CLIMATOLOGICAL DATA FOR AUGUST 1912.

DISTRICT No. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

In Montana and Wyoming cool, wet weather prevailed through most of the month. In Colorado and all that portion of the drainage area to the east of the mountain States the first 15 or 20 days were cool and showery, but the latter part of the month was quite warm, and there was generally less rain than during the first of the month. There was some frost in the mountain States, North Dakota and the western counties of South Dakota, but the staple crops appear to have suffered very little, if any. Damaging hail occurred over small areas in northern Montana, western South Dakota, and in Missouri. Damage by lightning was comparatively light, when the rather large number of heavy rainstorms is considered, and it was confined chiefly to the lower part of the district. Thrashing was retarded by rainy weather in the Dakotas and Iowa, and excessive local rains in South Dakota and northwestern Iowa washed out railroads, interfered with traffic, and caused an overflow of the Missouri River in and around Pierre, S. Dak.

TEMPERATURE.

In the eastern counties of Kansas and Nebraska and in Iowa and Missouri the mean temperatures for the month were very near to the normal. North and west of this region they were considerably below the normal, the greatest departure being in the northwestern part of the district. There was a large range in temperature in all sections of the district. In each of the States, except Montana, one or more stations had temperatures of 100° or higher, while in Nebraska and the country to the north and west of that State there were localities in which the temperature fell to 40° or lower. In Montana, Wyoming, and Colorado there were some stations at which the minimum for the month was considerably below the freezing point, but they were in very elevated regions, or were in some other manner favorably situated for the occurrence of low temperatures. The few warm days in Montana and Wyoming formed no well-defined period; they were scattered irregularly through the month, the greater portion of which was abnormally cool. In the remainder of the district hot weather followed the low temperatures of the first 15 or 20 days. For St. Louis there is a trustworthy record of temperature extremes for each day of the year for the last 77 years; it shows that on August 3 and 4, 1912, the minimum temperature in St. Louis was as low as it has ever been on corresponding days since 1836, and on the 5th it was 1° lower than any previous record. There was a very gradual rise in the temperature after the 5th, but no seasonably warm weather prevailed during the first 15 days. The last 10 days, in the territory to the east of the foothills, were hot; the highest temperatures were on the 25th–28th.

PRECIPITATION.

The precipitation was irregularly distributed. In the northern half of the district it was as a rule considerably above the seasonal average, but there were scattered localities with less than normally occurs in August. In the southern half the irregularity was more pronounced, and some stations had a monthly excess of more than 2 inches, while adjacent localities had a corresponding deficiency. Heavy local rains occurred in each of the States comprising the district; the greatest number doubtless occurred in South Dakota and northwestern Iowa. The heaviest precipitation for the entire month was 9.44 inches at Alton, on the Solomon River, in north-central Kansas. The greatest amount in 24 hours was 4.87 inches, also at Alton.

The only snow reported was a trace at a very elevated station in Lewis and Clark County, Montana.

RIVERS.

Some of the small streams were high for short periods on account of excessive local rains. These rains, however, had no material effect upon the larger streams, the stages of which were quite normal.

ELECTRIC INDUCTION BY CLOUDS DURING THUNDERSTORMS.

By HARRY A. FRISE, Assistant Observer, United States Weather Bureau.

A phenomenon illustrating the electro-inductive action of clouds during thunderstorms was observed at Sheridan, Wyo., on the afternoon of July 11, 1912, and while known to have occurred on two previous occasions, its relation to cloud induction was more closely observed on this last one.

The sky during the day had been mostly cloudy, cumulus and strato-cumulus prevailing; the winds were light and variable, being mostly northerly; the temperature was moderate, with a maximum of 79° about 3 p. m. About 5 o'clock in the afternoon a bank of dark cloud along the horizon to the northwest apparently was moving toward the station. At 5.30 p. m. the cloud mass had advanced so that a third of the sky was overcast with dark cloud masses, stretching from southwest to northeast. Lightning at this time occurred mostly from the cloud directly north of the station, while a rain curtain fell from the entire front of the cloud bank. In order that the advance of the storm might be observed to the best advantage, the roof of the observatory, a two-story structure, was chosen as a suitable point. From the roof of the building at 5.55 p. m. the front of the storm, then within 2 miles of the station, was marked by a cloud of dust, stirred up from the hills and roadways

TABLE 1.—*Climatological data for August, 1912. District No. 6, Missouri Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Wyoming.																				
Arapahoe	Fremont		2								1.04		0.40		6	23	8	0	sw.	Edward L. Seyan.
Barnum	Johnson	5,500	7																	Thos. Freeguard.
Basin	Bighorn	3,862	13																	O. J. Robertson.
Bennett	Carbon		3																	Chas. C. Young.
Big Creek Station	do	7,500	1	57.0[k]		81[k]	22	32[k]	4	47[k]	1.62		0.40	0	6	5[k]	12[k]	3[k]	sw.	U. S. Forest Service.
Burns	Laramie	5,400	2	65.3		91	24	43	8	37	3.40		1.08	0	10	11	17	3	ne.	E. W. Bastian.
Casper	Natrona	5,101	3								2.10		0.29	0	10	19	8	4	sw.	M. C. Cook.
Centennial	Albany	8,074	9	58.3		81	29	39	19†	35	0.29		0.06	0	10	16	10	5	w.	Louis A. Gregory.
Cheyenne	Laramie	6,088	41	65.4	− 0.4	89	26	41	9	38	1.44	− 0.03	0.62	0	9	8	20	3	nw.	U. S. Weather Bureau.
Chugwater	do	5,282	11	63.8	− 1.8	91[a]	26	39[a]	9	45[a]	2.65	+ 1.50	0.95	0	8	19[a]	6[a]	5[a]	e.	A. H. Woolever.
Clark	Park	4,320	7	66.2		90	24	42	30	32	1.90		0.60	0	9	17	8	6	w.	Chas. A. C. Snow.
Cody	do	5,000	5	63.6		87	12†	36	30	42	1.35		0.40	0	8	15	10	6	w.	D. A. Tinckom.
Crazy Creek	do	6,828	1	50.4		80	9	24	30	53	1.26		0.25	0	15	17	2	12	w.	Jas. Smith.
Dome Lake	Sheridan	8,821	4	53.2		74	27	32	19	31	3.16		0.80	0	10	16	14	1	w.	Abe Mills.
Douglas	Converse	4,793	3																	Henry C. Miller.
Dubois	Fremont	6,909	5	55.2		80	9†	31	30†	35	1.46		0.45	0	9	12	16	3	w.	F. H. Welty.
Eatons Ranch	Sheridan	4,600	7	64.5		84	10†	41	19	38	1.64		0.92	0	4				nw.	F. A. Eaton.
Echeta	Crook	4,200	7								1.16		0.44	0	4	23	4	4	s.	M. R. Hunter.
Elk Mountain	do										1.67		0.46	0						Wm. Richardson.
Encampment	do	7,322	3	60.4[i]		85[i]	26	36[i]	19	41[i]	1.79		0.40	0	11	5[i]	16[i]	1[i]	sw.	U. S. Forest Service.
Ervay	Natrona	6,400	3	60.9		90	26	30	20	49	0.62		0.16	0	6	16	10	5	sw.	Frank Jameson.
Fort Laramie	Laramie	4,270	34	68.2	− 3.1	100	25	43	9	49	1.39	+ 0.45	0.55	0	6	17	10	4	w.	John Hunton.
Foxpark	Albany	9,015	2	49.4[d]		74[d]	27	24[d]	22	44[d]	0.70		0.25	0	5	8[d]	18[d]	1[d]	w.	U. S. Forest Service.
Germania	Bighorn	4,312		64.0[e]		90[e]	25	39[e]	20	42[e]	2.64		0.80	0	7	15[e]	5[e]	6[e]	nw.	J. W. Peper.
Gillette	Crook	4,546	6	64.7		87	26	43	20	41	4.62		3.26	0	8	20	6	5		S. D. Perry.
Horse Creek	Fremont			48.0[l]		75[l]	9	25[l]	20	39[l]	2.06		0.56	0	10	6[l]	7[l]	6[l]	w.	U. S. Forest Service.
Hunters Station	Johnson	8,000	6	53.4		79	26	31	20	37	2.94		0.70	0	12	16	7	8	w.	Do.
Hyattville	Bighorn	4,632	13	66.7		96	25	38	20	46	2.20		0.75	0	4	18	4	9	w.	Wm. Booth.
Jireh	Converse	5,050	2								1.62		0.52	0	11	16	14	1	w.	P. L. Ford.
Kirtley	do		8	64.0		87	29	40	9†	40	2.22		0.94	0	10	18	10	3	nw.	D. M. Zum Brunnen.
Kirwin	Park	9,187	3					25	20		2.46		0.80	0	12	14	13	4	w.	C. L. Tewksbury.
Knowles	Crook	4,500	3																	Geo. A. Knowles.
Lagrange	Laramie	4,510	2	66.9		93	25	45	9	40	5.31		4.11	0	9	21	9	1	s.	Owen Shupp.
Lander	Fremont	5,372	20	64.1	− 1.6	92	26	38	19	44	0.52	− 0.02	0.24	0	7	15	13	3	w.	U. S. Weather Bureau.
Laramie	Albany	7,188	21	60.8	− 1.0	87	26	38	22	40	1.52	+ 0.43	0.53	0	5	25	3	3	se.	University of Wyoming.
Leo	Carbon	6,878	10																	C. A. Cowdin.
Lolobama Ranch	Park	7,052	8	53.2		80	24	27	30	44	0.98		0.30	0	6	18	10	3	w.	Mary E. Painter.
Lovell	Bighorn	3,825	6	64.6[e]		92[e]	25	40[e]	11†	47[e]	0.57		0.55	0	2	12[i]	9[i]	1[i]	w.	R. Fred Harrison.
Lusk	Converse	5,007	21	64.0	− 2.5	91	25	36	7	42	1.10		0.65	0	4					D. E. Goddard.
Manville	do	5,050	2								1.15		0.45	0	11	7	23	1	nw.	L. C. Stoddard.
Moorcroft	Crook	4,111	8	68.0		95	25	45	20	42	2.98		1.23	0	11	9	17	5	s.	C. T. McCampbell.
Moore	Albany	6,000	11	62.4	− 2.1	91[b]	26	37[b]	9	43[b]	2.40	+ 0.99	0.61	0	10	5[b]	18[b]	6[b]	w.	Edwin Moore.
Newcastle	Weston	4,319	5	68.5		97	24	44	8	38	1.21		0.28	0	7	17	6	8	w.	Dr. S. W. Johnson.
Pathfinder	Natrona	5,735	6	66.2	− 2.9	90	26	43	8	38	0.83	+ 0.12	0.28	0	7	15	10	6	sw.	U. S. Reclamation Service.
Pinebluff	Laramie	5,038	9	66.5		90	29	43	9	38	5.30		1.58	0	15					C. L. Beatty.
Pine Ridge	Crook										1.93		0.52	0	9	12	17	2		J. E. S. Altaffer.
Powell	Park	4,376	4			92	25	40	20	41	0.99		0.54	0	7	19	4	8	nw.	U. S. Reclamation Service.
Rawlins	Carbon	6,748	10	63.4	− 1.0	89	26	40	19	43	1.33	+ 0.77	0.66	0	10	20	8	3	w.	E. J. Ehrenfeld.
Riverton	Fremont	4,960	3	64.4		94	26	31	7	51	9.12		4.05	0	4	21	7	3		F. H. Allyn.
Rockypoint	Crook										2.22		0.64	0	7	14	10	7	n.	P. Woxen.
Saratoga	Carbon	6,785	14								1.54	+ 0.51		0						G. Fred. Clark.
Seven Mile Creek	do			55.0[j]		77[j]	28	32[j]	8	35[j]	1.25		0.47	0	7	11[j]	10[j]	0[j]	w.	U. S. Forest Service.
Sheridan	Sheridan	3,790	17	63.6	− 0.9	89	24	41	31	43	1.18	+ 0.50	0.55	0	11	15	8	8	se.	U. S. Weather Bureau.
Shoshone Dam	Park	5,385	14	64.9		87	25	32	9	32	1.45		0.43	0	9	13	8	10	w.	U. S. Reclamation Service.
Soldiers Home	Johnson	4,635	20																	Joel C. Smiley.
South Pass City	Fremont	7,873	10	53.0		80	26	26	19†	46	1.60		0.91	0	8	10	9	12	sw.	John Sherlock.
Sundance	Crook			63.4		86	29	44	20†	36	3.40		0.80	0	7	13	8	10	e.	G. W. Ashdown.
Thermopolis	Fremont	4,350	8	68.0		97	25	38	28	44	1.61		1.06	0	7	22	7	2	sw.	A. L. Duhig.
Thornton	Weston			64.7[f]		87[f]	11†	42[f]	8	35[f]	1.97		0.41	0	9	14	3	8	se.	Geo. H. Ferguson.
Ulm	Sheridan										2.08		0.80	0	8	19	9	3	nw.	W. H. Coleman.
Verona	do	4,360	3								2.40		0.85	0	5	18	13	0	se.	O. A. Roode.
Wheatland	Laramie			66.0		91	25	45	8†	37	2.43		0.90	0	10	20	8	3	w.	A. de F. Snively.
Wiants Ranch	Carbon	7,400	2								1.16		0.48	0	7	8	17	6	sw.	Ira G. Wiant.
Wiley	Park	5,375	3																	Thos. Harrison.
Woodrock	Sheridan										2.75		0.75	0	11	12	14	5	sw.	U. S. Forest Service.
Worland	Bighorn		1	66.8		95	25†	39	31	48	1.38		0.48	0	8	20	9	2	nw.	Prof. B. C. Buffum.
Wyncote	Laramie	4,207	5	65.2		92	25	41	23	48	2.10		0.51	0	11	22	7	2	e.	U. S. Reclamation Service.
Yellowstone Park	Yellowstone Park.	6,200	24	55.7	− 5.2	83	26	32	30	41	1.66	+ 0.64	0.58	0	14	12	10	9	sw.	U. S. Weather Bureau.
Fairview Dome	do	7,000	7	52.1		83	27	22	30	49	1.77		0.38	0	10	10	7	14	sw.	U. S. Army.
Fountain	do	7,220	6	46.0		80	26	14	30	60	2.00		0.60	0	7	21	0	10	s.	Do.
Gallatin	do		1								1.70		0.40	0	6	14	11	6	n.	Do.
Grand Canyon	do	7,900	5	50.8		79	26	25	30	48	3.15		0.75	0	14	15	13	3	s.	Do.
Lake Yellowstone	do	7,733	8	50.6		76	26	22	31	38	1.27		1.00	0	9	20	2	9	se.	Do.
Norris	do	7,575	8																	Do.
Riverside	do	6,500	6	53.6		83	26	20	23	57	1.07		0.43	0	5	14	7	10	w.	Do.
Sylvan Pass	do	7,000	5	53.8		81	26	26	30	48	3.80		1.01	0	11	15	1	15	w.	Do.
Thumb	do	7,772	6																w.	Do.
Tower Falls	do	6,250	3	54.4		87	26	25	30	55	2.31		0.48	0	12	22	7	2	sw.	Do.
Upper Geyser Basin	do	7,395	8	51.8		79	26	22	30	43	7.30		1.90	0	8	18	0	13	se.	Do.
Montana.‡																				
Adel	Cascade	5,200	13	58.2	− 1.6	85	9†	30	29	45	2.42	+ 0.93	0.85	0	9	12	9	10	w.	Mrs. B. F. Burch.
Agricultural College	Gallatin	4,700	14	58.7	− 4.5	87	26	33	30	37	1.63	+ 0.56	0.51	0	9	18	5	8	se.	J. L. McGraw.
Augusta	Lewis and Clark	4,071	13	58.2	− 2.9	86	21	33	13	47	3.10	+ 1.90	0.82	0	8	20	7	4	w.	C. C. Covington.
Babb	Teton	4,461	5	53.0		78	25	32	14	40	1.31		0.75	0	3	1	28	2	w.	U. S. Reclamation Service.
Bald Butte	Lewis and Clark	6,500	2								2.20		0.87	0	10	15	4	12		M. W. Alderson.
Bigtimber	Sweet Grass	4,072	6	63.1		88	24†	38	17	38	1.09		0.50	0	4	16	6	9	w.	F. A. Severance.
Bigtimber Creek	do		2								2.89		0.84	0	11	15	13	3	w.	J. T. Mjolsness.
Billings	Yellowstone	3,115	16	65.4	− 4.6	94	24	36	30	51	0.95	− 0.20	0.53	0	12	14	9	8		D. J. Cole.
Birch Creek				58.0		90	22	33	30	47	1.38		0.73	0	5	18	9	2	w.	U. S. Reclamation Service.
Blackleaf	Teton	4,260	4	56.7		83	22	29	30	37	2.58		1.05	0	7	10	12	9	w.	Roy McNeal.
Boulder Nursery	Jefferson	4,920	16	57.0	− 5.4	87	26	25	30	49	1.76	+ 1.01	0.72	0	11	8	15	8	s.	U. S. Forest Service.
Bowen	Beaverhead	6,060	5	51.0		85	26	11	30	58	1.16		0.53	0	7	16	8	7		B. B. Lawrence.
Bridger	Carbon	3,664	3	63.8		93	24	34	30	49	1.55		1.23	0	4	5	10	16	n.	L. E. Gard.
Broadview	Yellowstone		5	64.8		94	12†	34	29	58	1.54		0.68	0	5	25	5	1	nw.	Thos. Hunt.
Busby	Rosebud		8	64.8		89	24	39	31	44	2.34		0.54	0	10	15	12	4	ne.	Rev. G. A. Linscheid.

TABLE 1.—*Climatological data for August, 1912. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
***Montana*—Continued.**																				
Busteed	Sweet Grass		4	62.4		86	24	36	30	42	0.97		0.57	0	7	14	15	2	nw.	T. H. Busteed.
Cabin Creek	Beaverhead		2								2.95		0.72	0	12	16	6	9	s.	W. J. Crowell.
Canyon Ferry	Lewis and Clark	3,644	13	64.0	− 2.9	90	9†	35	30	43	1.42	+ 0.41	0.46	0	10	17	6	8	nw.	A. C. Pratt.
Cascade	Cascade	3,361	7	64.0		92	9	35	13	44	2.05		0.76	0	11	12	14	5	sw.	Dr. E. E. James.
Chessman Reservoir	Lewis and Clark	5,275	3	54.2		80	26	26	30	40	2.70		0.68	T.	11	17	3	11	sw.	C. D. Schmidt.
Chester	Hill	3,140	8	59.7		90	26	32	15	53	2.73		0.81	0	7	3	7	21	w.	E. D. Keith.
Chinook	Blaine	2,502	13	64.5	− 3.5	90	9	38	30	38	2.39	+ 1.26	0.62	0	11	5	13	11	w.	T. O'Hanlon Co.
Clearcreek	do		6	61.3[g]		85[g]	24	38[g]	17	40[g]	3.43		1.23	0	6	7[g]	8[g]	9[g]	sw.	Cortez Sedgewick.
Clemons	Lewis and Clark	4,672	2								2.70		0.73	0	11	7	11	13	w.	Frank Eberl.
Clydepark	Park		1	59.1		88	26	31	17†	46	1.15		0.38	0	7	13	7	11	w.	Frank Taylor.
Copper	Meagher		7								1.91		0.70	0	11	12	10	9	w.	Orville Harris.
Crow Agency	Rosebud	3,041	29	65.2	− 4.1	89	24	39	31	42	1.74	+ 0.77	0.70	0	8	9	5	17	sw.	Ira R. Bamber.
Culbertson	Valley	1,927	9	63.8	− 5.0	86	22	42	14†	37	3.55	+ 2.03	1.25	0	7	5	20	6	nw.	G. H. Coulter.
Cut Bank	Teton	3,700	13	60.3[i]	− 0.3	87[i]	22	37[i]	13†	44[i]	1.85	+ 0.72	0.58	0	4	16[i]	4[i]	2[i]	w.	Chas. N. Thomas.
Denton	Fergus	3,500	3	63.8		91	26	35	30	43	1.51		0.30	0	11	20	2	9	nw.	P. J. Griesenauer.
Dillon	Beaverhead	5,147	14	59.4	− 3.2	90	25	33	17	46	3.90	+ 2.56	1.22	0	9	18	3	10	sw.	Prof. J. E. Monroe.
Dry Creek	Broadwater	5,500	2								3.11		1.09	0	9	9	5	17	w.	J. C. Stuart.
Dry Wolf Camp	Cascade	6,000	3								2.63		1.02	0	12	11	12	8	sw.	Mrs. H. R. Eveleth.
Dunkirk	Teton	3,293									1.50		0.53	0	6	18	8	5	w.	B. C. Protzman.
Ekalaka	Custer		11	65.8	− 2.6	88	9†	42	8†	40	1.60	+ 0.13	1.00	0	2	3	25	3	w.	William Freese.
Elkhorn	Jefferson	6,576	3								1.84		0.43	0	13	12	9	10	w.	James Heagan.
Fallon	Custer	2,208	7	67.0		90	15†	44	13	39	2.51		1.08	0	4	16	11	4	w.	Mrs. A. C. Gifford.
Findon	Meagher	6,000	3								2.58		0.63	0	12	18	2	11	w.	Lewis Cameron.
Fish Creek	Silver Bow	8,500	2	50.7		72	24†	30	30	30	2.93		0.84	0	9	11	13	7	w.	O. B. Tilton.
Flathead Creek	Gallatin	6,000	1	58.1		83	26†	31	30	43	2.21		0.36	0	13	9	9	13	sw.	Alta Williams.
Forsyth	Rosebud	2,514	5	68.7		95	24	41	30	41	0.28		0.20	0	3	15	5	11	w.	H. Mackenzie.
Fort Benton	Chouteau	2,630	32	61.0	− 6.9	91	25	41	12†	37	3.45	+ 2.52	0.90	0	6	19	8	4	sw.	Jere Sullivan.
Fort Shaw	Cascade	3,500	23	63.0	− 1.6	88	9†	38	13†	42	2.58	+ 1.68	0.78	0	9	13	10	8	w.	U. S. Reclamation Service.
Fort Harrison	Lewis and Clark	4,004	8	62.4		90	26	35	29	36				0		20	7	4	w.	Post Hospital.
Foster	Yellowstone		2	65.5		94	22	39	30†	49	0.56		0.33	0	3	21	6	4	w.	E. K. Bowman.
Glasgow	Valley	2,092	15	63.0	− 5.5	86	24	37	30	35	5.12	+ 4.44	2.85	0	5	14	10	7	w.	W. M. Leonard.
Glendive	Dawson	2,069	21	67.4	− 4.2	88	24	44	9	38	4.34	+ 3.20	3.20	0	8	8	19	4	e.	E. C. Leonard.
Goldbutte	Hill		4	60.6		87	22	28	30	37	1.87		0.58	0	7	8	13	10	w.	Joseph Berthelote.
Graham	Custer		6	66.2		94	7	41	11	47	4.50		2.08	0	9	21	8	2	sw.	J. S. Rue.
Grayling	Gallatin	6,700	6	50.2		79	26	24	30	50	1.92		0.55	0	8	12	8	11	sw.	P. Kerzenmacher.
Great Falls	Cascade	3,350	20	64.2	− 2.7	86	25	43	30	33	3.10	+ 2.09	1.21	0	10	9	16	6	sw.	Robert Deardorf.
Halfway House	Broadwater	6,000	2								2.22		0.45	0	9	15	7	9	sw.	Gordon Deans.
Harlowton	Meagher	4,165	4	58.3		87	26	31	17	48	0.85		0.55	0	4	6[b]	11[b]	12[b]	w.	Joseph Muir.
Havre	Hill	2,505	32	62.6	− 4.3	90	24	40	17	38	2.24	+ 0.98	0.99	0	14	11	14	6	sw.	U. S. Weather Bureau.
Helena	Lewis and Clark	4,110	32	62.6	− 3.5	90	24	38	30	36	1.60	+ 0.91	0.79	0	10	11	10	10	sw.	Do.
Highwood	Chouteau		5								1.26		0.28	0	10	19	8	4	ne.	W. S. McCord.
Huntley	Yellowstone	3,014	6	66.2		93	22	40	30	45	1.60		0.44	0	7	18	11	2	w.	U. S. Reclamation Service.
Jones Canyon	Gallatin	6,800	3								1.95		0.46	0	11	7	11	13	e.	James McCune.
Knobles Ranch	Hill		1								2.00		0.50	0	10	13	5	13	w.	F. H. Knoble.
Lewistown	Fergus	4,010	14	59.8	− 3.5	89	29	30	30	47	1.16	− 0.38	0.23	0	9	14	4	13	w.	W. W. Watson.
Lonetree	Chouteau	3,280	6	64.4		91	9	39	30	41	3.01		0.98	0	6	20	3	8	w.	E. Wilson.
Lytle	Teton			61.8		87	9†	35	30	33	3.98		1.12	0	10	15	11	5	sw.	J. F. Fait.
Malta	Valley	2,240	5	62.1		87	22	34	7	45	4.33		1.73	0	9	13	11	7	w.	U. S. Reclamation Service.
Medicine Lake	do		1	61.1		86	15	38	30	36	2.87		1.27	0	7	15	6	10	nw.	J. S. Collier.
Mildred	Custer		3								1.69		0.58	0	7	13	14	4	se.	Leon B. Clark.
Miles City	do	2,371	20	68.8	− 2.7	94	24	48	13	39	1.19	+ 0.16	0.44	0	7	16	12	3	se.	U. S. Weather Bureau.
Norris	Madison	4,845	5	64.5		91	26	40	30	41	1.50		0.82	0	8	11	6	14	s.	Madison River Power Co.
Nye	Sweet Grass		3	53.2		81	22†	26	30	43	1.19		0.29	0	10	15[a]	6[a]	9[a]	sw.	F. L. Bryant.
Olsen Creek	Jefferson	6,345	3								2.26		0.69	0	10	16	5	10	w.	Robert Olsen.
Pinegrove	Musselshell										2.12		0.83	0	8	18	4	9	nw.	G. A. Woodcock.
Pipestone Pass	Jefferson	7,000	3								2.01		0.49	0	9	17	9	5	w.	Mrs. T. Keirmeyer.
Plevna	Custer	2,757		65.4		88	10†	38	13	41	2.52		2.06	0	8	21	4	6	nw.	C. C. Conser.
Poplar	Valley	2,020	26	64.8	− 4.7	86	10†	43	30	36	2.96	+ 1.93	1.45	0	4	17	7	7	w.	H. M. Cosier.
Red Lodge	Carbon	5,548	12	57.8	− 4.3	86	24	29	30	41	1.84	+ 0.85	0.88	0	6	12	8	11	nw.	I. A. Draper.
Renova	Jefferson	4,383	13	60.1	− 5.0	87	24	29	30	46	2.17	+ 1.48	0.65	0	8	17	2	12	sw.	F. B. Elmer.
Ryegate	Musselshell	3,640	2	64.6		98	22	35	13†	57	1.32		0.55	0	9	19	3	9	w.	H. Scherfenberg.
Savage	Dawson	2,050	6	66.3		87	22	43	31	40	2.61		1.09	0	6	17	12	2	w.	U. S. Reclamation Service.
Shelby	Teton	3,276		63.9		89	24	38	30	35	1.65		0.70	0	8					C. D. Kicher.
Sidney	Dawson		1	64.1		88	25	42	8	35	2.85		1.06	0	7	17	5	9	e.	Fred W. Arndt.
Springbrook	do		10	64.8	− 3.6	92	5	37	14	45	2.37	− 0.15	1.38	0	7	7	17	7	sw.	Mrs. H. I. Miller.
Stearns	Lewis and Clark	4,500	2								1.94		0.68	0	10	18	5	8	sw.	Estelle W. Estill.
Sunlit Farm	Blaine		1	60.2		84	9	35	17	38	2.57		0.66	0	13	12	10	9	w.	C. R. Noyes.
Sun River Canyon	Teton	4,650		56.8		83	9	29	13	45	2.74		0.78	0	11	12	14	5	w.	U. S. Reclamation Service.
Trail Creek	Park	6,000	3								2.37		0.58	0	10	19	6	6	w.	A. Weidenbauer.
Utica	Fergus	5,000	17	60.0	− 5.2	90	26	35	30	43	1.67	+ 0.43	0.55	0	10	21	7	3	w.	P. W. Korell.
Valentine	do		5	64.0		93	24	35	30	45	0.85		0.31	0	6	19	3	9	w.	B. M. Bean.
Valier	Teton			61.4		85	22†	38	30	37	1.84		0.55	0	5	23	5	3	w.	R. M. Templeton.
Virginia City	Madison	5,880	23	61.6	− 2.2	87	26	31	30	45	2.15	+ 0.97	0.70	0	8	16	5	10	w.	W. R. Baker.
Wall Rock Mountain	Broadwater	5,600	3								1.90		0.48	0	14	12	9	10	nw.	D. L. Doig.
Warm Springs Creek	Madison	7,500	2								3.53		0.90	0	14	5	5	21	w.	M. D. Lytle.
Wheaton	Musselshell			64.6		92	24	36	30	43	1.27		0.27	0	10	16	8	7	sw.	P. O. Balgord.
White Sulphur Springs	Meagher			59.2		87	26	31	30	42	1.41		0.42	0	9	10	16	5		P. R. Wild.
Wilder	Fergus		1	64.2		91	22	34	30	43	1.65		0.68	0	6	15	7	9	w.	J. Rogers.
Wolf Creek	Lewis and Clark	4,000	8	65.1		93	9	38	13	46	2.10		0.78	0	9	12	13	6	w.	A. J. Reed.
Woodville	Jefferson	6,376	3								2.35		0.68	0	8	7	19	5	sw.	Anna C. Kinman.
North Dakota.																				
Aplin	Oliver		6	65.2		90[b]	23	42[b]	1†	38[b]	3.13		0.76	0	11	15	8	8	nw.	J. C. Hagelbarger.
Arnegard	McKenzie			69.0		102	1	43	30	48	2.87		1.09	0	10	14	9	8	se.	A. B. Waterman.
Ashley	McIntosh	2,001	17	65.0	− 1.1	89	23	43	3	34	2.58	+ 0.25	1.24	0	5	21	7	3	nw.	R. C. Miles.
Beach	Billings	2,576	6	64.0		86	10†	39	14†	41	2.15		1.20	0	10	16	7	8	nw.	D. J. Steiner.
Belfield	Stark	2,583	1								3.80		2.15	0	10	15	7	9	w.	W. F. Gobius.
Berthold Agency	McLean	2,082	16	64.4	− 4.6	90	23	42	1	40	3.57	+ 2.42	1.25	0	8	18	6	7	nw.	C. L. Hall.
Bismarck	Burleigh	1,674	38	66.2	− 1.9	92	23	46	3	38	2.33	+ 0.35	0.66	0	12	12	14	5	nw.	U. S. Weather Bureau.
Broncho	Mercer		5	64.6		85	11	35	10	38	2.90		1.39	0	8	0	29	2	nw.	E. M. Walker.
Buford	Williams	1,944	7	65.1		85	23	45	30	32	2.36		0.65	0	9	14	3	14	nw.	C. H. McCune.
Carson	Morton			66.1		96	23	40	14	44	3.06		0.66	0	6	18	6	7		D. J. Basquin.
Dickinson	Stark	2,543	20	64.0	− 3.5	86	23	40	9	38	2.68	+ 0.83	1.45	0	7	13	10	8	nw.	L. R. Waldron.
Edgeley	Lamoure	1,468	11	64.4	− 2.5	94	23	35	3	44	2.65	+ 0.35	0.73	0	8	4	19	8	nw.	O. A. Thompson.
Energy	McLean																			T. L. Stanley.

TABLE 1.—*Climatological data for August, 1912. 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.
North Dakota—Contd.																				
Epping	Williams		5								3.96		1.50	0	8	18	9	4	e.	M. E. Uggen.
Fullerton	Dickey	1,439	14	64.0	− 2.6	92	24†	41	3†	40	3.28	+ 0.28	1.20	0	8	16	13	2	se.	F. O. Alin.
Garrison	McLean	1,901	3	63.4	− 2.8	89	23	43	1†	36	3.12	+ 1.45	0.74	0	9	6	18	7	nw.	G. L. Robinson.
Grinnell	Mountrail																			F. W. Hannah.
Haley	Bowman		4	67.4		95	11	44	14	43	1.08		0.65	0	6	18	7	6	nw.	A. O. Lawrence.
Hettinger	Adams	2,253	6																	W. R. Lanxon.
Howard (near)	Divide	2,275	6	61.8		83	23	37	30	35	2.94		1.42	0	9	5	14	12	se.	C. P. Amsbaugh.
Jamestown	Stutsman	1,390	25	62.1	− 4.7	90	23	39	3	40	3.64	+ 1.30	0.68	0	12	12	6	13	nw.	Thos. Pettigrew.
Lamoine	Kidder		5	62.2		90	23	41	3	36	2.32		0.69	0	9	11	14	6	nw.	E. V. Virgin.
McHenry (near)	Eddy		3	61.5		84	23	44	3	35	6.13		1.45	0	11	13	9	9	nw.	John Knox.
Marmarth (near)	Bowman		5								1.66		0.55	0	6	12	9	10	w.	S. P. Grane.
Marstonmoor	Stutsman		5	62.2		91	23	36[a]	3	41[a]	2.59		0.60	0	11	10	17	4	nw.	H. H. McCumber.
Medora	Billings	2,225	16	69.6	+ 1.3	118	27†	32	15	66	2.41	+ 0.83	1.61	0	4	19	5	7	w.	J. W. Hesser.
Melville	Foster	1,590	15	63.6	− 3.2	95[a]	23	37[a]	3	45[a]	2.97	+ 1.09	0.87	0	8				nw.	J. P. Kidder.
Mott	Hettinger		6	65.0		90	23†	41	8†	37	1.99		0.97	0	8	11	12	8	w.	O. H. Opland.
Napoleon	Logan	1,955	21	63.4	− 3.5	93	23	38	3	47	3.55	+ 1.10	2.32	0	8	10	4	17	se.	C. J. Hoof.
New England	Hettinger	2,400	17	65.6	− 1.1	87	10	42	14	41	2.31	+ 0.69	1.05	0	6	16	4	11	nw.	J. M. Connolly.
New Rockford	Eddy	1,531	3								4.36		1.44	0	10					J. V. M. Sundberg.
New Salem	Morton	2,163	6	65.4		90	24†	43	3	37	3.12		1.16	0	7	12	9	10	se.	J. Christiansen.
Orange	Adams		6	66.2		91[a]	23	40[a]	1†	48[a]	2.99		0.93	0	7				nw.	J. E. Goforth.
Ranger	Billings																			R. E. Sheriff.
Steele	Kidder	1,857	17								3.97		1.06	0	12	9	21	1	w.	H. S. Wood.
Turtle Lake	McLean																			E. G. Ramen.
Washburn	do.	1,731	9	66.4		92	23	45	3	36	1.53		0.45	0	5	7	1	23	w.	W. R. Peterson.
Williston	Williams	1,875	33	64.6	− 3.3	87	23	45	26	29	2.84	+ 1.53	1.32	0	8	6	16	9	se.	U. S. Weather Bureau.
South Dakota.																				
Aberdeen	Brown	1,300	22																	D. G. Gallett.
Academy	Charles Mix		13	69.8	− 2.7	99	25	51	10	45	3.35	+ 0.30	0.83	0	10	17	10	4	nw.	I. T. Lothrop.
Ardmore	Fall River	3,557	3																	F. L. Kelso.
Armour	Douglas	1,521	16	69.6	− 2.4	98	25	46	14	46	3.85	+ 1.16	1.30	0	7	14	10	7	n.	T. J. Markey.
Bellefourche	Butte	3,000	4					44	9		3.14		1.30	0	7	10	15	6	nw.	U. S. Reclamation Service.
Brookings	Brookings	1,636	23	66.6	− 1.2	93	25	42	3	39	4.68	+ 1.88	1.07	0	10	15	8	8	ne.	Experiment Station.
Bryant	Hamlin	1,846									2.55		1.00	0	8	7	20	4	nw.	J. W. Ault.
Camp Crook	Harding	3,000	20	65.3[e]	− 3.3	89[e]	23†	41[e]	30	45[e]	2.33	+ 0.96	1.10	0	12	19	8	4	nw.	U. S. Forest Service.
Canton	Lincoln	1,248	17	67.6	− 2.9	96	25	41	6	42	2.00	− 0.86	0.49	0	5	24	7	0	se.	John H. Holsey.
Cascade Springs	Fall River	3,422	4	68.7		95	25	44	25	51	1.44		0.94	0	4	19	6	6	e.	Fred Noerenberg.
Castlewood	Hamlin	1,685	6	65.5		95	25	44	2†	39	4.27		1.91	0	14	6	5	20	nw.	M. N. Bradley.
Centerville	Turner	1,229	15	69.6		97	25	47	2	39	3.02	− 0.31	0.97	0	11	4	21	6	nw.	Frank Williams.
Chamberlain	Brule	1,363	14	70.8	− 3.0	98	27†	48	5	45	4.30	+ 1.64	1.20	0	9	22	0	9	se.	W. B. Van Horn.
Clark	Clark	1,779	18	65.0	− 3.6	95	25	40	3	44	2.67	− 0.13	0.87	0	11	10	19	2	nw.	O. H. La Craft.
Cottonwood	Stanley	2,414	4	69.4		98	27	47	9	43	3.44		0.76	0	13	15	14	2	nw.	Experiment Station.
Custer	Custer	5,316									1.09		0.45	0	4	12	16	3	w.	R. P. Imes.
Daviston	Perkins		3	66.0		95	27	43	9	43	2.11		0.64	0	12	13	16	2	se.	P. A. Sattler.
Deadwood	Lawrence	4,535	3	62.5		87	27†	37	9	40	3.95		1.20	0	11	17	10	4		R. E. Grimshaw.
Deerfield	Pennington	6,000	3								1.23		0.31	0	9	16	9	6	sw.	Frank E. Miller.
De Smet	Kingsbury	1,726	19	67.4	− 1.9	95[b]	25	45[b]	27	44[b]	4.60	+ 2.00	1.10	0	9	25	1	5	nw.	J. O. Purinton.
Dowling	Stanley	2,250	3	69.6		98	27	51	3	41	4.98		1.50	0	9	15	11	5	nw.	M. P. Dowling.
Dumont	Lawrence	6,195	3								2.68		1.00	0	8	18	9	4	sw.	A. B. Wood.
Eagle Butte	Dewey	2,415		67.9		93	27	47	9	38	3.29		1.40	0	10	17	14	0		Dr. John F. Chandler.
Eales	Potter		1								1.86		0.65	0	10	14	12	5	se.	A. H. Peterson.
Edson	Meade		1																	J. C. Stoner.
Elk Mountain	Custer	4,700	3								1.89		1.20	0	7	18	5	8	se.	James E. Blaine.
Ellingson	Perkins			66.2		94	27	41	9	37	0.88		0.25	0	10	15	12	4	se.	Carl G. Moen.
Englewood	Lawrence	5,723	3								4.05		0.80	0	11	7	14	10	s.	T. J. Cummins.
Eureka	McPherson	1,884	3	66.3		93	23†	41	3†	43	3.27		1.01	0	12	7	23	1	nw.	Experiment Station.
Fairfax	Gregory		8	70.2		99	25	50	1	41	4.05		1.94	0	11	23	5	3	nw.	U. G. Stevenson.
Faulkton	Faulk	1,595	17	67.8	− 1.1	94	24†	44	3	43	2.65	+ 0.16	1.25	0	7	19	5	7	w.	Miss Belle Talcott.
Flandreau	Moody	1,565	22	68.0	− 0.6	93	25	44	2	38	4.13	+ 0.82	2.30	0	6	12	8	11	e.	W. A. Harris.
Forestburg	Sanborn	1,231	20																	S. S. Judy.
Fort Meade	Meade	3,624	29	66.1	− 4.4	94	28	45	2†	41	9.15	+ 7.41	3.20	0	14	15	6	10	w.	Post Hospital.
Frederick	Brown	1,371	3	65.6[g]		96[g]	25	34[g]	3	48[g]	3.55		1.88	0	9					J. E. Jeffers.
Greenmont	Lawrence	6,430	3								2.80		0.80	0	7	19	7	5	w.	H. C. Hoffbuhr.
Greenwood	Charles Mix		20	72.1	− 2.0	100	25	49	10	43	4.08	+ 1.23	1.22	0	8	18	9	4	se.	T. C. Williamson.
Hardingrove	Stanley			68.5[d]		100	27	43[g]	3	40[g]	3.19		0.84	0	10	5	15	11	se.	Mrs. Laura Sinclair.
Harveys Ranch	Lawrence	6,282	2								3.42		1.96	0	6	14	9	8		Jerome Harvey.
Hermosa	Custer	3,278	6	67.6		94	23†	47	8	40	3.28	− 1.52	0.83	0	7	20	7	4	sw.	S. M. Booth.
Highmore	Hyde	1,890	16	69.5	− 1.7	97	25	46	3	40	3.39	+ 1.01	1.05	0	8	11	13	7	se.	Experiment Station.
Hopewell	Stanley		2	70.2		104	24	48	9	44	2.59		1.12	0	9	12	9	10	nw.	E. R. Myers.
Howard	Miner	1,564	20	66.0[e]	− 3.2	97[e]	29	43[e]	8	51[e]	5.06	+ 2.29	1.90	0	10					J. J. Cox.
Howell	Hand		10	68.2	− 0.8	101	25	44	27	49	3.41	+ 0.66	0.67	0	16	13	17	1	se.	M. A. Shuster, jr.
Huron	Beadle	1,306	30	68.6	− 0.5	100	25	48	14	47	2.41	− 0.23	0.56	0	11	16	10	5	se.	U. S. Weather Bureau.
Ipswich	Edmunds	1,530	15	68.4	− 0.9	94	24†	40	3	35	3.30	+ 0.24	1.00	0	6	26	4	1	se.	J. B. Taylor.
Kadoka	Stanley	2,467	3	67.4		98	27	49[b]	9	42[b]	3.81		1.12	0	10	7	19	5	nw.	Rev. D. S. Brown.
Kennebec	Lyman	1,689	19	70.6	− 1.5	105[b]	25	48[b]	10	49[c]	2.90	+ 0.63	0.90	0	6	22	9	0		R. C. Van Horn.
Kidder	Marshall	1,295	8																	H. C. Schussler.
Kimball	Brule	1,788	23	69.4	− 1.5	97	25	48	19	38	4.85	+ 2.05	1.15	0	10	18	5	8	se.	G. D. Rose.
Lacreek	Bennett	2,700																		L. E. Baumgarten.
La Delle	Spink	1,400	15	69.2	− 1.0	100	25	44	2	35	3.18	− 0.60	1.10	0	7	13	7	11	se.	E. L. Ebbert.
Lead	Lawrence	5,200	3	63.4		83	10	42	9	31	3.07		1.08	0	13	7	19	5	nw.	E. F. Irwin.
Lemmon	Perkins	2,345	3	69.8		93[a]	23	49[a]	14	39[a]	2.95		0.89	0	6	20	11	0	n.	Arthur T. Briggs.
Manderson	Shannon		8	69.7		96	25†	45	9	45	2.62		1.06	0	8	22	5	4	s.	W. A. Spencer.
Marion	Turner	1,447	11	69.5	− 1.4	95	25	50	2†	35	4.39	+ 1.10	1.15	0	7	7	23	1	se.	M. H. Dains.
Marston	Sully		4	68.5		98	25†	40	21	47	3.62		0.88	0	10	11	18	2	ne.	John S. Walker.
Mellette	Spink	1,300	17	66.7	− 2.5	97	25	41	3†	45	2.57	− 0.38	0.59	0	8	13	13	5	nw.	Frank A. Howe.
Menno	Hutchinson	1,325	15	72.3[e]	+ 0.7	98[e]	12†	50[e]	9†	48[e]	4.47	+ 1.80	1.60	0	7					J. S. Headley.
Milbank	Grant	1,148	21	64.8	− 3.6	97	25	38	3	43	3.09	+ 0.26	0.55	0	15	16	3	12	nw.	I. T. Patridge.
Mitchell	Davison	1,312	18	67.6	− 2.7	95	25	46	14	40	5.49	+ 2.92	1.48	0	9	24	4	3	s.	C. W. Downey.
Mobridge	Walworth		1	69.6		98	25†	46	11	44	4.35		1.90	0	7	16	14	1	nw.	Thomas J. Morris.
Murdo	Lyman	2,300	4	70.1		100	25†	48	9	46	3.15		1.00	0	5	18	13	0	nw.	L. C. Bode.
Oelrichs	Fall River	3,339	20	68.4	− 2.3	99	25	42	9	52	1.84	+ 0.52	0.77	0	6	14	16	1	ne.	J. E. Strouse.
Onaka	Faulk	1,600									3.65		1.20	0	7	13	12	6	nw.	H. P. Camp.
Orman	Butte	2,920	6	68.8		92	25	49	14†	40	2.73		0.93	0	10	7	15	9	e.	U. S. Reclamation Service.
Ottumwa	Stanley		4	66.4		97[a]	27	40[a]	9†	55[a]	4.50		1.57	0	10	20	5	6		J. W. Bretz.
Parkston	Hutchinson	1,400									4.02		1.10	0	9	24	2	5		W. C. Rempfer.

TABLE 1.—*Climatological data for August, 1912. 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.
South Dakota—Contd.																				
Pierre	Hughes	1,572	20	71.0	− 2.1	99	27	54	9	38	3.85	+ 1.84	1.75	0	11	14	10	7	e.	U. S. Weather Bureau.
Plankinton	Aurora	1,528	18								4.84	+ 2.31	1.52	0	8	11	16	4	se.	W. G. Andrews.
Pollock	Campbell		6	67.4		96	23†	41	10	51	2.31		0.65	0	7	8	15	8	se.	J. H. Jones.
Rapid City	Pennington	3,251	24	67.6	− 1.2	93	27	49	3	33	2.86	+ 0.75	0.79	0	12	19	7	5	w.	U. S. Weather Bureau.
Redfield	Spink	1,295	14	68.0	− 1.2	97	24	45	3	39	3.04	− 0.37	1.11	0	7	17	2	12	nw.	A. S. Hall.
Rochford	Pennington	5,228	2								1.72		0.75	0	8	12	13	6	nw.	Mrs. M. E. Deffenbaugh.
Rosebud	Todd	2,600	18	68.5[c]	− 2.9	96[c]	25†	47[c]	10†	47[c]	2.06	+ 0.15	0.80	0	7	14	12	5	se.	W. M. Ege.
Roslyn	Day		6	64.4		94	25	42	3	40	2.47		0.72	0	10	12	12	7	nw.	O. O. Floren.
Selby	Walworth		4	67.2		92[a]	24†	48[a]	14	41[a]	3.53		0.71	0	9	19	10	2	nw.	Miss Gertrude Hall.
Sioux Falls	Minnehaha	1,400	21	68.4	− 1.9	91[a]	24†	47[a]	3	36[b]	4.30	+ 1.02	1.15	0	9	18	9	4	s.	J. H. Bechtold.
Sisseton	Roberts	1,202	6	65.1		93[a]	25	45	3†	33[a]	2.33		0.67	0	11	13	0	18	n.	George Gray.
Sorum	Perkins		1	65.8		93	28	42	9	37	1.82		0.33	0	12	11	13	7	nw.	M. S. Eberhart.
Spearfish	Lawrence	3,647	22	65.2	− 4.3	86	28	49	20	29	4.40	+ 2.84	1.84	0	9	14	11	6	s.	A. E. Johnson.
Stephan	Hyde	1,840	8	68.3		95	25	48	2†	43	3.78		1.05	0	6	15	7	9	se.	Rev. A. Mattingly.
Tama	Meade		3																	Mrs. O. V. Hansell.
Timber Lake	Dewey	2,163		69.6		95	11	48	9	38	4.04		1.78	0	6	21	10	0	nw.	R. T. Hollihan.
Tyndall	Bonhomme	1,418	15	70.2	− 1.6	95	25	51	10	36	2.64	− 0.94	1.01	0	10	16	10	5	nw.	F. F. Chladek.
Vale	Butte	2,765	4	68.6		92	23†	45	9	43	4.46		1.61	0	9	14	14	3	nw.	U. S. Reclamation Service.
Vermillion	Clay	1,222	11	71.5	− 1.1	97	25	49	2	35	3.47	+ 0.09	0.90	0	10	23	4	4	se.	Prof. E. C. Perisho.
Waters Ranch	Lawrence	4,000	2								3.80		1.44	0	12	10	5	16	e.	George Waters.
Watertown	Codington	1,735	18	65.0	− 1.9	96	25	43	3	42	2.29	− 1.07	0.63	0	12	12	13	6	ne.	Robert Q. Wood.
Wentworth	Lake		19	67.2	− 2.0	92	25	46	3	34	5.56	+ 2.57	2.39	0	9	21	6	4	s.	R. C. Zimmerman.
Wessington Springs	Jerauld	1,410	12																	Mrs. N. J. Dunham.
White Lake	Aurora	1,646	3								3.58		2.20	0	6	17	12	2	nw.	Mrs. G. A. Rogers.
Winner	Tripp	2,500		70.2		101	27	50	9	44	4.24		0.90	0	12	12	12	7	nw.	J. W. Barnum.
Yankton	Yankton	1,234	38	71.1	− 1.7	96	25	53	14	37	2.36	− 0.76	0.74	0	8	15	10	6	ne.	U. S. Weather Bureau.
Minnesota.																				
Pipestone	Pipestone	1,710	11	67.6	− 0.8	92	25	47	4	36	4.47	+ 0.37	1.05	0	10	8	15	8	sw.	A. L. Doan.
Colorado.																				
Albion Lake	Boulder	10,500	2																	F. R. Dungan.
Arriba	Lincoln	5,243	6	67.4		91	25†	47	9	40	3.41		0.77	0	13	17	14	0	s.	C. A. Creel.
Auldhurst	Teller	8,500	2								1.71		0.98	0	11	4	23	4	s.	Mrs. Alice A. Auld.
Bennett (near)	Arapahoe	5,484	4								2.58		1.00	0	8	26	4	1	n.	J. F. Egelhoff.
Boulder	Boulder	5,347	16	69.4	− 1.1	91	11	40	10	50	1.77	+ 0.29	0.55	0	11	10	20	1	e.	Prof. J. A. Hunter.
Burlington	Kit Carson	4,160	9	70.6		98	25	50	8	37	3.83		1.01	0	12	9	20	2	se.	W. P. Davis.
Cassells	Park	8,445	2								1.02		0.60	0	3	27	3	1	w.	Harriet M. Cassell.
Castle Rock	Douglas	6,220	20	65.2	− 0.4	93	25	40	23†	53	4.38	+ 2.25	1.72	0	9	11	14	6	s.	Thos. P. Vaughan.
Cheesman	Jefferson	6,890	9	64.8		87	26	43	27	42	1.44		0.35	0	8	2	29	0	s.	J. G. Thornburg.
Cheyenne Wells	Cheyenne	4,279	20																	J. W. Adams.
Cope	Washington		15	66.3	− 6.4	93	25	47	20†	45	6.44	+ 4.23	2.00	0	9	17	8	6	e.	Mrs. Dora M. Christopher.
Corona	Grand	11,660	5	45.6		60	25	30	8	24	1.64		0.32	0	7				w.	U. S. Weather Bureau.
Denver	Denver	5,272	40	70.2	− 0.2	94	26	47	9	41	1.07	− 0.27	0.42	0	8	13	15	3	sw.	Do.
Edgewater	Jefferson	5,450	4	69.4		94	25	42	9	45	2.08		0.72	0	10	17	14	0		N. P. Levin, M. D.
Estes Pk. Fish Hatch	Larimer	8,000	3								0.80		0.25	0	4	10	16	5	w.	G. H. Thomson.
Fort Collins	do	4,985	33																	Colorado Agricultural Coll.
Fort Lupton	Weld	4,907	2								0.50		0.17	0	10					R. W. Benedict.
Fort Morgan	Morgan	4,319	14	69.4	− 2.7	97	24†	44	9	49	1.81	+ 0.20	0.45	0	9	11[a]	18[a]	1[a]	ne	Miss Della M. Scott.
Frances	Boulder	9,300	7	58.8		86	26	35	8	41	1.48	− 2.00	0.52	0	10	3	27	1	w.	C. W. Barry.
Frys Ranch	Larimer	7,500	2	57.8		83	26	35	24	44	0.57		0.20	0	6	18	9	4	w.	Norman W. Fry.
Georgetown	Clear Creek	8,550	10								1.70	− 0.07	0.51	0	11	2	26	3		H. L. Corbett.
Greeley	Weld	4,649	21	68.7	− 5.7	95	25	46	9†	49	0.51	− 0.45	0.13	0	9	22	9	0	e.	Nelson Reynolds.
Grover (near)	do	5,076	8																	D. M. Porter.
Hartsel	Park	8,892	3								1.18		0.99	0	5	16	10	5	nw.	Emily Kleinknecht.
Hawthorne	Boulder	6,000	3								1.75		0.62	0	10	20	10	1		B. E. Chesebro.
Holyoke (near)	Phillips	3,745	16	64.2	− 8.7	100	25	34	9†	59	4.55	+ 2.25	2.06	0	8	20	1	10	se.	A. C. Cauble.
Idaho Springs	Clear Creek	7,543	12	62.3	+ 0.1	85[a]	26	43[a]	19	35[a]	1.26	− 1.62	0.36	0	8	4	25	2	w.	J. J. Willis.
Julesburg	Sedgwick	3,465																		Great Western Sugar Co.
Keota	Weld	4,966	1																	I. S. Griffin.
Kersey	do	4,571									1.30		0.50	0	4	15	9	7	w.	Great Western Sugar Co.
Laporte	Larimer	5,053	21								2.76	+ 1.48	1.00	0	6					P. A. Taft.
Leroy (near)	Logan	4,380	23								1.60	− 0.55	0.47	0	11	13[d]	12[d]	2[d]		Chas. Green.
Longmont	Boulder	4,950	11	68.2	− 0.3	94	9†	46	8†	47	0.98		0.29	0	8	26	3	2	sw.	Great Western Sugar Co.
Longs Peak (near)	Larimer	8,600	17	54.2	− 4.1	78	26	32	22	39	2.66	+ 0.56	1.20	0	9	13	13	5	w.	Enos A. Mills.
Lulu Pass	do		2																	A. M. McCahan.
Merino	Logan										4.63		1.42	0	7	15	12	4		Great Western Sugar Co.
Moraine	Larimer	7,775	22	56.4	− 2.9	84	26	32	9†	47	0.53	− 1.01	0.25	0	4	21	10	0	w.	Chas. A. Chapman.
Platte Canon	Jefferson	5,492	13								2.13	+ 0.60	1.40	0	4	14	17	0	w.	Denver Union Water Co.
Saint Cloud	Larimer	7,750	9								0.77		0.26	0	8	14	12	5	nw.	Homer C. Pearson.
Sedgwick	Sedgwick	3,539	4	68.4		99	25	42	9	52	4.62		1.46	0	9	14	11	6	nw.	Edwin Lewis, M. D.
Sill Mine	Clear Creek	11,500	3																	Chas. F. Deininger.
Spicer (near)	Jackson	8,700	2	58.2		91	26	24	19	60	1.30		0.50	0	5	14	8	9	sw.	Frank W. Murphy.
Sterling	Logan	3,892	3	69.4		97	25	46	9	47	2.65		0.45	0	9	12	12	7	e.	Great Western Sugar Co.
Waterdale	Larimer	5,206	9	69.4		96	26	46	9	46	1.46		0.75	0	4					P. H. Boothroyd.
Wray	Yuma	3,512	16	70.6	− 2.8	96	25	47	9	44	5.16	+ 3.05	1.42	0	8	14	16	1	e.	J. C. Tuomey.
Yuma	do	4,138	21								4.51	+ 1.33	1.13	0	8	20	6	5	se.	Matthew Harr.
Nebraska.																				
Ainsworth	Brown	2,521	7	71.2		100	25	48	8	41	5.03		0.90	0	12	2	20	9	sw.	John M. Cotton.
Albion	Boone	1,747	17	72.2	+ 0.9	103	25	47	10	48	1.80	− 1.05	1.13	0	5	12	7	12	nw.	F. M. Weitzel.
Alliance	Boxbutte	3,968	19	66.3	− 4.3	93	29	43	10	44[a]	3.35	+ 1.47	1.20	0	6	18	10	3	se.	J. A. Keegan.
Alma	Harlan	1,939	17	72.9	− 2.4	98	27†	48	10	42	3.07	− 0.61	1.39	0	8	19	8	4	sw.	W. A. Sharpnack.
Arcadia	Valley	2,186	13								1.06	− 2.18	0.45	0	6	15	12	4	se.	J. L. Owen.
Arden	Wheeler		2								2.51		0.80	0	8	15	11	5	se.	A. E. Johns.
Ashland	Saunders	1,100	30	75.0	0	100	12†	55	3†	39	3.43	− 0.47	1.82	0	10	20	8	3	s.	Dr. A. S. Mansfelde.
Ashton	Sherman	2,061	21								1.04	− 1.86	0.32	0	6	20	6	5	se.	F. Rein.
Atkinson	Holt	2,108	7	69.4		98	25	48	10	41	2.20		1.30	0	5	14	9	8	n.	C. J. Wilson.
Auburn	Nemaha	1,051	20	75.2	+ 0.4	102	28	50	4	44	1.91	− 2.24	0.50	0	10	24	2	5	sw.	J. R. Huffman.
Aurora	Hamilton	1,792																		C., B. & Q. R. R. Co.
Beatrice	Gage	1,235	23	75.0	0	95	24	54	3	30	2.46	− 1.16	0.53	0	9	16	7	8	s.	H. E. Palmer.
Beaver City	Furnas	2,147																		T. M. Davis.
Bellevue	Sarpy	1,210	30	74.8	+ 1.0	97	[illegible]	55	9	32	4.39	+ 1.34	2.09	0	7	19	7	5	ne.	A. A. Tyler.

TABLE 1.—*Climatological data for August, 1912. 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.**																				
Benkelman	Dundy	2,968	14								4.90	+ 2.39	1.60	0	7	8	17	6	sw.	R. D. Druliner.
Bertrand	Phelps	2,515																		W. F. Dobbin.
Blair	Washington	1,122	17	73.7	+ 0.2	99	25	54	4†	39	4.56	+ 0.59	1.81	0	14	19	8	4	nw.	D. C. Van Deusen.
Bloomfield	Knox		5	70.2		98	25	48	10†	42	4.52		2.69	0	9	12	15	4	s.	Dr. L. C. Bleick.
Bradshaw	York	1,715	15								2.15	− 3.02	1.57	0	3	15	15	1		E. C. Roggy.
Bridgeport	Morrill	3,658	16	68.4	− 3.0	98	25	43	9	52[a]	3.38	+ 1.68	1.21	0	11	17	9	5	se.	R. H. Willis.
Broken Bow	Custer	2,477	17	69.2	− 2.5	101	24	46	9	47	1.30	− 2.08	1.23	0	2	20	2	9	w.	C., B. & Q. R. R. Co.
Bruning	Thayer	1,583	1								6.37		3.14	0	10	19	8	4	sw.	Henry Middendorf.
Burge	Cherry	2,674																		H. A. Davis.
Butte	Boyd		7	70.2		100	25	50	10	47	2.80		0.85	0	10	18	10	3	s.	W. Whitla.
Cairo	Hall	1,951	4								0.84		0.57	0	6					Elliott Harrison.
Callaway	Custer	2,555	18	75.8	+ 3.7	103	25	52	2†	44	1.58	− 1.66	1.27	0	3	15	10	6	s.	J. H. Evans.
Cambridge	Furnas	2,258	6	72.6		101	25†	50	9	48	2.90		1.00	0	9	21	0	10	e.	Chas. Jensen.
Columbus	Platte	1,442																		A. L. Rush.
Crete	Saline	1,368	29	76.3	+ 2.7	100	12†	54	10†	38	2.02	− 1.50	0.80	0	8	18	6	7	s.	Doane College.
Culbertson	Hitchcock	2,565	26	74.4		102	25	51	9	41[a]	2.49	− 0.21	0.50	0	11	21	4	6	se.	Homer L. Nye.
Curly	Sioux		4	64.5[f]		92	25	38	9	46[f]	4.00		1.08	0	7	15	10	6	se.	A. E. Hann.
Curtis	Frontier	2,553	15	72.2	− 2.6	96	28	50	9	41	4.02	+ 0.87	1.26	0	7	17	9	5	s.	Dr. S. R. Razee.
David City	Butler	1,619	24	73.6	+ 1.9	97	25	55	4†	33	3.28	− 0.32	1.31	0	9	16	11	4	se.	S. Clingman.
Du Bois	Pawnee	1,074	7								2.04		0.47	0	11	21	3	7	sw.	O. M. Backus.
Dumas	Garfield		4	70.4		101	25	46	10	48[b]	1.58		0.57	0	9	24	3	4	sw.	Emile Raes.
Elm Creek	Buffalo	2,268	5								1.09		0.45	0	4					E. L. Sutton.
Elsie	Perkins	3,382	4								2.93		1.40	0	14					J. F. Brittain.
Ericson (near)	Wheeler	2,029	20			92	25	38	9	46[f]	2.96	+ 0.42	1.36	0	7	10	18	3	se.	J. A. Bodyfield.
Ewing	Holt	1,888	21	71.9		106	25	46	14	51	1.50	− 1.31	0.63	0	6					G. H. Benson.
Exeter	Fillmore	1,607	1								4.21		3.25	0	5					Frank Ainsworth.
Fairbury	Jefferson	1,316	38	77.0	+ 1.3	101	12	51	10	39	3.49	+ 0.17	1.50	0	8	14	13	4	ne.	W. F. Cramb.
Fairmont	Fillmore	1,641	19	73.0	− 0.4	97	13†	51	3†	40	5.46	+ 1.76	4.35	0	6	18	9	4	s.	C., B. & Q. R. R. Co.
Falls City	Richardson	898	18	78.2	+ 1.5	106	28	54	3†	36	1.77	− 1.81	0.43	0	8	16	11	4	se.	Dr. J. C. Yutzy.
Ft. Robinson	Dawes	3,764	30	67.6	− 2.4	94	25†	44	9†	43	2.59	+ 0.98	0.65	0	7	20	6	5	w.	Post Surgeon.
Franklin	Franklin	1,820	18	74.6	− 0.8	100	25†	43	1	47	2.27	− 0.74	0.82	0	6	17	6	8	se.	A. R. Peck.
Fremont	Dodge	1,203	33	74.2	+ 1.2	100	25	54	9†	39	4.18	+ 0.27	1.95	0	10	14	8	9	se.	Ernest Hahn.
Fullerton	Nance	1,629	10	73.4		102	25†	52	10	40[b]	2.74	− 1.52	1.34	0	3	19	11	1	s.	Dr. F. W. Johnson.
Geneva	Fillmore	1,633	22	74.5	0	96	12†	52	3	34	5.34	+ 1.88	2.85	0	8	19	8	4	sw.	F. M. Flory.
Genoa	Nance	1,584	37	74.4	+ 1.2	101	25	53	4†	44	3.17	+ 0.21	1.30	0	10	19	6	6	s.	F. W. Parsons.
Gordon	Sheridan	3,550																		G. F. Williams.
Gosper	Gosper		11								2.36	− 1.03	0.87	0	10	21	4	6	s.	E. H. Stoll.
Gothenburg	Dawson	2,557	18	71.3	− 1.8	101	25	48	9†	45	2.29	− 0.98	0.60	0	7	14	7	10	s.	Dr. W. J. Bartholomew.
Grand Island	Hall	1,860	20	75.2	+ 1.4	104	12†	51	10	37	1.95	− 1.91	1.10	0	5	9	9	13	e.	E. A. Barnes.
Grant	Perkins	3,405	9	69.7		101	25	46	9	46	3.16		2.00	0	7	21	2	8	se.	Cyrus Carver.
Greeley	Greeley	2,021	18	73.4[e]		101[e]	25	54[g]	14	42[g]	2.30	− 0.46	1.18	0					se.	W. E. Morgan.
Guide Rock	Webster	1,646	12								5.08	+ 1.55	2.42	0	7	19	6	6	s.	J. S. Marsh.
Halsey	Thomas	2,695	10	70.0	− 2.4	98	25	46	10	45	3.77	+ 0.98	2.22	0	10	9	11	11	ne.	U. S. Forest Service.
Hartington	Cedar	1,309	22	70.6	− 0.4	98	25	52	14	37	4.22	+ 0.41	2.82	0	7	7	19	5	se.	D. E. Ewing.
Harvard	Clay	1,812	23	76.4	+ 2.8	103	25	53	10	35	2.27	− 0.95	1.00	0	5	10	12	9	se.	Bert Gregg.
Hastings	Adams	1,932	23	74.4	+ 0.4	99	13†	52	3†	37	1.70	− 1.89	1.60	0	4	25	3	3	se.	C., B. & Q. R. R. Co.
Hayes Center	Hayes		19	71.9		99	25†	51	9	41	5.56	+ 2.18	2.60	0	11	20	6	5	se.	C. A. Ready.
Hay Springs	Sheridan	3,821	26	66.9	− 2.2	95	25	42	9	49	3.15	+ 1.07	2.00	0	7	16	8	7	se.	A. Kadlecek.
Hebron	Thayer	1,458	27	74.2	− 0.4	95	25	53	3†	34	5.22	+ 1.64	2.32	0	11					Dr. C. M. Easton.
Hemingford	Boxbutte	4,256	3								3.00		1.36	0	9					A. S. Enyeart.
Hendley	Furnas	2,231	8								3.76		1.35	0	7					T. L. Jones.
Hershey	Lincoln	2,902	1								1.82		1.00	0	6	19	7	5		G. F. Palmer.
Hillside	McPherson	3,484	3	67.2		95	25†	43	9†	48	4.57		1.23	0	15	20	6	5	se.	Mrs. M. R. Lloyd.
Holdrege	Phelps	2,324	21	73.2	− 1.6	102	25	49	10	40	2.09	− 1.11	0.58	0	9	19	4	8	se.	C., B. & Q. R. R. Co.
Hooper	Dodge	1,228	15	72.0	− 1.3	101	25	51	10	41	4.25	+ 0.08	1.40	0	9	14	2	15	se.	Dr. W. H. Heine.
Hull (near)	Banner		2								4.45		2.16	0	7	20	5	6	w.	Mrs. W. P. Miller.
Imperial	Chase	3,278	23	69.3	− 4.1	94	25†	42	7	42	4.28	+ 1.46	2.10	0	8	12	10	9	se.	Robt. Malcolm.
Kearney	Buffalo	2,146	25	75.0	+ 0.2	103	12	50	10	44	1.35	− 1.35	0.49	0	4	17	13	1	se.	City Engineer.
Kimball	Kimball	4,697	25	67.1	− 2.7	95	25	42	8	41	3.73	+ 2.24	1.17	0	9	17	11	3	se.	F. J. Bellows.
Kirkwood	Rock		17	69.7	− 1.7	101	25	46	10	47	2.74	− 0.74	0.88	0	9	15	11	5	nw.	Mrs. C. Arter.
Kowanda	Garden		4								3.00		1.28	0	10					Geo. W. Hulse.
Lamar	Chase		2								5.76		2.17	0	10	22	3	6	se.	L. R. McGaughey.
Lexington	Dawson	2,385	23	73.0	+ 0.8	102	25	48	10	49[a]	1.18	− 1.89	0.52	0	5	25	0	6	se.	Robt. Chadwick.
Lincoln	Lancaster	1,189	33	75.4	+ 1.1	102	25	55	3	39	4.16	+ 0.45	2.45	0	10	11	14	6	e.	U. S. Weather Bureau.
Lodgepole	Cheyenne	3,820	14	68.0	− 2.1	97	27	42	9	47	2.83	+ 0.92	0.90	0	10	18	8	5	e.	R. T. Kidney.
Loup City	Sherman	2,067	18	72.4	− 0.3	103	25	45	10	51	0.86	− 2.70	0.28	0	5	23	6	2	se.	Harriet Hayhurst.
Loyal	Custer		4								2.06		1.05	0	7	17	4	10	s.	C. H. Cass.
McCook	Redwillow	2,506	18	72.8	− 3.5	98	24†	50	8†	48	2.11	− 0.51	0.53	0	8	23	0	8	se.	C. G. Coglizer.
McCool Junction	York	1,575	17								3.61	+ 0.06	2.90	0	5					L. L. Slagel.
Madison	Madison	1,585	19	70.2	− 1.5	96	25	45	9†	40	2.99	− 0.36	1.10	0	6	18	9	4	sw.	Dr. F. A. Long.
Marquette	Hamilton	1,830	33								3.83	+ 0.63	1.39	0	8					John Ellis.
Mary	Brown		2								3.43		0.72	0	11	20	7	4	se.	G. C. Stufft.
Mason City	Custer	2,257	12								1.87	− 1.56	1.50	0	5					J. A. Amesbury.
Minatare	Scotts Bluff	3,825	3								3.34		0.96	0	8	16	10	5	nw.	A. Kennedy.
Minden	Kearney	2,169	35	75.3	+ 1.9	103	12†	48	10	40	1.92	− 1.73	0.68	0	8	18	8	5	se.	Joel Hull.
Mitchell	Scotts Bluff	3,950	4	66.9		96	25	42	9	48	3.59		1.63	0	10	17	9	5	se.	U. S. Reclamation Service.
Nebraska City	Otoe	941	37	75.4	+ 1.1	98	25†	51	4	36	1.94	− 1.67	0.72	0	4	20	7	4	s.	C., B. & Q. R. R. Co.
Nelson	Nuckolls	1,683	2	75.0		97	28	52	3†	41	7.44		2.60	0	7	21	7	3	se.	Mack I. Koser.
Norfolk	Madison	1,532	31	72.7	+ 0.6	101	25	50	10	43	4.04	+ 0.24	1.90	0	10	24	3	4	s.	Dr. P. H. Salter.
North Loup	Valley	1,961	24	74.2	+ 1.8	107	25	47	10	52	1.65	− 1.16	0.63	0	4	17	12	2	se.	W. G. Rood.
North Platte	Lincoln	2,841	38	70.6	− 1.6	98	25	50	9	44	1.27	− 1.19	0.67	0	5	13	14	4	se.	U. S. Weather Bureau.
Oakdale	Antelope	1,722	25	70.4	− 1.1	97	25	50	10	38	2.32	− 0.59	1.51	0	8	14	11	6	s.	G. S. Clingman.
Omaha	Douglas	1,103	42	75.3	+ 0.9	98	25	58	9	34	4.78	+ 1.16	2.08	0	10	10	10	11	s.	U. S. Weather Bureau.
Ord	Valley	2,062	17								1.97	− 1.05	0.53	0	8	17	4	10	s.	Jas. Milford.
Orleans	Harlan	1,993	5								3.58		2.00	0	5					Jas. McGeachin.
Osceola	Polk	1,644	14			102	12†				7.33	+ 3.08	3.25	0	6	8	20	3	s.	G. T. Ray.
Palisade	Hitchcock		3								2.91		0.80	0	8					E. E. Young.
Palmyra **	Otoe	1,142	20	75.0	+ 0.4	100	25	60	3†		4.12	+ 0.25	2.55	0	9	18	10	3	sw.	Thos. Coles.
Pawnee City	Pawnee	1,175	15	77.0		102	28	52	3†	34	3.25	− 0.68	1.40	0	9	20	8	3	se.	F. A. Barton.
Paxton	Keith	3,060	5	73.0[f]		96[f]	27	51[f]	21	40[f]	2.61		1.25	0	11	21	5	5	se.	C. F. Coy.
Plymouth	Jefferson	1,419	8	75.4		100	12†	51	3	37	2.78		1.10	0	6	12	11	8	e.	John Ruppel.
Purdum	Blaine		13	69.0	− 2.1	101	25	46	10	47	4.06	+ 0.80	1.22	0	11	19	6	6	se.	T. C. Jackson.
Ravenna	Buffalo	2,028	35	73.4	+ 0.4	105	25	45	10	52	0.58	− 2.68	0.14	0	8	18	11	2	s.	H. G. Smith.
Red Cloud	Webster	1,687	20	74.9	− 0.7	98	28	49	1†	40	4.01	+ 0.97	1.22	0	11	20	5	6	se.	Chas. S. Ludlow.
St. Libory	Howard	1,887	18								2.30	− 1.07	1.30	0	3	17	13	1	sw.	W. I. Meader.
St. Paul	do	1,796	19	74.6	0	104	25	52	10	46	3.10	− 0.43	1.03	0	7	22	8	1	se.	Paul Anderson.

TABLE 1.—*Climatological data for August, 1912. District No. 6*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
***Nebraska*—Continued.**																				
Santee	Knox		25	72.2	− 1.8	100	25	52	27	41	3.33	+ 0.57	1.46	0	8	19	7	5	se.	Geo. MacGregor.
Sargent	Custer	2,339																		J. L. Ferguson.
Schuyler	Colfax	1,357																		R. O. Brownell.
Scottsbluff	Scotts Bluff	3,888	6	68.0		97	25	44	9	50	3.73		0.95	0	12	22	5	4	se.	A. B. McCoskey.
Seward	Seward	1,435	22	75.0	+ 0.1	99	12†	54	3	31	6.13	+ 1.84	2.85	0	7	8	21	2	se.	C., B. & Q. R. R. Co.
Sidney	Cheyenne	4,090	20								4.18	+ 2.16	1.56	0	11	20	7	4	nw.	John P. Fischer.
Springfield	Sarpy	1,052	1								2.85		2.00	0	5	16	5	10	se.	L. A. Bates.
Springview	Keyapaha		21	70.6	− 0.8	105	25	48	9	45	4.21	+ 1.01	2.35	0	10	13	12	6	nw.	C. L. Phelps.
Stanton	Stanton	1,472	21	71.9	+ 0.1	100	25	52	16	38	1.65	− 1.61	0.67	0	5	18	13	0	se.	Alfred Pont.
Stratton	Hitchcock	2,804	17								5.86	+ 3.07	1.72	0	11					Miss Stella Vennum.
Superior	Nuckolls	1,574	28								5.10	+ 1.97	3.75	0	6					F. V. Bishop.
Syracuse	Otoe	1,059	21	75.6	+ 0.7	102	25	52	3†	42	2.50	− 1.09	0.67	0	9	17	5	9	se.	W. N. Hunter.
Table Rock	Pawnee	1,023	24								3.01	− 0.30	1.19	0	9	21	5	5	s.	E. D. Howe.
Tecumseh	Johnson	1,113																		L. E. Pratt.
Tekamah	Burt	1,060	23	73.4	+ 0.2	99	12†	53	11	41	4.08	+ 0.12	1.55	0	12	12	4	15	n.	Dr. A. D. Nesbit.
University Farm	Lancaster		27	75.7	+ 0.9	102	25	53	3	43	4.15	+ 0.25	2.11	0	9	12	15	4		S. W. Perin.
Valentine	Cherry	2,613	24	69.0	− 2.3	100	25	47	9	46	2.56	− 0.26	0.74	0	14	13	17	1	e.	U. S. Weather Bureau.
Wahoo	Saunders	1,187	10								2.84	− 1.43	1.25	0	7	19	12	0		W. T. Mauck.
Wakefield	Dixon	1,387	18	71.0	− 0.7	98	25	51	9	39	7.88	+ 3.99	3.38	0	9	17	10	4	s.	I. H. Weaver.
Walthill	Thurston		9	73.2[m]		101	25†	50	11	41[m]					6					E. W. Rossiter.
Watertown	Buffalo	2,299	7								1.05		0.50	0	6	14	16	1	s.	R. E. Swift.
Wauneta	Chase	2,935	14								2.78	− 0.42	0.88	0	9					C. D. Fuller.
Weeping Water	Cass	1,080	35	75.6		104	25	51	3†	49	3.31	− 0.70	2.18	0	10	18	5	8	s.	S. W. Orton.
Westpoint	Cuming	1,313																		J. C. Elliott.
Wisner	do	1,380	17								1.57	− 1.84	0.70	0	7	28	2	1		F. C. Evans.
York	York	1,633	22	75.1	− 0.3	101	12	51	10	43	2.93	− 0.62	1.00	0	6	18	11	2	se.	A. T. Giauque.
Iowa.																				
Afton	Union	1,212	18	78.1	− 1.8	91	25†	43	4	33	3.68	− 0.75	0.70	0	10	9	15	7	sw.	N. W. Rowell.
Allerton	Wayne		10	74.1	+ 1.0	101	25	46	4	36	3.20	− 3.62	0.75	0	10	18	9	4	nw.	Mrs. Geo. Shriver.
Alton	Sioux	1,305	7	70.2		97	25	47	2	43	2.61		0.66	0	11	14	15	2	nw.	W. S. Slagle.
Atlantic	Cass	1,164	21	73.2	+ 1.9	99	25	49	4	41	2.88	− 0.60	1.77	0	13	13	9	9	ne.	Thos. H. Whitney.
Audubon	Audubon	1,301	18	70.6	− 1.2	93	25	49	4	35	3.04	− 0.68	1.40	0	12	13	4	14	se.	Geo. E. Kellogg.
Bedford	Taylor		12	73.4	− 0.5	101	25	49	4	39	3.59	− 1.47	1.05	0	9	18	4	9	se.	E. E. Healy.
Centerville	Appanoose		2	74.5		99	25	45	5	36	1.84		0.55	0	7	24	4	3	s.	Gordon Peacock, jr.
Chariton	Lucas	1,042	17	71.5	− 1.6	100	25	44	4	45	2.24	− 2.76	0.68	0	7	10	10	11	sw.	C. C. Burr.
Clarinda	Page	1,009	22	74.2	0.0	100	25	52	4	37	5.50	+ 1.47	1.48	0	13	14	8	9	s.	A. S. Van Sandt.
Corning	Adams	1,117	20	72.6	+ 0.1	99	25	45	5	39	3.55	− 0.66	0.94	0	9	15	7	9	se.	Jerome Smith.
Corydon	Wayne	1,101	19	74.0	+ 0.4	101	25	43	4	38	2.38	− 1.94	1.06	0	10	10	8	13	sw.	May C. Miller.
Council Bluffs	Pottawattamie		2	73.3		99	25	53	4†	36	4.94		1.84	0	10	11	8	12	se.	B. W. Crossley.
Creston	Union	1,312	7	71.6		96	25	51	4	35	4.26		1.33	0	13	12	10	9	se.	O. J. Colby.
Cumberland	Cass		13								3.61	− 0.37	1.90	0	9	23	4	4	sw.	J. H. Roppert.
Denison	Crawford	1,180	18	71.0	− 0.9	96	25	50	2†	42	3.82	+ 0.06	1.19	0	10	25	4	2	s.	W. C. Van Ness.
Elliott	Montgomery		7	72.6		95	31	52	4	37	2.82		1.02	0	9	18	10	3	s.	C. H. Westrope.
Greenfield	Adair		20	72.2	− 0.2	96	25	48	4	33	4.00	+ 0.46	2.35	0	9	9	19	3	sw.	R. B. Oldham.
Harlan	Shelby	1,182	13	71.2	− 1.0	97	25	49	4	43	2.69	− 1.53	1.35	0	8	8	15	8	sw.	C. A. Reynolds.
Inwood	Lyon	1,474	8	70.3		101	25	47	1	43	1.63		0.40	0	8	14	12	5	nw.	F. B. Hanson.
Lake Park	Dickinson	1,479		69.4		94	25	43	3	35	3.06		0.94	0	8	15	12	4	nw.	A. E. Woodruff.
Lamoni	Decatur	1,120	5	72.9		96	28	48	4	33	5.94		1.66	0	12	16	1	14	s.	T. J. Fitzpatrick.
Larrabee	Cherokee	1,266	22	70.6	− 0.6	94	25	45	3	41	2.66	− 0.82	0.64	0	8	13	15	3	se.	R. C. Carnahan.
Le Mars	Plymouth	1,224	16	69.3	− 2.2	89	25	48	2	32	2.75	− 0.13	0.84	0	11	16	15	0	se.	G. A. C. Clarke.
Lenox	Taylor	1,250	17	72.8	− 0.1	93	25†	52	4	30	5.75	+ 1.63	2.30	0	10	21	5	5	s.	J. L. Hurley.
Leon	Decatur	1,120	10	73.3	+ 0.2	96	25	49	4	33	3.87	− 2.07	1.95	0	8	9	12	10	se.	Morris Gardner.
Little Sioux	Harrison		7	73.2		101	25	49	9	46	2.46		0.87	0	10	18	7	6	se.	Geo. H. Gibson.
Logan	do	928	45	72.4	− 0.3	100	25	51	11	46	2.29	− 1.45	0.81	0	7	11	17	3	se.	Glenn H. Stern.
Mount Ayr	Ringgold	1,236	19	73.4	− 0.6	98	25	50	10	34	3.66	− 0.09	1.30	0	11	13	11	7	s.	Alex Maxwell.
Murray	Clarke		21	73.2	0.0	101	25	47	4	35	2.62	− 1.19	0.45	0	10	6	20	5	s.	N. T. Ashley.
Northboro	Page			75.0		100	25	51	4	35	4.96		2.45	0	7	19	2	10	se.	J. N. Darby.
Odebolt	Sac		15	71.9	− 1.8	98	25	48	2	40	5.25	+ 1.65	3.35	0	9	25	4	2		E. Starner.
Onawa	Monona	1,051	12	73.6	− 0.6	97	25	57	2†	32	7.66	+ 2.52	3.20	0	10	17	12	2	nw.	C. G. Perkins.
Pacific Junction	Mills	960	13	72.8	− 0.7	97	31	52	9	41	2.62	− 1.21	1.24	0	4	15	16	0	s.	H. H. McCartney.
Rock Rapids	Lyon	1,358	13																	W. C. Wyckoff.
Sheldon	O'Brien	1,422	12	69.9	− 1.4	96	25	49	1†	40	4.56	+ 0.88	1.02	0	12	15	10	6	se.	Geo. Aupperle.
Sibley	Osceola	1,212	19	67.2	− 1.7	93	25	47	3	36	3.45	− 0.21	0.57	0	14	16	7	8	n.	H. G. Doolittle.
Sioux Center	Sioux		12	69.8	− 1.3	92	25	49	2	33	3.61	− 0.02	1.26	0	8	17	8	6	e.	J. de Ruyter.
Sioux City	Woodbury	1,135	23	71.4	− 1.2	97	25	53	2	35	7.03	+ 4.03	4.31	0	13	19	8	4	nw.	U. S. Weather Bureau.
Spencer	Clay		2	72.5		89	24	40	14	46	3.40		0.71	0	8				w.	S. Gillespie.
Thurman	Fremont		15	74.0	+ 0.2	96	30†	50	4	38	2.16	− 2.23	0.96	0	7	5	17	9		C. R. Paul.
Washta	Cherokee	1,157	14	70.2	− 2.4	94	25	50	1†	38	5.35	+ 2.57	2.70	0	9	20	9	2	s.	H. L. Folter.
Kansas.																				
Abilene	Dickinson	1,157	17								8.80	+ 6.02	2.36	0	9	14	9	8	sw.	T. W. Sherman.
Agricultural College	Riley	1,100	54	78.5	+ 1.7	104	28	51	1	42	3.38	− 0.24	1.20	0	8	16	6	9	sw.	Prof. J. O. Hamilton.
Alton	Osborne	1,651	10	76.7		100	30	53	10	39	9.44	+ 6.86	4.87	0	7	16	10	5	se.	H. A. Storer.
Atchison	Atchison	973	21								3.35	− 1.18	1.52	0	10	22	3	6	sw.	Prof. E. M. Stahl.
Beloit	Mitchell	1,383	17	76.6		98	27	50	1	39	6.88	+ 4.14	1.60	0	11	18	8	5	se.	F. A. Slack.
Blakeman	Rawlins	2,894	15	70.9		98	25	47	9	48	4.10	+ 1.52	1.26	0	10	22	0	9	s.	C. L. Henderson.
Blue Rapids	Marshall	1,105	6								2.48		0.79	0	7	17	1	13	sw.	M. Norton.
Cenralia	Nemaha	1,256	3	77.3		104	28	53	4†	37	2.96		0.72	0	8	20	3	8	sw.	N. S. Mazen.
Chapman	Dickinson	1,113	8	78.3		105	26†	52	9	43	4.52		2.00	0	5	10[i]	10[i]	2[i]		E. F. Halbert.
Clay Center	Clay	1,203	11	78.9		106	28	52	1	44	5.18	+ 0.78	1.60	0	7	18	4	9	s.	O. L. Slade.
Colby	Thomas	3,138	21	73.4	− 1.2	102	11	50	9†	43	4.48	+ 2.03	1.60	0	10	19	8	4	sw.	G. H. Kinkle.
Concordia	Cloud	1,398	28	77.3	+ 0.8	101	25	55	1	35	5.18	+ 2.37	2.03	0	11	9	16	6	s.	U. S. Weather Bureau.
Densmore	Norton	2,200	3	74.6		98	12	54	9	37	7.86		2.20	0	9	12	13	6	se.	J. J. Griffith.
Dresden	Decatur	2,731	18	72.4	− 3.0	98	25†	52	9	36	4.85	+ 1.97	1.08	0	8	18	6	7	se.	Jacob Bock.
Ellsworth	Ellsworth	1,537	8	76.8		107	26	52	3†	45	3.92		1.06	0	9	14	14	3	s.	Geo. Seitz.
Emmett	Pottawatomie	1,024									3.11		0.99	0	9	17	9	5	s.	C. O. Ball.
Enterprise	Dickinson	1,144	10	79.2		105	28	55	10	39	4.30		1.86	0	7	21	8	2	s.	J. R. Clark.
Eskridge	Wabaunsee	1,412	6	77.2		103	26	55	4†	31	5.41		1.97	0	8	21	9	1	s.	Geo. D. West.
Farnsworth	Lane	2,850	11	74.4	− 2.1	100	26	49	9	44	4.87	+ 2.28	1.73	0	9	23	5	3	se.	C. M. Jennison.
Fort Scott	Bourbon	857	37	79.6	+ 1.2	101	13†	52	4	34	1.74	− 2.10	0.80	0	5	23	0	8	sw.	E. A. Shaver.
Frankfort	Marshall	1,146	18	78.8	+ 1.7	104	28	51	5	39	2.76	− 2.47	0.76	0	7	19[a]	9[a]	2[a]	s.	W. W. Watson.
Garnett	Anderson	950	6	77.0		101	27	52	4	35	3.23		0.68	0	9	12	17	2	s.	D. D. Judy.
Goodland	Sherman	3,687	5																	C. C. Calvert.

TABLE 1.—*Climatological data for August, 1912. 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.**																				
Gove	Gove	2,750	23																	Jesse Royer.
Hanover	Washington	1,225	15	77.8		101	25†	53	10	37	2.06	− 2.37	0.60	0	8	19	7	5	s.	A. Jaedicke, jr.
Harrison	Jewell	1,804	11	74.6	− 0.7	97	27	52	1	37	7.43	+ 4.43	3.03	0	10	21	4	6	s.	Mahlon Tegley.
Hays	Ellis	2,000	44	77.3	+ 0.4	104	27	53	9	44	3.52	+ 0.49	0.86	0	11	10	15	6	sw.	G. K. Helder.
Hill City	Graham	2,134	4	75.6		101	29	53	9	43	6.47		3.11	0	8	19	9	3	s.	C. A. G. Inlow.
Horton	Brown	1,188	23	75.6	0.0	102	28	53	4	33	3.66	− 0.46	1.20	0	12	16	10	5	sw.	Mrs. S. C. Belden.
Hoxie	Sheridan	2,700	14	74.9	− 1.5	100	25	54	25	46	7.27	+ 4.63	2.80	0	8	13	14	4	s.	I. L. Vinson.
Lawrence	Douglas	997	44	77.7	+ 0.4	99	27†	55	4	34	4.17	− 0.11	1.43	0	6	15[a]	11[a]	4[a]	sw.	Prof. H. P. Cady.
Leavenworth	Leavenworth	913	68	77.9	+ 1.7	101	28	54	3	31	3.71	− 0.50	1.20	0	12	19	1	11	se.	Dr. A. F. Yohe.
Lebanon	Smith	1,812	14	74.6	− 1.8	95	26†	54	9	32	4.91	+ 2.31	1.50	0	7	18	0	13	n.	E. V. Bower.
Leoti	Wichita	3,300	9	73.2		100	26†	52	9	43	5.36		1.38	0	11	20	6	5	s.	Fred Burnham.
Lincoln	Lincoln	1,374		79.2		107	25	53	10	48	2.19		0.77	0	9	16	8	7	s.	R. W. Greene.
McCracken	Rush	2,139		77.8		105	26	52	9	45	2.90		1.00	0	9	15	16	0	sw.	E. D. Floyd.
Minneapolis	Ottawa	1,259	22	77.8	+ 0.6	101	25	57	3†	32	6.00	+ 2.86	2.87	0	10	22	4	5	s.	J. L. Steele.
Moran	Allen	1,098	16	79.7	+ 1.7	102	27†	53	4	38	2.86	− 2.09	1.98	0	5	19	9	13	sw.	C. J. Norton.
Natoma	Osborne	1,834	3								4.86		1.60	0	5	21	5	5	se.	C. O. Hunt.
Norton	Norton	2,284	14	73.6	− 1.0	98	12	53	9	38	5.60	+ 3.16	1.28	0	9	21	7	3	se.	Sim Sleffel.
Oberlin	Decatur	2,539	25								5.18	+ 2.29	2.10	0	10	21	7	3	se.	I. K. Huber.
Oketo	Marsuall	1,194	4	77.4		100	27	55	3†	35	5.46		2.14	0	9	14	13	4	sw.	J. A. Church.
Olathe	Johnson	1,032	17	76.4	− 0.2	97	27†	52	4	35	5.52	+ 0.81	1.89	0	10	18	10	3	sw.	Dr. S. B. S. Wilson.
Ottawa	Franklin	926	18	77.6	+ 1.4	100	27†	55	2	34	3.33	− 1.50	1.24	0	6	20	6	5	s.	W. J. Sheldon.
Phillipsburg	Phillips	1,939	21	76.8	− 0.1	102	27	54	10	42	3.44	+ 0.63	0.85	0	9	18	9	4	ne.	N. E. Bailey.
Plainville	Rooks	2,156	6								5.85		2.00	0	9	20	8	3	se.	P. D. Spellman.
Pleasanton	Linn	862	10	78.8	+ 2.3	101	28	51	4†	34	2.49	− 1.53	1.05	0	6	18	12	1	sw.	B. F. Blaker.
Quenemo	Osage	941									1.93		0.47	0	8	21	9	1	sw.	R. L. Graham.
Republic	Republic	1,495	9	75.0		98	27	50	7	39	8.70		3.55	0	11					J. W. Ambrose.
Russell	Russell	1,834	13	78.2	+ 0.8	103	25†	54	9†	41	4.06	+ 1.41	1.34	0	8	20	5	6	s.	Robert Brebner.
Russell Springs	Logan		2	73.6		101	26	50	16	47	7.76		3.00	0	11	23[a]	3	5	nw.	D. J. Hutto.
St. Francis	Cheyenne	3,288	4	71.4		96	25†	48	9	43	4.69		1.22	0	10	13	12	6	se.	J. E. Uplinger.
Salina	Saline	1,227	28	78.4	− 0.8	105	28	54	3†	34	4.81	+ 1.88	0.92	0	11	13[d]	14[d]	0[d]	s.	Prof. A. W. Jones.
Scott	Scott	2,971	6	74.5		101	26	54	9	45	6.00		2.34	0	8	21	7	3	s.	J. V. Loughran.
Smith Center	Smith	1,800	2	75.8		101	30	51	1	40	6.63		1.70	0	11	17	9	5	se.	W. H. Nelson.
Topeka	Shawnee	997	26	78.6	+ 2.6	101	28	56	4	29	3.03	− 1.26	1.09	0	9	20	10	1	s.	U. S. Weather Bureau.
Tribune	Greeley	3,612	13								3.25	+ 1.60	1.60	0	12	15	8	8	s.	Charles E. Cassell.
Valley Falls	Jefferson	913	13	76.6	+ 1.2	101	27†	52	3†	35	3.74	− 0.45	1.81	0	8	20	9	2	s.	Miss Nettie Maxwell.
Vinland	Douglas	880	3								3.87		1.25	0	7					A. Schick.
Wakeeney	Trego	2,456	29	76.0	− 1.0	104	26	53	9	43	2.84	+ 0.54	0.75	0	10	22	4	5	s.	A. S. Peacock.
Wallace	Wallace	3,303	42	72.0	− 2.8	99	26†	50	12	47	6.19	+ 4.22	2.50	0	7	4	23	4	sw.	M. T. Griggs.
Wamego	Pottawatomie	1,002	19								3.55	− 1.09	1.40	0	9	13	13	5	sw.	M. L. Stone.
Missouri.																				
Amoret	Bates	850	4	79.0		102	28	51	4	34	2.86		0.90	0	7	16[a]	6[a]	8[a]	sw.	Darby Fruit Farm.
Appleton City	St. Clair	853	23	79.9	+ 2.4	100	12†	57	10	36	3.42	− 0.58	1.52	0	3	7	24	0	sw.	T. C. Brown.
Arthur	Vernon	767	20	77.2	+ 1.0	99	26†	50	4	37	3.10	− 0.87	1.75	0	5	16	14	1	sw.	J. T. Armstrong.
Avalon	Livingston		28	76.2	− 0.5	101	28	50	4	34	5.56	+ 1.60	2.10	0	11	18	8	5	sw.	F. G. Ashbaugh.
Bethany	Harrison	881	23	76.8	+ 2.7	94	28†	58	12	28	4.54	+ 0.37	1.66	0	8	18	12	1	se.	W. H. Skinner.
Bolivar	Polk	1,070	25	79.0	+ 2.4	101	19	48	4	37	2.93	− 0.73	1.50	0	4	23	8	0	s.	A. C. Fink.
Boonville	Cooper	600	37								4.62	+ 1.22	2.00	0	15	15	4	12	sw.	C. Randecker.
Brunswick	Chariton	652	34	75.2	− 0.2	95	28	52	4	27	5.14	+ 1.12	1.15	0	12	15	5	11	sw.	Louis Beneke.
Clinton	Henry	800	26	79.1		104	27	52	4†	33	1.65	− 1.70	0.80	0	4	19	11	1	se.	A. E. Derwent, M. D.
Columbia	Boone	784	23	75.8	+ 1.1	97	28	51	4	27	4.91	+ 1.87	1.24	0	15	16	6	9	s.	U. S. Weather Bureau.
Crocker	Pulaski	1,124	2	75.2		100	29	50	5	33	4.20		1.60	0	9	19	10	2	sw.	Ira H. Stephens.
Eldon	Miller		1	78.3		99	19†	50	4	32	6.40		1.72	0	10	16	14	1	s.	G. M. Tinsley, M. D.
Eldorado Springs	Cedar	750	8	78.6		104	19	49	4	39	2.81		2.15	0	4	15[a]	10[a]	5[a]	sw.	Samuel Graham.
Fayette	Howard	725	30	75.6	− 0.4	95	28†	51	4	27	5.58	+ 2.62	1.66	0	12	17	6	8		Prof. T. B. Smith.
Fulton	Callaway	818	22	76.9[f]	+ 0.7	99	28	47	4†	32	2.72	− 0.58	0.88	0	7					Russel Johnston.
Glasgow	Howard	618	34								4.84	+ 1.74	0.96	0	12	19	1	11	s.	J. J. Shaughnessy.
Grant City	Worth	1,130	21	75.0	+ 0.5	101	25†	53	4†	32	3.48	− 0.40	0.62	0	9	19	0	12	nw.	W. H. Campbell.
Harrisonville	Cass	912	41	77.6	+ 2.3	101	28	53	4	33	4.46	+ 0.41	1.46	0	8	13	0	18	sw.	A. J. Sharp.
Hazelhurst	Livingston		20								5.48	+ 2.07	2.01	0	10					W. H. Baker.
Hermann	Gasconade	482	39								5.30	+ 2.40	1.00	0	12	10	9	12	s.	C. T. Maushund.
Houston	Texas	1,280	21	73.2	− 1.9	95	27†	44	4	36	4.86	+ 1.39	1.37	0	9	9	22	0	s.	E. Dempsey.
Jefferson City	Cole	628	31	75.0	− 1.7	98	28†	48	4	35	3.96	+ 1.37	0.75	0	11	19	1	11	s.	Miss Emma Swift.
Kansas City	Jackson	963	25	77.2	+ 1.4	98	28	58	3	25	3.75	− 1.00	2.28	0	10	19	4	8	s.	U. S. Weather Bureau.
Kidder	Caldwell	1,017	22	74.8	− 0.4	96	28	53	3	27	6.38	+ 2.45	1.50	0	12	21	5	5	sw.	J. F. Sharp.
Lamonte	Pettis	863	25	76.0		96	19†	48	4	29	5.09	+ 1.61	1.70	0	10	15	10	6	s.	J. Ed. Hall.
Lebanon	Laclede	1,265	24	75.4	− 1.0	93	28†	49	4	30	3.89	+ 0.69	1.44	0	8	15	10	6	se.	M. W. Serl.
Lexington	Lafayette	813	31	77.0	+ 1.4	97	28	50	4	30	5.71	+ 2.47	2.24	0	11	20	0	11	s.	J. W. Keithley.
Liberty	Clay	864	25	76.2	− 0.1	97	28	52	4	26	4.52	+ 0.26	1.50	0	8	13	13	5	sw.	W. C. Wilmott.
Lockwood	Dade	1,088																		C. S. Crow.
Marshall	Saline	779	22	75.5	− 0.5	96	28	50	4	30	4.66	+ 1.07	1.69	0	11	19[b]	5[b]	5[b]	sw.	Prof. W. H. Black.
Maryville	Nodaway	1,160	23	75.8	+ 1.3	101	25	51	4	37	1.88	− 2.58	0.42	0	10	22	2	7	s.	J. R. Brink.
Mount Vernon	Lawrence	1,480	36	77.2	− 0.4	97	27	54	4†	38	4.09	− 0.01	2.52	0	3	21	6	4	sw.	J. R. White & Son.
Nevada	Vernon	860	19								2.00	− 1.87	0.90	0	4	23	8	0	sw.	C. Jewell.
Oregon	Holt	1,113	58	76.2	+ 1.1	99	28	54	3	32	2.86	− 1.44	1.44	0	11	20	5	6	s.	Tom Curry.
Pattonsburg	Daviess																			Wm. Burton.
Rolla	Phelps	1,139	31	75.4	+ 0.4	94	19†	53	5	30	7.05	+ 3.33	1.68	0	15	17	8	6	sw.	Prof. P. J. Wilkins.
St. Charles	St. Charles	614	35	75.8	− 0.6	97	28	49	4	29	3.64	+ 0.69	1.10	0	10	16	7	8	s.	L. C. Saeger.
St. Joseph	Buchanan	967	41	77.0		99	28	55	3	29	4.23	+ 0.38	1.87	0	11	17	7	7	s.	U. S. Weather Bureau.
St. Louis (1)	St. Louis City	567	40	76.2	− 1.0	95	28	55	3	25	2.65	− 0.01	0.76	0	14	12	11	8	s.	Do.
St. Louis (2)	do	578	2	76.8		96	28	55	4	27	2.68		0.55	0	11	13[a]	8[a]	9[a]	w.	St. Louis University.
Sublett	Adair	1,000	33	74.2	− 0.2	98	31	42	4	37	7.01	+ 3.74	2.00	0	8	8	14	9	w.	Lewis Spriggs.
Tarkio	Atchison		1	74.7		98	28	53	4†	40	1.88		0.54	0	6	20[c]	3[c]	5[c]	s.	Prof. M. H. Rees.
Trenton	Grundy	812	18	74.8	− 0.2	94	19	51	4	29	6.64	+ 3.20	2.65	0	12	17	3	11	s.	W. H. Estes.
Unionville	Putnam	1,072	20	72.8	− 2.8	96	28	43	4	34	4.33	+ 0.32	1.60	0	12	10	8	13	s.	Geo. W. Davis.
Warrensburg	Johnson	883	33	76.4	− 0.4	97	28	52	4	28	6.97	+ 3.45	1.80	0	11	17	7	7	sw.	A. F. Smithson.
Warrenton	Warren	865	22	75.4	− 1.2	98	28	50	4	31	4.09	+ 1.35	0.79	0	12	14	3	14	s.	Prof. John H. Frick.
Warsaw	Benton	700	9	79.3		102	28	46	4	37	2.97		0.84	0	12	15	16	0	sw.	J. R. Smith, M. D.
Wheatland	Hickory	920	21								1.95	− 1.39	1.55	0	4	19	12	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, 1912. 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															.10		.35	.40	.15								.02	.02					1.04
Barnum	Powder																																		
Basin	Bighorn																																		
Bennett	North Platte																																		
Big Creek Station	do	.16								.28						.20													.32	.40		.26	1.62
Burns	South Platte	.75	.06	.60	.16			.04							1.08	.32	.16													.03	.20		3.40
Casper	North Platte			.27					.40		.10				.07	.20	.24	.29	.27									.20			.06		2.10
Centennial	do	.03	.04				.01	.06	T.	T.				T.		.06	T.										.02	.02	.02		.01	.02	0.29
Cheyenne	South Platte	.09	T.	.02			.04	.03			T.		T.	T.		.07	.02	T.	.62								.15				.40		1.44
Chugwater	North Platte	.80	.10	.34	T.			.10								.95	.08	T.												.03	.25		2.65
Clark	Yellowstone	.38	.02	.60			.03	.14			T.					.25	.01	.11										T.	.36				1.90
Cody	Bighorn	.19		.03			.11	.33								.40	.25			.02							T.		.02				1.35
Crazy Creek	Yellowstone	.06	.03	.14	.02	.01	.01								.03	.25	.05	.10	.10	.10								.06	.15	.15			1.26
Dome Lake	Tongue	.80	.40	.35				.36						.20		.30	.15	.35	.10	.15													3.16
Douglas	North Platte																																		
Dubois	Bighorn	.04	.15	.07		.09	.38										.15	.45									.04	.09					1.46
Eatons Ranch	Tongue		.92				.25											.32	.15														1.64
Echeta	Powder			.20				.30									.44		.22						T.								1.16
Elk Mountain	North Platte		.19					.46								.02		.17	.14												.70		1.68
Encampment	do	.40						.04	.30							.10	.02			.15								.12	.18	.28	.18	.02	1.79
Ervay	Powder	T.		.10	T.		T.	.16		T.						.15	T.	.10	T.									T.		.04	.07		0.62
Fort Laramie	North Platte	T.	.22	.02			T.	T.	.45								.55		.05	T.											.10		1.39
Foxpark	do	.10														.10													.10	.15	.25		0.70
Germania	Bighorn	.50		.24			T.	.80		T.	.10						.30	.40		.30													2.64
Gillette	Powder		.39	.19				.09								3.26	.10		.34		.17							.08					4.62
Horse Creek	Bighorn	.30		.56	.11		.06	.24								.22	.14	.15	.23	.05													2.06
Hunters Station	Powder	.28	.70	.15	.07		.08	.26							.46	.24	.10	.34	.17	.09													2.94
Hyattville	Bighorn																																		
Jireh	Niobrara	.12		.03	.06		.24	.52								.21	.09		.05	.08										.04	.18		1.62
Kirtley	do	.05	.18		.46		.05	.94								.06	.05		.29		.07										.07		2.22
Kirwin	Bighorn	.80	.05	.10				.20	.05						.12	.20	.15	.32	.22	.10									T.	.15			2.46
Knowles	Cheyenne	T.	1.51	.18	.09													1.06	.39											.12			3.35
Lagrange	North Platte			.05				.08								4.11	.52			.37	.03							T.	.01		.12	.02	5.31
Lander	Bighorn	T.	.01	.01		.06		.08								.01		.24	T.									T.	.11	T.			0.52
Laramie	North Platte	.33	T.	T.	.07	.08	T.							T.		.51		T.										T.	T.	T.	T.	.53	1.52
Leo	do																																		
Lolabama Ranch	Yellowstone		.20			.10	.05										.10	.30											.23				0.98
Lovell	Bighorn															.55	.02		T.	T.								T.					0.57
Lusk	Niobrara				.04	.65											.32													.09			1.10
Manville	do	.10	.03	.05	.03		.03	.45								.18	.03	.07	.01	T.										T.	.17		1.15
Moorcroft	Cheyenne		.05	.30	.09	.05		.06								.13		.01	1.23	.38	.53										.15		2.98
Moore	North Platte			.56			.01	.42					T.			.41	.01	.61	.05										.11	.01	.21		2.40
Newcastle	Cheyenne		.09	.28	.11			.18						.02		.25	T.	T.	.28	T.											T.		1.21
Pathfinder	North Platte	T.		.04			T.	.25								.05	.01	.17	.28									T.		T.	.03		0.83
Pinebluff	South Platte	T.	1.58	.07	.42	T.	.34	T.	.22			.21				.12	.98	.17	.48	.16	.09					T.			.01		.12	.33	5.30
Pine Ridge	Cheyenne			.20		.10	.16									.10	.05	.52	.40	.20										.20			1.93
Powell	Bighorn	.54		.10				.06									.20		.02	.05									.02				0.99
Rawlins	North Platte	.05					.01	.11	.02							.15		.01	.66									.04	.03	.25			1.33
Riverton	Bighorn	3.05					T.	.02								T.		4.05	2.00										T.				9.12
Rockypoint	Powder		.62		.28			.10										.64	.53	.02	.03												2.22
Saratoga	North Platte	.14		.02																	.42							.07	.24	.32	.33		1.54
Seven Mile Creek	do	.15	.06	.07			.05	.47								.40		.05								T.							1.25
Sheridan	Tongue	.05	.16	.20			.08	.02							T.	.01	T.	.53	.05	.06									.01	.01	T.		1.18
Shoshone Dam	Bighorn	.30		.10			.43									.40	.01	.07		.02							.01		.11				1.45
Soldiers Home	Powder																																		
South Pass City	North Platte	.91	T.					.09	.12						.05			.23	.04										.09	.07			1.60
Sundance	Cheyenne	.30		.35			.25											.80	.60	.30										.80			3.40
Thermopolis	Bighorn	1.06	.03	.21			.08	.12										.07					.04										1.61
Thornton	Cheyenne		.24	.35	.41			.06							.38	.06		.09	.28													.10	1.97
Ulm	Powder	.80		.17			.05	.03								T.	.24	.40	.35	.04										T.			2.08
Verona	Tongue	.85		.48			T.											.85	.19	.03													2.40
Wheatland	North Platte	T.	.27	.90	.12	T.		T.	.32								.52	.01	.02								T.	T.		.01	.22	.04	2.43
Wiants Ranch	do	.08	T.				T.									.01			.23									.11	.02	.48	.23		1.16
Wiley	Bighorn																																		
Woodrock	Tongue	.22	.38	.14	.08		.08	.07		.04						.75	.07	.17		.75								T.	T.				2.75
Worland	Bighorn		.24	.10			.12	.06									.48	.11	.19	.08													1.38
Wyncote	North Platte	.24	.04	.02	.02		.13	.40								.51	.12		.38											.17	.07		2.10
Yellowstone Park	Yellowstone	.35	.05	.03	T.	.04	.04	.01								.21	T.	.07	.10	.07							.42	.16	.02			.09	1.66
Fairview Dome	do	.38	T.	.18			.14	.18								.20	.02	.10	.27							T.	.12		.18	T.			1.77
Fountain	Madison	.60														.30	.10		.10	.20								.60				.10	2.00
Gallatin	Gallatin	.20	.40	.10		T.										.40			.30	T.						T.				.30			1.70
Grand Canyon	Yellowstone	.75	.07	.08		.02		.10								.15	.11	.10	.39	.24							.01	.53	.10	.50			3.15
Lake Yellowstone	do	.06		.01												.02	.05	.03	.08	1.00								.01	.01				1.27
Norris	Madison																																		
Riverside	do	.10	.08												.43			.12										.34					1.07
Sylvan Pass	Bighorn	1.01	.01	.02	.01	.08		.24										.97		.83							.24		.31			.08	3.80
Thumb	Yellowstone																																		
Tower Falls	do	.48	.10	.06		.05	.08									.13		.10	.34	.15							T.	.48	.31	.03			2.31
Up. Geyser Basin	Madison	1.90	.70													.70		.90	.60		1.40							.70	.40				7.30
Montana.																																			
Adel	Missouri	.16	.85	.14	T.		T.	T.		.12							.01		.78	.22	T.							T.		.04		.10	2.42
Agricultural college	Gallatin	.08	.01	.40			T.	.08								.04	.07	.20									.51			.24		T.	1.63
Augusta	Missouri	.45	.05	.50	.10					.19									.82	.73										.26			3.10
Babb	Saint Marys			.75										T.			.49		T.							.07				T.			1.31
Bald Butte	Missouri	.29	.13	.12	.05	T.				.08						.01			.87	.15								.05				.45	2.20
Bigtimber	Yellowstone	.10			.50											.05			.44														1.09
Bigtimber Creek	do	.34	.14	.84	T.			.02		T.						.16		.03	.46									.34	.26	.10		.20	2.89
Billings	do	T.	.53	T.	.08		.08	.02			.02	.02					.04		.01	.08	.01							.04	.02				0.95
Birch Creek	Missouri			.39						.03						.23			*	.73													1.38
Blackleaf	do	.31	T.	1.05						.01						.25	.24		.02	.70													2.58
Boulder Nursery	Jefferson	.34	.05	.23	T.		T.			.18	T.					T.	.04		.72	.06							T.	.06	.01	.06		.01	1.76
Bowen	do	.53	.18	.22			.01												.06	.10												.06	1.16
Bridger	Yellowstone	T.		1.23			.03									.13			.16														1.55
Broadview	do		.68		.05					T.		.02					.25			.54							T.						1.54
Busby	do	.01	.54		.21		.04					.38	.10				T.		.44	.07	.50								.05				2.34
Busteed	do	.07	T.	.04	.11		T.				T.	T.				T.	.01		.57	.12								.05	T.	T.			0.97
Cabin Creek	Jefferson	.72	.46	.15	.30	.03									.01	.05			.39	.69							.03	.05				.07	2.95
Canyon Ferry	Missouri	.16	.01	.20						.16							.18		.46	.03								.14	.01	.07			1.42
Cascade	do	.16	.10	.17	.04					.08						T.	.01		.76	.55								.01		.15		.02	2.05
Chessman Reservoir	do	.35	.41	.24						.23						.05	.17		.68	.18								.16		18		.05	2.70

TABLE 2.—*Daily precipitation for August, 1912. 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.																																	
Chester	Marias	.75		.21	.81					.21																		.13	.16	.46			2.73
Chinook	Milk	.04	.19	T.							T.		.31	.08		.06	.20	T.	.34	.62	T.							.02		.50	.03		2.39
Clearcreek	do	.48			.27								T.				.65		1.23	.54							T.	T.		.26		T.	3.43
Clemons	Missouri	.29	.01	.30	.03	.01	T.			.13							.34		.56	.73	T.							.05		.25		T.	2.70
Clydepark	Yellowstone	.27	T.	.38	T.		T.	1.00		T.			T.			.08		.07	T.	T.								.27		.07	T.	T.	1.15
Copper	Missouri	.30		.15	.25						.03					.05	.04	.02	T.			.02						T.	T.	.23		.12	1.91
Crow Agency	Bighorn	T.	.70				.01					.23	.02			.33	.05		.36	.04	T.												1.74
Culbertson	Missouri				.25	.10							.10				.15		1.00	1.25	.70						T.	T.		T.			3.55
Cut Bank	Marias	.48	T.	.58													.38			.41													1.85
Denton	Missouri	.16	T.	.06	.30						.06					.15	.02		.23	.24								.06	.03	.20		T.	1.51
Dillon	Jefferson	1.07	.68	1.22					T.								.61		.12	.07							.10				.02	.01	3.90
Dry Creek	Missouri	.08		1.09		T.	.16	.17								.20			.75									.20	.36	.10		T.	3.11
Dry Wolf Camp	do	.20	.08	.05	1.02		.01			.15					.01	T.			.37	.11						.14			.26		.23		2.63
Dunkirk	Marias	.37		.11	.17					T.							.29		.03	.53								T.	T.	T.			1.50
Ekalaka	Little Missouri.		.60																1.00														1.60
Elkhorn	Jefferson	.42	.13	.43	.02		.06	T.	.01	.12	T.					T.	.08		.30	.03	T.						T.	.12	.04	.08		T.	1.84
Fallon	Yellowstone		T.									T.	.10				.33	1.00		1.08													2.51
Findon		.28	.06	.04	.50		.22				.11					.09	.01		.63									.25	.27	.12		T.	2.58
Fish Creek	Jefferson	.85	.50	.20						.20						.30			.48	T.								.26		.08		.06	2.93
Flathead Creek	Yellowstone		.19	.15	.24	.06	T.	.29		.01						.04		.15	.27	.03								.30		.36		.12	2.21
Forsyth	do		.03									.05					.20										T.						0.28
Fort Benton	Missouri			.03	.75		.35			.30									.90	.85							.30						3.45
Fort Shaw ‖	do	.12	.01	T.	.52					.17							.02	.75	.78									.01		.20			2.58
Foster	Bighorn		T.	T.	T.		.01									T.			.22	.33									T.				0.56
Glasgow	Milk		.30		.27								T.				.80			2.85	.90												5.12
Glendive ‖	Yellowstone				.25			.02				T.	.12				.15	T.	3.20	.45	.03							T.		.12			4.34
Goldbutte	Marias	.58	.05	.08	.26												.35		.50									T.	T.	.05			1.87
Graham	Powder		2.08		.46											.53	.12	.04	.99	.15	.03			.10									4.50
Grayling	Madison	.55	.23	.19												.47		.09	.28	.09							T.			.02			1.92
Great Falls	Missouri	.14	.02	.02	.42		.02			.42	.03					T.	T.		.60	1.21								T.		.22			3.10
Half Way House	do	.45		.20				.01	T.	.01							.25	.70	.20									.30	T.	.10			2.22
Harlowton	do	.15	.14		.55																											.01	0.85
Havre	Milk	.26	.03	T.	.08					.04	.02				T.	.03	.45		.58	.49								.04	.01	.20			2.24
Helena	Missouri	.16	.11	.05		T.	T.	T.		.16						T.	.06		.79	.12								.03	T.	.11		.01	1.60
Highwood	do	.25	.01	.20	.05		.04			.05	.12			T.		T.			.10	.16										.28			1.26
Huntley	Yellowstone		.43		.07		.12				.03						.36		.15	.44	T.												1.60
Jones Canyon	Gallatin	.14	.05	.46			.15	T.								.06	.06	.07	.06	.08							.46			.36		T.	1.95
Knobles Ranch	Milk	.38	.20	.11	.10				T.	.01		.03					.45		.15	.80						.07		T.	T.				2.00
Lewistown ‖	Missouri		.19	T.	.15												.17			.23	.11	.01							.09	.13	.08		1.16
Lonetree	do	.15			.80											.15			.98	.68										.25			3.01
Lytle	do	.15	1.12	.88	.09			T.		.06							.04		.68	.64								.03		.29			3.98
Malta	Milk		.48	.01	.02	.03											1.47		1.73	.16								.20		.25			4.35
Medicine Lake	Missouri				.33	.55	T.	.02					.10				.30		.30	1.27													2.87
Mildred	Yellowstone		.15	.05			.02						.11				.26		.52	.58							T.						1.69
Miles City	do	.02	.17	T.								T.					.30	.25	.15	.29								.01	T.				1.19
Norris	Madison	.82	.10	.12													.15		.10	.01								.19		.01			1.50
Nye	Yellowstone	.18	.29	.13	.01		.01				T.	.11			T.	.26	.01	.04		.15													1.19
Olsen Creek	Jefferson	.16	.14	.69						.06		.04				.20	.12			.66								.10		.09			2.26
Pinegrove	Missouri	.32	.83		.23	.12											.23			.25								.09	.05				2.12
Pipestone Pass	Jefferson	.49	.25	.18						.23						.34	.03		.26	T.							.21		.02			T.	2.01
Plevna	Yellowstone		.10		.02			T.					.02				.11	.13	2.06	.05	.03							T.					2.52
Poplar	Missouri				T.	T.							T.				.95	T.	.41	1.45	.15							T.					2.96
Red Lodge	Yellowstone	.45		.88	T.	T.	T.	.17							T.	.18			.06	.10													1.84
Renova	Jefferson	.43	.12	.26						.10							.26		.65									.20		.15			2.17
Ryegate	Missouri	.06	.10	.06	.25													.55	.07	.26	.05		.10	.08									1.58
Savage	Yellowstone					.26		.13				T.	.11				.14		1.09	.88								T.					2.61
Shelby	Marias	.34		.28						.02							.12		.70	.02								.05		.12			1.65
Sidney	Yellowstone			.35							T.		.20				.15	.05	.75	1.06	.29												2.85
Springbrook	do		T.	T.	T.		T.	T.					.11	.01			.05	.01	.56	1.38	.25									T.			2.37
Stearns	Missouri	.07		.04	.13	T.	.21	T.									T.		.68	.56								.08	.09	.05		.03	1.94
Sunlit Farm	Milk	.08	.22	T.	.24	.03						T.	.11		.08	.03	.07		.66	.59								.08	T.	.31	.07	T.	2.57
Sun River Canyon	Missouri	.30	.03	.78	.14					.03						.18	.37		.34	.37								T.	T.	.14		.06	2.74
Trail Creek	Yellowstone	.37	.08	.54	T.		.12									.16		.12	.08								.41			.21		.28	2.37
Utica	Missouri	.21	.05		.29						.04					.07			.55	.11								.02	.10	.23			1.67
Valentine	do	.17	.31														.18		.02	.11								.06		T.			0.85
Valier	Marias	.30			.34					T.	T.						.27		.38	.55										T.			1.84
Virginia City	Jefferson	.70	.21	.17			.02												.25	.52								.25		.03			2.15
Wall Rock Mn'tn	Missouri	.10	.12	.48			.05	.16	.14							.03	.08	.11	.22								T.	.11	.27		.04	.09	1.90
Warm Sp'gs Creek	Madison	.90	.42	.11	.21		.10	.01								.01	.10	.01	.19	.79								.40		.11		.17	3.53
Wheaton	Missouri	.10	.16	.04	.24	T.	T.										.11		.27									.08	.06	.14			1.20
White Sulphur S'gs	do	.30			.42	.05		T.			.06					T.	.12		.18	.02								.08		.18			1.41
Wilder	do	.09	.46	T.	T.		T.									.12	.20		T.	.68	T.								.10				1.65
Wolf Creek	do	.13	.70	.03	T.		T.			.14									.78	.23	T.							.02		.05		.02	2.10
Woodville	Jefferson	.43	.14	.28			T.			.11						.46	.17		.68	T.					T.			T.	T.	.08		T.	2.35
North Dakota.																																	
Aplin	Knife			.58	.24			.50	.16			.01	.26				.40	.01		.76	.10							T.	.11				3.13
Arnegard	Missouri					.16	.05	T.	.07					.32	.10			.09	.14	1.09	.82							T.		.03			2.87
Ashley	do			T.	.04			T.			1.24					.77					T.	T.									.22	.31	2.58
Beach	L. Missouri				.05				.04			.07	.25	T.		.05	.06	.04	1.20	.33	.06												2.15
Belfield	Heart					.16			.11			.13	.25	.02		.20	.72	.01	2.15		.05										T.		3.80
Berthold Agency	Missouri				1.25		T.	.31	T.			.08	.09				.84		.06	.82	.12												3.57
Bismarck	do				.37	.01	.08	.02	T.			.09	.23				.43		.04	.64	.12	.01						T.		.29			2.33
Broncho	Knife				.40			.60	.03			.08	.20				1.39	.05			.15												2.90
Buford	Missouri				.35			.07					.30	.06			.20	.05	.35	.65	.33												2.36
Carson	Heart					.80	T.	.18	.20								.57			.65	T.									.66			3.06
Dickinson	do				T.	T.		T.	.02			.25	.45	.01		.05	.45		T.	1.45	T.							T.		T.			2.68
Edgeley	James							.07	.23				.73					.58			.14			.05							.55	.30	2.65
Energy	Missouri																																
Epping	do				.65	.41			.20								.31		.20	1.50	.56									.13			3.96
Fullerton	James				.06				.16	T.		1.20	.08				.68				.04		T.	T.							.60	.46	3.28
Garrison	Missouri				.65	.14		.02	.17	T.		T.	.23				.56		T.	.45	.16	T.	T.							.74			3.12
Grinnell	do																																
Haley	Grand		T.	.11	.09			T.								T.	.10		.65		.03						T.			.10			1.08
Hettinger	do																																
Howard (near)	Missouri				.17	.21	T.	.03	T.		T.	T.	T.	T.	T.		.10	.08	.44	1.42	.38							T.		.11	T.		2.94
Jamestown	James					.45	.06	.24	.01	.68			.65	.25				.55			.05	.10		.10							.50		3.64
Lamoine	Missouri				*	.38		T.	T.			T.	.27				*	.46		*	.69	T.		.11				T.	T.	T.	41	T	2.32
McHenry (near)	James					1.10			1.45				.30			.20	.70	.68		.50	.10	.10								.80			6.13
Marmarth (near)	L. Missouri		.24		.19	.07			T.							T.	.34	.27	.55	T.	T.									T.			1.66

TABLE 2.—*Daily precipitation for August, 1912. 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.																																	
Marstonmoor	James				.03	.24		T.	T.			.44	.40				.60	.03		.06	.18	T.	.04	T.				T.		T.	.42	.15	2.59
Medora	L. Missouri												.42		.18		.20		1.61														2.41
Melville	James				.30	.23	.30		T.			.57	.13				.87			.17										T.		.40	2.97
Mott	Cannon Ball.				.06				.02							.03	.59		.97	.17	.13									.02			1.99
Napoleon	Missouri				.03	2.32				.03			.13					.62				.05	.03								.34		3.55
New England	Cannon Ball.				.60											.11	.49		1.05		.05										.01		2.31
New Rockford	James		.18		.56	.13						.45			.22		.48			1.44	.48							.23		.19			4.36
New Salem	Heart				.66			.25				T.	.35				.55			1.16	.05						T.	T.		.10			3.12
Orange	Cannon Ball.			.15						.11			.13			.72	.93		.40											.55			2.99
Ranger	L. Missouri																																
Steele	Missouri			.10	.55		T.	.10	T.			1.06	.64				.65			.13	.11	.06	.01	T.					T.	.52		.04	3.97
Turtle Lake	do																																
Washburn	do				T.	.45						T.	.21				.30		.32		T.							T.		.25			1.53
Williston	do			T.	.70		T.	.21			T.	.04		T.			.10		.54	1.01	.08							T.		.16			2.84
South Dakota.																																	
Aberdeen ‖	James																																
Academy	Missouri		.09	.18		T.	.46		.14					T.			.58		.28	.41	.04										.83	.34	3.35
Ardmore	Cheyenne																																
Armour	Missouri						.50											.70	.70	.10					.25						1.30	.30	3.85
Bellefourche	Cheyenne		.88	.10	.05													1.30	.27		.07									.47			3.14
Brookings	Big Sioux					.25		.11	T.	.02			.73				1.07	.13	.73	.70	T.										.42	.52	4.68
Bryant	do				T.	.17	T.	.02	T.				.28			.05	.36	T.	1.00	.41							T.		T.			.26	2.55
Camp Crook	L. Missouri	T.	1.10	.03	.07	T.	.02	T.	T.				.18				.01	.05	.75		.01						.09		.01	.01			2.33
Canton	Big Sioux						.45	T.									.49		.43	.23											.40		2.00
Cascade Springs	Cheyenne				T.			.94									.08		.30											T.	.12		1.44
Castlewood	Big Sioux				T.	.61	.01	.01	.04	.02			.24	T.			.12	.06	1.91	.68	T.	T.	.01				T.		.03		.18	.35	4.27
Centerville	Missouri					.42	.12	T.	.04	.03			.79	T.			.41	T.	.97	.06	.01				.01		T.		T.	.16	T.	T.	3.02
Chamberlain	do			.15	.10		1.20		.38								.52		.62	.18											1.10	.05	4.30
Clark	James					.08		.02					.18			.04	.38	.25	.87	.72							.02		T.	T.	.09	.02	2.67
Cottonwood	Missouri		.76	.63	.20		.14	.04	.07				.31				.51	.04	.22	.46	.04				.02					T.			3.44
Custer	Cheyenne		.17		.32											.15			.45														1.09
Daviston	Owl	.17		.07	T.		.47	T.	.02				.02		.01	.35	.10	T.	.20	.04							.02			.64			2.11
Deadwood	Cheyenne		1.20	.10	.05		.10	.10							.65	.45		.60	.25		.25									.20			3.95
Deerfield	do		.24	.15	.08			.27						T.	T.	.31	.01	T.	.12		.03								T.	T.	.02		1.23
De Smet	James				.70		.10					.70			.25		.50	1.10	.50									T.		.25	T.	.50	4.60
Dowling	Cheyenne		.25	.50	1.50		.35		.05								.75		1.25		.08							T.		.25			4.98
Dumont	do		.53	.04	.05			.46						.06				.30	1.00	.24													2.68
Eagle Butte	Grand	T.	T.	.02			.10		.16						T.	.45	1.40		.56	.05	T.			T.			.02	T.		.48		.05	3.29
Eales	Missouri			T.	T.	.03	T.	.01	T.			.20	.16	T.		.28	.39		.03	.10						T.	T.	T.		.65		.01	1.86
Edson	Cheyenne																																
Elk Mountain	do		.12		.03		.20	.08											1.20	.13											.13		1.89
Ellingson	Grand		.01	.01	T.		.04	T.				.13	.05		.02	.05	.08		.24		T.									.25			0.88
Englewood	Cheyenne		.80	.30				.30								.60		.30	.10	.75	.40					.30			.10		.10		4.05
Eureka	Missouri								.19	.01			1.01			.17	.51	.01	.17	.10	.01		T.							.15	.43	.51	3.27
Fairfax	do		.08	.17	T.		.11	.06	.12								.42		1.94	.05	.05										.80	.25	4.05
Faulkton	James					T.			.20				.42			.40	1.25			.34						.03	T.			.01	T.		2.65
Flandreau	Big Sioux						.10						T.				.40		2.30	.35							T.				.70	.28	4.13
Forestburg	James																																
Fort Meade	Cheyenne		.30	.50	.35	.10	.35	.35						1.90		.10	.10		3.20	1.50	.10									.20	.10	T.	9.15
Frederick	James				T.	.03	T.			.13			.30				.70		.21					.05						.18	1.88	.07	3.55
Greenmont	Cheyenne	.10	.60	.60	.10													.80	.40										.20				2.80
Greenwood	Missouri			.05			.24					.19					1.03	1.02	.30		.03						T.				T.	1.22	4.08
Hardingrove	Cheyenne		.43	.18	.60		.39	.01	.16								.28		.84		.08									.22			3.19
Harveys Ranch	do		.39		.13		T.	.32		.32					1.96				.30														3.42
Hermosa	do	.83	.43	.42	T.		.39	T.								.56		.60	.05														3.28
Highmore	Missouri					.19	T.		.02					.02			.58	.12	.69	.72											1.05	T.	3.39
Hopewell	Cheyenne		T.	.18		.22	.23		.05								.15		.42	.18	.04							T.		1.12			2.59
Howard	Missouri				.04	.23	.05	T.	T.	T.			.20				.47		1.90	.65	.01										1.15	.36	5.06
Howell	James				.03	.03	.33	.01	.06	T.		.01	.05	.01		.67	.53	.60	.36	.45					T.					.01	.25	.01	3.41
Huron	do				.29	T.	.12		T.			.56		T.		T.	.53	.15	.32	.04							T.	.03		.28	.04	.05	2.41
Ipswich	do								.10			1.00			.44		.75			.26											.75		3.30
Kadoka	White		.55	.65	.02	.13	.15	T.						.07			.29		1.12	.79	.04												3.81
Kennebec	Missouri		T.				.68		.12				.35				.50			.35											.90		2.90
Kidder	James																																
Kimball	Missouri		T.	.10		.15	.37		.74					T.			.48		.15	.97						.59				1.15	.15	4.85
Lacreek	White																																
La Delle	James				.10			T.	T.				.45				.35	1.10	.53	.55							T.				.10		3.18
Lead	Cheyenne		1.08	.27	.02		.04	.13						.03	.03	.45		.10	.69		.10									.10	.03		3.07
Lemmon	Grand						.08		.15			.25					.86			.89										.72			2.95
Manderson	White			.75				.21								*	1.06		.31		.14									.13	.02		2.62
Marion	Missouri					.20	T.			T.			.35				1.15		.55	.42	T.				T.		T.				.70	1.02	4.39
Marston	do			.16		.14	.12		.06			.88					.52		.16	.85										.63	.10		3.62
Mellette	James								T.				.59			.35	.43	.04	.18	.40									.49		.09		2.57
Menno	do					.22	.20					.20				.90			.92						T.					T.	.43	1.60	4.47
Milbank ‖	Minnesota					.39	.21	.12	.02	.29	.04		.37	.02			.02	.09	.55	.38			.02						.05		.52	T.	3.09
Mitchell ‖	James				.10		.75		.02				.04				.90	1.48		.40										1.40	.40		5.49
Mobridge	Missouri				T.				T.			1.16	T.			.28	.35		.30	.10						T.	T.			1.90		.26	4.35
Murdo	White			.95			.35										.30		1.00												.55		3.15
Oelrichs	Cheyenne	.20		.10			.55	.10								.12			.77	T.													1.84
Onaka	James				T.				.11			1.20	T.		.45	.20	.79	.39	T.							T.				.51			3.65
Orman	Cheyenne		.93	.17	.05	.09	.03	.02										.78	.24	.02											.40			2.73
Ottumwa	Missouri		.50	.22	.11		.67	T.	.33					.19		.20		1.57	.52	.19													4.50
Parkston	James					.43	.33				T.	T.		T.			.78	.50	.43		.05					.14				1.10	.26		4.02
Pierre	Missouri		.13	.06	.18		.12		.02			.22		.05			.31	.16	.85											1.75			3.85
Plankinton	James			T.	T.	.08	.57		T.	T.			T.	T.			.72	.58		.85	.01										1.52	.51	4.84
Pollock ‖	Missouri					.10							.64			.24		.10	.65											.05	.53		2.31
Rapid City	Cheyenne	.13	.70	.23	.51		.02	.10				T.		T.	.01	.04	.38	.06	.61	T.				T.		T.			T.	.07	T.		2.86
Redfield ‖	James									.09			.14			.51	1.11		.20	.80											.19		3.04
Rochford	Cheyenne		.22	.09	.12			.29						.11	.75	.02			.12	T.									T.	T.	T.		1.72
Rosebud	White		T.	.80	.03		.12	T.								T.	.16			.45	.38									T.	.12	T.	2.06
Roslyn	Big Sioux					.21		.10	T.	T.			.72			.05	.35	.05		.48			.02	.02					T.		.47		2.47
Selby	Missouri								.13			.69			.36	.59		.27	.30									.34		.71	.19		3.58
Sioux Falls ‖	Big Sioux				.15	.07	.17						.28		T.			.37	.72	.31											1.08	1.15	4.30
Sisseton ‖	Minnesota					.14	.04	.02		.02			.67	.10				.25		.31		.12	.01								.65		2.33
Sorum	Owl		.26	T.	.07		.03	T.					.01	.14		.33	.12	.30		.30	.02							.02		.22			1.82
Spearfish	Cheyenne	T.	.70	.55	.53		.20	.02										1.85	.18		.15									.22	T.		4.40
Stephan	Missouri			T.		.69	.10		T.								1.05		.63	.56								T.		T.	.75		3.78
Tama	Cheyenne																																
Timber Lake	Grand						T.		.14				.74			1.78	.76		.26												.36		4.04

TABLE 2.—*Daily precipitation for August, 1912. 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	
***South Dakota*—Con.**																																	
Tyndall	Missouri	.05		.14			.55			.06			.14			.05	.96		.49	T.									T.		.12	.08	2.64
Vale	Cheyenne		.90	.36	.15		T.	T.						T.			.20	.96	1.61		.07									.19	.02		4.46
Vermilion	Missouri					.15		.45		.55			.04				.28	.55	.90										.38		.03	.14	3.47
Waters Ranch	Cheyenne		.76	.16	.22		.25	.07							.02		.03	1.44	.23		.22								.11	.29			3.80
Watertown ‖	Big Sioux					.13	.04	.10		.08			.23	T.			T.	.48	.63	.41				.01					.03		.13	.02	2.29
Wentworth	do				.24		.05						.34				.80	.04	2.39	.47											.90	.33	5.56
Wessington Springs	James																																
White Lake	Missouri						.61		.12					T.			.10			.20											2.20	.35	3.58
Winner	White	.03	.44	.32		.70		.77				.21				.90		.19	.35	.07											.16	.10		4.24
Yankton	Missouri		T.	T.			.71		.09	.07		.01	T.				.74		.62		T.						T.	.01			.11	T.	2.36
Minnesota.																																	
Pipestone	Big Sioux			T.		.48	.23	.15	.03				.26	T.			.68	1.05	.56												.85	.18	4.47
Colorado.																																	
Albion Lake	South Platte																																
Arriba	Republican	.12	.01	.01	.71		.10		.04		T.			.10	.77	.24	.21	.02			.49											.59	3.41
Auldhurst	South Platte		.03	.04		.04	.02				.10		T.	T.	.04	.30					.10	.02					T.	T.	.04		.98		1.71
Bennett (near)	do			.38			.21	.15							.31	1.00		.18		.08											.27		2.58
Boulder	do	.09						.07	.03						.25	.03	.11	.02	.36											.01	.25	.55	1.77
Burlington	Republican	.02	.14	.14		.59	1.01	.75						.20	.75	.10	.05				.04												.04	3.83
Cassells	South Platte							T.							.60															.06	.36		1.02
Castle Rock	do	1.72	T.	.18	.65			T.	T.				.23	.42	.50	T.	T.											.20	T.		.28	.20	4.38
Cheesman	do	.10	T.	.30		T.		.01	T.				.07		.35	.25		.01			T.								T.	T.	.35	T.	1.44
Cheyenne Wells	Smoky Hill																																
Cope	Republican				.55	.35		.54						.46		1.30		.34			2.00	.40									.50		6.44
Corona ‖	South Platte	.32	.14						.14							.22	.22													.32	.28		1.64
Denver	do	T.		T.			.01	.03			.01		T.	T.	.42	T.	.01	.16		T.								T.	.05	T.	.38		1.07
Edgewater	do	.05		.02				.05							.72	.07		.37											.04	.02	.43	.31	2.08
Estes Pk FishHatch	do	.15			T.		T.	T.						.25		.23		T.										T.			.17		0.80
Fort Collins	do																																
Fort Lupton	do			T.	T.	.01	.02	.02			.01		T.		T.	.01	.03	.13	.06			T.				T.				T.	.17	.04	0.50
Fort Morgan	do	.15	.28				.45	.10	T.			.12			.18	.20	.06															.27	1.81
Frances	do	.28				T.	T.	.01	.08					T.	.08	.15	.07	.09											.52	T.	.19	.01	1.48
Frys Ranch	do	.05						.03	.10							.15															.20	.04	0.57
Georgetown ‖	do	.12		T.			.03	.38					T.	.51	.34	.04	.01	.18										T.	.04	.02	.03		1.70
Greeley	do		T.					.07	.07		.01		.06			.09		.13											.03	.01	.04		0.51
Grover (near)	do																																
Hartsel	do												T.		.99	.01					.15							T.		.01	.02		1.18
Hawthorne	do	.10		.03		T.		.10							.62	.14	.03	.20	T.											.07	.34	.12	1.75
Holyoke (near)	Republican	2.06				.65	.07	.21								.15	.45				.10											.86	4.55
Idaho Springs	South Platte	.33		T.			T.	T.	.03				T.	.02	.24	.08		.36									T.			T.	.09	.11	1.26
Julesburg	do																																
Keota	do																																
Kersey	do															.50		.15				.30								.35			1.30
Laporte	do			.47	.04											.42					.28										1.00	.55	2.76
Leroy (near)	Republican	T.	.30	.20	.02		.47	.19						.07		.03	.12				.08									.05		.07	1.60
Longmont ‖	South Platte	.02					.06	.04							.11	.07		.23											T.	.16	.29		0.98
Longs Peak (near)	do	.11					.51	.30	.30					.01	1.20	.07		.08													.08		2.66
Lulu Pass	do																																
Merino	do	1.40			.32	.53		.19						.39				.38			1.42												4.63
Moraine	do	.25	.05													.13															.10		0.53
Platte Canon	do						.04								.24	.45		T.														1.40	2.13
Saint Cloud	do	.04	.09			.03	T.	.11						T.		.17	T.	.03				T.								.04	.26		0.77
Sedgwick	do		1.46	.50			.09	1.35								.32	.58		.08									T.			.06	.18	4.62
Sill Mine	do																																
Spicer (near)	North Platte														T.	.20	.12	.08										T.			.40	.50	1.30
Sterling	South Platte	.28	.45	T.	.40	.35	T.	.19					.22			.27															.13		2.65
Waterdale	do							.75					.15			.11					.36											.45	1.46
Wray	Republican	.57		.05		1.16	T.	.65						.35		1.42					.55	T.										.41	5.16
Yuma	do		.99	.10				.72							.28	.40	.38	T.			1.13										.51	T.	4.51
Nebraska.																																	
Ainsworth	Niobrara	T.	.17	.32	.11	T.	.21	T.	.09			.75				.17	.61	.65	.60												.45	.90	5.03
Albion	Loup					.29			.06				.23			.09	1.13																1.80
Alliance	North Platte		1.05			.20			.25							.20	1.20		.45											T.	T.		3.35
Alma	Republican		.50				1.39	.08	.11							.14	.59				.20		.06										3.07
Arcadia	Loup			.12			.05	.20								.45		.11									.13						1.06
Arden ‖	do		.01	T.	.30		.01		.10			.79				.80	T.	.25								T.		.25			T.		2.51
Ashland	Platte		.01	T.		.60		.05	.05				.53	.01		.13	1.82												.08			.15	3.43
Ashton	Loup		T.	T.	.08	.27		.32	.02							.27	.08																1.04
Atkinson ‖	Elkhorn							.05					.30				.45		1.30									.10					2.20
Auburn ‖	Missouri			.04			.14		.50	.50				.01	.17	.12	.06	.01			T.	.36											1.91
Aurora	Blue																																
Beatrice	do		.07			.24		.10	.08					.32		.42	.40				.53											.30	2.46
Beaver City	Republican																																
Bellevue	Missouri		T.	T.		.02		.50	.08				2.09	.03		T.	1.65	T.									.02		T.			T.	4.39
Benkelman	Republican	1.60	.05			.80	.05	.30									.50				1.60												4.90
Bertrand ‖	do																																
Blair	Missouri	.01	T.	.01		.08		.01	.19	.13			1.81	.70		.05	.66	.07	T.								.04		.65			.15	4.56
Bloomfield	do			.10			.27		.07	.04		.02	T.				2.60		.60									.62			.11		4.52
Bradshaw ‖	Blue					.56	T.	T.	T.	T.			T.				1.57			T.	.02								T.				2.15
Bridgeport	North Platte	1.21		.21	.05		.17	.13								.08	.72			.28							.18				.25	.10	3.38
Broken Bow ‖	Loup															1.23		.07															1.30
Bruning	Blue		.07		T.	.58	.10	.01	.63					T.	.36	.04	3.14				1.22											.22	6.37
Burge	Niobrara																																
Butte	do		.05	.09			.22	.11	.22								.44		.85	.11	T.										.15	.56	2.80
Cairo	Platte				.03	.03			.13					.04		.04	.57																0.84
Callaway	Loup	.12									T.						1.27	.19					T.										1.58
Cambridge	Republican	T.	1.00	T.			.10	.56		T.				.15	.10	.45	.20				.32								.02				2.90
Columbus ‖	Loup																																
Crete	Blue		.03			.22			.09				.22	.07		.41	.80				.18												2.02
Culbertson ‖	Republican	.09	.49	.03		.10	.03		.50						.10	.35	.30					.40							.10				2.49
Curly	North Platte	.74		.10		T.	.54	.44								.62	1.08		.48	T.						T.				T.			4.00
Curtis	Republican		1.26	T.	T.	T.	T.	.43	.36	.03				T.	T.	1.07	.70				.17		T.						T.				4.02
David City	Blue		.02	T.		.63		.33	.36				.13			.32	1.31		T.								T.		.13		.05		3.28
Du Bois	Missouri		.31			.21	.09	.02	.10	.03				T.	.47	.18	.05				.37	.21											2.04
Dumas	Loup		.03	T.	T.	T.		.02	.04	T.			.09			.04	.57		.45	T.									.33	.01		T.	1.58

TABLE 2.—*Daily precipitation for August, 1912. 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.																																	
Elm Creek ‖	Platte	.32						.10								.45						.22											1.09
Elsie ‖	Republican	.18	1.40	.04	.02	.07		.09	.44	.05						.15	.40					.02								.02	.02	.03	2.93
Ericson (near)	Loup		T.			.21	T.						1.36			.20	.26		.20							.44						.29	2.96
Ewing ‖	Elkhorn		.09	T.	T.	T.	T.	T.	.05			T.	T.			T.	.63		.60	T.									.10		.03		1.50
Exeter	Blue					.53							.20			.13	3.25															.10	4.21
Fairbury	do		.41		.05	T.	T.	.08	T.					.61	.13	1.50	T.				.59											.12	3.49
Fairmont ‖	Blue					.10	.65		.26	T.				.03		.07	4.35					T.											5.46
Falls City	Missouri		.15			.38	T.		.10	.04					.43	.07					.30	.30											1.77
Fort Robinson ‖	White		.17		.52	.15		.50	.35								.65														.25		2.59
Franklin	Republican		.22			.82		.12								.82					.19	.10											2.27
Fremont	Platte			T.		.42		.02	.06	.20			1.95	.10		.03	1.01	.04											.35				4.18
Fullerton	Loup					1.34				T.						.38	1.02																2.74
Geneva	Blue		T.			1.29	.03	T.	.31						.39	.08	2.85				.11											.28	5.34
Genoa	Loup		.01			.62		.32		.03		.40	.06	.40		.11	1.19												.03		T.		3.17
Gordon	Niobrara																																
Gosper	Republican		.87				.03	.02						.07	.46	.23	.33				.18		.08						.09				2.36
Gothenburg	Platte		.60	T.	.10		.35	.20	T.							.22	.60				T.		.22						T.				2.29
Grand Island ‖	do		T.			.04			.26	.07				.48			1.10										T.		T.				1.95
Grant	Republican		2.00	.04			.13	.11								.52					.02										.34		3.16
Greeley	Loup		.02	.01							.80				.02	.58	.60	.03										.24					2.30
Guide Rock	Republican	.20					1.20		.16						.27	2.42					.55											.28	5.08
Halsey	Loup		.02		.01	.30		.02								.15	.58		2.22	.01									.07		T.	.39	3.77
Hartington ‖	Missouri			T.	.14			.32					.06				.28	2.82	.44								T.		.16		T.		4.22
Harvard	Blue				T.	.24		T.	.17				T.	T.	.70	.16	1.00												T.				2.27
Hastings ‖	do		T.					T.	.06					.02	T.	T.	1.60					.02							T.				1.70
Hayes Center	Republican		1.35	.10		.05	.55	.25	.05						.86	1.74	.28				.23							.10					5.56
Hay Springs	White	.07	T.	.40	T.		.15	.30								2.00		T.	T.							.07				.16			3.15
Hebron	Blue		.16			.29	.95	T.	.12	T.				.14	.50	.10	2.32	.07			.46											.11	5.22
Hemingford ‖	Niobrara		.42	.10	.05			.09	.35								1.36			.24	.34										.05		3.00
Hendley ‖	Republican	1.35				.06		.25					.05		.43	.42					1.20												3.76
Hershey ‖	South Platte	1.00					.10	.06							.05	.60															.01		1.82
Hillside	North Platte	1.10	.87	.03		.16	.05	.03	.04					T.		.15	1.23	.14	.04	.03								.31			.05	.34	4.57
Holdrege ‖	Republican		.36				.08		.05					.30		.23	.36					.11	.58						.02				2.09
Hooper	Elkhorn	.12	.10		.15					.10			.84	.44			1.40												.75		.35		4.25
Hull (near) ‖	North Platte	1.66		.06				.19								2.16			.25	.03								.10	T.				4.45
Imperial	Republican		.98	.10	.29		.11	2.10					T.		.30	.35					.05	T.						T.					4.28
Kearney	Platte					T.		T.	.31							.24	.31						.49							T.			1.35
Kimball	South Platte	.73		.18	T.	.04	T.	.31								1.17		.52	.25											.36	.17		3.73
Kirkwood	Niobrara		.05	T.			.30					.14				T.	.49	.88		.26	.23					T.				.10	.28		2.73
Kowanda ‖	North Platte	1.28	.10	.08				.08								.74		.40	.13											.04	.05	.10	3.00
Lamar	Republican	2.17	T.	.06	T.	.75	.37	.44					T.			.25	.84				.12	.01									.75		5.76
Lexington	Platte		.44							.04						.16					.02		.52										1.18
Lincoln	do		.04	T.		.99		.06	.05	.01			.01	T.		.74	1.71				.24						T.		T.			.31	4.16
Lodgepole	South Platte	.02	.53	.12				.40								.07	.59	.90	.09											T.	.06	.05	2.83
Loup City	Loup		T.	.13		.27		.14					.04			.28																	0.86
Loyal	do		.20	.22								.15			1.05		.12		.22										.10				2.06
McCook	Republican	.12	.41				.04	.25	.35							.53					.26											.15	2.11
McCool Junction ‖	Blue			T.	.06	.32				T.			.17	T.	T.	2.90				T.												.16	3.61
Madison	Elkhorn		.11			.62		1.10				.33				T.	.73	.10									T.						2.99
Marquette	Blue		T.			1.39		.04	.45				.54			.49	.81				T.								.03			.08	3.83
Mary	Loup		T.	.16		.05	T.	.19	.03							.40	.72	.49	.67	.08									.06		T.	.58	3.43
Mason City ‖	do	.06		.04								.12				1.50		.15															1.87
Minatare	North Platte	.94				.60			.20							.96		.06	.10	.40	.08												3.34
Minden	Blue		.19					.02						.49		.22	.68				.08	.22							.02				1.92
Mitchell	North Platte	.94	.05	.01		.27		.32								.69	.94		.31											T.	.05	.01	3.59
Nebraska City	Missouri		T.			.72		.25	T.					.70		T.	.27			T.													1.94
Nelson	Blue					2.50	.06	.60						.70		2.60					.86											.12	7.44
Norfolk	Elkhorn	.10	.05	.03		.66		1.90					.10			T.	.60	.56	.02		T.								.02				4.04
North Loup	Loup						.27									.30	.45												.63			T.	1.65
North Platte	Platte	.01	.66					.14								.45	.01																1.27
Oakdale ‖	Elkhorn		.04			.32	T.	.03	T.			.03	T.			.05	1.51		.15								T.		.19		T.	T.	2.32
Omaha	Missouri		T.	T.	T.	.54		.40	.20	T.		.24	1.84			.04	1.17	.11											.02		.22		4.78
Ord	Loup	.01		.15				.05	.53							.16	.42		.16										.49				1.97
Orleans ‖	Republican		.48				2.00	.15								.65					.30												3.58
Osceola	Blue					1.70		3.25	.20				.36			.80	1.02																7.33
Palisade	Republican		.80			.25	.28	.44						.11	.25		.55				.23												2.91
Palmyra	Missouri		.05			.83			T.				.25	.06		.30	2.25	T.		.05	.16											.17	4.12
Pawnee City	do		.13			.32	T.	.20	.15					.05	.10	1.35	.05				.90												3.25
Paxton	South Platte		1.25		T.	.03	.07	.11	.03				T.		.10	.27	.01	.24											.03		T.	.47	2.61
Plymouth ‖	Blue								.11					.43	.03	1.08				.03	1.10												2.78
Purdum	Loup			.18		.44	.23	.57								.16	.54	.28	.28	T.									.14		.02	1.22	4.06
Ravenna	do		.04		T.	.05	T.	.10	T.						.02	.11	.14	.03												.09			0.58
Red Cloud	Republican		.16				.90	.01	.34					.13	.32	.16	1.22				.53		.05									.19	4.01
St. Libory	Platte					1.30			.25								.75																2.30
St. Paul	Loup			.06		1.03	.49	.42	.30							.37	.43																3.10
Santee	Missouri		T.	.16	T.		.36	.02	.04	T.			.51				.70		1.46		T.								T.		.08	T.	3.33
Sargent ‖	Loup																																
Schuyler	Platte																																
Scottsbluff	North Platte	.95	.12	.01	.03	T.	T.	.62								.34	.70	T.	.12	.57										.23	.02	.02	3.73
Seward	Blue					2.85		.15	.15				.18	T.		.65	1.95															.20	6.13
Sidney	South Platte	.30	1.56	.66	.08			.30						.05		.10	.68	.23													.15	.07	4.18
Springfield ‖	Platte	.07		.03	T.	.78		T.	T.	T.			.01	T.		T.	2.00													T.			2.89
Springview	Niobrara	T.	.15	.05			.17	.15	T.			T.				T.	.35	2.00		.36	.11										.45	.42	4.21
Stanton	Elkhorn	.12	.06				.67										.50	.30															1.65
Stratton ‖	Republican	.13	1.72	.11				.05	.45				.28		.33	.08	.85					1.50							.36				5.86
Superior ‖	do		.20	3.75				.25	.45					.20		.25																	5.10
Syracuse	Missouri		.07			.67			.18				.04	.30		.25	.26				.46											.27	2.50
Table Rock	do		.12			.30		.30	.20					.03	.49	.33					1.19	.05											3.01
Tecumseh	Missouri																																
Tekamah ‖	do	.16				.10		.10			.06		1.55	.12			.50	.91	.12										.18	.24	.04		4.08
University Farm	Platte		.04			1.30		.04	.07					.06	.26	1.85				.21												.32	4.15
Valentine	Niobrara	T.	.07	.19	.05	.35	.08	.01				T.		T.		.06	.74	.16	.24		.28									.15	.14	.04	2.56
Wahoo	Platte					.65		.08	.47			.08				1.25												.10				.21	2.84
Wakefield	Elkhorn	.08		.03		.45	T.	.32		.29			2.56				.56	3.38											.21		T.		7.88
Walthill ‖	Missouri																																
Watertown	Platte		.24			.06		.17								.50												.04		.04			1.05
Wauneta	Republican	.55			.25	.20	.05	.88						.15			.25				.32	.13											2.78
Weeping Water	Missouri	.03	.04	T.		.60		.04	T.	T.				.21		.09	2.18	.05		.06	.01												3.31
Westpoint	Elkhorn																																
Wisner	do	.08		.03				.22		.03			.13				.70												.38		T.		1.57
York	Blue		T.		T.	.55			.56	T.			.13	T.		.61	1.00				T.								.08			T.	2.93

TABLE 2.—*Daily precipitation for August, 1912. 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.																																	
Afton	Grand	.19				.48		.21	.60				.48	.70			.40			.14	.06						T.	.42					3.68
Allerton	Chariton	.18				.24	T.	.10	.18		T.		.55	.75		.04	.45				T.						.18		.53				3.20
Alton	Floyd				.01	.39	.52			T.			.54	.02			.08	.06	.51	.15									.06		.27		2.61
Atlantic	Nishnabotna	.14	T.			.05			.02	.01	.01		.28	.14		.01	1.76	.06		.04							.10		.26			T.	2.88
Audubon	do	.12				.07		.07	.02				.51	.38		.02	1.40	.25							.10		.04		.06				3.04
Bedford	Missouri		.11	T.		.55		.05	.88				.58	1.05		.06	.04				.27						T.						3.59
Centerville	Chariton	.02				.15							.25	.55			.20				.48							.19					1.84
Chariton	do					.25		T.	.34				.40	.68		T.	.25			T.	T.								.10			.22	2.24
Clarinda ‖	Nodaway			.10		.38	.32		.14	.68			1.48	.54	.77		.12	T.		.06	.85	.04					.02						5.50
Corning	do		T.			.60		T.	.35				.94	.25			.55	.04		.09	.09						T.		.64				3.55
Corydon	Chariton	.21				.25	.01	.01	.18	.02	T.		.51	1.06		T.	.08				T.								.05				2.38
Council Bluffs	Missouri		T.	.03		.48		.39	.10	T.			1.84	.22		.10	1.60	.15		T.									.03				4.94
Creston ‖	do	.03	T.			.15	.22						.50	.11	.51		.20	.11	T.	.15	.28								.06	1.27			4.26
Cumberland	Nodaway						.21		.13				.52	.23		1.90	.15			.15							.26		.06				3.61
Denison	Missouri	.10				.13		.14		T.			.80	1.19			.41	.79		.01					T.		.07				.18		3.82
Elliott	Nishnabotna	.04				.39		.06		T.			.84	.10		T.	1.02	.04		.26	T.						T.		.07				2.82
Greenfield	Nodaway	.13				.19		T.	.23				.42	.13		T.	2.35	.05		.25									.25				4.00
Harlan	Nishnabotna	.21			T.	T.	T.	T.	T.	.08			.38	.09		T.	1.35	.30	T.								T.		.22			.06	2.69
Inwood	Big Sioux				.04		.14	.09					.27				.29	T.	.40	.18					T.						.22		1.63
Lake Park	Little Sioux					.35		T.	.94	T.			.04	.03			.35	T.	.55	.20											.60	T.	3.06
Lamoni	Grand	.03	.05	.02		.38		.70	1.66	.01			1.15	.66		.29	.71				T.								.28				5.94
Larrabee	Little Sioux					.62		.44		.19			.46				.36	.28		.18											.13		2.66
Le Mars	Floyd	.01				.36		.84	T.	.01			.30				.17	.20	.33	.17									.14		.22	T.	2.75
Lenox	Missouri	T.		T.		.65		1.64	.66				1.37	.77			.21			.25	.10						.90		.20				5.75
Leon	Grand	T.				.30		.07	.25				.75	1.95		.05	.10	T.	T.										.30				3.87
Little Sioux	Little Sioux	.13		T.		.06		.06		.05			.45	.14			.47	.87											.20		.0		2.46
Logan	Missouri	.09		T.		.06		T.		T.			.81	.15			.59	.20											.39				2.29
Mount Ayr	Grand	.05	.07			.42		.28	.34				1.30	.95		.10	.12				.02						T.		.01				3.66
Murray	do	.25				.35		.08	.36	.01			.35	.23			.53			T.	.01						T.		.45				2.62
Northboro	Missouri		.08			.53		.02	.52				.06	1.30	T.	T.	T.			T.	2.45												4.96
Odebolt	Little Sioux					.25				.25			.55				.22	3.35		.20					.27				.11		.05		5.25
Onawa	Missouri	.26		T.		.05		1.10		.10	.05		1.40	.70			.50	3.20											.30		T.		7.66
Pacific Junction	do					.65		T.	T.				.70	.03		T.	1.24												T.				2.62
Rock Rapids	Big Sioux																																
Sheldon	Floyd				.07	.66	1.02	.25					.40				.06	.10	.65	.78					.03						.52	.02	4.56
Sibley ‖	Big Sioux				.03	.46	.05	.34	.12		.01		.18				T.	.33	.49	.57					.39				.01		.36	.11	3.45
Sioux Center	Floyd				T.	.85	1.12	.12		T.			.52				.12		.56	.12											.20		3.61
Sioux City	Missouri	.02				.37	1.02	.32	T.	.17	T.	.60	.03				2.40	1.95	.02	.06	T.								.04		.03		7.03
Spencer	Little Sioux						.40	.71				.60					.10	.50	.30	.50											.29		3.40
Thurman	Missouri		.06	T.		.96		T.	.03	T.			T.	.21		T.	.83			.01	.06								T.				2.16
Washta	Little Sioux					.30		.75		.30		.85					.25	2.45	T.	.25	.05										.15	T.	5.35
Kansas.																																	
Abilene ‖	Smoky Hill		T.	.28			1.90	.10	.30						1.64	1.70	.06					2.30								.46			8.80
Agricultural College	Kansas		.15			.21	.62		.27	.20					.37	.30					1.20								T.				3.38
Alton	Solomon		.40			T.		.15	1.03						4.87	1.11	1.26				.56											T.	9.44
Atchison	Missouri		.17	.01		.16	.15		.72			.02			.08	.52					1.46	.06							T.				3.35
Beloit ‖	Solomon		.42				1.60		.30	.04				T.	1.40	.61	.95	.55			.85	.10										.06	6.88
Blakeman	Republican		1.26	.05			.35	.27	.22					.43	.52	.37					.60	.03											4.10
Blue Rapids ‖	Blue			.70			.12		.33						.14	.29	.11					.79											2.48
Centralia	do		.35			.17	T.	.50	.18			T.	T.	.06	.72	.62					.30												2.96
Chapman	Smoky Hill					T.	2.00			.25					.25	.52					1.50												4.52
Clay Center	Republican		.63				.93		.55						.65	.70					1.60	.12											5.18
Colby	do		.90	.05	.05		.30		.21			.01		.03	1.60	1.10					.23												4.48
Concordia	do		.57			1.00	1.03	.20	.02					T.	.58	.94	.41				.33		.01									.03	5.18
Densmore	Solomon		1.90	.07			.28	.12	.31						2.20	1.36	.20				.82												7.86
Dresden ‖	Republican	.17	1.00	T.			.58	T.	.57					T.	1.08	.35	.23					.87											4.85
Ellsworth	Smoky Hill		.55			T.	1.06		.67					T.	.12	.03	.29				.25	.03				T.			.92				3.92
Emmett	Kansas		.50		T.	.07	.12		.67	.01				T.		.68					.99	.04							.03				3.11
Enterprise	Smoky Hill		.33				1.86		.23						.22	.56					.92								.18				4.30
Eskridge	Osage		.10			.07	1.97		.70	T.		T.		T.	.17	1.75					.54	.11											5.41
Farnsworth	Smoky Hill	.01	1.73	T.		.11	.22	.01	.80					T.	.12	1.71					.16												4.87
Fort Scott ‖	Osage							T.	.07	.02					.40	.80					T.	.45											1.74
Frankfort	Blue		.51			.23	T.		.76					.06	.21	.66					.33												2.76
Garnett	Osage		.03			.05	.09		.48					.45	.36	.52					.57	.68											3.23
Goodland	Republican																																
Gove	Smoky Hill																																
Hanover ‖	Blue			.22	T.	.27	.10	T.	.42						.05	.25	.15		T.			.60											2.06
Harrison	Republican		.14			T.	3.03	.82	.22						.59	.17	2.06				.22		.07									.11	7.43
Hays ‖	Smoky Hill	T.	.46	.11		.15	.80		.86						.03	.33	.17	.01			.13	.47											3.52
Hill City	Solomon		.88				.25	.07	.38						3.11	.26	.91				.61												6.47
Horton ‖	Kansas			.34			.25	T.	1.20		.09	.05	.10		.19	.17	.35					.80	.05							.07			3.66
Hoxie	Solomon		.78				.25	.10	.51						1.87	.56	2.80				.40								T.				7.27
Lawrence	Kansas		.04			T.	T.		1.43				.53	.99							1.17								.01				4.17
Leavenworth	Missouri		.06			.07	.02	1.20		.08	.05			.08	.55	.02				.58	.85								.15			T.	3.71
Lebanon	Solomon		.38				1.13	.10	.25	T.					1.50	.60					.95	T.											4.91
Leoti	Smoky Hill	.22	1.38	.02		.40		1.29	.06					.02	.63	1.23	.03				.08												5.36
Lincoln	Saline	T.	.22				.77	.40		.05				T.	.13	.08	.39				.07	.08											2.19
McCracken	Smoky Hill		1.00				.28	.05	.48						.07	.42	.07				.24											.29	2.90
Minneapolis	Solomon		.45			T.	2.87	.88							.26	.13	.04			T.	1.00	.10							.15			.12	6.00
Moran	Osage		T.			T.	.20		.18	T.					.10	1.98						.40	T.										2.86
Natoma	Saline						.70	1.10					.06			1.60					1.40												4.86
Norton	Republican		1.33	.05			.25	.48	.30						1.28	1.19	.15				.57												5.00
Oberlin	do		1.10	.06		.28	.03	.14	.37					T.	.75	.21	.14				2.10												5.18
Oketo	Blue		.25			.32		1.98	.16	.13				T.	1.65	.26					.68	.03											5.46
Olathe	Kansas		.02			.02	.02	T.	1.89	.01				.91		.96					1.00	.58								.02			5.52
Ottawa	Osage								.22					.93		1.24					.55	.29								.10			3.33
Phillipsburg	Solomon		.85	.04		.75		.06	.15						.32	.20	.55				.52		T.									T.	3.44
Plainville	Saline		.70			.45	.37	.10	.48						2.00	.10	1.25				.40											T.	5.85
Pleasanton	Osage							.48	.19					.23	.14	.40					T.	1.05											2.49
Quenemo	do		T.			T.	.35		.44					.03	.32	.05				.47	.13									.14			1.93
Republic	Republican		.65		.01	T.	3.55	1.12	.28	.20				T.	.44	.30	1.35	.05			.75	T.										T.	8.70
Russell	Smoky Hill		.38			.06	.51		.78					T.	.36	1.34	.05				.58											T.	4.06
Russell Springs	do	.25	1.75	.02		T.		.30	1.03					.23	1.50	1.50	1.00				.15		T.						.03				7.76
St. Francis	Republican		.60	.03			.28	.73	.04						1.22	T.	.43				.90		.04					.36				T.	4.69
Salina	Smoky Hill		.33	T.		.03	.66		.71	T.				.70	.04	.62					.92	.08							.50	.22			4.81
Scott	do	.18	1.74			.12		.13	1.30						.05	2.34					.14											T.	6.00
Smith Center	Solomon		.45				1.16	.21	.13	.04					1.70	.24	1.28				1.18		.13									.11	6.63
Topeka	Kansas		.06			T.	.27	.48	.17	.16		T.		.02		.78					1.08	.01											3.03
Tribune	Smoky Hill	.40	.02	.03	.10	.20	.40	.10			.05		.05	.20	1.60						.10												3.25

TABLE 2.—*Daily precipitation for August, 1912. 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	
***Kansas*—Contd.**																																			
Valley Falls	Kansas		T.			.10	.12		.23			.05		.13		1.81					1.10	.20												3.74
Vinland	do		.02						.70	.08				.61		1.25					1.17								.04					3.87
Wakeeney	Smoky Hill		.62			.04	.20	.09	.48						.75	.24	.32				.05												.07	2.84
Wallace	do		2.50					.10	.73						1.07	1.65					.06								.08					6.19
Wamego	Kansas		.20			.10	.50		.60	.15		.35			T.	.20					1.40								.05					3.55
Missouri.																																			
Amoret	Osage		T.	.11		T.	T.	T.	.38					.31	.30	.57					.29	.90												0.86
Appleton City	do														.92	.98						1.52												3.42
Arthur	do					T.	T.	T.	.45						.90							1.75	T.							T.				3.10
Avalon	Grand		.05			.03	.47		.69	.05			.77	.55		.40					.40	.05							2.10					5.56
Bethany	do						.05		1.14				.49	.29	.24	.52											.15		1.66					4.54
Bolivar	Osage								.50	1.00												1.38	.05											2.93
Boonville ‖	Missouri			.16			.04	.30	.12	.11	.07		.10	.41	.20	.10	.06				.06	2.00					.65			.14				4.62
Brunswick ‖	Grand			.07				1.14	.40	.35			.20	.45	.10	1.15	.05				.06	.35								.82				5.14
Clinton	Osage			.10					.63					.12	.80																			1.65
Columbia	Missouri		.15	.12		T.	.12	.13	.38	.15			.87	.89	.04	.40					.91	.33				T.	.08		.29	.05				4.91
Crocker	Gasconade			.29			.05	.26	.67			.19	.21		.75	.18						1.60												4.20
Eldon	Osage			.59			.15	.93	.72				.02	.58	1.45	.12						1.72	.12											6.40
Eldorado Springs	do						T.	.19		.25					.22	T.						2.15	T.											2.81
Fayette	Missouri		.05			T.	.59	.10	.09	.40			1.66	.24	.20	.80					1.19	.16							.10					5.52
Fulton	do			.07		.08						.67	.88		.38												.48			.16				2.72
Glasgow ‖	do			.02			T.	.44	.52	.02	.18		.58	.84	.64	.32	.20					.96								.12				4.84
Grant City	Grand		.13	T.		.62		.34	.26				.57	.40	T.	.62	T.			T.	.19	T.	T.			T.	T.		.35	T.				3.48
Harrisonville ‖	Osage			.03			T.	.06	.90	T.					.74	1.46						1.24	.02					T.		.01				4.46
Hazelhurst	Grand		T.			.08	.30	.49	.10				.73	1.32	T.	.13	T.				.27					.05			2.01					5.48
Hermann ‖	Missouri			.80			T.	.40	.18	.06	.18		.02	.86	.92	.02	1.00		T.			.28	T.	T.			.46			.12				5.30
Houston	Gasconade						T.	.11	.24	.15		.26	1.37		.05	.62		.80				1.26						T.						4.86
Jefferson City ‖	Missouri			.75				.42		.50	.65	.04		.33	.68						.18	.26					.10			.05				3.96
Kansas City	do		.01			.09		1.68	.65	.03				.05	.15	.06					.97								.06					3.75
Kidder ‖	Grand						.06	.05	1.30	.06	.08		.50	.15	1.50	.60	.36					.46								1.26				6.38
Lamonte	Missouri			.55		T.	T.		.70	.01			.18	T.	.27	.83					1.70	.60	.20				.05							5.09
Lebanon	Osage			T.			.08	.20	.12	.57			.73	.35				.40				1.44												3.89
Lexington ‖	Missouri			.05			.07	.15	1.14	.71				.26	.50	.18					.14	2.24								.27				5.71
Liberty	do		.05			T.	T.	T.	1.50	T.				.05	.75	.85					.70	.52	T.							.10				4.52
Lockwood	Osage																																	
Marshall	Missouri		.04	.02		.16	.08		.32	.30			.57	T.	.19						1.69	.96					T.			.33				4.66
Maryville ‖	do			.09		.17	.32	.03	.33				.29	.16	.04		.03					.42												1.88
Mount Vernon	Osage							T.	.33	1.24		T.										2.52												4.09
Nevada	do								.90	.38			.30									.42												2.00
Oregon	Missouri		.05			.12	.06		.47	.08			.02		.20	.22					1.44								.01				.19	2.86
Pattonsburg ‖	Grand																																	
Rolla	Gasconade			1.12			.05	.20	.57	1.67	.01	.02	.11	.11	1.30	.14	.02					1.65	.03				.05							7.05
St. Charles	Missouri			.52				.20			.43		.21		.38	.01					.32	.25				T.	1.10			.22				3.64
St. Joseph	do		.23	T.		.07	.07	.29	.25			T.	.18	T.	.07	1.80				.07	.72								.48					4.23
St. Louis (1)	Mississippi	T.	.05	.51			.06	.26	.02	.03			.47	.08	.05						.10	.25	T.			.27	.49			.01				2.65
St. Louis (2)	do	T.	T.	.55			T.	.12	.25	.02	T.		.43	T.	.20		T.	T.			.18	.25	T.			.21	.46			.01				2.68
Sublett	Chariton					1.06			.25	T.		1.25		.10		.35	1.00			T.								2.00		1.00				7.01
Tarkio	Missouri		.03			.37		.08	.46					.44							.50						T.							1.88
Trenton	Grand		.02			.15	.12	.26	.04				.52	.40	.95	.65				T.	.72					.16			2.65					6.64
Unionville ‖	Chariton	.22		T.			.26	.15	.25	.20	T.		.55	.26	.12	.08	1.60	T.			T.	T.					.10			.54				4.33
Warrensburg	Missouri		T.	.19		T.	T.		1.05	.24			.17	.24	1.36	1.15					1.80	.62	.03							.12				6.97
Warrenton ‖	do			.36				.45	.31	.28	.19			.39	.24	.04	.79					.28					.50			.26				4.09
Warsaw	Osage		.02	.16		.08	.05	.19	.84				.15	.24	.62	.09						.42	.11				T.							2.97
Wheatland	do			T.				.01	.01	.38												1.55												1.95

* Precipitation included in that of the next measurement.
‡ Separate dates for falls not recorded.

‖ Precipitation for the 24 hours ending on the morning when it was measured.
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures for August, 1912. 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	.....	.....	74	52	76	55	80	57	75	60	81	58	80	54	66	53	80	62	70	41	68	60	66	57	79	43	76	46
2	.....	.....	80	55	84	56	83	51	70	58	82	57	73	61	71	52	79	62	71	47	67	57	72	58	64	52	71	44
3	.....	.....	76	56	85	59	82	52	68	58	82	55	77	58	70	49	79	58	69	40	72	56	73	56	76	53	65	45
4	.....	.....	85	57	85	59	81	46	83	58	83	53	79	50	65	43	80	50	70	44	72	54	73	53	70	49	76	44
5	.....	.....	77	54	86	53	82	45	80	58	79	50	81	47	71	41	84	44	71	45	78	53	78	52	70	40	81	40
6	.....	.....	77	52	85	54	81	47	84	54	80	56	74	49	68	42	80	53	70	40	72	45	68	56	78	44	77	39
7	.....	.....	66	48	63	51	58	49	72	54	73	48	66	49	59	42	76	54	74	37	73	55	71	54	70	45	74	34
8	.....	.....	66	46	76	49	75	46	71	44	73	43	74	42	74	38	82	43	72	39	81	43	80	47	78	40	80	35
9	.....	.....	74	41	78	43	85	45	76	46	85	47	84	43	81	47	86	46	75	41	89	52	87	55	76	48	85	44
10	.....	.....	87	49	84	50	86	55	85	60	86	59	80	52	73	47	88	56	80	43	79	57	77	56	84	40	82	44
11	.....	.....	86	57	85	55	85	49	92	62	83	51	85	51	72	44	86	52	81	40	77	52	74	52	78	46	82	50
12	.....	.....	83	57	84	58	85	46	80	56	84	53	76	46	72	38	79	40	79	37	70	48	72	47	75	36	72	52
13	.....	.....	76	57	83	54	81	48	82	58	82	49	77	47	75	39	80	42	78	39	77	42	78	45	71	36	72	42
14	.....	.....	72	51	81	55	78	51	81	58	84	56	84	44	77	42	84	46	78	40	78	50	82	49	72	47	76	54
15	.....	.....	73	54	69	59	75	50	72	56	71	58	80	56	57	48	80	57	77	41	74	52	76	60	78	55	80	52
16	.....	.....	80	50	80	56	80	44	85	60	78	56	81	54	60	39	83	53	70	39	70	48	62	46	75	52	78	62
17	.....	.....	76	54	89	54	67	50	86	56	78	55	72	53	62	36	75	47	72	33	74	40	73	41	67	37	72	41
18	.....	.....	80	51	85	56	69	45	80	56	70	53	69	49	52	43	77	50	69	38	59	50	60	45	76	42	72	52
19	.....	.....	75	51	81	50	75	38	76	46	74	47	69	44	54	46	71	42	78	34	60	54	60	47	57	42	60	55
20	.....	.....	69	48	77	46	72	40	72	45	74	44	71	42	68	34	77	43	80	39	75	49	70	42	57	40	72	52
21	.....	.....	80	50	87	46	82	41	85	50	77	48	78	44	74	38	86	42	80	42	81	53	80	48	72	40	80	52
22	.....	.....	80	46	90	46	86	47	85	52	81	49	86	43	79	39	93	42	86	49	86	55	84	52	78	44	87	54
23	.....	.....	83	48	92	45	84	50	88	50	84	53	86	47	76	46	90	43	89	47	83	64	84	58	86	42	85	54
24	.....	.....	85	54	93	50	87	45	97	60	84	51	89	50	78	44	94	44	88	48	90	55	90	58	80	54	82	52
25	.....	.....	88	57	100	44	87	52	86	52	81	51	87	53	78	47	91	48	90	48	70	52	83	58	84	47	72	49
26	.....	.....	89	58	85	56	92	48	85	65	90	52	85	46	83	42	87	48	89	44	84	50	87	51	82	50	79	49
27	.....	.....	80	58	90	59	83	63	86	52	81	63	87	54	67	49	90	62	87	42	76	54	76	57	87	59	79	59
28	.....	.....	83	53	93	59	81	55	90	60	80	56	81	48	71	43	85	46	88	42	79	46	78	49	81	40	80	49
29	.....	.....	85	60	94	50	78	57	85	58	73	62	68	46	62	41	72	48	80	40	61	44	60	45	89	42	74	53
30	.....	.....	63	52	70	55	75	48	85	60	74	49	76	45	59	32	72	36	78	36	66	44	72	38	63	30	78	38
31	.....	.....	76	53	85	50	80	39	85	58	76	55	82	41	62	43	84	40	76	35	69	47	63	44	72	44	72	43
Mns.	.....	.....	78.2	52.5	83.7	52.6	79.8	48.4	81.5	55.5	79.5	52.8	78.6	48.6	68.9	42.5	82.3	48.4	77.9	41.0	74.5	50.0	74.5	50.8	75.0	44.5	76.5	47.7

Date.	Montana.				North Dakota.										South Dakota.													
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		Jamestown.§§		Williston.		Aberdeen.§§		Huron.		Kadoka.		Kimball.		Lemmon.		Pierre.		Rapid City.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	78	64	77	53	79	42	76	51	77	49	73	46	76	49	.....	.....	76	52	82	.....	84	62	80	62	80	56	77	54
2	64	60	72	58	74	50	70	48	70	55	70	43	70	54	.....	.....	73	51	76	54	79	55	72	65	66	58	58	51
3	70	57	69	50	73	47	71	46	70	50	71	39	70	53	.....	.....	74	51	64	52	71	53	85	63	71	56	73	49
4	84	58	76	54	81	52	81	54	81	55	66	43	78	52	.....	.....	76	55	83	58	77	57	84	65	85	62	81	58
5	85	56	80	54	77	55	79	56	79	50	77	52	77	57	.....	.....	87	59	83	57	85	57	.....	.....	86	58	80	58
6	78	58	71	54	75	46	82	53	77	41	79	53	76	53	.....	.....	84	54	73	56	88	58	84	56	73	57	76	58
7	76	56	75	51	70	47	68	52	70	47	74	57	68	54	.....	.....	80	56	72	57	75	53	73	51	76	56	67	56
8	80	50	83	45	77	51	73	53	73	54	63	54	76	55	.....	.....	76	51	71	51	76	51	72	53	75	57	70	53
9	86	54	85	45	79	44	78	51	79	40	73	51	77	51	.....	.....	76	54	76	49	74	52	80	52	78	54	74	51
10	84	60	86	50	82	52	82	51	85	49	78	51	82	59	.....	.....	84	51	86	52	80	54	85	60	83	55	81	52
11	88	60	85	52	84	59	90	60	84	56	83	52	83	57	.....	.....	86	56	91	60	85	55	91	52	91	62	85	64
12	78	53	75	53	74	54	74	60	73	53	75	50	73	52	.....	.....	83	61	81	60	83	61	79	65	84	64	76	54
13	81	48	83	47	74	47	76	54	75	44	75	51	69	50	.....	.....	82	53	81	56	78	56	81	51	85	56	77	53
14	85	51	80	45	80	44	80	49	79	41	71	50	77	48	.....	.....	83	48	87	54	84	53	84	49	83	56	81	51
15	91	60	82	52	84	47	81	56	80	55	79	53	79	54	.....	.....	81	62	83	56	84	57	85	57	83	64	78	55
16	80	66	77	60	75	58	68	61	77	58	69	45	69	60	.....	.....	74	62	86	60	80	60	78	57	86	60	81	62
17	80	54	79	49	79	57	78	60	74	54	71	57	78	60	.....	.....	85	63	86	60	84	60	75	62	85	61	80	57
18	81	60	67	57	72	56	73	58	70	58	67	56	67	59	.....	.....	83	64	79	62	82	64	80	56	80	63	78	57
19	70	52	65	56	68	56	71	57	70	56	71	57	63	56	.....	.....	81	60	79	53	78	48	73	62	80	61	74	53
20	75	55	71	55	73	56	72	56	70	54	72	51	74	55	.....	.....	76	58	72	56	76	60	70	52	74	61	73	54
21	82	52	80	51	80	50	81	56	78	50	80	45	79	54	.....	.....	82	55	73	53	74	54	89	53	84	58	80	51
22	88	56	86	53	81	53	80	55	80	54	73	43	84	55	.....	.....	80	59	86	57	83	56	90	54	86	66	84	61
23	88	56	84	52	90	50	92	54	86	54	90	50	87	58	.....	.....	94	56	94	59	91	57	93	56	96	63	90	64
24	94	55	86	55	81	57	87	57	83	52	88	52	78	56	.....	.....	96	62	93	58	93	60	91	75	96	64	90	64
25	82	56	74	53	77	55	86	56	79	56	85	51	70	55	.....	.....	100	53	94	54	97	59	89	59	98	60	91	62
26	88	54	75	58	77	44	78	50	76	46	75	47	73	45	.....	.....	75	57	80	54	87	57	78	61	77	59	82	53
27	86	69	76	56	85	53	87	56	85	58	79	48	77	55	.....	.....	89	51	98	56	94	58	91	59	99	61	93	60
28	89	54	83	52	75	53	73	56	78	50	69	51	77	54	.....	.....	72	61	92	.....	83	61	84	53	82	61	84	57
29	74	59	71	54	80	55	75	56	83	50	68	49	77	56	.....	.....	82	55	92	60	82	52	83	55	81	58	87	58
30	76	49	73	43	72	43	73	52	71	44	69	56	69	46	.....	.....	69	58	72	58	78	62	88	52	68	60	69	56
31	82	50	78	44	80	47	78	54	77	49	67	46	77	50	.....	.....	72	55	90	54	77	57	85	50	90	59	83	55
Mns.	81.4	56.2	77.5	52.0	77.7	51.0	77.8	54.5	77.1	51.0	74.2	50.0	75.2	53.9	.....	.....	81.0	56.2	82.4	52.5[b]	82.0	56.7	82.4[a]	57.2[a]	82.6	59.5	79.1	56.2

TABLE 3.—*Maximum and minimum temperatures for August, 1912. 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	75	50	73	50	77	57	74	58	82	58	87	49	82	56	82	61	82	52	83	56	81	62	81	58	79	59	80	64
2	74	49	71	46	71	54	89	58	78	58	74	54	80	56	69	60	75	58	63	58	69	57	66	57	67	60	73	63
3	74	47	69	43	71	58	80	60	68	58	75	54	67	57	88	57	65	57	77	53	76	55	66	56	73	58	74	61
4	85	51	70	46	75	60	91	60	81	60	78	57	78	60	80	60	76	59	80	55	82	58	76	59	78	52	80	61
5	75	55	80	53	82	62	85	58	87	65	90	58	85	57	92	58	83	58	83	57	79	56	86	60	82	58	75	58
6	80	59	83	52	89	60	83	54	85	55	83	54	82	55	91	64	70	52	82	62	86	64	83	63	87	58	82	64
7	75	52	80	54	79	60	75	52	76	55	83	60	66	50	83	63	78	50	86	62	82	65	78	54	81	59	80	64
8	.....	53	73	50	76	58	70	52	74	49	78	56	70	48	79	59	70	46	78	62	80	63	73	52	77	60	77	64
9	73	.....	72	51	73	55	80	47	80	47	77	50	78	43	77	53	75	42	76	54	76	57	78	50	74	53	74	58
10	80	53	79	51	80	56	94	53	85	51	83	48	82	52	85	51	83	49	83	53	84	57	82	53	81	50	82	60
11	86	55	87	52	85	57	92	59	91	59	88	61	91	56	93	67	88	65	88	66	90	61	94	61	88	53	88	62
12	88	60	85	59	90	65	90	60	87	53	95	61	82	56	104	69	80	50	93	70	100	69	87	61	92	64	96	62
13	79	54	82	49	83	57	82	58	86	59	86	66	87	58	80	66	79	58	84	68	80	65	84	60	84	55	80	69
14	83	50	78	46	85	53	74	55	79	59	80	64	82	54	80	62	82	49	74	66	83	62	82	56	85	53	83	64
15	86	54	76	49	81	60	74	55	78	65	76	62	73	62	74	62	78	52	75	67	77	65	70	60	76	51	79	66
16	70	59	67	58	74	64	85	54	87	59	87	62	85	55	87	62	82	52	87	65	89	66	87	64	80	63	81	66
17	90	60	85	50	88	69	83	58	86	58	91	67	85	57	93	69	80	55	89	70	94	75	88	60	87	64	93	74
18	86	64	80	62	87	65	88	55	89	59	91	67	86	54	92	71	83	54	90	72	94	74	89	63	86	67	94	76
19	81	59	79	59	82	63	85	53	85	58	92	63	82	53	86	66	80	52	87	72	90	72	83	60	81	60	89	73
20	78	56	76	52	76	61	72	56	78	58	80	60	78	58	75	64	74	54	77	64	78	65	77	58	78	57	80	68
21	78	55	79	50	79	58	84	55	85	53	83	52	83	58	85	55	78	46	81	59	82	60	84	52	79	54	82	64
22	89	57	75	52	81	61	83	54	85	52	84	58	82	48	87	61	82	50	84	62	86	63	85	53	82	55	83	66
23	89	57	90	51	94	57	89	57	94	55	91	52	89	47	96	59	90	46	88	62	95	61	94	53	92	54	93	64
24	91	57	91	57	94	67	90	58	89	54	96	56	91	52	94	64	90	48	90	67	93	70	93	55	93	62	94	75
25	88	58	96	54	96	64	94	60	96	52	96	54	98	46	104	70	95	46	95	61	102	63	98	54	97	62	98	68
26	77	58	75	53	80	62	94	61	89	58	93	57	93	59	86	64	82	54	93	64	87	67	86	59	80	60	86	68
27	85	49	82	48	89	55	87	62	95	59	98	60	87	54	100	66	92	54	94	65	98	64	98	58	91	55	89	64
28	75	57	64	52	82	62	88	56	89	54	95	67	.....	.....	91	70	90	55	92	73	92	70	91	60	84	63	87	70
29	83	58	77	56	82	56	93	61	94	56	98	72	91	60	96	61	90	60	93	65	97	62	93	58	87	55	88	62
30	72	60	68	57	84	64	68	58	82	57	94	68	71	56	84	72	80	54	90	73	95	70	76	60	76	64	95	71
31	91	58	73	52	82	61	83	57	84	56	92	58	82	55	96	66	85	54	94	65	97	64	86	58	85	63	97	68
Mn	81.2[a]	55.5[a]	77.9	52.1	82.2	60.0	83.8	56.6	84.6	56.6	86.9	58.9	82.3[a]	54.4[a]	87.4	63.0	81.2	52.6	85.0	63.5	86.9	63.9	83.7	57.6	82.6	58.1	84.9	65.7

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	79	60	83	59	74	52	76	58	83	60	89	55	82	56	91	62	85	62	86	64	86	66	81	64	84	60
2	65	54	75	55	74	48	73	53	78	60	70	58	78	56	72	62	79	62	80	60	72	63	78	64	80	56
3	66	53	77	54	70	47	72	58	72	56	77	59	76	54	77	59	76	57	75	58	74	58	71	55	78	46
4	78	55	84	52	74	50	75	60	82	58	81	58	80	62	79	56	83	58	76	51	76	59	72	55	82	43
5	84	57	78	54	70	55	74	59	89	60	86	61	90	64	80	60	90	63	76	53	75	59	75	59	76	46
6	83	54	78	57	84	56	86	60	84	57	85	62	93	64	79	64	85	59	85	60	75	65	82	62	84	52
7	70	54	85	60	78	58	80	62	80	59	87	64	90	67	89	64	87	61	83	64	84	62	81	66	83	56
8	72	51	74	62	73	56	76	61	74	54	80	63	89	64	77	64	77	58	76	66	76	64	78	68	72	60
9	74	47	77	57	71	56	74	54	80	50	78	58	82	54	79	60	78	53	78	60	77	61	78	62	80	58
10	83	48	83	57	78	56	80	56	86	50	86	56	86	54	86	59	88	56	81	59	84	61	80	62	81	60
11	92	64	90	56	83	52	83	60	102	67	89	68	92	68	90	69	96	67	88	61	87	69	88	68	90	56
12	81	55	90	62	86	62	92	65	98	60	96	72	100	69	98	76	96	65	81	67	88	70	79	71	92	60
13	81	54	88	64	80	55	83	62	91	64	84	73	92	75	91	73	92	69	92	68	88	70	92	70	83	66
14	84	57	83	60	82	50	85	56	85	60	82	68	80	63	86	70	79	63	85	68	81	68	82	69	86	62
15	78	56	77	63	80	52	79	62	78	62	78	66	80	68	82	68	84	63	82	69	82	69	80	69	80	64
16	87	60	89	65	69	59	74	65	85	60	90	66	87	71	90	69	88	64	82	69	86	70	85	68	76	62
17	89	61	96	67	87	61	88	62	89	60	94	75	93	73	94	72	90	67	91	73	92	74	91	74	91	60
18	86	61	96	69	82	64	90	67	90	62	94	73	96	73	96	72	90	67	92	74	93	74	92	75	92	66
19	83	58	95	70	81	61	83	65	87	63	93	75	100	75	96	76	91	65	95	74	94	76	93	78	93	70
20	75	57	82	65	79	56	79	60	80	63	81	65	93	68	85	64	83	65	82	70	85	68	83	75	85	68
21	80	53	81	62	77	55	78	59	82	54	83	61	82	61	83	65	85	55	83	66	82	68	83	72	83	64
22	84	53	83	59	75	55	80	62	84	50	85	66	.....	.....	85	66	85	59	85	63	84	68	87	66	82	61
23	94	55	92	57	86	51	92	57	93	68	93	65	91	62	93	66	93	59	88	61	89	68	85	65	88	55
24	94	54	96	63	89	56	92	71	92	60	97	69	100	71	97	69	98	62	91	69	93	72	90	70	91	60
25	100	54	100	64	93	57	97	62	99	57	101	66	103	69	99	76	102	59	94	75	95	77	89	74	95	66
26	80	59	89	64	73	57	79	63	98	56	96	66	103	69	100	74	104	63	90	67	93	76	89	64	92	68
27	99	54	89	61	80	52	85	56	100	60	100	67	102	70	100	72	100	60	84	69	95	76	81	66	84	56
28	87	61	95	68	78	54	84	62	100	60	97	77	105	71	101	74	100	72	97	70	98	74	95	70	96	62
29	91	56	98	62	78	59	82	57	100	57	94	68	90	71	96	72	100	67	92	70	94	74	93	73	90	64
30	66	55	98	61	79	60	82	65	88	68	98	73	95	70	98	71	99	69	91	70	94	75	90	75	91	66
31	86	55	99	70	81	60	89	63	88	58	97	72	97	75	99	77	97	64	95	75	95	77	92	78	94	70
Mn	82.3	55.6	87.1	61.3	78.8	55.5	82.0	60.7	87.3	59.4	88.4	66.0	90.7[a]	66.2[a]	89.3	67.8	89.7	62.4	85.7	65.9	86.0	68.5	84.4	68.0	85.6	60.1

[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.