.25		.25		.20											T.	2.47
Milbank ‖	Minnesota						T.	.03	T.			.18		.07				.71	.82	1.42	.10	.08										T.	3.41
Mitchell ‖	James							.65	.15	.20	.05		.05	.05			.40	.11				.50											2.16
Mobridge	Missouri							.63	.38	.05	.02						.03		2.13		.05												3.29
Murdo	White					T.	T.																										T.
Oelrichs	Cheyenne			T.	.25	1.25	1.05					T.						.50															3.05
Onaka	James				.05		.49	.05			.36						.65																1.60
Onida	Missouri							.30					.09				.08		1.01														1.48
Orman	Cheyenne					.03	.03	.22			T.							.60		T.													0.28
Ottumwa	Missouri					.20		.33	T.				2.03						.75		.19												3.50
Parkston	James							T.	.35	.06	.04					.90																T.	1.35
Pearl Creek	do						.36	.05			.28	T.	.46					.12															1.27
Pierre	Missouri				.02	.01	.44	T.					.01			.04	.22	.41	.02	.04	.16												1.37
Pine Ridge	White					.41	.93	1.25					T.				.13	.60		T.													3.32
Plankinton	James				T.	T.		.40	.08		.12		.15		.23	.20	.08					.52										T.	1.78
Pollock ‖	Missouri							.45		.01	.09								.83			.26											1.64
Rapid City	Cheyenne				.14	.20	.34						.38					.04		T.	.02							T.					1.12
Rochford	do				.35	.11	.15											T.															0.61
Rosebud	White					.05	.24	.17		T.	T.		.49			.05	.20	1.18				.02									T.		2.40
Selby	Missouri				T.		.57		.16								.76				.22												1.71
Sioux Falls ‖	Big Sioux					T.	T.	.07	.16		.14	.54			.03		.20		T.	.23	T.	.07							T.		T.	T.	1.44
Sorum	Owl													.38	T.	T.		T.															0.38
Stephan	Missouri				.03	T.		.16		T.	.03		.14			T.	T.	.49	.08		T.	.21											1.14
Timber Lake	Grand							.78	.15	.02			.82						.48									T.					2.41
Tyndall	Missouri				T.	.03	.04	.06	T.	.08	2.31		T.	.04	.54		.08	.01	.04	T.		.15										T.	3.38
Vale	Cheyenne					.04	.04	.06			T.							T.	.04														0.18
Vermillion	Missouri									.07	.85			.04			.04					.03											1.03
Waters Ranch	Cheyenne					.03	.10				.03		.02					.01										.01					0.20
Watertown ‖	Big Sioux							.03	T.	T.				.06			T.	.25	.57	.38	T.	.10											1.39
Wentworth	do							.06	.21	.18	.02		.04		.44		.45	.30	.08	.21		.08											2.07
White Lake	Missouri					.10		.38	.22		.53		.15					.20				.23											1.81
Winner	White						.08	T.		T.	T.		T.			.05	.65				.48										.02		1.28
Wood	do						.11	.10	.05				.35				.15	.70				.44											1.93
Yankton	Missouri				T.		.03	T.		.67	1.59		.03	T.	.18		T.		.01	.40		.11							T.			.01	3.00

TABLE 2.—*Daily precipitation for August, 1913. District No. 6*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Minnesota.																																	
Pipestone	Big Sioux							.12	.14		.20	.02	.01		.06		.43		.15	.41	.03	.13							T.				1.70
Colorado.																																	
Arriba	Republican						.03			T.	.31	T.		T.	T.			T.		.07	.10	.15	.01		.10				T.				0.77
Auldhurst	South Platte	.22			.04	.01	.04			.71	.10	.39	.04	.01	T.		.07	.17	.01		1.22	.01	.26		.07	.02			.15				3.54
Bennett (near)	do						.01			.02	.16			T.				.12	.09		.08	.09		.04					.10			.06	0.77
Boulder	do												.28		.10		.16																0.54
Burlington	Republican						.40				.05	.10						.44		.91		1.35											3.25
Cassells	South Platte	T.	.02							T.	.40	.60				T.		.30		T.		.30			.40			.13	T.			.04	2.19
Castle Rock	do						.22			.10	.48	.10									.28		.80		.12				.07		.13		2.30
Cheesman	do						T.			.15	.17	.10		.31				.15	T.		.38	.39	.45		.17	T.			.20			.27	2.74
Cheyenne Wells	Smoky Hill						.05			T.	.10										.15	.39			T.								0.69
Denver	South Platte				T.	T.	.29	T.	T.	T.	T.	.01	.02	T.	.15		.09	.02		T.		.03		.03				T.	.08		.01	.12	0.85
Edgewater	do						.38				T.		.10	.03			.02	.02				.06							.05			.02	0.68
Estes Pk. Fish Hatch	do				T.	1.09	T.			.12	T.	T.	.05		T.			.25	.11	T.	T.		T.	T.	.30			T.		T.	T.	.24	2.16
Fort Collins	do					T.	T.			T.	T.		T.				.05		T.						T.				.10			.26	0.41
Fort Lupton	do					.01	.07				.05	.21					T.	.02							T.				.12			T.	0.48
Fort Morgan	do											.23																					0.23
Frances	do			.03		.60	.01			.06	.05	.10	.08	.25				.05	T.						.35			T.	.03		.07	.12	1.80
Frys Ranch	do				T.	.15	.03				.04	.09	.30	T.												T.	.30					.25	1.16
Georgetown ‖	do				.05		T.			.23	.07	.19	T.	.27			.02	T.	.05		.15	.03		.22	.03	.08	.01	.02			.03	.25	1.70
Greeley	do						.01				.02	.10					T.	.02														.01	0.18
Grover (near)	do											.30	.08				T.	T.				T.					T.					.40	0.78
Hartsel	do	.01	.03				.12			.04		.19	.70					.10		.59	.05			.16	.30	.04		.11	.10				2.54
Hawthorne	do						.03			T.	.18	T.	.41				.18	T.				.03			T.				.02		.04	.09	0.98
Holyoke (near)	Republican													.10			T.		.15			.02											0.27
Idaho Springs	South Platte				T.	T.	.10			.07	.30	.76	.09		T.			.32							.05							.16	1.85
Julesburg	do																																
Kersey	do																					.50										.80	1.30
La Porte	do						.12						.15												.03			.11				.21	0.62
Le Roy (near)	Republican						.02		T.	.02		.39	1.02	.17															T.			T.	1.62
Longmont ‖	South Platte					.01	.04								T.							.02						.02	.06				0.15
Longs Peak (near)	do																																
Merino	do					.04						.75							.30										T.				1.09
Moraine	do																																
Platte Canon	do																																
St. Cloud	do			T.	T.	T.	.06	T.	T.	.10	.07	.36	T.	T.				T.	T.							T.		.06	T.		.40	.18	1.23
Sedgwick	do								.08			.29	.05									T.											0.42
Silver Lake	do																																
Spicer (near)	North Platte					T.						.15											T.	T.				.20			.40	T.	0.75
Sterling	South Platte					.01							.98	T.				T.	.06										T.				1.05
Waterdale	do																																
Wray	Republican									.14		.32					.24				.15	.05											0.90
Yuma	do						T.						.60				T.	T.		.15		.30							T.				1.05
Nebraska.																																	
Ainsworth	Niobrara																																
Albion	Loup						.12	.46		.60	.72		1.02					.06			.16	.08		.04									3.26
Alliance	North Platte																.15					.15							.20			.25	0.75
Alma	Republican												T.		T.			.03				.03					T.						0.06
Arcadia	Loup									.22		1.55	.04										T.	.14									1.95
Arden ‖	do					.40	.06		.09	2.42			.98							.20		.08		T.	T.								4.23
Ashland	Platte					T.	T.			T.	.03	T.		.22					T.	T.	T.	T.										T.	0.25
Ashton	Loup							.27			1.11			1.80						.19			.02	.17									3.56
Atkinson ‖	Elkhorn						.15	T.			.54	.30		.12	.10					.20	T.	.08											1.49
Auburn ‖	Missouri	T.							T.			.57		.12				.41	.01				T.										1.11
Aurora	Blue									.61	.62		.18			.19		.18	.21				.03										2.02
Beatrice ‖	do											.43	.25						.05														0.73
Beaver City	Republican																																
Bellevue	Missouri					T.					.06	.05			.04						.07										T.		0.22
Benkelman	Republican																																
Bertrand ‖	do							.22			.65			.02									.48										1.37
Blair	Missouri						.01	T.	T.	T.	.26	.03		.03	T.				T.			T.									T.		0.33
Blake	Loup						.75			.08	.10		.62	.11	.06						T.	T.		.21								T.	1.96
Bloomfield	Missouri					T.	.10	.10			1.09		.12				.12	.25		.10		.19											2.07
Bradshaw ‖	Blue							.05	T.	.01	.71			.09							.15		.05			T.							1.06
Brewster	Loup						.21			.04	.12		1.84	.06	1.54					.05	.01	.02									T.		3.89
Bridgeport	North Platte					.27				.06		T.	.22			T.			.06										T.		T.	.23	0.84
Broken Bow ‖	Loup					.04				T.			1.05	.04					.10	T.		.06	T.										1.29
Bruning	Blue									.46	T.							T.				T.				T.							0.46
Burge	Niobrara						.41	.42									.50	1.50													T.		2.83
Burwell	Loup						.40			.20			.60							.06				.09									1.35
Butte	Niobrara				T.		.10	.25		T.	1.34		.05				.16			.16		.08											2.14
Cairo	Platte							.08			.47			T.								.13											0.68
Callaway	Loup													.07						.12		.04											0.23
Cambridge	Republican						.33			.46			.06	T.					.21			.15											1.18
Columbus ‖	Loup									.11	1.60			1.20					.06	.31													3.28
Crete	Blue									T.	.44		.03					.01		T.		T.		T.									0.48
Culbertson ‖	Republican							T.						T.						1.07	.02		.15										1.24
Curly	North Platte																																
Curtis	Republican									.03	.02		.33	.11	T.	T.				.33	T.	.11											0.96
Dalton ‖	North Platte						.18				.10								.15	.10									.07			.15	0.75
David City	Blue						.03		.11	.05	.67			.11						T.				T.									0.97
Du Bois	Missouri										.14						.06					T.		T.									0.20
Dumas	Loup					.30			.04	.22			.63	.12							.12		.14										1.63
Elm Creek ‖	Platte						.20			.36												.27											0.83
Elsie ‖	Republican													.21	.05					.02		.05											0.33
Ericson (near)	Loup					.31				.74			.40								T.	T.		.27									1.72
Ewing ‖	Elkhorn				T.	T.	.43			.05	.46		.37		.02					.09	T.	.28		.01				T.				T.	1.71
Exeter	Blue																														T.		T.
Fairbury ‖	do										.05	.17						1.06															1.28
Fairmont ‖	do									.11	.12			.10									T.										0.33
Falls City	Missouri					.08						.50		T.			T.		.33														0.91
Ft. Robinson ‖	White						.75	.20											.10													.15	1.20
Franklin ‖	Republican									.02			.05				.09					.02			.10								0.28
Fremont	Platte						T.		T.	T.	.45		.05		T.				.32														0.82
Fullerton	Loup							.65		.95	.31			.38						.25	T.	T.		.12									2.66
Geneva	Blue									.11	.10	T.		T.								T.											0.21
Genoa	Loup					T.	.32		.65	1.75		.40		T.					T.			.01		.04		.03				T.			3.20
Gordon	Niobrara					.11	.57	.11									.60																1.39
Gosper	Republican							.37		.67										.27		.44											1.75

TABLE 2.—*Daily precipitation for August, 1913. District No. 6*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Nebraska—Contd.																																	
Gothenburg	Platte									T.			.37	.03						.20		.15											0.75
Grand Island ‖	do							.02		T.	.66			.13					.40		.02		.30		.03	.10							1.66
Grant	Republican								.07			.10	.09	.10					.37														0.73
Greeley	Loup						.76		.11	.61		.75		T.						.02		.07											2.32
Guide Rock	Republican									.04								.05															0.09
Haigler	do																																0.00
Halsey	Loup						.31					.01	1.29	.06	.28					.26		.02											2.23
Hartington ‖	Missouri					T.		.04			1.20	T.		.05	T.				T.	.04		T.									T.	1.33
Harvard	Blue																																
Hastings ‖	do									.13	.21								.14				T.			.22			.09				0.79
Hayes Center	Republican									.05						.14			.21		.15				.10								0.65
Hay Springs	White				T.	.98	.03										.35				T.										T.		1.36
Hebron	Blue																		T.			T.				T.							T.
Hemingford ‖	Niobrara					.04	.24						.29			.06		.04	.06										.25		.40		1.38
Hendley ‖	Republican						.25		.09	.17																							0.51
Hershey ‖	South Platte						.02				.14			.27						.08			.66										1.17
Hillside	North Platte					.03	.43			.04			.03	.02	.04					.01		.10											0.70
Holdrege ‖	Republican										.70												.35										1.05
Hooper	Elkhorn					.02	.01		T.		.62		1.39						.46			T.											2.50
Hull (near) ‖	North Platte					.19	.03								.08		.30	T.	.05										.15			.20	1.00
Imperial	Republican										T.		.10						.09		T.	T.											0.19
Kearney	Platte							.05		.05	.11		.18							.12		.46											0.97
Kimball ‖	South Platte					.20						.50	.25				.13	T.			.04	T.						.14			.39		1.65
Kirkwood	Niobrara				T.		.37				1.83		.07	.09			.12			.06		.10										.07	2.71
Kowanda ‖	North Platte						.36						.68							.25			.03		.02								1.34
Lexington	Platte							.05		.15	.20		.10						.04	.03		.44											1.01
Lincoln	do					T.		T.	T.	.01	.15						.05	.10		T.		T.		T.							T.		0.31
Lodgepole	South Platte					T.	.35						.46							.11		T.											0.92
Loup City	Loup						.30			.26	.52		1.90						.10			.05											3.13
Loyal ‖	do					.44							.75	.04						.27	.19		.03										1.72
Lynch	Missouri					T.	.03	T.		.15	2.08	.23	T.		.04		.24		.06	.05				.05								.01	2.94
McCook ‖	Republican						.19			.01		T.	T.						.05			.11											0.36
McCool Junction ‖	Blue									.49									.05														0.54
Madison	Elkhorn						.10	1.10		1.54	.75			.88					T.			T.											4.37
Marquette	Blue						T.		T.	.13	.59		T.	.44				T.	.05	T.		.06		.03	.08						T.		1.38
Mary	Loup					T.	.41			T.	.02		.33		.07		T.			.25		.03										.02	1.13
Mason City ‖	do						.65			.65										.06			.22										1.58
Minatare	North Platte						.16					.40			.21		.03	.22				.03							.35			.63	.08	2.11
Minden	Blue								.30	.23			.08									.09				T.							0.70
Mitchell	North Platte					.14						3.20				.03		.30	.29									.21				.20	4.37
Nebraska City	Missouri										.10		.10																				0.20
Nelson	Blue																																0.00
Norfolk	Elkhorn						.08	.10		1.36	.28			1.08	.04					.07	.10	.04	T.	T.					T.				3.15
North Loup	Loup						T.	.23		.99	.05		.53	.42					.02	T.				.04									2.28
North Platte	Platte						.02			.04			.13	.01						.61		.17											0.98
Oakdale	Elkhorn					T.	.34		T.	1.10			.52	.01		T.	T.			T.	T.	.01		T.				T.					1.98
Omaha	Missouri										.12		.02				.01				.02										.01		0.18
O'Neill ‖	Elkhorn					T.	.16				.21			.28	.83					.90		.21		T.									2.59
Ord	Loup						.11	.02		.78			1.88									.06											2.85
Orleans ‖	Republican																	.08				.03											0.11
Osceola	Blue									.16	.65				.25									.10									1.16
Oshkosh	North Platte						.46						.57	T.						.06		.03										.07	1.19
Palisade	Republican																			.21		.22											0.43
Pawnee City	Missouri										1.03		T.				.33	.07		.04													1.47
Paxton	South Platte						.38							.28	.03					.08													0.77
Plymouth ‖	Blue										.11							.15		.23													0.49
Purdum	Loup						.45						.28	T.	.13					.18		.02										.03	1.09
Ravenna	do						T.	.17		.55	.07		.36	.04	T.					T.	T.	.36		T.									1.55
Red Cloud	Republican							T.			.11		T.		.11	.23		T.				T.				.01							0.46
St. Libory	Platte							.18		.61								.02				.17		T.		.01							0.99
St. Paul	Loup						T.	.07		.25	.48		.28									.10		T.									1.18
Santee	Missouri						.03	T.	.55	2.01		.01	.02	.19		.17		.08	.01		.08												3.15
Schuyler	Platte							.04		.09	.68			.55				.13		.26		.02											1.77
Scottsbluff	North Platte					.22	T.					.79	.20		T.	.01	T.	.42	.01			T.						.10	.03		.10	.15	2.03
Seward	Blue						T.	T.			.45								T.	.02		T.		.02									0.49
Sidney	South Platte					.05	.85			.02		.13	.50			.13				.25												.06	1.99
Springfield	Platte						T.	T.			.02		.01									T.											0.03
Springview	Niobrara					T.	.30	1.00		.55	.85	T.	.35				T.						.02									.02	3.09
Stanton	Elkhorn					.10		.25		.60	.50			.60	.07						.07			T.									2.19
Stapleton ‖	Loup						.76						1.48	.20					.72														3.16
Stratton ‖	Republican																				.15												0.15
Superior ‖	do																																0.00
Syracuse	Missouri										.39		T.																				0.39
Table Rock	do										1.18	.05		.11			.13	.03															1.50
Tecumseh	do											.40								T.													0.40
Tekamah ‖	do							.16			.47	.03		1.05																			1.71
University Farm	Platte										.13							.12															0.25
Valentine	Niobrara				T.	.10	.20	.17	T.	.02			.12	T.		.06	1.31	.44			T.	.02						.01			T.	T.	2.54
Wahoo	Platte								.05	.47			.22					.16															0.90
Wakefield	Elkhorn						.06	.06		T.	.66			.44	.31		.10		.35		.02	.03											2.03
Walthill	Missouri						.04	.18		.21	1.52	.46	T.	.41	.11				.59		.03												3.55
Watertown	Platte						.05			.38			.25									.22											0.90
Wauneta	Republican																		.30														0.30
Weeping Water	Missouri	T.									.21	.53		.51								T.											1.25
Westpoint	Elkhorn						T.	T.		.33	1.11		.61																				2.05
Wisner	do						T.	.48		.35	.65			1.16	T.				.45		.20		T.										3.29
York	Blue						T.	T.		.05	.42			T.			T.			.03		.03		T.		T.							0.53
Iowa.																																	
Afton	Grand											1.18		.10			T.														T.		1.28
Allerton	Chariton					.11						.88							T.	T.													0.99
Alton	Floyd				.02		.01	T.	T.	.03	2.73	.29		T.	.06		.04		.04		T.	.03							T.		T.	T.	3.25
Atlantic	Nishnabotna				.01		.01	T.			.08	1.34		.03					T.			.01							T.		01.		1.49
Audubon	do						.01	.01			.40	3.52	1.50	.02					.13		.06	T.											5.65
Bedford	Missouri											.64		.06						T.		.01											0.71
Centerville	Chariton				T.		.02					.53	.01				.19		.41														1.16
Chariton	do				T.	T.					.75	.65							.75		T.	T.											2.15
Clarinda	Nodaway											.51		T.							T.												0.51
Corning	do				T.	T.					1.56			1.68						.06											T.		3.30
Corydon	Chariton				T.	.01				T.		.78					T.	.50	.19			T.											1.48

TABLE 2.—*Daily precipitation for August, 1913. District No. 6*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Iowa—Continued.																																	
Council Bluffs	Missouri						T.	T.	T.			.27		.75							.04	T.								T.		1.06
Creston	do											1.01		.28							.02									T.		1.31
Cumberland	Nodaway										.75	1.50		T.																T.		2.25
Denison	Missouri						.11	.24			.65	2.41		.67					.12		.62											4.82
Elliott	Nishnabotna											.37		.27																	T.		0.64
Greenfield	Nodaway										.40	1.25					.27		T.	T.	.02											T.	1.94
Harlan	Nishnabotna				T.	T.	T.	.07	T.	T.	.33	1.52	T.	.21					T.	T.	.09	T.									T.		2.22
Inwood	Big Sioux				.01		.01	.01	.10	.64	.01			.02					.07			.04										T.	0.91
Lake Park	Little Sioux					T.			.40		.90						.39			.50	3.05												5.24
Lamoni	Grand					T.					.18	1.35					.06			.60													2.19
Le Mars	Floyd				T.	T.	.01	.01			.81			.02	.25		.01		.08	T.	.44								.02				1.65
Lenox	Missouri											.40		.29						.28													0.97
Leon	Grand						T.				T.	2.01					T.					T.											2.01
Little Sioux	Little Sioux						.03	.04			.52	.02		1.20							.10	.03											1.94
Logan	Missouri										.45	.81		.29																			1.55
Mount Ayr	Grand											1.26		.03			.07		T.			T.											1.36
Murray	do				T.	T.		T.				2.06		T.			T.		T.			T.									T.		2.06
Northboro	Missouri											.60		.05																			0.65
Odebolt	Little Sioux							.18			1.30	.35									.40												2.23
Onawa	Missouri						.05	.35		.05	.75	1.75		.30								.03											3.28
Pacific Junction	do							T.				.83		T.								T.									T.		0.83
Rock Rapids	Big Sioux										.85								.36														1.21
Sheldon	Floyd																																
Sibley	Big Sioux					.05			.19		.25	.25		.02	.04		.01		.04	.03	1.17	.02											2.07
Sioux Center	Floyd				T.		T.			T.	.98			T.			.11		T.			T.									T.	T.	1.09
Sioux City	Missouri				T.		.03	.10	.16	.48	.27	.01	.14	.01	.08		T.		.34		.26	T.											1.88
Spencer	Little Sioux					.02			T.	.20	1.70						.15		T.	.13	3.50	.01											5.71
Thurman	Missouri										T.	T.		.08								T.									T.		0.08
Washta	Little Sioux				T.	T.	T.	.15		.25	.90		.20	T.					1.14	.06	.65												3.35
Kansas.																																	
Abilene ‖	Smoky Hill											T.																					T.
Agricultural College	Kansas																.05	.60				T.											0.65
Alton	Solomon							T.											T.														T.
Atchison	Missouri						.04					.33	.32				.25																0.94
Beloit ‖	Solomon												.05					.05				.08				T.							0.18
Blakeman	Republican						.57	.06										.45			.22	.31											1.61
Blue Rapids ‖	Blue							.04				T.						.07		.10													0.21
Centralia	do						T.	T.					T.					.04		.02													0.06
Chapman	Smoky Hill																																
Clay Center	Republican																.03		T.														0.03
Colby	do						.28	.06		T.											.25	T.	.03										0.62
Concordia	do										.01						.28	.01															0.30
Densmore	Solomon										T.																						T.
Dresden ‖	Republican							.14												.05			.07										0.26
Ellsworth	Smoky Hill							.25										.14				.15											0.54
Emmett	Kansas																.15	.27	.40	.21													1.03
Eskridge	Osage														T.			.05		.02		T.											0.07
Farnsworth	Smoky Hill						T.											T.		T.		.31											0.31
Ft. Scott ‖	Osage																.55	.20					.10							.02			0.87
Frankfort	Blue							T.			T.							T.	.54														0.54
Garnett	Osage																	.75	.02														0.77
Goodland	Republican																																
Grainfield	Saline																T.					.44											
Hanover ‖	Blue											.71		.10					.33														1.14
Harrison	Republican										T.						T.																T.
Hays	Smoky Hill													.05				.06															0.11
Hill City	Solomon					.11																.90											1.01
Holton	Kansas											T.	.22				T.	T.	.37	.28													0.87
Horton ‖	do						T.					.23		T.				.17	T.														0.40
Hoxie	Solomon							.10														.43											0.53
Lawrence	Kansas																2.50					T.											2.50
Leavenworth	Missouri																	.34	.15														0.49
Lebanon	Solomon																	.02															0.02
Lenora	do						.05										T.	.03				.23											0.31
Leoti	Smoky Hill							0.8											T.			.50											0.58
Lincoln	Saline							0.6										.23			T.												0.29
Lindsborg ‖	Smoky Hill																	.19	.37			.06											0.62
McCracken	do																	.15	.03			.03											0.21
Minneapolis	Solomon							T.			.49							T.				T.											0.49
Moran	Osage																	T.	.35				.02										0.37
Natoma	Saline																																
Norton	Republican							T.										T.				T.											T.
Oberlin	do							.24		.35											.08		.10										0.77
Oketo	Blue										.22		T.					.05		.05													0.32
Olathe	Kansas																.15		.23	T.													0.38
Oskaloosa	do																.34																0.34
Ottawa	Osage												.07					.47					.17										0.71
Phillipsburg	Solomon							T.					T.	.02	T.				T.							T.							0.02
Plainville	Saline																	.07	T.														0.07
Pleasanton	Osage																						.05										0.05
Quenemo	do														T.	T.		T.		.04													0.04
Republic	Republican												T.					T.				T.				T.							T.
Russell	Smoky Hill								.22									T.															0.22
Russell Springs	do							.23										.20															0.43
St. Francis	Republican							.36			.03			.01		T.				.05	T.	.08											0.53
Salina	Smoky Hill														T.							T.			T.								T.
Scott	do						0.2											.07	.12				.14										0.35
Smith Center	Solomon												T.													T.							T.
Topeka	Kansas											T.		T.	.59		.13	.67	.17				T.										1.56
Tribune	Smoky Hill							T.				T.							T.			.25											0.25
Valley Falls	Kansas											.90					.45	.45															1.80
Vinland	do											T.						T.					.14										0.14
Wakeeney	Smoky Hill							.03	.05									T.				.24		T.									0.32
Wallace	do																.20			.11	T.												0.31
Wamego	Kansas										T.							.10		T.		T.											0.10

TABLE 2.—*Daily precipitation for August, 1913. District No. 6*—Continued.

Stations.	Watershed.	Day of month.																														Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Missouri.																																	
Amoret	Osage															T.						T.	.20										0.20
Appleton City	do																																0.00
Arlington	Gasconade	.10													T.			.04					T.										0.14
Arthur	Osage																																.....
Avalon	Grand											.77		.03			1.50			.20													2.50
Bagnell	Osage																																.....
Bethany	Grand											.86								1.64													2.50
Bolivar	Osage																						T.										T.
Boonville ‖	Missouri																			.98	.01												0.99
Brunswick ‖	Grand							T.				.50	.22							.79													1.51
Clinton	Osage																				.25												0.25
Columbia	Missouri												.08	T.			T.	.50	.06	.13		T.											0.77
Conception	do							T.	T.			.54	.03	.02			T.	T.		.04		T.											0.63
Crocker	Gasconade																.72	T.	T.														0.72
Duncan	Osage	.63															.16					T.	T.										0.79
Eldon	do																			.16		.03	.03										0.22
Fayette	Missouri											.01							.37			T.											0.38
Fulton	do																.30			1.00				.05									1.35
Glasgow ‖	do																			.64													0.64
Grant City	Grand					T.	T.	T.				.47	.34	.05		T.				.70	T.	T.											1.56
Harrisonville ‖	Osage												.09					.03		.20	T.		.02										0.34
Hazelhurst	Grand										T.	.96					.60		.16	.12													1.84
Hermann ‖	Missouri						T.		T.					T.	.04		T.	T.	.22	.16	T.		T.										0.42
Houston	Gasconade										T.						.60				T.	T.											0.60
Jefferson City ‖	Missouri																			.90	1.30												2.20
Kansas City	do											.05					.85		.02				.01										0.93
Kidder ‖	Grand											.10						.25			1.15												1.50
Lamonte	Missouri												T.			T.	1.03																1.03
Lebanon	Osage																.27	.60	.04														0.91
Lexington ‖	Missouri											T.	.02					.16															0.18
Liberty	do											T.					T.	.58															0.58
Lockwood	Osage												.51			.12					.20		T.										0.83
Marshall	Missouri																																.....
Maryville ‖	do								.15			.50	.93	.44																			2.02
Mount Vernon	Osage															.20																	0.20
Nevada	do																					.19											0.19
Oregon	Missouri					.08		.02				.41					.02	T.															0.53
Osceola	Osage																																.....
Pattonsburg ‖	Grand																																.....
Rolla	Gasconade	T.												T.			1.10					.04	.06										1.20
St. Charles	Missouri												.20	.20	.16		.03			.03	T.	2.05											2.67
St. Joseph	do					.01		T.				.20			T.		.26	T.															0.47
St. Louis (1)	Mississippi						T.						.22	.01			T.			1.21		.15											1.59
St. Louis (2)	do						T.	T.					.05	.11						1.46		.03							T.				1.65
Sublett	Chariton											.50					.20		T.	T.													0.70
Tarkio	Missouri											.20					.30			.20													0.70
Trenton	Grand									T.	.96	.05					.06	T.	.15														1.22
Unionville ‖	Chariton					T.	T.					.35	.16					.30	T.	.08												T.	0.89
Warrensburg	Missouri												.06				.05																0.11
Warrenton ‖	do													.01	.29			.01		.02			.41										0.74
Warsaw	Osage														T.	1.73	.48						.08										2.29
Wheatland	do																.60					.05											0.65

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

TABLE 3.—*Maximum and minimum temperatures at selected stations for August, 1913. District No. 6, Missouri Valley.*

Date.	Wyoming.																Montana.											
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewistown.§§		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	91	44	81	46	92	37	90	46	92	61	87	50	90	44	81	43	94	47	80	40	92	54	88	56	92	47	95	49
2....	90	50	90	52	102	55	91	53	98	65	92	55	93	50	80	47	98	50	82	48	95	53	86	60	93	52	98	55
3....	94	55	88	56	104	56	87	57	92	68	85	61	90	63	81	51	97	61	86	50	94	57	90	59	91	56	97	61
4....	96	60	85	59	98	60	88	57	93	60	87	58	82	62	71	52	85	61	87	43	92	56	84	60	84	51	95	57
5....	95	58	79	55	86	57	80	57	80	60	81	57	76	56	75	46	90	52	84	44	86	63	81	54	81	52	86	58
6....	96	60	77	50	95	53	84	53	81	64	81	55	80	52	72	51	89	57	80	45	87	62	81	60	81	51	85	57
7....	90	55	83	50	90	50	86	48	76	60	84	53	77	55	70	52	83	61	78	40	74	58	73	63	68	55	75	55
8....	90	50	87	54	96	45	85	51	85	60	82	57	77	48	66	42	77	48	76	38	65	51	63	48	61	50	68	52
9....	87	46	73	56	78	51	77	50	85	61	75	49	59	53	53	40	54	49	78	37	66	45	59	47	51	45	67	46
10....	88	44	76	50	89	56	82	45	90	62	79	51	76	51	69	43	77	48	80	44	74	51	75	46	76	40	74	49
11....	94	50	82	52	95	57	83	50	95	55	82	53	88	45	75	43	90	49	77	37	88	50	84	50	88	41	90	50
12....	96	57	81	56	97	57	86	54	95	66	81	61	85	53	72	50	92	55	75	38	88	55	82	56	86	51	93	54
13....	98	50	82	56	97	53	86	47	96	68	83	55	91	50	77	48	93	48	72	40	86	53	81	50	87	47	88	55
14....	100	56	87	57	100	48	85	55	98	68	81	62	94	59	68	45	91	59	74	36	75	49	73	50	80	49	81	55
15....	100	60	81	57	90	58	85	47	94	68	81	53	81	46	68	40	81	46	75	32	74	47	73	49	76	34	77	43
16....	98	61	88	56	97	52	90	48	94	66	87	52	85	44	73	41	82	43	70	36	74	40	77	47	78	35	76	52
17....	99	58	84	54	97	51	89	50	95	68	87	54	83	55	76	40	80	52	77	35	74	54	78	52	73	42	75	49
18....	96	55	84	53	96	60	87	49	95	60	87	60	85	51	75	47	79	54	78	32	71	55	72	54	73	52	72	51
19....	94	54	81	54	96	54	90	49	95	66	87	58	87	52	77	41	92	44	78	35	81	41	79	43	83	42	86	44
20....	97	56	87	55	100	58	91	54	98	68	88	61	95	52	81	44	93	47	80	38	76	41	82	50	79	43	83	49
21....	99	60	70	59	89	58	84	51	88	65	83	57	79	46	78	42	80	43	82	36	78	40	82	49	82	41	77	44
22....	100	60	78	56	97	50	90	50	92	52	86	54	91	42	82	43	96	42	84	37	85	45	89	53	83	37	89	46
23....	98	56	80	55	97	45	83	51	88	56	84	57	87	52	78	50	86	52	84	44	90	50	91	65	83	48	87	44
24....	96	56	86	57	95	52	93	56	94	64	87	58	92	46	83	46	98	45	86	45	91	61	90	65	88	41	89	46
25....	100	60	89	55	98	51	91	60	98	68	88	60	95	52	83	50	93	46	89	45	86	52	90	58	89	45	94	45
26....	101	60	90	52	104	53	94	54	100	64	91	60	92	49	76	53	96	49	87	43	91	58	88	65	.....	50	92	44
27....	98	56	88	59	99	63	82	58	92	68	87	61	85	52	79	55	91	63	85	40	79	53	85	62	82	.....	89	45
28....	94	46	76	56	97	57	87	57	85	54	81	57	84	46	83	44	88	44	85	42	87	43	89	52	87	39	92	46
29....	92	44	87	49	98	55	92	52	92	64	87	56	91	45	78	53	99	46	86	40	88	55	87	62	82	47	95	43
30....	90	42	78	54	94	66	76	55	88	66	82	44	80	55	69	51	85	56	87	37	79	52	83	55	82	47	92	40
31....	94	40	79	53	92	51	82	48	90	58	77	57	90	47	72	50	93	47	86	39	83	55	83	56	81	40	90	38
Mns..	95.2	52.7	82.5	54.3	95.3	53.8	86.3	52.0	91.4	63.0	84.2	56.0	85.2	50.7	74.9	46.5	87.8	50.5	80.9	39.9	82.2	51.6	81.2	54.6	77.9[a]	45.7[a]	85.4	49.1

Date.	Montana.				North Dakota.										South Dakota.													
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		Jamestown.§§		Williston.		Ellingson.		Huron.		Ipswich.		Kadoka.		Kimball.		Pierre.		Rapid City.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	97	54	99	53	97	45	95	54	93	50	90	52	92	52	93	47	90	54	97	50	101	55	92	57	95	58	91	59
2....	100	58	102	56	100	52	99	60	97	53	99	58	94	57	102	52	98	62	104	59	104	64	98	60	102	66	97	54
3....	100	65	99	67	91	54	84	62	91	58	79	55	91	65	94	59	88	64	87	60	97	62	90	66	93	68	91	62
4....	89	69	96	57	98	54	97	59	96	57	94	53	91	65	95	60	88	60	97	51	100	67	93	64	96	66	92	62
5....	92	60	84	60	90	59	83	62	87	59	81	56	78	56	80	62	87	69	87	69	90	65	85	69	86	73	79	62
6....	88	66	86	56	89	54	85	56	87	51	83	56	88	58	86	57	86	63	87	54	87	68	87	64	85	59	82	55
7....	76	62	80	54	77	53	76	56	72	55	82	61	72	54	79	54	86	62	85	58	86	56	86	63	80	59	79	53
8....	80	65	73	54	79	44	82	54	87	50	84	49	73	52	82	55	83	63	84	54	93	59	85	61	86	66	83	58
9....	68	60	73	52	76	52	67	57	67	54	65	55	71	52	75	55	85	59	80	64	86	61	85	62	85	63	67	59
10....	74	56	75	51	75	51	68	54	72	51	61	54	70	51	73	54	74	65	74	58	.....	.....	74	65	74	65	75	57
11....	91	54	95	50	90	52	85	55	87	49	81	54	87	52	91	53	83	65	86	59	95	56	90	70	91	64	90	57
12....	92	60	91	55	97	57	91	65	91	54	87	58	93	55	91	54	75	63	80	64	93	63	83	66	83	69	87	66
13....	96	60	92	56	96	59	92	64	91	61	89	61	90	62	90	62	93	66	94	64	97	63	94	64	97	65	91	66
14....	97	72	96	68	102	65	99	66	98	65	95	64	95	56	100	66	96	71	101	65	102	65	95	65	101	70	99	63
15....	90	56	87	46	80	51	83	60	88	49	84	66	78	53	89	53	92	70	94	64	91	55	89	65	90	67	82	61
16....	90	61	78	44	87	47	89	52	84	48	85	55	82	51	88	65	90	67	88	62	82	62	82	65	82	65	86	55
17....	87	59	74	54	72	53	85	58	73	54	82	56	70	56	88	58	86	68	86	59	94	64	90	63	90	63	90	65
18....	88	60	96	55	87	56	88	60	86	55	76	60	85	58	91	59	88	68	85	64	92	62	92	65	88	63	91	61
19....	84	58	90	50	88	61	80	67	83	62	75	65	79	61	90	59	85	69	90	67	92	68	93	66	94	73	86	64
20....	85	66	88	60	88	63	89	68	88	63	87	62	86	60	.....	.....	98	68	99	66	100	65	97	68	103	71	97	65
21....	84	56	81	46	75	48	73	54	75	48	84	53	72	51	.....	.....	79	59	88	57	90	70	89	67	80	63	78	53
22....	91	52	90	46	78	43	85	44	83	42	79	49	82	49	88	46	81	49	82	48	89	50	80	48	85	51	89	48
23....	87	56	86	51	87	42	85	50	85	44	80	51	82	51	84	61	84	52	84	52	89	56	85	55	85	58	82	58
24....	97	55	96	48	93	54	92	56	94	51	80	52	93	51	97	57	85	52	89	56	93	54	85	55	91	60	92	56
25....	96	55	91	52	87	48	89	55	88	47	85	57	84	54	94	47	94	58	96	59	100	57	84	60	96	64	96	65
26....	98	59	85	49	80	40	84	48	85	47	80	49	81	47	90	52	90	61	85	53	97	67	95	61	93	62	89	60
27....	88	68	84	59	87	60	88	62	87	61	78	52	80	56	.....	.....	94	67	89	60	97	70	97	65	93	71	89	63
28....	84	52	84	44	90	40	78	50	77	44	75	51	77	46	82	47	81	55	80	46	85	52	85	54	82	60	82	53
29....	94	51	92	43	94	59	88	45	90	40	81	44	86	52	.....	.....	88	49	89	44	91	47	87	50	88	52	91	54
30....	87	64	90	41	.....	.....	87	59	85	57	80	48	82	57	.....	.....	86	54	88	57	92	70	90	72	90	67	84	70
31....	97	58	92	44	93	52	92	50	92	47	86	51	92	55	92	42	89	57	92	59	95	73	92	62	94	62	91	58
Mns..	89.3	59.6	87.9	52.2	87.4[a]	52.3[a]	85.7	56.8	85.8	52.5	82.2	55.1	83.1	54.7	88.6[c]	55.2[c]	87.2	61.6	88.5	58.1	93.3[a]	61.5[a]	88.7	62.5	89.6	64.0	87.0	59.4

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

Date.	South Dakota.						Colorado.				Nebraska.																	
	Sioux Falls.§§		Watertown.§§		Yankton.		Denver.		Wray.		Alma.		Bridgeport.		Grand Island.§§		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	93	55	90	49	91	60	86	55	93	44	94	43	92	48	94	53	.....	.....	95	50	93	58	89	49	91	53	92	62
2....	92	57	93	51	95	67	90	59	100	55	97	48	96	50	97	58	.....	.....	97	54	95	61	93	59	95	55	93	68
3....	95	65	84	61	94	71	93	62	101	61	103	50	99	52	105	69	99	54	102	63	101	62	98	61	103	69	101	73
4....	85	60	92	53	87	66	92	60	104	65	104	55	96	56	105	65	96	65	103	63	99	65	100	62	96	63	95	69
5....	85	62	84	57	90	72	85	62	99	65	107	60	89	63	100	69	90	60	105	71	101	75	95	65	91	69	97	74
6....	86	60	83	53	82	65	81	56	90	65	93	69	84	57	85	68	85	60	98	71	88	69	84	63	80	64	82	70
7....	88	62	85	57	90	66	91	58	97	67	99	64	90	51	98	67	85	52	103	70	103	69	92	60	90	64	100	70
8....	85	63	84	55	85	63	93	58	99	54	107	64	97	50	108	66	90	50	106	70	107	67	95	61	89	60	105	69
9....	85	59	84	55	81	64	79	62	97	57	106	75	77	58	105	76	77	50	104	75	104	71	90	68	90	66	102	72
10....	76	63	73	60	75	67	84	57	92	61	93	69	85	55	96	69	78	56	102	77	99	71	82	65	82	66	92	71
11....	83	65	84	61	81	68	89	63	93	61	95	68	90	57	84	68	90	55	91	73	87	69	87	66	84	68	84	70
12....	80	65	74	62	80	66	83	60	98	69	103	63	91	60	95	68	92	59	99	70	94	69	95	66	83	69	90	70
13....	86	65	93	65	92	67	84	63	97	62	106	64	92	62	104	67	93	58	106	70	106	70	96	64	89	67	104	71
14....	95	63	98	67	95	72	93	61	100	55	107	64	98	54	105	72	100	56	104	78	103	79	101	64	91	69	102	78
15....	96	68	97	66	94	74	86	61	101	61	106	74	81	58	105	75	92	61	105	78	104	81	91	66	92	72	103	78
16....	90	65	91	67	95	72	87	60	101	59	105	70	97	55	100	73	84	55	104	75	101	78	99	64	91	70	100	78
17....	97	70	80	65	94	69	85	62	95	62	100	69	93	56	97	78	91	60	100	76	95	75	94	66	91	71	94	74
18....	89	68	81	65	92	73	85	55	93	62	97	67	93	58	95	67	90	71	99	70	100	71	94	68	91	69	97	74
19....	84	69	84	65	91	70	87	58	98	62	104	69	.....	.....	97	71	91	64	100	77	98	78	98	68	88	73	97	76
20....	96	68	93	65	96	73	90	63	97	67	102	63	96	59	102	69	101	60	103	70	102	76	96	68	94	74	99	78
21....	83	68	75	65	83	59	75	59	91	60	99	63	82	60	90	70	80	62	101	68	92	68	86	61	81	60	89	70
22....	82	50	79	47	79	52	83	57	86	52	85	49	89	44	80	54	90	42	84	57	82	55	82	51	78	50	79	58
23....	85	52	81	50	85	56	85	58	95	59	98	47	87	55	90	58	88	58	95	50	89	54	90	56	86	52	86	60
24....	88	55	85	47	87	56	86	60	95	53	93	54	87	49	90	64	92	55	93	66	93	60	88	60	86	53	90	66
25....	90	60	89	57	92	63	93	61	100	55	103	58	98	52	103	62	98	60	101	62	101	65	97	56	95	56	96	68
26....	93	55	84	54	90	57	96	62	100	53	105	54	101	55	98	59	102	54	103	59	99	64	99	54	94	55	97	72
27....	99	64	91	56	101	64	89	65	101	70	107	54	99	66	106	64	94	59	104	61	104	69	103	60	100	57	100	71
28....	80	58	77	52	82	59	76	60	88	63	90	65	89	62	86	72	93	45	87	72	88	64	87	62	83	52	86	68
29....	85	47	85	42	86	54	88	54	95	53	97	45	93	49	93	50	92	46	94	48	92	54	92	51	86	45	88	59
30....	84	50	89	45	84	56	86	61	98	55	104	64	95	54	102	61	88	48	104	58	103	59	94	59	92	53	99	64
31....	97	58	87	55	84	56	87	56	95	56	104	57	91	55	102	70	88	58	103	67	103	69	96	68	91	62	101	70
Mns..	88.1	60.9	85.5	57.1	88.2	64.5	86.7	59.6	96.4	59.5	100.4	60.6	91.6[a]	55.3[a]	97.3	66.2	90.7[b]	56.3[b]	99.8	66.7	97.6	67.6	93.0	61.6	89.5	63.3	94.8	70.0

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	51	94	50	89	49	92	63	91	50	92	55	90	53	89	63	94	55	89	66	85	65	88	73	96	52
2.....	95	61	96	51	94	55	93	63	94	57	97	59	95	58	94	61	95	58	94	60	92	67	93	71	95	53
3.....	98	67	102	56	92	58	96	71	99	59	102	60	102	61	98	65	101	69	96	60	94	69	95	74	101	60
4.....	96	66	98	64	85	60	86	66	100	57	104	67	104	63	101	66	102	64	100	65	99	74	91	73	95	66
5.....	88	65	106	70	87	64	89	73	101	60	107	77	104	76	105	75	105	69	97	71	103	79	91	67	98	64
6.....	82	63	95	66	83	63	82	64	96	67	100	70	102	76	101	79	104	71	100	75	99	81	101	77	96	63
7.....	88	62	104	69	92	60	92	65	96	60	106	73	106	78	104	78	104	68	105	71	103	79	99	74	102	66
8.....	88	61	108	65	83	61	87	66	104	67	107	73	105	79	103	78	106	69	103	80	101	82	99	80	104	70
9.....	79	60	105	70	83	61	83	65	106	71	103	82	104	80	100	81	105	78	100	78	100	81	95	79	103	77
10.....	72	61	98	74	85	63	82	68	92	62	105	81	106	78	101	77	97	68	98	73	100	77	89	75	90	75
11.....	88	60	91	69	80	63	82	66	91	66	93	74	101	76	103	82	98	71	94	75	99	77	90	72	88	66
12.....	81	68	94	70	87	64	83	66	101	66	103	72	108	75	105	81	103	69	104	78	103	81	98	79	95	70
13.....	94	65	106	72	91	67	91	70	100	60	106	77	104	80	102	80	105	71	101	80	100	82	89	79	98	72
14.....	98	62	104	70	95	68	96	72	103	66	103	79	103	78	97	73	104	72	101	76	98	80	97	76	100	73
15.....	80	69	105	71	97	69	99	75	101	69	104	80	105	80	100	77	103	74	101	76	101	80	98	78	104	74
16.....	91	64	102	71	91	71	94	75	101	70	103	74	103	78	102	75	101	73	99	75	98	71	99	77	103	73
17.....	90	65	98	67	93	69	92	71	95	67	99	73	100	75	94	71	96	72	99	69	92	76	98	76	100	70
18.....	91	63	100	71	84	65	87	71	94	68	99	69	99	69	98	72	97	71	97	72	96	78	91	77	98	68
19.....	90	70	101	69	90	65	92	73	99	67	102	76	102	75	98	74	100	73	91	72	95	75	87	70	100	66
20.....	96	68	102	70	93	65	93	72	96	65	102	74	101	74	102	73	99	65	96	71	96	76	90	74	101	68
21.....	79	56	96	70	85	66	87	65	99	65	101	76	102	72	101	74	102	69	97	74	99	79	94	76	102	70
22.....	83	47	85	55	77	51	80	54	84	55	85	60	92	67	84	67	86	60	85	63	83	66	82	69	85	55
23.....	83	56	89	50	86	48	83	53	95	55	97	53	96	50	88	59	98	55	86	56	85	63	81	64	84	52
24.....	89	51	93	54	86	53	86	63	92	62	95	69	100	68	90	63	95	54	88	57	89	67	84	67	90	51
25.....	94	58	99	60	89	57	95	65	99	60	104	65	102	68	96	66	105	65	92	62	94	68	86	66	92	60
26.....	99	61	101	61	89	56	93	55	100	68	101	66	103	70	101	71	104	63	99	67	99	73	94	69	91	64
27.....	93	70	105	62	93	58	97	66	102	60	107	64	106	62	103	72	105	64	101	72	102	77	96	72	103	62
28.....	82	53	88	65	80	60	83	65	86	65	87	62	100	74	94	70	91	79	99	64	94	73	101	78	88	70
29.....	90	43	91	47	.....	44	85	57	94	55	97	53	95	52	93	57	98	59	90	53	91	63	88	71	90	54
30.....	89	58	101	47	87	.....	84	52	99	65	104	62	103	67	101	62	103	73	98	55	99	68	91	71	96	57
31.....	91	65	108	50	79	58	85	59	97	61	103	67	103	74	102	74	100	68	103	72	102	79	98	69	102	62
Mns.....	88.5	60.9	98.9	63.1	87.5[a]	60.4[a]	88.7	65.5	97.0	62.7	100.6	69.4	101.5	70.5	98.4	71.5	100.2	67.7	96.9	69.0	96.5	74.4	92.7	73.3	96.5	64.6

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