Climatological Data for October, 1910.

DISTRICT No. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

Over most of the Missouri River drainage area mild and sunshiny weather prevailed for a greater length of time than is usual in October, although the month generally is marked by the prevalence of Indian Summer conditions. The low and high atmospheric pressure areas that caused the few rainy periods and the warmest and coldest days of the month were normal, except that they probably had less energy than is frequently displayed by some of the October high pressure areas and storm centers. Work on the government irrigation projects in Montana, the Dakotas, Wyoming, and Nebraska advanced steadily, as the weather conditions through almost all the month were quite favorable; there was not sufficient precipitation to cause any delay, and the temperatures were not low enough to interfere with the masonry and concrete work. The deficiency in rainfall since the first of the summer, that has been rather general over a large part of the district—practically all of it except the extreme lower part—rendered the ground too dry in large areas, especially in the Dakotas and Iowa, for satisfactory fall plowing. The supply of surface water in the grazing country was not large at the close of the month, yet the water holes contained sufficient for the present needs of stock. In the Dakotas the stock shipments were reported by railroad officials to have been heavier than they have been for several seasons, on account of the short supply of feed. No extensive fires were reported from the prairie country, but the supervisor of the southern section of the Black Hills Forest Reserve stated that many serious forest fires, perhaps more than during any other period of equal length since the creation of the Reserve, occurred prior to the 17th, when they were extinguished by rain.

TEMPERATURE.

At a few points in southwestern Montana the mean temperature for the month was just about normal. In all the remainder of the district it was higher than it usually is in October. The average daily excess was greatest in Kansas, Nebraska, the Dakotas, and northwestern Montana, where it ranged from 3° to 6°. In Iowa, Missouri, and Kansas the warmest weather was on the 1st and 2d, when there was an area of high barometric pressure over the country to the east of the Mississippi River, and an atmospheric depression along the eastern slope of the Rocky Mountains—a pressure distribution or arrangement that gave moist southerly winds over the lower Missouri Valley. On these days thermometer readings of 90° and higher were made at numerous stations. In all the remainder of the district the warmest weather occurred on the 9th and 10th. It was coincident with the prevalence of low atmospheric pressure over the upper Missouri Valley. This low pressure, contrary to the usual rule, was accompanied by almost cloudless weather. The coldest weather of the month was produced by a pronounced area of high pressure that moved between the 26th and the 29th from Montana in a south-southeasterly direction to the west Gulf coast. The temperature readings, from a comparative standpoint, were only moderately low, but at some places in Montana, Wyoming, and Colorado the lowest readings were below zero. These low temperatures, however, were due to some peculiar topographical features that made the occurrence of cold weather possible in isolated areas of small extent, while much milder temperatures prevailed in the surrounding country. There were two other waves of cool weather earlier in the month, but they were of minor importance.

PRECIPITATION.

There was an excess in precipitation in the Black Hills and on the eastern side of the main range of the Rockies from the extreme northern part of Colorado to the Sun River Basin, in northwestern Montana. This excess was small, except at a few points over the headwaters of the North Platte River, in Wyoming. Over the basins of the Osage and Gasconade rivers in Missouri, and in the Missouri Valley below the mouth of the Gasconade, there was also an excess. In the remainder of the district the precipitation was less than in the average October. The greatest deficiency was in Kansas, Nebraska, eastern South Dakota, and extreme western Iowa. A precipitation area crossed the entire drainage area between the 1st and 6th. It affected Montana from the 1st to the 4th; Wyoming, Colorado, the Dakotas, Kansas, and Nebraska from the 2d to the 5th; and Iowa and Missouri from the 3d to the 6th. In Colorado the rains were the lightest, and in Missouri they were the heaviest, being especially heavy around the mouth of the Missouri River. A second general storm that prevailed from the 16th to the 21st gave rain over all the country between the Continental Divide and the Mississippi River. The greatest amounts were over the headwaters of the South Platte River; the fall over the other watersheds was very moderate. During the third well-marked rainy period, from the 25th to the 27th, the precipitation was light; although it was general it amounted to no more than mere sprinkles in a large part of the district. On the 31st there was light rain at many stations in Montana and Wyoming, but very little elsewhere. Snow occurred as far east as the mouth of the Missouri River. In Kansas and Missouri it was in the form of flurries that melted upon striking the ground. In Iowa and Nebraska it amounted to as much as 1.0 inch in some places; in the Dakotas it was still heavier, but there were no amounts that were in any way unusual for the season. In the Black Hills and in the higher mountain country of Montana, Wyoming, and Colorado there were some fairly heavy falls, the greatest of record for the entire month being 20.0 inches at the Elk Mountain station in Wyoming. The heaviest precipitation for the month was 4.73 inches at St. Charles, Mo. The greatest fall in 24 hours, 3.61 inches, was at St. Charles also.

RIVERS.

All streams were abnormally low, but the stages were not unprecedented. At Hermann, Mo., on the Missouri River 103 miles above its mouth, the lowest stage was 3.7 feet on the 24th and 25th. The record of gage readings at Hermann extends back to and includes 1873 (with the exception of 1883 and 1888). During these 36 years the river has been lower in four Octobers than it was in October, 1910. The lowest October reading of record is 1.2 foot in 1897. At Hannibal, Mo., on the Mississippi, 113 miles above its confluence with the Missouri, the minimum stage was 0.8 foot. This was 0.9 foot above the extreme low water for October, which occurred in 1891. The Hannibal records cover 1870, 1872, 1873, and 1878 to 1910, inclusive. They show that in five Octobers the water was lower than it was in 1910. At St. Louis the minimum stage for the month just passed was 2.6 feet; it prevailed from the 24th to the end of the month. Twice since 1861 the water at St. Louis has been lower in October than 2.6. Both in 1864 and 1894 there was a stage of 2.4 feet. Low water at St. Louis, of course, is dependent upon low stages occurring simultaneously in the Missouri and in the Mississippi above Alton, Ill. The lowest recorded stage in these streams occurred in different years, and at St. Louis the water in each case was kept up to a fair level by the branch that was not unprecedentedly low. The four October readings made at St. Louis that stand out with marked prominence on account of being very low (2.4 in 1864 and 1894, and 2.6 in 1895 and 1910) occurred during the coincident prevalence of low, but not unprecedented, stages in both branches of the stream above St. Louis.

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

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Wyoming.																				
Barnum	Johnson	5,500	5								1.50		0.55	8.0	4	24	2	5	w.	Thomas Freegaurd.
Basin	Big Horn	3,862	11																	O. J. Robertson.
Bennett	Carbon		2								3.72		2.00	0.0	3	24	4	3	w.	Chas. C. Young.
Big Creek Station	do																			U. S. Forest Service.
Burns	Laramie		1																	Henry D. Colburn.
Cheyenne	do	6,088	39	49.6	+ 4.3	85	9	16	28	46	1.04	+ 0.32	1.00	0.4	5	14	14	3	nw.	U. S. Weather Bureau.
Chugwater	do	5,282	9	48.6	+ 2.8	88	10	9	27	56	2.20	+ 1.30	1.50	T.	3	20	6	5	w.	George Milne.
Clark	Big Horn	4,320	4	54.0		84	10	19	27†	35	0.23		0.11	T.	3	22	4	5	n.	Chas. A. C. Snow.
Cody	do	5,000	3	53.6		89	9	14	27	41[b]	0.20		0.20	T.	1	21[b]	7[b]	1[b]	w.	F. A. Fish.
Crystal Lake	Laramie	6,900	1																	Cheyenne City Engineer.
Dome Lake	Sheridan	8,821	2																	Chas. Hidlay.
Douglas	Converse	4,793	1	47.0		84	10	11	19	53	1.20		0.44	T.	6					Henry C. Miller.
Dubois	Fremont	6,909	3	44.9		82	10	10	27	57	0.37		0.23	T.	4	19	11	1	w.	Dr. F. H. Welty.
Eaton's Ranch	Sheridan	4,600	5	52.5		89	10	3	25	62	1.76		1.33	3.0	4	23	3	5	n.	F. A. Eaton.
Echeta	Crook	4,200	1								1.40		0.35		5	23	4	4	n.	M. R. Hunter.
Elk Mountain	Carbon		5								1.61		1.01	20.0	5					Wm. Richardson.
Encampment	do	7,322	1	44.4[f]		80	10	9	20	45[f]	1.29		1.03	T.	3	11[k]	6[k]	3[k]	w.	U. S. Forest Service.
Ervay	Natrona		1	47.8		81	10	0	20	42	2.36		1.10	13.0	5	19	7	5	sw.	Frank Jameson.
Fort Laramie	Laramie	4,270	33	50.7	+ 4.0	90	10†	14	28	59	0.59	− 0.10	0.36	0.0	2	20	11	0	w.	John Hunton.
Fox Creek Station	Albany	9,015		36.6		71	10†	−12	20	60	0.79		0.48	12.0	4	18	12	1	w.	U. S. Forest Service.
Gillette	Crook	4,546	4	53.6		88	10	18	28	44	0.77		0.42	T.	3	20	7	4		S. D. Perry.
Hunters' Station	Johnson	8,000	4	42.3		76	9	4	27	47	1.27		0.44	8.0	6	23	5	3	w.	U. S. Forest Service.
Hyattville	Big Horn	4,632	11	52.6	+ 4.7	94	9	10	27	47						19	6	6	w.	Wm. Booth.
Jireh	Converse	5,050									1.83		1.00	3.0	4	19	8	4	w.	P. L. Ford.
Kirtley	do		6	49.5	+ 4.1	89	10	10	28	45	0.76	− 0.3	0.31	0.0	3	23	7	1	nw.	D. M. Zum Brunnen.
Kirwin	Big Horn	9,187	2								2.60		0.80	26.0	4				nw.	C. L. Tewksbury.
Knowles	Crook		1								2.47		1.30	2.8	7					G. A. Knowles.
Lander	Fremont	5,372	18	47.4	+ 5.3	80	10	16	28	46	0.37	− 0.68	0.19	2.0	3	13	14	4	ne.	U. S. Weather Bureau.
Laramie	Albany	7,188	19	45.0	+ 3.0	82	10†	11	20	53	1.79	+ 0.98	1.30	0.4	6	24	4	3	sw.	University of Wyoming.
Leo	do	6,878	9	44.7	+ 2.4	82	10	10	20†	46	2.03	+ 1.22	1.32	0.0	3	21	6	4	w.	C. A. Cowdin.
Lolobama Ranch	Big Horn	7,052	6	42.0	+ 1.5	77	4	8	27	51	0.15	− 0.45	0.10	0.0	2	11	15	5	w.	Mary E. Painter.
Lovell	do	3,825	5	47.6	+ 2.1	82	9	13	23	48	0.54		0.25	0.0	4	18	9	4	s.	R. Fred Harrison.
Lusk	Converse	5,007	20																	D. E. Goddard.
Manville	do	5,050	1								2.09		1.00	4.0	6	23	4	4	w.	C. A. Sherman.
Moorcroft	Crook	4,111	7																	James K. Somers.
Moore	Albany	6,000	9	55.4	+ 8.3	89	10				1.05	+ 0.14	0.93	0.0	6	10	12	3	w.	Edwin Moore.
Newcastle	Weston	4,319	3	49.0		90	12	14	20	44	0.20		0.12	T.	2	22	9	0	nw.	Dr. S. W. Johnson.
Pathfinder	Natrona	5,735	4	49.4	+ 2.3	83	10†	14	27	50	2.37	+ 1.92	1.89	T.	6	23	3	5	sw.	U. S. Reclamation Service.
Phillips	Laramie	4,900	7	53.4	+ 5.9	89	8†	29	3	46	1.60	+ 0.57	1.50	T.	2	22	3	6	nw.	Mrs. Arthur Rugg.
Powell	Big Horn	4,376	3	50.4		87	10	14	28	48	0.30		0.19		2	21	7	3	nw.	U. S. Reclamation Service.
Rawlins	Carbon	6,748	8	46.4	+ 2.0	80	10	16	20	46	1.12	+ 0.33	0.94	3.4	4	20	6	5	w.	E. J. Ehrenfeld.
Riverton	Fremont	4,960	2																	J. F. Nelson, jr.
Saratoga	Carbon	6,785	12	45.3	+ 1.7	85	10	12	20	58				T.	3	22	4	2		Saratoga & Enc'pm'nt Ry.
Sheridan	Sheridan	3,790	15	48.3	+ 3.2	87	10	16	28	51	1.64	+ 0.80	0.52	0.7	7	13	2	16	nw.	U. S. Weather Bureau.
Shoshone Dam	Big Horn	5,385	4																	U. S. Reclamation Service.
Soldiers' Home	Johnson	4,635	18	51.6	+ 4.5	85	10	16	28	44	1.40	+ 0.91	0.40	6.0	5	12	18	1	nw.	Geo. L. Courtney.
South Pass City	Fremont	7,873	8	40.0		74	10	− 3	20	50	0.28		0.07	0.7	6	16	11	4	sw.	John Sherlock.
Thermopolis	do	4,350	6	50.4	+ 2.7	87	10	16	28	52	1.10		0.69	0.3	5	20	7	4	sw.	A. L. Duhig.
Upton	Weston		1								2.04		0.75	0.7	8	16	9	6	ne.	C. E. McPherren.
Valley	Big Horn	6,500	1								0.85		0.54	0.0	4	22	4	5	w.	Jas. L. McLaughlin.
Verona	Sheridan		1								2.07		0.55	T.	6	11	15	5	se.	O. A. Roode.
Wiant's Ranch	Carbon	7,400									2.50		1.70	10.8	5	17	4	10	sw.	Ira G. Wiant.
Wiley	Big Horn	5,375	1																	C. D. Marshall.
Wyncote	Laramie	4,207	3	51.0		87	10	14	28	56	0.53		0.46	0.0	2	25	4	2	nw.	U. S. Reclamation Service.
Yellowstone Park	Yellowstone Park	6,200	22	43.6	+ 2.1	75	10	12	27	35	1.49	+ 0.35	0.43	1.0	11	13	11	7	sw.	U. S. Weather Bureau.
(1) Fountain Hotel	do	7,220	4	40.2		82	6	6	27	55	1.88		0.95	9.5	5	21	1	9	s.	U. S. Army.
(2) Grand Canyon	do	7,900	3	36.4		71	10†	2	27	48	2.03		0.80	6.0	7	16	9	6	w.	Do.
(3) Lake Hotel	do	7,733	6	37.0		68	10	4	21	43	1.63		0.74	9.5	5	23	3	5	s.	Do.
(4) Norris	do	7,525	6	37.6		74	9	3	27	53	1.18		0.78		4	21	2	8	w.	Do.
(5) Riverside	do	6,500	4	40.8		78	9	5	27	52	0.20		0.20	0.0	1	20	6	5	w.	Do.
(6) Soda Butte	do	7,000	5	40.2		79	11	6	20†	53	1.14		0.37	3.0	4	25	2	4	sw.	Do.
(7) Sylvan Pass	do	7,000	3	39.5		77	11	1	28	58	1.39		0.72	3.0	3	20	4	7	w.	Do.
(8) Thumb	do	7,772	4	39.0		73	11	7	27	47	1.82		0.71	3.0	5	15	2	14	sw.	Do.
(9) Tower Falls	do	6,250	1	42.0		81	9	8	26	57	0.60		0.60	6.0	1	27	0	4	nw.	Do.
(10) Upper Gey. Basin	do	7,395	6	42.0		73	10†	10	27	48	0.93		0.60		3	16	0	15	se.	Do.
Montana.																				
Adams	Dawson		2	50.0		90	11	10	28	43	0.14		0.10	0.0	2	19	4	8	nw.	W. B. Ennis.
Adel	Cascade	5,200	11	47.6	+ 4.6	79	9	5	27	36	1.16	− 0.11	0.52	3.0	5	17	7	7	w.	Bessie F. Burch.
Agricultural College	Gallatin	4,700	12	46.5	+ 1.5	82	10	17	27	36	2.74	+ 1.52	0.87	0.0	6	12	16	3	sw.	E. Burke.
Augusta	Lewis & Clark	4,071	12																	C. C. Covington.
Babb	Teton	4,461	4	45.8		68	9	8	27	35	0.66		0.20	3.0	9	13	3	15	sw.	U. S. Reclamation Service.
Bald Butte	Lewis & Clark	6,500	1								1.66		0.70	8.6	9	15	8	8		Matt W. Alderson.
Big Timber	Sweetgrass	4,072	5	55.2		85	9†	15	27	50	0.93		0.50	0.0	3	26	0	5	w.	F. A. Severance.
Big Timber Creek	do										1.44		0.73	5.0	4	14	13	4	w.	J. T. Mjolsness.
Billings§§	Yellowstone	3,115	15	51.2	+ 0.8	91	9	19	20	52	1.34	+ 0.19	0.48	0.0	4				w.	U. S. Weather Bureau.
Boulder Nursery	Jefferson	4,920	14	42.0[d]	− 0.7	79	12	4	27	50	1.18	+ 0.72	0.27	1.2	8	17	10	4		U. S. Forest Service.
Bowen	Beaverhead	6,060	4	38.4		79	9	1	27	65	0.73		0.34		7	13	9	9		B. B. Lawrence.
Bridger	Carbon	3,664	2	50.2		85	10	14	27	52	2.02		0.72	T.	4	19	7	5	s.	L. E. Gard.
Broadview Exp. Station	Yellowstone		4	48.3		85	9	9	27	50	0.74		0.37	2.0	3	20	11	0	w.	Dr. W. X. Sudduth.
Busby	Rosebud		5	49.6		88	9	15	28	51	1.08		0.52	0.8	6	18	7	6	nw.	C. A. Linscheid.
Busteed	Sweetgrass		2	51.0		85	9†	16	27	48	1.11		0.59	4.0	5	19	8	4	w.	Thos. H. Busteed.
Cabin Creek	Beaverhead										0.65		0.32	5.4	4	23	0	8	sw.	W. J. Crowell.
Canyon Ferry	Lewis & Clark	3,644	12	48.5	+ 2.7	84	9	16	27	46	0.95	+ 0.34	0.36	0.0	6	19	5	7	nw.	A. C. Pratt.
Cascade	Cascade	3,361	5	52.5		86	9	13	27	43	0.87		0.47	1.0	5	22	7	2	sw.	E. E. James.
Cheesman Reservoir	Lewis & Clark	5,275	2	43.5		74	10	7	27	37	1.75		0.63	9.2	8	20	4	7	sw.	Chas. D. Schmidt.
Chester	Chouteau	3,140	7																	Great Nor. Exp. Station.
Chinook	do	2,502	10	48.3[i]		87	8†	14	28	58[i]	0.11		0.05		3					Thos. O'Hanlon Co.
Chouteau	Teton	3,810	6																	Henry Davidson.
Clear Creek	Chouteau		4																	Cortes Sedgwick.
Clemons	Lewis & Clark	4,672	1								0.89		0.24	1.5	7	7	20	4	w.	Frank Eberl.
Clyde Park	Park		1								1.31		0.45	4.5	5	23	4	4	w.	L. B. Marquis, M.D.
Copper	Meagher		5								0.99		0.50	T.	4	17	10	4	w.	Orville Harris.
Crow Agency	Rosebud	3,041	28	50.0	+ 2.5	85	9†	17	20†	50	1.32	+ 0.19	0.47	T.	6	19	5	7	nw.	F. E. Server.
Culbertson	Valley	1,927	8																	G. H. Coulter.
Cut Bank	Teton	3,700	12	46.2	+ 4.3	78	10†	9	27	55	0.14	− 0.80	0.14		1	15	6	10	w.	Chas. N. Thomas.
Decker	Rosebud	3,400	6	44.4		72	10	18	17†	43	0.80		0.50		2					Adam Anderson.
Delpine	Meagher	5,000	1																	T. L. Holliday.

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

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Montana—Cont'd.																				
Denton	Fergus		2																	P. T. Griesenauer.
Dillon	Beaverhead	5,147	13	49.9	+ 3.2	82	10	20	28	52	1.09	+ 0.21	0.27	T.	10	19	11	1	sw.	J. E. Monroe.
Dirty Creek	Meagher	6,000	1								1.09		0.40	T.	5	19	7	5	w.	Lewis Cameron.
Dry Creek	Broadwater	5,500	1																	J. C. Stuart.
Dry Wolf Camp	Cascade	6,000	1								2.73		1.00	10.5	5	16	5	10	sw.	Mrs. R. J. Eveleth.
East Gallatin River	Gallatin	6,000	1								2.37		0.61	2.0	6	21	7	3	w.	John Eberhart.
Ekalaka	Custer		10	51.2	+ 4.2	88	10	12	27†	40[b]	0.27		0.10	0.0	5	12[b]	9[b]	8[b]	w.	Wm. Freese.
Elkhorn	Jefferson	6,576	1								1.17		0.43	T.	7	16	6	9	w.	James Heagan.
Evans	Cascade	4,900	3																	H. Thrasher.
Fallon	Custer	2,208	6	49.7		90	9	10	20†	52	0.13		0.13	0.0	1	20	7	4	w.	Mrs. A. C. Gifford.
Family§	Teton	3,950	1	46.8		76	8	14	27	47	0.31		0.20	1.0	4	11	12	8	w.	U. S. Reclamation Service.
Fish Creek§	Silver Bow	8,500	1	41.6		68	9	10	27	28	1.37		0.85		3					O. B. Tilton.
Fish Tail Creek	Carbon	5,000	1																	O. E. Haskin.
Flathead Creek	Gallatin	6,000	1								2.64		0.71	3.4	6	14	11	6	nw.	L. G. Brown.
Forsyth	Rosebud	2,514	4	52.4		93	9	17	28	54	0.28		0.18	0.0	2	22	4	5	w.	J. M. Patterson, jr.
Fort Benton	Chouteau	2,630	30								0.67	+ 0.06	0.35		2					Jere Sullivan.
Fort Shaw	Cascade	3,500	22																	U. S. Reclamation Service.
Fort W. H. Harrison§§	Lewis & Clark	4,004	6	48.2		84	8	16	27	45						19	7	5	w.	Post Hospital.
Foster	Yellowstone		1	50.5		90	9	15	20	53	0.93		0.34		6	20	4	7	sw.	E. K. Bowman.
Garneil	Fergus	5,500	1																	Thos. E. Scally.
Glendive	Dawson	2,069	20								0.00	− 0.85	0.0	0.0	0					W. B. Walker.
Goldbutte	Chouteau		3	46.4		81	8	11	27	47	0.28		0.24	T.	4	9	15	7	w.	J. T. Berthelote.
Graham	Custer		4	51.4[f]		89	7†	18	28	48[f]	1.17		0.50	0.3	7	17[e]	3[e]	6[e]	nw.	J. S. Rue.
Grayling	Gallatin	6,700	4																	P. Kerzenmacher.
Great Falls	Cascade	3,350	19	53.1	+ 4.3	82	9	20	27	39	1.67	+ 1.04	1.03	0.0	6	13	15	3	sw.	S. H. Bauman.
Half Moon Pass	Fergus	6,500	1								1.94		0.50	8.0	10	9	18	4	w.	Thos. Stigen.
Half Way House	Broadwater	6,000	1								1.53		0.70	2.0	5	22	3	6	sw.	Gordon Deans.
Harlowton	Meagher	4,165	2	48.8		81	9	10	20	50	0.54		0.54	6.0	1	9	8	14	w.	Joseph Muir.
Havre	Chouteau	2,505	30	49.2	+ 5.6	88	9	14	28	49	0.08	− 0.42	0.08	0.0	2	11	12	8	sw.	U. S. Weather Bureau.
Helena	Lewis & Clark	4,110	30	48.4	+ 4.4	84	9	17	27	41	0.84	+ 0.02	0.31	0.5	8	11	12	8	w.	Do.
Highwood	Chouteau		3								1.84		0.85	4.0	8	15	6	10	sw.	W. S. McCord.
Home Park	Madison		5								1.22		0.56		5	23	5	3	e.	H. L. Miller.
Huntley	Yellowstone	3,014	4	53.0		90	9	20	19†	48	1.36		0.58	0.0	4	18	11	2	ne.	U. S. Reclamation Service.
Jones Canyon	Gallatin	6,800	1								3.10		0.91		7	24	0	7	w.	Jas. McCune.
Jordon	Dawson		5	54.2		92	4	10	28	55	0.17		0.10		2				nw.	W. C. Henderson.
Lewistown	Fergus	4,010	13	49.5[d]	+ 3.1	80	8†	7	28	57[d]	1.05	− 0.07	0.56	3.0	4	13[d]	11[d]	3[d]	ne.	W. W. Watson.
Livingston	Park	4,488	13	51.4[k]	+ 2.5	80	1	9	27	43										Lewis Terwilliger.
Lone Tree	Chouteau		5	53.0		87	9	22	27†	48	1.10		0.50	2.0	3	22	5	4	w.	E. Wilson.
Lost Horse Creek	Meagher	5,800	1								1.18		0.45	5.5	6	19	8	4	w.	C. M. Mason.
Malta	Valley	2,240	3	49.2		90	9	13	28	51	0.12		0.10	T.	3	16	14	1	w.	U. S. Reclamation Service.
Meadow Creek	Madison	6,700	1																	F. E. Parent.
Melstone	Fergus	2,903	1																	E. J. Parkinson.
Mildred	Custer		1								0.56		0.28	T.	3	17	9	5	nw.	Leon B. Clarke.
Miles City	do	2,371	19	53.2	+ 6.7	88	9	22	28	41	0.48	− 0.28	0.27	T.	5	16	13	2	s.	U. S. Weather Bureau.
Moore	Fergus		3								1.65		0.50	4.0	4	19	6	6	w.	Clyde Grove.
Norris	Madison	4,845	4	52.3		83	10	22	27	46	1.80		0.65		8	10	11	10	s.	Madison River Power Co.
Nye	Sweetgrass		2	45.0		81	10	6	29	49	2.33		0.60	12.5	8	25	2	4	sw.	F. L. Bryant.
Olsen Creek	Jefferson	6,345	1								1.94		0.51	1.6	7	18	5	8	w.	Robt. Olsen.
Pipestone Pass	do	7,000	1								2.09		0.53	1.0	7	11	16	4	w.	Mrs. Theola Kiermeyer.
Poplar	Valley	2,020	25	49.8	+ 5.0	92	9	12	20†	49	T.	− 0.69	T.	0.0	0	21	5	5	w.	H. M. Cosier.
Raymond§§	Teton	4,260	5	49.6		72	12†	6	26	47	0.37		0.37		1	16	8	7	w.	W. H. Campbell.
Red Lodge	Carbon	5,548	10	45.6	+ 2.5	80	9	− 1	27	46	2.64		1.00	10.0	6	12	16	3	se.	I. A. Draper.
Reese Creek	Gallatin	5,000	1																	Henry Cramer.
Renova	Jefferson	4,383	11	49.4	+ 2.5	82	9	15	27	49	1.02	+ 0.15	0.25	0.0	7	14	5	12	sw.	F. B. Elmer.
Rimini	Lewis & Clark	7,900	2																	Milo Brooks.
Ryegate	Yellowstone	3,640	1	53.7		88	7	26	15	50	0.75		0.60	T.	2	22	3	6		H. W. Scherfenberg.
Sedan	Gallatin	3,155	2																	Asa Hennes.
Springbrook	Dawson		9	51.3		99	9	12	28	62	0.26		0.21	T.	2	7	16	8	sw.	Mrs. H. L. Miller.
Stearns	Lewis & Clark	4,500	1								1.25		0.75	0.0	2	16	4	11		J. W. Hardgrove.
Three Forks	Gallatin	4,066																		A. A. Adams
Toknaß §§	Dawson	2,050	5	50.3		93	8	16	19	52	T.		T.	0.0	0	18	6	7	w.	U. S. Reclamation Service.
Townsend	Broadwater	3,790	1								0.10									River Observer.
Trail Creek	Park	6,000	1								3.46		0.68	4.2	7	20	5	6	w.	Andrew Wiedenbauer.
Utica	Fergus	5,000	16	48.6	+ 2.4	80	8†	10	27	41	1.43	+ 0.30	0.90		5	26	1	4	w.	P. W. Korell.
Valentine	do		4	50.2		90	9	18	28	52	0.87		0.49	0.0	3	17	7	7	w.	B. M. Bean.
Virginia City	Madison	5,880	22	46.4	+ 3.0	77	10	15	27	32	1.06	+ 0.16	0.32		5	19	8	4	w.	Francis Mailand.
Wall Rock Mountain	Broadwater	5,600	1								1.05		0.60	0.1	4	16	12	3	nw.	D. L. Doig.
Warm Springs Creek	Madison	7,500	1								1.39		0.70	3.4	7	11	7	13	w.	M. D. Lytle.
Willow Creek	Park	9,000									1.56		0.47	3.7	4	15	13	3	w.	John Topp.
Wolf Creek	Lewis & Clark	4,000	5	52.4		83[b]	8	17[c]	27	37[c]	0.44		0.27	T.	4	16	5	10	w.	A. W. Verharen.
Wolf Point	Valley	1,995									0.00		0.00	0.0						River Observer.
Woodville	Jefferson	6,376	1								1.21		0.50	1.0	6	13	13	5	w.	Anna Kinman.
North Dakota.																				
Aplin	Oliver		3	49.4		92	10	11[a]	28	52	0.99		0.80	0.5	3	14	12	5	n.	J. B. Hagelbarger.
Beach	Billings	2,759	3	48.2		91	10	9	28	45	0.54		0.22	0.2	6	19	9	3	nw.	D. J. Steiner.
Berthold Agency	McLean	2,082	13	48.6	+ 2.2	93	10	5	28	59[b]	0.46	− 0.28	0.20	0.5	4	18	7	6	n.	C. L. Hall.
Bismarck	Burleigh	1,674	35	50.0	+ 5.9	91	10	17	28	50	0.75	− 0.28	0.74	T.	3	13	8	10	nw.	U. S. Weather Bureau.
Broncho	Mercer		2	47.0		80	15	15	27	55	1.44		0.72	0.0	4	2	24	5	nw.	E. M. Walker.
Buford	Williams	1,944	4	49.8		91	9†	12	28	53	0.01		0.01	0.0	1	15	0	16	w.	G. O. Sanford.
Coal Harbor	McLean	1,901	13																	F. H. Childs.
Dickinson	Stark	2,453	17	48.4	+ 4.2	90	9†	7	20	52	0.54	− 0.04	0.15	0.8	7				nw.	L. R. Waldron.
Edgeley	Lamoure	1,468	8	49.9	+ 6.4	89	10	17	20†	48	0.15	− 0.83	0.10	T.	3	13	6	12	nw.	O. A. Thompson.
Epping	Williams		2								0.17		0.05	T.	4	19	7	5	nw.	M. E. Ugan.
Fullerton	Dickey	1,439	11	49.5	+ 5.0	85	2†	15	21	44	0.10	− 1.34	0.10	T.	1	20	6	5	nw.	F. O. Alin.
Haley	Bowman		2	57.2		89	9†	29	27	38	0.69		0.31	T.	5	17	4	10	nw.	A. M. Oberchain.
Hettinger	Adams	2,253	3	50.6		89	9†	13	28	50	0.51		0.40	T.	3	16	10	5	nw.	F. E. Ellickson.
Howard	Williams	2,275	3	44.2		86	9†	5	28	59	0.20		0.17	1.7	3	10	10	11	nw.	C. P. Amsbaugh.
Jamestown	Stutsman	1,390	22	47.0	+ 0.9	75	7†	16	21	40	0.04	− 0.93	0.04	0.0	1	14	4	13	nw.	L. B. Baldwin.
Lamoine	Kidder		2	46.8		92	10	10	28	47[e]	0.53		0.53	0.0	2				nw.	E. V. Virgin.
Lamoure	Lamoure	1,307	3								0.45		0.45		1					E. O. Ellison.
McHenry	Eddy	1,509	1	47.2		84	10	15	28	45	0.34		0.34	T.	1	15	12	4	nw.	John Knox.
Manfred	Wells	1,605	8	47.7		88	10	15	28	47	0.79		0.50	T.	3	14	13	4	sw.	P. B. Anderson.
Marmarth	Bowman		2								0.64		0.18	T.	6	18	4	9	nw.	S. P. Grane.
Marstonmoor	Stutsman		2	45.5		93	7	3	20	60	0.17		0.17	T.	1	11	14	6	nw.	H. H. McCumber.
Medora	Billings	2,225	13	48.8	+ 3.7	94	9	14	20	60	0.72	+ 0.16	0.42	T.	2	17	7	7	e.	J. W. Hesser.
Melville	Foster	1,590	12	48.7	+ 4.8	96	10	14	28	44[d]	0.23	− 1.32	0.23	T.	1				nw.	J. P. Kidder.
Mott	Hettinger		3	45.4		87	9	10	14	43	0.94		0.32	0.5	5	13	9	9	w.	O. H. Opland.

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

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.	Number of rainy days, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
North Dakota—Cont'd.																				
Napoleon	Logan	1,955	18	50.0	+ 6.2	95	10	9	20	53	0.25	− 0.71	0.25	0.0	1	18	3	10	nw.	C. J. Hoof.
New England	Hettinger	2,400	14	46.0	+ 2.0	89	10	0	20	51	0.40	+ 0.21	0.20	T.	2	.....	.....	.....	nw.	W. C. McKenzie.
New Salem	Morton	2,163	3	50.5	.....	91	10	14	28	44	1.55	.....	1.38	0.5	5	12	11	8	s.	J. Christianson.
Orange	Adams	.....	3	49.8	.....	87	10	8	20	54	0.26	.....	0.10	0.0	3	22	3	6	nw.	J. E. Goforth.
Palermo	Ward	2,200	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T. A. McCann.
Schafer	McKenzie	.....	1	48.3	.....	91	9†	0	20	50	0.13	.....	0.5	T.	3	14	8	9	nw.	F. L. Clark.
Steele	Kidder	1,857	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. C. Smith.
Washburn	McLean	1,731	6	50.0	.....	92	10	15	28	48	1.41	.....	1.41	T.	1	17	10	4	w.	W. R. Peterson.
Williston	Williams	1,875	30	47.4	.....	90	10	13	28	56	0.04	.....	0.03	T.	2	6	14	11	s.	U. S. Weather Bureau.
Wishek	McIntosh	2,010	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. E. Timm.
South Dakota.																				
Aberdeen	Brown	1,300	20	52.8	+ 7.2	92	2†	18	21	53	1.07	− 0.71	0.65	T.	3	23	6	2	nw.	D. G. Gallett.
Academy	Charles Mix	.....	11	57.5	+ 6.0	94	11	20	21†	52	0.36	− 1.20	0.28	T.	2	25	4	2	nw.	I. T. Lothrop.
Alexandria	Hanson	1,352	21	54.6	+ 4.8	93	2	22	28	50	1.00	− 0.92	0.65	T.	2	19	10	2	se.	W. S. Hill.
Ardmore	Fall River	3,557	1	.....	.....	.....	.....	.....	.....	.....	0.90	.....	0.50	0.0	2	23	2	6	e.	Chi., Burl. & Quincy R. R.
Armour	Douglas	1,521	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T. J. Markey.
Belle Fourche	Butte	3,000	2	51.0	.....	88	9	17	28	51	0.63	.....	0.20	0.0	4	16	10	5	w.	U. S. Reclamation Service.
Brookings	Brookings	1,636	21	53.0	+ 6.9	93	11	20	28	52	0.38	− 1.01	0.25	T.	3	11	13	7	nw.	Experiment Station.
Camp Crook	Harding	3,000	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Service.
Canton	Lincoln	1,248	15	54.4	+ 4.4	92	12	20	29	59	1.13	− 0.73	1.13	T.	1	26	4	1	se.	John H. Holsey.
Cascade Springs	Fall River	3,422	2	51.5	.....	92	10	19	20	61	2.66	.....	0.98	0.0	4	22	3	6	nw.	Fred Noerenberg.
Castlewood	Hamlin	1,685	4	52.4	.....	89	2	19	28†	50	0.45	.....	0.26	T.	2	15	9	7	nw.	M. N. Bradley.
Centerville	Turner	1,229	13	54.9	.....	90	16	22	28	47	1.30	− 0.52	1.01	0.2	3	19	6	6	se.	Frank Williams.
Chamberlain	Brule	1,363	13	58.2[i]	+ 6.4	95	11	17	28	43[i]	0.54	− 0.72	0.54	T.	1	.....	.....	.....	nw.	G. A. Fry.
Clark	Clark	1,779	16	52.6	+ 5.0	90	2	18	28	49	1.16	− 0.45	0.66	T.	3	17	11	3	nw.	O. H. LaCraft.
Cottonwood	Stanley	2,414	2	53.6[c]	.....	98	16	12[f]	20†	57[f]	0.32	.....	0.20	T.	2	21	8	2	nw.	Experiment Station.
Crow Creek	Buffalo	1,385	.....	.....	.....	.....	.....	.....	.....	.....	0.56	.....	0.54	0.0	2	21	2	8	s.	William Fuller.
Daviston	Perkins	.....	1	52.4[k]	.....	91	11	8	20	54[k]	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. G. Davis.
Deadwood	Lawrence	4,535	1	49.6	.....	89	11	10	20†	44	2.45	.....	0.85	5.5	6	23	1	7	.....	R. E. Grimshaw.
Deerfield	Pennington	6,000	1	.....	.....	.....	.....	.....	.....	.....	0.54	.....	0.20	2.3	6	22	2	7	nw.	Frank E. Miller.
De Smet	Kingsbury	1,726	17	53.9	+ 6.7	92	11	19	28	52[b]	0.80	− 0.92	0.80	T.	1	23	5	3	se.	J. O. Purintun.
Dowling	Stanley	2,250	1	56.2	.....	93	11	15	28	48	0.36	.....	0.26	T.	2	13	11	7	.....	M. P. Dowling.
Dumont	Lawrence	6,195	1	.....	.....	.....	.....	.....	.....	.....	1.52	.....	0.56	5.0	7	20	6	5	nw.	A. B. Wood.
Elk Mountain	Custer	4,700	1	.....	.....	.....	.....	.....	.....	.....	0.40	.....	0.19	T.	4	22	1	8	nw.	James E. Blaine.
Elk Point	Union	1,127	11	55.4	+ 2.0	85	16	21	31	42	1.10	− 1.19	1.00	T.	2	.....	.....	.....	se.	M. Hoffman, jr.
Englewood	Lawrence	5,723	1	.....	.....	.....	.....	.....	.....	.....	1.20	.....	0.40	4.5	5	21	0	10	s.	T. J. Cummins.
Eureka	McPherson	1,884	1	52.8	.....	92	10	13	28	52	0.18	.....	0.10	.....	3	8	19	4	nw.	Experiment Station.
Faulkton	Faulk	1,595	15	53.4	+ 6.7	89	16	13	28	49	0.26	− 0.95	0.24	T.	2	25	0	6	w.	Miss Belle Talcott.
Flandreau	Moody	1,565	20	54.0	+ 6.0	93	11	20	28†	50	1.08	− 0.65	0.85	0.5	4	18	9	4	s.	W. A. Harris.
Forestburg	Sanborn	1,231	18	55.8	+ 7.1	100	11	22	21†	58	0.65	− 0.96	0.65	T.	1	20	7	4	se.	S. S. Judy.
Fort Meade	Meade	3,624	28	.....	.....	90	9	21	20	....	0.52	− 0.52	0.20	2.0	4	14	14	3	w.	Post Hosiptal.
Frederick	Brown	1,371	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. Jeffers.
Gannvalley	Buffalo	.....	12	56.4	+ 6.1	98	11	16	21†	53	0.55	− 0.46	0.55	T.	1	17	10	4	nw.	V. P. Drips.
Greenmont	Lawrence	6,430	1	.....	.....	.....	.....	.....	.....	.....	1.94	.....	0.85	9.0	5	19	7	5	s.	H. C. Hoffbuhr.
Greenwood	Charles Mix	.....	16	59.6	+ 7.6	98	10	22	28	48	1.07	− 0.75	0.51	0.2	5	18	11	2	nw.	T. C. Williamson.
Hardy Ranger Station	Lawrence	6,600	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Mary E. Seals.
Harvey's Ranch	...do	6,282	.....	.....	.....	.....	.....	.....	.....	.....	1.34	.....	0.85	1.2	3	20	4	7	w.	Jerome Harvey.
Hermosa	Custer	3,278	4	54.6	.....	96	9	17	27	51	0.39	.....	0.18	0.0	4	20	10	1	.....	S. M. Booth.
Highmore	Hyde	1,890	14	55.4	+ 7.2	95	11	9	28	58	0.24	− 0.90	0.20	T.	3	17	7	7	nw.	Experiment Station.
Hill City	Pennington	5,067	1	.....	.....	.....	.....	.....	.....	.....	0.62	.....	0.37	0.0	3	15	5	11	nw.	Geo. A. Karr.
Hopewell	Stanley	.....	.....	56.0	.....	94	11	15	28	57	0.73	.....	0.70	0.0	2	19	9	3	nw.	E. R. Myers.
Howard	Miner	1,564	18	53.9	+ 6.5	95	11	14	28	47	0.90	− 0.95	0.69	0.0	3	20	6	5	s.	J. J. Cox.
Howell	Hand	.....	8	53.5	.....	94	2†	15	28	58	0.47	.....	0.25	0.1	4	22	5	4	nw.	M. A. Shuster, jr.
Huron	Beadle	1,306	28	54.0	+ 9.3	94	2	21	28	46	0.52	− 0.82	0.41	T.	4	14	10	7	s.	U. S. Weather Bureau.
Ipswich	Edmunds	1,530	13	52.2	+ 6.2	90	16	15	28	50	0.15	− 1.08	0.15	0.0	1	25	3	3	nw.	J. B. Taylor.
Kadoka	Stanley	2,467	1	54.6	.....	97	9	17	28	48	1.10	.....	0.88	T.	4	18	9	4	nw.	Rev. D. S. Brown.
Kennebec	Lyman	1,689	17	54.3	+ 4.9	97	11	4[c]	27	59[c]	0.63	− 0.36	0.50	0.0	3	23	4	4	nw.	R. C. Van Horn.
Kidder	Marshall	1,295	6	50.7	.....	91	10	16	27	51	0.25	.....	0.25	T.	1	24	3	4	sw.	H. C. Schussler.
Kimball	Brule	1,788	21	55.4	+ 6.9	92	11	16	28	51	0.59	− 0.53	0.59	T.	1	23	6	2	nw.	G. D. Rose.
La Delle	Spink	1,400	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. L. Ebbert.
Lead§	Lawrence	5,200	1	52.2	.....	85	11	13	20	41	1.48	.....	0.62	5.5	6	19	5	7	nw.	E. F. Irwin.
Lemmon	Perkins	2,345	1	50.7	.....	87	10	11	28	45	0.51	.....	0.25	.....	3	20	8	3	nw.	W. E. Lyman.
Marion	Turner	1,447	9	55.7	.....	92	11	22	28	47	1.24	.....	1.01	0.0	2	20	7	4	se.	M. H. Dains.
Marston	Sully	.....	2	53.0	.....	97	10	7	28	58	0.19	.....	0.19	0.0	1	21	5	5	nw.	John S. Walker.
Mellette	Spink	1,300	15	53.8	+ 6.1	93	2	20	21†	54	1.02	− 0.62	0.74	T.	3	21	7	3	.....	Frank A. Howe.
Menno	Hutchinson	1,325	13	56.4	+ 5.7	93	16	21	28	44	0.91	− 1.08	0.53	0.1	3	22	6	3	se.	J. H. Swanton.
Milbank	Grant	1,148	19	52.5	+ 5.0	93	2	21	29	51	2.62	+ 0.97	2.25	T.	3	17	1	13	nw.	I. T. Patridge.
Mitchell	Davison	1,312	16	54.6	+ 4.6	95	11	22	28	53	0.57	− 1.45	0.54	0.0	3	20	8	3	s.	C. W. Downey.
Murdo	Lyman	2,300	2	57.1	.....	95	11	18	28	50	1.10	.....	0.70	0.0	3	22	7	2	nw.	L. C. Bode.
Oelrichs	Fall River	3,339	18	55.4	+ 7.2	95	8	10	20	69	1.05	− 0.27	0.40	0.5	4	12	16	3	nw.	J. E. Strouse.
Orman	Butte	2,920	4	52.5	.....	89	9	23	28	57	0.72	.....	0.43	0.5	4	16	7	8	w.	U. S. Reclamation Service.
Ottumwa	Stanley	.....	2	52.6	.....	93	11	10	28	55[a]	0.40	.....	0.33	0.0	2	22	6	3	nw.	J. W. Bretz.
Pierre	Hughes	1,572	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Plankinton§	Aurora	1,528	16	.....	.....	.....	.....	.....	.....	.....	0.60	− 1.29	0.41	T.	3	20	9	2	sw.	W. G. Andrews.
Pollock	Campbell	.....	4	50.0	.....	92	11	11[a]	21	55[a]	0.35	.....	0.20	T.	2	16	9	6	nw.	J. H. Jones.
Rapid City	Pennington	3,251	22	54.0	+ 7.4	88	11	21	28	46	0.41	− 0.69	0.24	1.0	5	16	7	8	w.	U. S. Weather Bureau.
Redfield	Spink	1,295	12	53.0	+ 6.2	92	2†	19	29	52	1.52	+ 0.02	1.50	0.0	2	19	3	9	sw.	A. S. Hall.
Rochford	Pennington	5,228	.....	.....	.....	.....	.....	.....	.....	.....	0.70	.....	0.20	2.8	4	21	3	7	nw.	Mrs. M. E. Deffenbaugh.
Rosebud	Meyer	2,600	16	54.8	+ 6.5	93	10	13	28	47	0.76	− 0.16	0.50	2.0	3	20	9	2	nw.	W. M. Ege.
Roslyn	Day	.....	4	51.6	.....	91	2	16	28	47	0.89	.....	0.45	T.	3	18	8	5	nw.	O. O. Floren.
Savoy	Lawrence	4,500	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	M. J. Hall.
Selby	Walworth	.....	2	54.6	.....	88	10†	14	28	51	0.23	.....	0.12	T.	3	13	10	8	nw.	Miss Gertrude Hall.
Sioux Falls	Minnehaha	1,400	19	56.6	+ 7.3	90	2†	20	28	45	0.64	− 1.05	0.30	T.	4	21	5	5	s.	J. H. Bechtold.
Spearfish	Lawrence	3,647	20	54.2	+ 5.0	85	9	21	28	35[a]	1.34	− 0.01	0.63	T.	5	14	10	7	nw.	O. A. Martin.
Stephan	Hyde	1,840	6	53.2	.....	94	10	9	21	54	0.12	.....	0.12	T.	1	17	9	5	nw.	Rev. A. Mattingly.
Tama	Meade	.....	1	52.6	.....	89	9†	10	20	46	0.11	.....	0.06	T.	2	.....	.....	.....	.....	J. J. Daly.
Vale	Butte	2,765	2	52.5	.....	90	11	17	28	55[a]	0.58	.....	0.41	T.	3	21	6	4	nw.	U. S. Reclamation Service.
Vermilion	Clay	1,222	9	56.6	.....	89	11	22	28	42	1.57	.....	1.36	T.	3	25	2	4	se.	Prof. E. C. Perisho.
Waters' Ranch	Lawrence	4,000	.....	.....	.....	.....	.....	.....	.....	.....	1.59	.....	0.46	1.4	7	18	5	8	nw.	George Waters.
Watertown	Codington	1,735	16	52.2	+ 7.0	88	16	20	28	45	1.05	− 0.61	1.05	T.	1	20	4	7	s.	Robert Q. Wood.
Wentworth	Lake	.....	17	53.6	+ 5.9	94	11	18	28	49	0.72	− 0.98	0.40	0.0	3	23	4	4	s.	R. C. Zimmerman.
White Lake	Aurora	1,646	1	.....	.....	.....	.....	.....	.....	.....	1.09	.....	0.82	T.	2	24	4	3	s.	Mrs. G. A. Rogers.
Winner	Tripp	2,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. L. Rawson.
Yankton	Yankton	1,234	36	56.5	+ 6.0	91	11	24	28	39	1.64	+ 0.07	0.92	T.	3	14	14	3	w.	U. S. Weather Bureau.
Minnesota.																				
Pipestone	Pipestone	1,710	11	53.9	+ 5.8	91	11	19	28	49	0.75	− 1.08	0.53	0.8	3	16	10	5	sw.	W. S. Campbell.

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

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Colorado.																				
Akron	Washington	4,650	8								T.		T.	0.5	0					Ira M. Barnhouse.
Alma	Park	10,238	13								0.27	− 0.55	0.27	6.0	1	27	0	4	w.	F. H. Clark.
Arriba (near)	Lincoln	5,238	4	53.4		87	15	11	28	51	0.09		0.03	T.	4	28	2	1	n.	C. A. Creel.
Auldhurst	Teller	8,500									1.28		0.62	9.0	6	13	13	5	s.	Mrs. Alice A. Auld.
Boreas	Park	11,489									1.39		0.35	11.4	7	13	9	9	nw.	Frank Soper.
Boulder	Boulder	5,347	14	54.5	+ 2.0	88	10	18	28	46	1.05	− 0.41	0.57	T.	5	18	10	3	w.	O. H. Wangelin.
Burlington	Kit Carson	4,160	6	57.0		88	1†	14	28	46	0.06		0.06	0.0	1	23	6	2	nw.	W. P. Davis.
Cassells	Park	8,445									0.82		0.31	3.1	6	18	8	5	w.	Harriet M. Cassell.
Castle Rock	Douglas	6,220	18																	Geo. Tunnicliff.
Cheesman	Jefferson	6,890	7	50.4		87	9	14	27	49	1.50		1.25	4.0	2	21	9	1	sw.	J. G. Thornburg.
Cheyenne Wells	Cheyenne	4,279	18	56.6	+ 4.5	89	1	16	28	47	T.	− 0.88	T.	0.0	0	26	2	3	s.	J. W. Adams.
Cope	Washington		12	56.6	+ 5.5	89	10	12	28	56	0.76	− 0.36	0.40	0.0	2	20	7	4	s.	A. A. Williams.
Corona	Grand	11,660	3	30.0		60	9	2	21	28									w.	U. S. Weather Bureau.
Denver	Denver	5,272	38	55.4	+ 4.4	89	10	19	28	40	0.21	− 0.75	0.15	0.4	5	15	15	1	s.	Do.
Edgewater	Jefferson	5,450	2																	Dr. N. P. Levin.
Estes Park Fish Hatchery	Larimer	8,000									0.67		0.40	3.0	3	11	14	6	w.	Gaylord H. Thomson.
Fort Collins	do	4,985	31																	Colorado Agri. College.
Fort Morgan	Morgan	4,319	12	53.7	+ 4.0	98	23	10	28	78	0.08	− 0.80	0.08	0.0	1	17	12	2	nw.	Della M. Scott.
Frances	Boulder	9,300	5	43.4[d]		72[d]	9	5[d]	20	38[d]	0.92		0.67	13.0	4				w.	D. A. Barry.
Fry's Ranch	Larimer	7,500		46.5		83	9	7	20	47	1.07		0.75	1.0	5	19	10	2	w.	Norman W. Fry.
Georgetown	Clear Creek	8,550	9								0.71		0.26	5.0	5	19	9	3		H. L. Corbett.
Greeley	Weld	4,649	18	52.2	+ 2.5	91	10	16	28	59	1.06	+ 0.23	1.06	0.0	1	23	4	4	ne.	Nelson Reynolds.
Grover	do	5,076		53.0		88	10	20	19	50	1.19		1.19	T.	1	23	3	5	sw.	Geo. M. Blake.
Hartsel	Park	7,670									0.26		0.21	0.4	3	22	7	2		Emily Kleinknecht.
Hawthorne	Boulder	6,000	2								1.31		0.94	9.0	3	26	3	2		B. E. Chesebro.
Holyoke (near)	Phillips	3,745	14								0.00	− 1.35	0.00	0.0	0	25	4	2	se.	A. C. Cauble.
Idaho Springs	Clear Creek	7,534	10	48.1	+ 3.7	83	9	12	20	41	0.65	− 0.73	0.25	4.5	5	9	20	2	w.	J. J. Willis.
Keota	Weld	4,966																		G. J. Farrell.
Kossler	Boulder	7,720	3																	East Colo. Power Co.
La Porte	Larimer	5,053	19								0.78	− 0.22	0.78	0.0	1					P. A. Taft.
Le Roy (near)	Logan	4,380	20								0.13	− 0.83	0.06	T	3					Chas. Green.
Longmont	Boulder	4,980	8																	Great Western Sugar Co
Long's Peak (near)	Larimer	8,600	15	42.2	+ 2.9	76	9	−10	20	50	1.25	− 0.27	1.00	12.0	3	18	11	2	nw.	Enos A. Mills.
Moraine	do	7,775	20	47.2	+ 4.6	79	10	− 1	20	45						18	10	3	w.	J. D. Stead.
Platte Canon	Jefferson	5,492	11								0.39	− 0.82	0.20	0.9	2	20	9	2	sw.	Denver Union Water Co.
St. Cloud	Larimer	7,750	7								0.75		0.48	T.	3	22	8	1	nw.	Miss Guilla Sivers.
Sedgwick	Sedgwick	3,573	2	54.2		95	10	15	21	60	0.10		0.10	0.0	1	21	8	2	se.	Dr. Edwin Lewis.
Sill Mine	Clear Creek	11,500	1																	Chas. F. Deininger.
Silver Lake	Boulder										2.01		1.00	14.0	5	14	14	3	e.	Clair V. Mann.
Spicer (near)	Larimer	8,700																		Frank W. Murphy.
Sterling	Logan	3,892		53.6		97	7	11	28	64	0.06		0.04	0.0	2	21	6	4	e.	Great Western Sugar Co.
Waterdale	Larimer	5,206	7	53.2	+ 4.9	88	10	17	28	50	0.96	− 0.12	0.85	1.3	3					P. H. Boothroyd.
Westlake	Boulder		2																	C. R. Keeney.
Wray	Yuma	3,512	14	56.0	+ 4.8	92	7†	14	28	57	0.05	− 0.94	0.05	0.0	1	23	7	1	nw.	J. C. Tuomey.
Yuma	do	4,138	19								0.23	− 0.78	0.23	0.0	1	26	1	4	nw.	Jean Deaken.
Nebraska.																				
Ainsworth	Brown	2,521	5	57.8		96	10	20	21†	45	0.42		0.27	T.	2	4	24	3	sw.	John M. Cotton.
Albion	Boone	1,747	12	55.4[e]	+ 2.8	89	17	17	28	52[d]	1.55	− 0.59	1.38	T.	2				s.	F. M. Weitzel.
Alliance	Boxbutte	3,968	15	50.5	+ 2.4	88	9†	8	28	56	0.20	− 0.59	0.20	T.	1	23	8	0	sw.	J. A. Keegan.
Alma	Harlan	1,939	13	57.6	+ 3.2	89	2	18	21†	51	0.68	− 1.18	0.63	0.0	3	27	2	2	s.	W. A. Sharpnack
Anoka	Boyd		4	55.8		97	10	14	21	57	0.35		0.35	T.	1	14	14	3	nw.	W. Whitla.
Arcadia	Valley	2,186	11								1.46	− 0.25	1.46	T.	1	24	4	3	nw.	Jas. L. Owen.
Ashland	Saunders	1,100	27	58.4	+ 3.4	87	2	26	28	39	0.88	− 1.25	0.84	T.	2	24	4	3	s.	Dr. A. S. von Mansfelder.
Ashton	Sherman	2,061	17								0.82	− 0.92	0.74	T.	3	25	2	4	sw.	F. Rein.
Atkinson	Holt	2,108	4	56.1		95	10	17	28	55	0.20		0.20	0.0	1	26	3	2	nw.	Chas. J. Wilson.
Auburn	Nemaha	1,051	18	58.5	+ 2.6	87	2†	25	29	43	0.48	− 2.23	0.31	T.	2	25	3	3	s.	J. R. Huffman.
Aurora	Hamilton	1,792	15	58.6	+ 4.9	86	9†	20	28	43	1.67	− 0.64	1.30	0.0	2	21	7	3	s.	Chi., Burl. & Quincy R. R.
Beatrice	Gage	1,235	19	57.6	+ 2.7	86	2	25	28	40	0.80	− 1.41	0.64	0.0	2	26	2	3	sw.	Wm. S. Waxham.
Beaver City	Furnas	2,147	19	58.6	+ 4.0	90	10	19	28	55	0.12	− 1.17	0.12	0.0	1	18	12	1	nw.	T. M. Davis.
Bellevue	Sarpy	1,210	28	58.0		85	16	25	29	42	0.85	− 1.21	0.68	T.	4	24	3	4	se.	Prof. A. A. Tyler.
Benkelman	Dundy	2,968	13																	R. D. Druliner.
Bertrand	Phelps	2,515	2								0.72		0.43	0.0	2	20	9	2		W. F. Dobbin.
Blair	Washington	1,122	15	57.7	+ 4.1	85	15†	25	29	39	1.01	− 1.24	0.91	T.	3	26	2	3	sw.	H. H. Hahn.
Bloomfield	Knox		4	55.8		90	11†	20	28	45	1.42		1.02	T.	2	24	3	4	nw.	Dr. L. C. Bleick.
Bradshaw	York	1,715	11								1.80	− 1.55	1.38	T.	2	26	3	2		E. C. Roggy.
Bridgeport	Morrill	3,658	14	49.7	+ 0.7	90	10	7	28	60	0.02	− 0.77	0.02	0.0	1				nw.	R. H. Willis.
Brokenbow	Custer	2,477	15	54.0[d]	+ 3.8	93	12	12	24	59[d]	0.18	− 1.57	0.18	0.0	1					Chi., Burl. & Quincy R. R.
Burge	Cherry	2,674	4	51.8		90	11†	11	21	63	0.25		0.25	T.	1	23	2	6	e.	H. A. Davis.
Cairo	Hall	1,951	1								2.09		1.60	0.0	2					Elliott Harrison.
Callaway	Custer	2,555	17																	J. H. Evans.
Cambridge	Furnas	2,258	3	58.5		94	10	15	28	52	0.26		0.20	T.	2	23	5	3	n.	Chas. Jensen.
Canton (near)	Sioux		1																	A. E. Hann.
Columbus	Platte	1,442	17	57.6	+ 5.0	94	3	26	28	44	1.59	− 0.38	1.32	0.0	3	26	0	5	nw.	C. C. Gray.
Cozad	Dawson	2,496	2								0.25		0.15	0.0	2	25	4	2	s.	A. A. Luttin.
Creighton	Knox	1,600	13	55.6	+ 7.4	90	15	18	27	42	1.82	+ 0.54	0.80	T.	4	19	5	7	s.	W. L. Kirk.
Crete	Saline	1,368	27	58.4	+ 4.4	85	13†	24	28	38	1.10	− 1.05	0.90	0.0	2	24	3	4	s.	Doane College.
Culbertson	Hitchcock	2,565	23	58.3		96	8	18	20	55	0.00	− 1.10	0.00	0.0	0	22	5	4	nw.	J. H. Corrick.
Curtis	Frontier	2,553	13	54.8	+ 2.6	89	10	15	21	56	0.00	− 1.27	0.00	0.0	0	24	3	4	s.	Dr. S. R. Razee.
David City	Butler	1,619	21	57.6	+ 6.3	84	2†	22	28	37	1.13	− 1.01	0.95	T.	2	18	10	3	se.	S. Clingman.
Dawson	Richardson	945	17																	Mrs. E. I. Atkinson.
Dubois	Pawnee	1,074	5								0.59		0.40	T.	2	25	2	4	s.	O. M. Backus.
Ellis	Gage	1,430	5								0.93		0.93	0.0	1					D. J. Wood.
Elmcreek	Buffalo	2,268	2								0.60		0.31	0.0	2					E. L. Sutton.
Elsie	Perkins	3,382	2								T.		T.	0.0	0					J. F. Brittain.
Enderslake	Brown		1																	G. W. Chappell.
Ewing	Holt	1,888	16	56.1		96	10	16	28	68	0.62	− 1.11	0.39	0.0	2					G. H. Benson.
Fairbury	Jefferson	1,316	35	58.5	+ 3.4	90	2	25	28†	43	0.71	− 1.52	0.53	0.0	2	22	5	4	se.	W. F. Cramb.
Fairmont	Fillmore	1,641	17	55.4	+ 2.5	89	22	20	28	65	0.85	− 1.86	0.78	0.0	2	23	1	7	s.	Chi., Burl. & Quincy R. R.
Fort Robinson	Dawes	3,764	26	49.3	+ 0.9	93	10	13	29	62	0.90	− 0.37	0.33	0.0	4	25	0	6	w.	Post Hospital.
Franklin	Franklin	1,820	19	59.8	+ 6.2	90	1†	18	21	57	1.12	− 0.63	0.58	0.0	2	19	8	4	s.	Jesse H. Naden.
Fremont	Dodge	1,203	30	56.8	+ 4.1	88	2	24	28†	46	1.06	− 1.16	0.90	T.	2	21	7	3	se.	Ernest Hahn.
Fullerton	Nance	1,629	8	55.4		88	16	20	21†	49	2.00		2.00	T.	1	22	9	0	s.	Dr. F. W. Johnson.
Geneva	Fillmore	1,633	20	58.1	+ 3.9	87	2	22	28	44	0.12	− 2.27	0.12	T.	1	25	2	4	se.	F. M. Flory.
Genoa	Nance	1,584	35	56.8	+ 5.8	87	2	22	28	45	1.95	+ 0.19	1.70	T.	2	25	3	3	s.	F. W. Parsons.
Gordon	Sheridan	3,550	8	50.6[d]		95	10	4	26	66[d]	T.		T.	T.	0				nw.	G. F. Williams.
Gosper	Gosper		8								0.10		0.10	0.0	1	20	10	1	nw.	E. H. Stoll.
Gothenburg	Dawson	2,557	16	58.0	+ 5.6	95	10	15	28	55	0.80	− 0.73	0.80	T.	1	22	4	5	nw.	Dr. W. J. Bartholomew.

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

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Nebraska—Cont'd.																				
Grand Island	Hall	1,860	19	57.9	+ 5.1	90	16	21	21†	50	1.45	− 1.08	1.20	T.	2	23	4	4	sw.	E. A. Barnes.
Grant	Perkins	3,405	7	53.8[c]		93	10	10	28	64[d]	0.02		0.02	0.0	1				nw.	Cyrus Carver.
Greeley	Greeley	2,021	15	55.6		88	2†	18	21	48	1.25	− 0.47	1.03	0.3	4	24	5	2	se.	W. E. Morgan.
Guiderock	Webster	1,646	10								1.09	− 0.85	0.97	0.0	2	18	11	2	s.	J. S. Marsh.
Haigler	Dundy	3,258	15								0.00	− 0.73	0.00	0.0	0	21	8	2		Chi., Burl. & Quincy R. R.
Halsey§	Thomas	2,695	8	56.8		94	10	12	28	54	0.35		0.35	0.0	1	22	6	3	nw.	U. S. Forest Service.
Hartington	Cedar	1,309	19	57.7	+ 6.5	92	16	24	28	50	1.64	0.00	1.48	T.	2	22	8	1	nw.	D. E. Ewing.
Harvard	Clay	1,812	21	54.0	+ 2.0	86	2	18	28	49	1.35	− 0.93	0.97	T.	3	24	4	3	se.	Dr. J. T. Fleming.
Hastings	Adams	1,932	20	56.2	+ 3.0	88	2	20	29	54	1.33	− 0.84	0.98	0.0	2	27	3	1	sw.	Chi., Burl. & Quincy R. R.
Hayes Center	Hayes		17	55.8		93	11	15	28	55	0.01	− 1.39	0.01	0.0	1	25	3	3	nw.	C. A. Ready.
Hay Springs	Sheridan	3,821	23	50.6	+ 3.2	94	10	10	28	63	0.20	− 1.05	0.20	1.0	1	22	5	4	nw.	A. Kadlecek.
Hebron	Thayer	1,458	25	57.2	+ 3.0	87	2	23	28†	43	0.66	− 1.35	0.59	T.	2					Dr. C. M. Easton.
Hemingford	Boxbutte	4,256	1								0.41		0.14	0.0	4					A. S. Enyeart.
Hendley	Furnas	2,231	6								0.12		0.12	0.0	1					T. L. Jones.
Hillside	McPherson		1	52.3		93	10	10	21	62	0.06		0.06	T.	1	25	3	3	nw.	Mrs. M. R. Lloyd.
Holdrege	Phelps	2,324	18	57.8	+ 4.9	94	10	20	29	55	1.30	− 0.35	1.30	0.0	1				s.	Chi., Burl. & Quincy R. R.
Hooper§	Dodge	1,228	13	55.0	+ 2.9	86	16	24	29	40	0.67	− 1.67	0.51	T.	2	23	2	6	s.	Dr. W. Howard Heine.
Imperial	Chase	3,278	20	58.8[f]	+ 7.0	94	10	12	28	58[f]	T.	− 1.03	T.	0.0	0				nw.	Robt. Malcolm.
Kearney	Buffalo	2,146	20	58.3	+ 4.4	89	2†	15	28	52	0.74	− 1.10	0.73	T.	2	23	6	2	sw.	N. C. Dunlap.
Kimball	Kimball	4,697	21	52.3	+ 4.0	92	9†	13	27	55	T.	− 0.61	T.	T.	0	22	7	2	nw.	F. J. Bellows.
Kirkwood	Rock		15	57.3[e]	+ 7.0	97	10	16	28	58[e]	0.54	− 1.14	0.49	T.	2				s.	Mrs. C. Arter.
Kowanda	Deuel		2								0.06		0.06	0.0	1					Geo. W. Hulse.
Lexington	Dawson	2,385	21	57.0	+ 4.6	91	10	16	28	56	0.46	− 0.97	0.46	0.0	1	27	0	4	sw.	Robt. Chadwick.
Lincoln	Lancaster	1,189	31	58.2	+ 4.9	88	2	26	28	35	1.21	− 0.61	1.15	T.	4	22	5	4	s.	U. S. Weather Bureau.
Lodgepole	Cheyenne	3,820	12	54.8	+ 5.2	96	10	9	28	60	T.	− 0.41	T.	T.	0	22	6	3	nw.	R. T. Kidney.
Loup	Sherman	2,067	16	55.0	+ 3.6	87	3†	15	21†	52	0.85	− 1.18	0.70	0.0	2	22	6	3	s.	E. S. Hayhurst.
Loyal	Custer		2								0.36		0.36	0.0	1	26	3	2	n.	C. H. Cass.
McCook	Redwillow	2,506	15			93	10				0.17	− 0.89	0.17	0.0	1	27	4	0	s.	C. G. Coglizer.
McCool Junction	York	1,575	12								0.76	− 1.81	0.64	T.	2					L. L. Slagle.
Madison	Madison	1,585	17	55.5	+ 4.4	85	2†	22	28†	39	1.77	− 0.15	1.42	T.	2	25	1	5	sw.	Dr. F. A. Long.
Marquette	Hamilton	1,830	31								1.94	− 0.30	1.67	T.	3					John Ellis.
Mason City	Custer	2,257	9								0.00	− 1.96	0.00	0.0	0					J. A. Amberry.
Minatare	Scottsbluff	3,825	1								0.00		0.00	0.0	0	19	2	10	nw.	Anthony Kennedy.
Minden	Kearney	2,169	33	56.6	+ 4.2	89	2	17	28	49	1.84	− 0.28	1.35	0.0	4	23	5	3	s.	Joel Hull.
Mitchell	Scottsbluff		3	51.6		93	10	6	28	59	0.31		0.18	0.0	2	25	4	2	nw.	U. S. Reclamation Service.
Morrill	..do		1																	Edwin K. Wieland, jr.
Nebraska City	Otoe	941	33	57.7	+ 4.0	87	2	25	28	39	0.75	− 2.06	0.45	T.	2	24	4	3	s.	Chi., Burl. & Quincy R. R.
Norfolk	Madison	1,532	27	55.8	+ 5.1	90	15†	22	28	49	0.83	− 0.77	0.70	T.	2	28	1	2	s.	Dr. P. H. Salter.
North Loup	Valley	1,961	22	55.3	+ 3.7	90	2	17	21	54	0.73	− 0.90	0.65	T.	2	21	6	4	s.	W. G. Rood.
North Platte	Lincoln	2,841	36	55.4	+ 5.4	93	10	12	28	56	0.01	− 1.14	0.01	0.0	1	25	4	2	w.	U. S. Weather Bureau.
Oakdale	Antelope	1,722	23	53.9	+ 4.2	87	2	19	28	48	1.13	− 0.44	1.02	0.1	4	23	5	3	s.	G. S. Clingman.
Odell	Gage	1,278	16								1.05	− 1.15	0.85	0.0	2					Chi., Burl. & Quincy R. R.
Omaha	Douglas	1,103	40	58.9	+ 4.7	88	2	27	28	32	0.72	− 1.63	0.64	0.1	4	18	8	5	s.	U. S. Weather Bureau.
Ord	Valley	2,062	16								1.08	− 0.81	0.67	0.0	3	20	7	4	s.	James Milford.
Orleans	Harlan	1,993	2								0.46		0.46	0.0	1					James McGeachin.
Osceola	Polk	1,644	12	54.6[i]		88	13	22	28	46[i]	1.33	− 0.99	1.33	T.	1				s.	G. T. Ray.
Palisade	Hitchcock		1								0.00		0.00	0.0	0					E. E. Young.
Palmyra**§	Otoe	1,142	15	57.2	+ 3.6	88	2†	26	28†		0.87	− 1.10	0.82	0.0	2	23	6	2	sw.	Thomas Coles.
Pawnee City	Pawnee	1,175		58.4		88	16	18	29	47	0.40	− 2.10	0.30	T.	2	25	3	3	s.	Frank A. Barton.
Paxton	Keith		1								0.00		0.00	0.0	0					H. D. Lute.
Plymouth	Jefferson	1,419	6	57.4		87	13	23	28	43	0.76		0.52	0.0	2	19	9	3	s.	John Ruppel.
Purdum	Blaine		10	55.2		96	10	8	28	53	0.08	− 1.44	0.06	T.	2	24	3	4	sw.	T. C. Jackson.
Ravenna	Buffalo	2,028	33	56.8	+ 4.6	90	2	15	21	50	0.72	− 1.00	0.69	T.	2	24	5	2	s.	H. G. Smith.
Redcloud	Webster	1,687	18	58.8	+ 5.0	88	2†	20	29	52	1.18	− 0.43	0.89	T.	2	26	3	2	s.	Chas. S. Ludlow.
St. Libory	Howard	1,887	15								1.12	− 1.06	0.90	0.0	2	25	4	2	s.	W. I. Meader.
St. Paul	...do	1,796	16	57.1	+ 3.7	89	2	21	28	44	1.43	− 0.51	0.95	0.0	2	25	4	2	sw.	Paul Anderson.
Santee	Knox		22	58.4	+ 5.9	95	11	21	28	48	1.30	− 0.49	0.70	0.0	2	20	10	1	se.	Nat H. Neff.
Sargent	Custer	2,339	13	56.3[c]		90	10	16	28	61[e]	0.15	− 0.98	0.15	0.0	1				nw.	Jas. L. Ferguson.
Schuyler	Colfax	1,357	17	56.4		88	2†	19	25	44	1.42	− 0.70	1.28	T.	2	24	5	2	s.	John T. Sumner.
Scottsbluff	Scottsbluff	3,888	4	51.9		92	9†	12	28	58	0.17		0.12	0.0	2	24	3	4	nw.	A. B. McCoskey.
Seward	Seward	1,435	20	57.2	+ 2.5	88	1	23	28†	55	1.25	− 1.06	1.00	T.	2	24	2	5	nw.	Chi., Burl. & Quincy R. R.
Sheridan	Wheeler		2								1.06		0.57	T.	2	22	6	3	sw.	J. C. Harris.
Sidney	Cheyenne	4,090	18								0.04	− 0.81	0.03	T.	2	27	4	0	nw.	John P. Fischer.
Springview	Keyapaha		17	58.0	+ 7.3	95	10	12	28	52	0.18	− 0.96	0.18	T.	1	20	8	3	nw.	C. L. Phelps.
Stanton	Stanton	1,472	19	56.8	+ 5.2	86	17	22	28	45	0.35	− 1.33	0.35	0.0	1	25	5	1	sw.	Alfred Pont.
Stratton	Hitchcock	2,804	15								0.00	− 1.20	0.00	0.0	0					Miss Stella Vennum.
Superior	Nuckolls	1,574	25								0.80	− 1.41	0.60	0.0	2					F. V. Bishop.
Tablerock	Pawnee	1,023	22								0.70	− 1.74	0.45	T.	2	24	4	3	s.	E. D. Howe.
Tecumseh	Johnson	1,113	32								0.89	− 1.66	0.60	0.0	2	22	7	2		Chi., Burl. & Quincy R. R.
Tekamah	Burt	1,060	20	56.4	+ 3.0	88	2	21	29	40	1.09	− 0.76	1.05	0.0	2	20	8	3	s.	Dr. A. D. Nesbit.
Tobias	Saline	1,597	1					25	28		0.66		0.56	T.	2	22	5	4	s.	Frank Ainsworth.
Turlington	Otoe	1,214	18	58.2	+ 3.4	87	2	25	28†	36	0.78	− 1.48	0.56	T.	3	25	3	3	se.	Wm. N. Hunter.
University Farm§	Lancaster		25	58.4		87	1†	25	28	37	0.91	− 1.27	0.86	T.	2	23	8	0		S. W. Perin.
Valentine	Cherry	2,613	22	53.9	+ 5.4	95	10	10	28	47	0.20	− 1.12	0.13	0.2	4	22	7	2	nw.	U. S. Weather Bureau.
Wahoo	Saunders	1,187	8								0.97		0.85	0.0	2	23	6	2	sw.	W. T. Mauck.
Wakefield	Dixon	1,387	16	54.8	+ 2.8	89	16	22	28	47	1.02	− 1.09	0.85	T.	3	25	3	3	s.	I. H. Weaver.
Walthill	Thurston		8																	H. L. Keefe.
Watertown	Buffalo	2,299	5								0.54		0.30	0.0	2	18	12	1	nw.	R. E. Swift.
Wauneta	Chase		11								0.00	− 1.02	0.00	0.0	0					C. D. Fuller.
Weepingwater	Cass	1,080	33	57.4		88	2†	26	28	47	0.89	− 1.36	0.70	0.1	4	25	2	4	s.	S. W. Orton.
Wellfleet (near)	Lincoln		1																	Mrs. Eli Votaw.
Westpoint	Cuming	1,313	24	58.2	+ 4.2	90	2	24	28	45	1.41	− 0.39	1.21	T.	2	27	2	2	s	J. C. Elliott
Wisner	...do	1,380	14								1.52	− 0.96	1.25	T.	2	21	7	3		F. C. Evans.
Woodlawn	Lancaster		5								1.08		1.00	T.	2	24	3	4	s.	H. C. Kendall.
York	York	1,633	21	58.2	+ 4.1	89	16	20	28	46	0.87	− 1.26	0.72	T.	2	24	5	2	sw.	A. T. Glauque.
Iowa.																				
Afton§	Union	1,212	16	55.5	+ 2.2	81	2	22	29	29	1.13	− 1.49	0.90	T.	3	23	3	5	sw.	N. W. Rowell.
Allerton§	Wayne	1,513	8	57.4		88	16	16	29	41	0.12		0.08	T.	2	25	0	6	sw.	Mrs. Geo. Shriver.
Alton	Sioux	1,305	5	54.1		86	2†	18	29	40	0.78		0.57	T.	5	21	5	5	sw.	W. S. Slagle.
Atlantic	Cass	1,164	19	55.8	+ 4.2	85	2	19	29	37	1.15	− 1.37	0.61	T.	4	15	8	8	sw.	Thos. H. Whitney.
Audubon§	Audubon	1,301	16	54.8	+ 3.9	83	2	21	29	40	0.93	− 1.23	0.60	T.	3	21	3	7	sw.	Geo. E. Kellogg.
Bedford§	Taylor		10	56.8	+ 2.5	87	2†	14	29	42	1.37	− 0.91	1.13	T.	3	23	4	4	sw.	E. E. Healy.
Centerville	Appanoose										0.15		0.10	T.	2	25	3	3	w.	Gordon Peacock, jr.
Chariton§	Lucas	1,042	15	56.7	+ 2.5	88	2†	13	29	44	T.	− 2.36	T.	T.	0	25	0	6	se.	C. C. Burr.
Clarinda	Page	1,009	20	54.0	0.0	88	2	21	29	39	1.55	− 0.95	0.79	T.	4	23	7	1	s.	A. S. Van Sandt.
Corning§	Adams	1,117	18	55.4	+ 2.1	88	2	18	29	34	1.71	− 0.62	0.82	T.	3	25	0	6	se.	Jerome Smith.
Corydon§	Wayne	1,101	17	56.8	+ 2.0	86	2	18	29	33	0.14	− 2.35	0.07	T.	3	24	2	5	sw.	Clara Miller.

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

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Iowa—Cont'd.																				
Council Bluffs	Pottawattamie			56.0		87	2	18	29	46	0.97		0.73	T.	3	20	4	7	sw.	B. W. Crossley.
Creston	Union	1,312	5	55.7		86	2	20	29	43	1.42		0.96	T.	4	22	2	7	s.	O. J. Colby.
Cumberland	Cass		10								1.56	− 1.05	1.18	T.	4	25	2	4	sw.	J. H. Reppert.
Denison	Crawford	1,180	16	55.1	+ 4.3	85	2†	19	29	41	1.34	− 0.69	0.60	T.	5	24	3	4	s.	W. C. Van Ness.
Elliott	Montgomery		5	57.1		87	2	21	29	40	0.83		0.75	T.	2	22	6	3	nw.	Henry Barnes.
Greenfield	Adair		18	54.6	+ 1.5	83	2	20	29	31	1.41	− 0.86	0.70	T.	3	22	6	3	sw.	R. B. Oldham.
Harlan§	Shelby	1,192	11	54.2	+ 1.4	85	2	18	29	41	0.99	− 1.77	0.48	T.	4	18	8	5	s.	C. A. Reynolds.
Hopeville	Clarke		19	56.5	+ 2.3	86	2	18	29	38	0.37	− 1.87	0.31	T.	2	17	7	7	s.	M. T. Ashley.
Inwood§	Lyon	1,474	6	55.6		93	10	17	29	43	1.46		1.18	0.5	4	24	3	4	s.	F. B. Hanson.
Lamoni	Decatur		3	55.6		83	2	16	29	35	0.27		0.15	T.	5	21	0	11	nw.	T. J. Fitzpatrick.
Larrabee	Cherokee	1,266	20	52.8[e]	+ 2.5	84	2†	17	29	35	0.79	− 1.23	0.64	0.5	4	22	9	0		H. B. Strever.
Le Mars§	Plymouth	1,224	14	54.4	+ 3.1	83	2†	23	28†	37	0.78	− 1.11	0.60	T.	4	18	7	6	s.	G. A. C. Clarke.
Lenox§	Taylor	1,250	15	56.2	+ 2.6	83	2	19	29	33	1.35	− 1.18	1.00	T.	4	23	4	4	s.	J. L. Hurley.
Leon	Decatur	1,120	8	56.8		84	2	18	29	38	0.15		0.15	T.	1	20	4	7	s.	Morris Gardner.
Little Sioux§	Harrison		5	57.2		87	2†	19	29	45	1.01		0.88	T.	3	24	4	3	sw.	Geo. H. Gibson.
Logan§	do	928	43	55.8	+ 3.6	84	16	22	29	44	1.02	− 1.37	0.73	T.	5	14	14	3	nw.	Glenn H. Stern.
Massena§	Cass		4																	C. E. Smeltzer.
Mount Ayr§	Ringgold	1,236	17	57.5	+ 2.6	85	2†	23	29	35	0.59	− 1.67	0.35	T.	5	23	1	7	sw.	A. F. Beard.
Odebolt§	Sac	1,356	13	55.8	+ 2.9	88	16	20	29	41	0.61	− 1.44	0.32	0.0	4	24	4	3		E. Starner.
Onawa§	Monona	1,051	10	57.8	+ 3.0	87	2	26	28†	42	1.08	− 1.31	0.95	T.	3	26	0	5	s.	C. G. Perkins.
Pacific Junction§	Mills	960	11	55.1	+ 0.7	86	11	20	29	42	1.04	− 1.26	0.63	T.	3	23	7	1	s.	H. H. McCartney.
Rock Rapids§	Lyon	1,358	11	51.8	+ 4.8	85	15	19	29	38	0.20	− 1.81	0.15	0.5	2					W. C. Wyckoff.
Sheldon§	O'Brien	1,422	10	55.2	+ 3.8	90	16	19	29	45	0.58	− 2.01	0.55	1.0	2	24	4	3	s.	Dr. A. W. Beach.
Sibley	Osceola	1,212	17	52.8	+ 3.2	88	11†	18	29	47	0.87	− 1.22	0.70	0.9	4	22	2	7	sw.	H. G. Doolittle.
Sioux Center§	Sioux		11	53.8	+ 2.8	83	15†	22	28†	35	0.92	− 1.26	0.90	0.0	2	25	2	4	s.	J. de Ruyter.
Sioux City	Woodbury	1,135	21	56.0	+ 4.9	88	16	25	28	38	0.84	− 0.95	0.70	T.	4	21	7	3	s.	U. S. Weather Bureau.
Thurman§	Fremont		13	56.6	+ 1.8	86	2	19	29	40	0.92	− 2.25	0.42	T.	3	20	7	4	nw.	C. R. Paul.
Washta§	Cherokee	1,157	12	54.7	+ 5.7	89	16	15	29	49	0.90	− 1.19	0.85	T.	2	24	4	3	s.	H. L. Felter.
Woodburn§	Clarke	961	11	54.6		87	2†	10	29	50	0.56	− 1.46	0.50	T.	3	23	2	6	sw.	C. B. McDonough.
Kansas.																				
Abilene	Dickinson	1,157	15																	T. W. Sherman.
Agricultural College	Riley	1,100	52	58.7	+ 2.4	94	1	18	29	47	0.90	− 1.41	0.65	T	2	23	2	6	sw.	Prof. J. O. Hamilton.
Alton	Osborne	1,651	8	60.6		94	16	17	28	55	0.47	− 1.23	0.35	T.	2	23	6	2	s.	H. A. Storer.
Atchison	Atchison	973	19	60.0	+ 3.0	88	15	26	28	38	0.50	− 2.21	0.40	T.	2	24	2	5	w.	Prof. M. F. Troxell.
Baker	Brown	1,182	10	58.9		90	1	24	28	42	0.48		0.48	0.0	1	13	0	18	s.	E. A. Bastien.
Beloit	Mitchell	1,383	15																	W. H. Houghton.
Blakeman	Rawlins	2,894	13	56.0		94	10	10	28	64	0.04	− 1.21	0.04		1	26	1	4	nw.	C. L. Henderson.
Blue Rapids	Marshall	1,105	4																	M. Norton.
Centralia	Nemaha	1,256	1																	L. E. Hazen.
Chapman	Dickinson	1,113	6	59.6		91	1	18	29	48	0.27		0.27	0.0	1	26	2	3	s.	Dr. R. McShea.
Clay Center	Clay	1,203	9	60.0		90	2†	20	29	49	0.36		0.18	0.0	2	24	3	4	s.	O. L. Slade.
Colby	Thomas	3,138	19	58.0	+ 4.9	92	1	12	28	51	0.03	− 1.07	0.03	0.0	1	24	6	1	s	R. M. Chelf.
Concordia	Cloud	1,398	26	59.4	+ 4.0	88	2	24	28	40	0.37	− 1.63	0.25	T.	2	16	12	3	s.	U. S. Weather Bureau.
Densmore	Norton	2,200	1	60.4		95	15	18	21	57	0.52		0.52	T.	1	19	9	3	s.	F. S. Griffith.
Dresden	Decatur	2,731	16	59.7	+ 4.9	92	15	16	28	53	0.36	− 1.04	0.20	0.0	2	24	5	2	nw.	Jacob Bock.
Ellsworth	Ellsworth	1,537	6	59.4		93	1	16	21†	54	0.33		0.17	0.0	2	22	7	2	s.	Geo. Seitz.
Enterprise	Dickinson	1,144	8	60.9		96	1	19	29	48	0.14	− 2.10	0.10	0.0	2	22	6	3	s.	H. O. Wagner.
Eskridge	Wabaunsee	1,412	4	60.6		90	1	24	28	37	1.72		1.60	T.	3	21	6	4	s.	Geo. D. West.
Farnsworth	Lane	2,850	9	60.4		93	1†	19	28	59	0.06		0.03	0.0	2	25	5	1	s.	C. M. Jennison.
Ft. Scott	Bourbon	857	35	61.2	+ 2.2	93	1	21	29	40	2.25	− 0.34	1.74	0.0	3	26	0	5	se.	E. A. Shaver.
Frankfort	Marshall	1,146	16	58.6	+ 1.0	90	2	23	28	47	0.22	− 2.32	0.22	0.0	1	23	6	2	sw.	E. C. Dunham.
Garnett	Anderson	950	4	60.8		89	1	24	29	31	0.54		0.51	0.0	2	18	9	4	s.	D. D. Judy.
Goodland	Sherman	3,687	3	58.0		91	1†	23	21	53	0.00		0.00	0.0	0	25	4	2	s.	G. C. Calvert.
Gove	Gove	2,750	21	58.5	+ 4.3	95	1	13	28	64	0.05	− 1.21	0.05	0.0	1	26	2	3	s.	Jesse Royer.
Hanover	Washington	1,225	13	59.8		89	2	26	28	41	1.18	− 1.52	1.05	0.0	2	25	2	4	s.	August Jaedicke, jr.
Harrison	Jewell	1,804	9	58.0		88	2†	19	29	52	0.55		0.38	0.0	2	25	6	0	s.	Mahlon Tegley.
Hays	Ellis	2,000	42	59.7	+ 3.5	96	1	22	28	51	0.36	− 1.20	0.29	T.	3	23	6	2	nw.	G. K. Helder.
Hill City	Graham	2,134	2	59.6		93	1	19	20	54	0.28		0.28		1	20	0	11		I. R. Mort.
Horton	Brown	1,188	21	59.4	+ 2.6	86	2	25	29	37	0.70	− 1.44	0.58	T.	2	24	3	4	s.	Mrs. S. C. Belden.
Hoxie	Sheridan	2,700	12																	C. T. Dallam.
Jewell	Jewell	1,540	5	58.0		90	2†	19	21	49	0.18		0.10		2	23	6	2	s.	C. A. Shinn.
Lawrence	Douglas	997	42	59.4	+ 3.9	86	1	22	29	37	0.57	− 2.31	0.57	T.	1	21	6	4	sw.	Prof. H. P. Cady.
Lebanon	Smith	1,812	12	59.7		90	11†	28	29	50	0.72	− 0.73	0.38	T.	2	24	3	4	n.	Earl V. Bower.
Lindsborg	McPherson	1,333	4																	N. S. Weddle.
Mankato	Jewell	1,784	1	59.0		89	15	21	21†	50	0.17		0.13	T.	2	21	9	1	sw.	R. M. Cauthorn.
Minneapolis	Ottawa	1,259	20	60.2	+ 3.4	90	2	21	28	47	0.20	− 1.88	0.10	0.0	2	26	2	3	s.	J. L. Steele.
Moran	Allen	1,098	14	62.0	+ 1.8	90	1	23	29	43	1.27	− 1.09	1.21	0.0	2	26	4	1	sw.	C. J. Norton.
Natoma	Osborne	1,834	1								0.50		0.50	0.0	1	29	0	2	s.	C. O. Hunt.
Norton	Norton	2,284	12	59.8	+ 5.1	91	10	21	28	54	0.10	− 1.58	0.10	T.	1	23	8	0	se.	Sim Sleffel.
Oberlin	Decatur	2,539	23								T.	− 1.24	T.	0.0	0	26	4	1	sw.	I. K. Huber.
Oketo§	Marshall	1,194	2	58.8		90	1	24	28	42	0.96		0.90	T.	2	14	14	3	s.	J. A. Church.
Olathe	Johnson	1,032	15	59.9	+ 2.1	87	3	21	29	38	0.62	− 2.03	0.48	T.	2	25	2	4	se.	Dr. S. B. S. Wilson.
Osage City	Osage	1,081	11	61.2[d]		93	1	20	29	54[d]	0.66	− 1.54	0.52	0.0	2	21	1	4	s.	W. C. White.
Ottawa	Franklin	926	16	59.4	+ 1.7	92	1	20	29	42	0.40	− 2.49	0.37	0.0	2	19	9	3	s.	Herbert F. McDougal.
Phillipsburg	Phillips	1,939	19	60.6	+ 4.8	90	2	22	21†	57	0.74	− 1.00	0.57	0.0	3	22	5	4	se.	N. E. Bailey.
Pleasanton	Linn	862	8	59.0		86	1	22	29	34	1.16		1.01	0.0	2	26	0	5	sw.	B. F. Blaker.
Russell	Russell	1,834	11	59.8	+ 4.5	94	1	21	28	53	0.27	− 1.56	0.27	0.0	1	25	3	3	s.	Robert Brebner.
Russell Springs	Logan			57.8		92	9	10	28	51	T.		T.	0.0	0	25	4	2	nw.	D. J. Hutto.
St. Francis	Cheyenne	3,288	2	58.0		93	10	15	28	62	0.01		0.01	0.0	1	23	7	1	s.	J. E. Uplinger.
Salina	Saline	1,227	26	59.4	+ 0.4	93	2	21	28	45	0.08	− 2.13	0.06	T.	3	20	9	2	s.	Prof. A. W. Jones.
Scott	Scott	2,971	4	58.2		98	8	13	28	61	0.08		0.08	T.	1	22	7	2	s.	J. P. Loughran.
Smith Center	Smith	1,800									0.31		0.31	0.0	1	27	1	3	se.	W. H. Nelson.
Topeka	Shawnee	997	24	60.0	+ 3.7	87	2	26	28	36	1.57	− 0.34	1.51	T.	2	20	7	4	s.	U. S. Weather Bureau.
Valley Falls	Jefferson	913	11	59.4	+ 3.3	87	1†	22	29	41	0.71	− 1.30	0.70	T.	2	24	3	4	se.	Miss Nettie Maxwell.
Vinland§	Douglas	880	1	59.2		88	1	19	29	36	0.36		0.36	T.	1	20	5	6	s.	A. Schick.
Wakeeney	Trego	2,456	27	59.4	+ 4.1	92	1	20	21	51	0.41	− 0.98	0.29	0.0	3	28	0	3	sw.	A. S. Peacock.
Wallace	Wallace	3,303	40	58.2		92	1	13	28	56	0.04	− 0.90	0.04	0.0	1	11	19	1	sw.	M. T. Griggs.
Wamego§	Pottawatomie	1,002	17								1.15	− 0.93	0.60	T.	2	20	6	5	sw.	M. L. Stone.
Missouri.																				
Amoret	Bates	850	1	59.9		90	1	23	29	38	1.11		0.96	0.0	2	22	5	4	s.	Darby Fruit Farm.
Appleton City	St. Clair	853	20	60.9	+ 1.9	93	1	19	29	40	0.90	− 1.41	0.35	0.0	6	21	9	1	n.	T. C. Brown.
Arlington	Phelps	695	20																	George V. Randolph.
Arthur	Vernon	767	18	60.6	+ 4.3	92	1	20	29	44	1.14	− 1.03	0.66	0.0	2	21	7	3	sw.	J. T. Armstrong.
Avalon	Livingston		25	59.6	+ 1.8	89	15†	20	29	42	0.20	− 3.35	0.20	0.0	1	25	2	4	sw.	F. G. Ashbaugh.
Bagnell	Miller	594	15																	W. S. Brockman.
Bethany	Harrison	881	20																	W. H. Skinner.
Bolivar	Polk	1,070	22	60.8	+ 2.6	93	1	17	29	48	3.05	+ 0.34	2.10	0.0	8	22	6	3	sw.	E. Walts.

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

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Missouri—Cont'd.																				
Boonville	Cooper	600	34								0.62	− 2.15	0.28	0.0	5	25	0	6	se.	C. Randecker.
Brunswick§§	Charitan	652	32	59.0	+ 2.6	87	2†	21	29†	49	0.48	− 2.38	0.18	T.	4	23	3	5	nw.	Louis Benecke.
Clinton	Henry	800	24	60.8		89	1	22	29	35	0.76	− 1.68	0.34	0.0	3	25	3	3	s.	Dr. G. W. Menees.
Columbia	Boone	784	21	58.5	+ 3.7	87	2	20	29	37	0.67	− 1.75	0.30	T.	5	24	1	6	s.	U. S. Weather Bureau.
Conception§	Nodaway	982	26	59.0	+ 3.6	87	2	25	29	35	0.56	− 1.95	0.26	T.	4	19	8	4	sw.	Fr. Adhelm Hess.
El Dorado Springs	Cedar	750	5	61.7		93	1	19	29	43	1.24		0.57	0.0	4	22	6	3	sw.	Samuel Graham.
Fairport	De Kalb	920	16								0.27	− 1.95	0.16	T.	2	24	2	5	sw.	J. W. Lincoln.
Fayette§	Howard	725	27	58.7	+ 1.8	86	2	20	29	36	0.41	− 1.99	0.20	T.	3	24	2	5		Prof. T. Berry Smith.
Fulton	Callaway	818	19	58.4	+ 0.8	88	3	19	29	48	1.27	− 1.21	0.65	T.	7	15[b]	10[b]	4[b]		Dr. J. L. Brenneman.
Glasgow	Howard	618	33								0.44	− 2.03	0.24	0.0	2	24	1	6	s.	J. J. Shaughnessy.
Grant City	Worth	1,130	18	57.9		87	2†	19	29	39	1.52	− 1.08	1.30	T.	2	24	3	4	nw.	W. H. Campbell.
Harrisonville§§	Cass	912	38	58.5	+ 2.6	89	1	20	29	39	0.55	− 2.03	0.39	0.0	3	17	4	10	s.	A. J. Sharp.
Hazelhurst	Livingston		17								0.37	− 1.50	0.37	0.0	1					W. H. Baker.
Hermann	Gasconade	482	36								3.32	+ 0.84	1.32	T.	6	15	4	12		C. T. Maushund.
Houston	Texas	1,280	18	57.8	+ 0.8	90	1	16	29	42	3.83	+ 1.54	1.90	T.	4	17	10	4	s.	E. Dempsey.
Huntsville	Randolph	790	8																	F. H. Hammitt.
Jefferson City§§	Cole	628	29	57.0	+ 0.3	89	1	19	29	51	1.33	− 0.85	0.60	0.0	5	25	1	5	s.	Miss Emma Swift.
Kansas City	Jackson	963	21	61.2	+ 5.4	85	2	29	28	37	0.33	− 1.88	0.23	0.0	2	22	5	4	s.	U. S. Weather Bureau.
Kidder§§	Caldwell	1,017	20	59.2	+ 3.3	85	2†	23	29	33	0.33	− 2.31	0.22	T.	2	25	1	5	sw.	J. F. Sharp.
Lamonte	Pettis	863	22	60.5		91	1	20	29	30	0.59	− 1.58	0.28	T.	4	19	4	8	s.	J. R. Wade.
Lebanon	Laclede	1,265	22	58.8	+ 0.4	85	1	22	29	35	3.60	+ 1.01	1.94	0.0	5	22	4	5	s.	M. W. Serl.
Lexington§§	Lafayette	813	28	60.0	+ 2.5	87	2	24	29	43	0.33	− 2.31	0.24	0.0	3	25	0	6	s.	J. W. Keithley.
Liberty	Clay	864	22	60.1	+ 3.0	87	14	23	29	41	0.18	− 2.10	0.18	0.0	1	23[c]	1[c]	4[c]	sw[c].	W. C. Wilmott.
Lockwood	Dade	1,088	16	60.6		91	1	22	29	42	1.29	− 1.70	0.51	T.	4	24	3	4	se.	C. S. Crow.
Marshall	Saline	779	20	59.4	+ 2.6	87	2	19	29	39	0.62	− 1.83	0.38	0.0	2	21[b]	3[b]	5[b]	sw[b].	Dr. W. H. Black.
Marshfield	Webster	1,492	2	60.6		89	1	25	29	38	3.21		1.90	0.0	5	20	7	4	s.	Dr. O. P. Keller.
Maryville§§	Nodaway	1,160	20	56.8	+ 3.4	86	2	22	29	40	2.21	− 0.21	1.94	0.0	4	21	1	9	s.	J. R. Brink.
Mount Vernon	Lawrence	1,480	34	61.0	+ 1.7	94	1	21	29	36	3.02	− 0.30	1.47	0.0	7	24	3	4	sw.	O. L. White.
Nevada	Vernon	860	16								1.36	− 1.08	0.42	0.0	5	26	2	3	sw.	C. Jewell.
Oregon	Holt	1,113	55	56.2	+ 1.3	88	12	20	29	38	0.38	− 2.26	0.26	T.	3	20	6	5	sw.	Tom Curry.
Osceola	St. Clair	738	11																	W. E. Matthews.
Pattonsburg	Daviess										0.25		0.15	0.0	2	22	2	7	sw.	Wm. Burton.
Rolla	Phelps	1,092	29	59.8		88	1	20	29	34	2.35	− 0.04	1.08	T.	7	23	3	5	sw.	Prof. P. J. Wilkins.
St. Charles	St. Charles	614	32	60.8	+ 3.3	88	1	22	29	38	4.73	+ 2.31	3.61	T.	4	26	4	1	s.	L. C. Saeger.
St. Joseph	Buchanan	825	39	59.9		87	2	28	29	34	0.42	− 2.17	0.26	T.	3	18	8	5	s.	U. S. Weather Bureau.
St. Louis	St. Louis	567	39	60.8	+ 2.4	86	2	28	29	30	3.98	+ 1.57	2.82	T.	8	22	5	4	s.	Do.
Sublett	Adair	1,000	30	57.9	+ 2.7	86	18	15	29	38	T.	− 2.76	T.	T.	0	21	8	2	sw.	Lewis Spriggs.
Trenton	Grundy	812	15	58.0	+ 1.9	82	2	22	29	33	0.26	− 2.02	0.18	T.	2	19	8	4	s.	W. H. Estes.
Unionville§§	Putnam	1,072	17	57.8	+ 2.6	86	14	18	29	34	0.34	− 1.69	0.12	T.	3	22	3	6	s.	Geo. W. Davis.
Warrensburg	Johnson	883	32	61.3	+ 3.4	89	1	24	29	39	0.46	− 2.09	0.26	T.	3	25	2	4	s.	A. F. Smithson.
Warrenton§§	Warren	865	20	59.2	+ 3.8	87	1†	22	29	47	3.63	+ 1.13	1.45	0.0	6	19	7	5	s.	Dr. John H. Frick.
Warsaw	Benton	700	6	60.2		94	1	19	29	44	0.99		0.37	0.0	5	23	5	3	sw.	Dr. J. R. Smith.
Wheatland	Hickory	920	18								2.70	+ 0.28	1.45	0.0	4	18	9	4	s.	Mrs. S. A. Jackson.

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

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

Stations.	River basins.	Day of month.																																Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Wyoming.																																		
Barnum	Powder		T.		T.													.55	.45	.45							.05						1.50
Basin	Big Horn																																	
Bennett	North Platte				.09												2.00	1.63															3.72
Big Creek Station	...do																																	
Burns	South Platte																																	
Casper	North Platte																																	
Cheyenne	South Platte														T.		.24	.76	.01	.01							.02						1.04
Chugwater	North Platte																	1.50	.64	.06							T.						2.20
Clark	Clark's Fork		.10		.02														T.	T.							.11					T.	0.23
Cody	Big Horn		T.																.20	T.							T.	T.					0.20
Crystal Lake	South Platte																																	
Dome Lake	Tongue																																	
Douglas	North Platte		.02														.19	.44	.09								.30					.16	1.20
Dubois	Big Horn		.04	.05									.05						.23							T.	T.						0.37
Eaton's Ranch	Tongue		1.33		.13														.20								.10						1.76
Echeta	Powder		.25		T.												.30	.35									.30					.20	1.40
Elk Mountain	North Platte		.12														.18		1.01	.25								.05					1.61
Encampment	...do		.06	T.										T.				1.03	.20	T.							T.						1.29
Ervay	...do		T.															1.10	.38	.43							.19	.26					2.36
Fort Laramie	...do																	.36	.23	T.							T.						0.59
Fox Creek Station	...do		.06		T.												.14	.34		.25								T.					0.79
Gillette	Powder				.23													.42	T.	.12							T.						0.77
Hunters' Station	...do		.09														.44	.14	.18								.24					.18	1.27
Hyattville	Big Horn																																	
Jireh	Niobrara		T.		T.													.31	1.00	.22							.30						1.83
Kirtley	...do																	.17	.28								.31						0.76
Kirwin	Big Horn					.40													.60								.80	.80					2.60
Knowles	Belle Fourche		.27		.06													.10	1.30	.14							.45					.15	2.47
Lander	Big Horn		T.										T.						.17	.07							.13						0.37
Laramie	North Platte													.02	.07		.23	1.30	.13	.04													1.79
Leo	...do		.28														T.	1.32	.43	T.							T.	T.					2.03
Lolobama Ranch	Big Horn									.05											.10												0.15
Lovell	...do	.25												.02					T.								.11					.16	0.54
Lusk	Niobrara																																	
Manville	...do	.16			.03													.46	1.00	.14							.30						2.09
Moorcroft	Belle Fourche																																	
Moore	North Platte		.01												.01		.01	.03	.04	.05													1.05
Newcastle	S. Fork, Cheyenne			T.	T.													.08	.12									T.					0.20
Pathfinder	North Platte		.08															1.89	.60	.02							.24	.04					2.87
Phillips	...do													.10					1.50	T.						T.		T.					1 60
Powell	Big Horn		.19																								.11						0.30
Rawlins	North Platte		T.		.02												T.	.04	.12	.04							T.					T.	1.12
Riverton	Big Horn																																	
Saratoga	North Platte																																	
Sheridan	Tongue		.48		.05													.03	.21	.09							.52					.26	1.64
Shoshone Dam	Big Horn																																	
Soldiers' Home	Powder		.31		.19													T.	.30	.20							.40					T.	1.40
South Pass City	North Platte		.01		.06									.07	T.			.06	.06	.02	T.						T.						0.28
Thermopolis	Big Horn		.69		.02	.04									.05												.30						1.10
Upton	Cheyenne				.06	.09	.16	.75	.25									.01	.07													.65	2.04
Valley	Big Horn				.13														.54								.15					.03	0.85
Verona	Tongue		.55		.03	.03													.49							.50						.47	2.07
Wiant's Ranch	North Platte		T.		.05									T.			.06	1.70	.64								.05						2.50
Wiley	Big Horn																																	
Wyncote	North Platte																.46	T.									.12						0.58
Yellowstone Park	Yellowstone	.04	.22	.16	.16								.30	.13			.15	.15	.01								.11					.06	1.49
(1) Fountain Hotel	Madison				.95									.40				.10	.24								.19						1.88
(2) Grand Canyon	Yellowstone		.10		.80									.74	T.	T.	.12	.09	T.	T.				T	T.	.10						.08	2.03
(3) Lake Hotel	...do		.35		.51									.74				.02	.01														1.63
(4) Norris	...do		T.	T.		.78							.05				T.	.15									.20				T.	T.	1.18
(5) Riverside	Madison				.20																												0.20
(6) Soda Butte	Yellowstone		.33		.37																						.14					.30	1.14
(7) Sylvan Pass	Big Horn				.72													.35														.32	1.39
(8) Thumb	Yellowstone		.29		.71	.16								.51													.15						1.82
(9) Tower Falls	...do				.60								T.																			T.	0.60
(10) Upper Gey. Basin	Madison		T.	T.	.08									T.			.25		T.								.60						0.93
Montana.																																		
Adams	Yellowstone		.10		T.																					.04							0.14
Adel	Missouri	T.		T.	.11													T.	.52	.21						.02	.30					T.	1.16
Agricultural College	Gallatin	T.	.49	.36									T.	.21					.87							.30						.51	2.74
Augusta	Sun																																	
Babb	Milk	.20		.10	.05			.05										.01	.05	.05					T.	.05	.10						0.66
Bald Butte	Missouri	.05		.70	.18													.02	.21	.02					T.	.15	.30					.03	1.66
Big Timber	Yellowstone				.10														.33								.50						0.93
Big Timber Creek	...do				.73														.14						T.	T.	.50					.07	1.44
Billings	...do		.47																.19								.48					.20	1.34
Boulder Nursery	Jefferson	T.	.15	T.	.09									.10				.20	.27	.07						.10	.20					T.	1.18
Bowen	...do		.08	.34	.12												.05	.01									.10					.03	0.73
Bridger	Yellowstone																		.54	.56							.72					.20	2.02
Broadview Exp. Sta	...do		.36																.01								.37						0.74
Busby	...do		.52																.04	.12				.04			.26					.10	1.08
Busteed	...do		.12		.13															.17							.59					.10	1.11
Cabin Creek	Jefferson	T.	T.	.15									.32				T.	.12									.06						0.65
Canyon Ferry	Missouri		.18		.07													.06	.24								.36					.04	0.95
Cascade	...do	T.		T.	T.													.01	.47	.01						.12	.26						0.87
Cataract Creek	Jefferson																																	
Chessman Reservoir	Missouri		.19	.15	.07									.05				.05	.63								.54					.07	1.75
Chester	...do																																	
Chinook	Milk																		.05						.02	.04							0.11
Chouteau	Missouri																																	
Clear Creek	Milk																																	
Clemons	Missouri	.08		.15	.03													.02	.24							.23	.14						0.89
Clyde Park	Yellowstone				.45									.05					.16								.45					.20	1.31
Copper	Musselshell	T.			.50							T.					T.		.20								.24					.05	0.99
Crow Agency	Big Horn		.47																.11	.14				.08			.39					.13	1.32
Culbertson	Missouri																																	
Cut Bank	Marias																		T.	.14						T.							0.14
Decker	Tongue	.50														T.										.30					T.	T.	0.80
Delpine	Musselshell																																	
Denton	Missouri																																	
Dillon	Jefferson		.21	T.	.27									.09		.06	.08	04	.21	.02							.09	02					1.09
Dirty Creek	Musselshell		.03		.40														.02								.39					.25	1.09
Dry Creek	Missouri																																	
Dry Wolf Camp	...do			1.00															.38	.10						.25						1.00	2.73

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

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Montana—Cont'd.																																	
East Gallatin River	Gallatin		.34		.33									.25					.61								.35					.49	2.37
Ekalaka	Little Missouri		.10		.05														.05	.02							.05						0.27
Elkhorn	Jefferson		.16	T.	.20	T.								.06				.11	.43						T.		.20					.01	1.17
Evans	Missouri																																
Fallon	Yellowstone		.13															T.									T.						0.13
Family	Marias	.01																.20								.06	.04						0.31
Fish Creek	Jefferson	.30			.22														.85									T.	T.			T.	1.37
Fishtail Creek	Yellowstone																																
Flathead Creek	do		.59		.69									.02					.40								.23					.71	2.64
Forsyth	do		.18																T.					.10			T.						0.28
Fort Benton	Missouri		T.																	.32							.35						0.67
Fort Shaw	Sun																																
Foster	Big Horn		.16		.29														.05	.05				.04	T.		.34					T.	0.93
Garnell	Musselshell																																
Glendive	Yellowstone																																0.00
Goldbutte	Marias	.01																.01	.24									.02					0.28
Graham	Powder	.15		.14														.01	.50	.08							.26					.03	1.17
Grayling	Madison		.30		.44																												
Great Falls	Missouri		.07		.04														1.03							.21	.31					.01	1.67
Half Moon Pass	Musselshell		.40	.01	.02														.40	.20					.01		.50	.10		.10		.20	1.94
Half Way House	Missouri		.21		.40													.02									.70					.20	1.53
Harlowton	Musselshell																										.54						0.54
Havre	Milk		T.	T.														.04	.04							T.	T.						0.08
Helena	Missouri	.15		.07	.01									T.				.23	.10				T.			.24	.03					.01	0.84
Highwood	do	.04	.06	T.	.06													T.	.85	.06						.45	.25					.07	1.84
Homepark	Jefferson		.17		.22									.07				.56									.20						1.22
Huntley	Yellowstone		.25																.35								.58					.18	1.36
Jones Canyon	Gallatin	.91		.24	.02								.19					.55								.54						.65	3.10
Jordan	Missouri	.10																	.07														0.17
Lewiston	do		.02																.43	.04						T.	.56						1.05
Livingston	Yellowstone		.14		.27														.30								.53					.21	
Lodge Pole Creek	do																																
Lonetree	Missouri																		.50							.35	.25						1.10
Lost Horse Creek	Musselshell	T.	.19	.06	.26														.19					T.	T	T.	.45		T.			.03	1.18
Malta	Milk		.10																.01							T.	.01						0.12
Meadow Creek	Madison																																
Melstone	Musselshell																																
Mildred	Yellowstone		.26															.02	T.						T.	T.	.28					T.	0.56
Miles City	do		.12																.06					T.		.12	.15					.03	0.48
Moore	Missouri	T.																		.40						.50	.45					.30	1.65
Norris	Madison		.40		.04									.18				.01	.65	.20							.20					.12	1 80
Nye	Yellowstone		.12		.34									.03					.55	.60							.60	.05				.03	2.32
Olsen Creek	Jefferson	.51		.42	.25									.09					.26									.33				.08	1.94
Pipestone Pass	do	.41		.10										.25					.40	.25						.53						.15	2.09
Poplar	Missouri		T.																							T.							T.
Raymond	do			T.	T.			T.											T.							.37	T.						0.37
Red Lodge	Yellowstone		.06																1.00	.52							.68	.02				.36	2.64
Reese Creek	Gallatin																																
Renova	Jefferson		.20											.15				.15	.25	.04							.20					.03	1.02
Rimini	Missouri																																
Ryegate	Musselshell		.15		T.																					.60							0.75
Sedan	Yellowstone																																
Springbrook	do		.21		T.	T.													T.								.05						0.26
Stearns	Missouri																				.50						.75						1.25
Three Forks	Madison																																
Tokna	Yellowstone		T.																														T.
Townsend‖‖	Missouri																	*	.10														0.10
Trail Creek	*Yellowstone*		.62		.38									30				.68	.39								.43					.66	3.46
Utica	Missouri				.15														.12	.06							.90					.20	1.43
Valentine	Musselshell		.12																.26								.49						0.87
Virginia City	Jefferson & Madison		.21		.22									T.				.24	.32	T.							T.					.07	1.06
Wall Rock Mountain	Missouri				.60									T.					.07	T.							.32					.06	1.05
Warm Springs Creek	Madison		.33		.14									.07			.01		.70	.01												.13	1.39
Willow Creek	Yellowstone	.22				.42													.47								.45						1.56
Wolf Creek	Missouri		.08	.04	.05																			.27	T.								0.44
Wolf Point	do																																0.00
Woodville	Jefferson		.26	.03	T.									.50				.15	.11								.16						1.21
North Dakota.																																	
Aplin	Knife			.14	.05												T.	.80								T.	T.						0.99
Beach	Little Missouri		.05		.11														.22							.09	.05	.02					0.54
Berthold Agency	Missouri		.10		.20													T.	.13							T.	T.	.03					0.46
Bismarck	do		T.		.01									T.				.01	.73	T.				T.		T.		T.					0.75
Broncho	Knife				.15										T.				.72								.32	.25					1.44
Buford	Missouri		T.		.01																												0.01
Coal Harbor	do																																
Dickinson	Little Missouri		.15	T.	.08													T.	.10	.01						T.	.12	.03				.05	0.54
Edgely	James																		.10	.04							.01	T.					0.15
Epping	Missouri		.05		.04														.04							T.		.04					0.17
Fullerton	James																		.10								T.	T.					0.10
Haley	Grand		.11		.03													T.	.31					T.			.18	T.				.06	0.69
Hettinger	Cannon Ball		.01															.40						T.				T.				.10	0.51
Howard	Missouri		T.		.01	T.	T.																	T.		.02	T.	.17					0.20
Jamestown	James																		.04														0.04
Lamoine	Missouri																		*	.53				T.									0.53
LaMoure	James																		.45														0.45
Mc Henry	do				T.								T.												T.	.34		T.					0.34
Manfred	Sheyenne																	T.	.50	.20					.09		T.						0.79
Marmarth	Little Missouri		.18		.03													T.	.12	.06				T.		T.	.18					.07	0.64
Marstonmoor	James				T.		T.						T.						T.	.17				T.	T.	T.		T.					0.17
Medora	Little Missouri			.42	T.													T.	.30							T.	T.						0.72
Melville	James																		.23							T.		T.					0.23
Mott	Cannon Ball		.18		.10													.08						T.		.26						.32	0.94
Napoleon	Missouri				T.														.25					T.									0.25
New England	Cannon Ball		.20		.20														T.													T.	0.40
New Salem	Heart			.08	.03	T.													1.38					T.			.02	.04					1.55
Orange	Cannon Ball		T.		T.														.10								.10					.06	0.26
Palermo	Missouri																																
Schafer	Little Missouri		.04		.05														.04								T.	T.					0.13
Steele	Missouri																																
Washburn	do			T.	T.														1.41									T.					1.41
Williston	do		.03		.01	T.													T.							T.	T.	T.					0.04
Wishek	do																																
South Dakota.																																	
Aberdeen ‖‖	James					T.								T.					.30	.65							.12		T.				1.07

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

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
South Dakota—Cont'd.																																	
Academy	Missouri																		.28	.08							T.	T.					0.36
Alexandria	James		.65																.35									T.					1.00
Ardmore ‖	Cheyenne																	.40		T.							.50						0.90
Armour	Missouri																																
Belle Fourche	Cheyenne		.19																.20								.18					.06	0.63
Brookings	Big Sioux		T.	.06															.25	.07		T.				T.	T.	T.	T.				0.38
Camp Crook	Little Missouri																																
Canton	Big Sioux	T.		1.13																								T.					1.13
Cascade Springs	Cheyenne														.50			.98	.28								.90						2.66
Castlewood	Big Sioux			T.											T.				.19	.26	T.							T.	T.				0.45
Centerville	Missouri			1.01															.27	T.	T.						T.	.02					1.30
Chamberlain	...do														T.				.54								T.						0.54
Clark	James		.08																.42	.66	T.					T.	T.	T.				T.	1.16
Cottonwood	Missouri			T.											.20				T.								.12	T.					0.32
Crow Creek	...do														.02				.54														0.56
Daviston	Grand																																
Deadwood	Cheyenne		.20		T.													.35	.55	.30							.85					.20	2.45
Deerfield	...do		T.		.02													.18	.20	.02						.10	.02						0.54
De Smet	James		T.															.80	T.								T.	T.					0.80
Dowling	Cheyenne														T.				.26	T.							T.	.10				T.	0.36
Dumont	..do		.06		.05													.06	.58	.32							.41					.06	1.52
Elk Mountain	...do		T.															.07	.19								.06					.08	0.40
Elk Point	Missouri			1.00															.10	T.								T.					1.10
Englewood	Cheyenne																	.05	.25	.30	.20						.40						1.20
Eureka	Missouri				T.															.02							.06	T.				.10	0.18
Faulkton	James				T.															.24							.02	T.					0.26
Flandreau	Big Sioux		.05	.85															.13			.05						T.					1.08
Forestburg	James		T.																.65									T.					0.65
Fort Meade	Cheyenne																	T.	.07								.20	.10				.15	0.52
Frederick ‖	James																																
Ganvalley	Missouri																		.55								T.	T.					0.55
Greenmont	Cheyenne			.18													.24			.85								.32				.35	1.94
Greenwood	Missouri		.51															.40	.13	.01							T.	.02					1.07
Hardy Ranger Station	Cheyenne																																
Harvey's Ranch	...do		T.															.20	.85								.29					T.	1.34
Hermosa	...do		.03														T.	.18									.08					.10	0.39
Highmore	Missouri				T.										T.				.20	.03							.01	T.					0.24
Hill City	Cheyenne		.02																.23								.37						0.62
Hopewell	...do														.03				.70														0.73
Howard	James		.03	T.															.69	.18							T.	T.					0.90
Howell	...do				T.								T.		T.				.25	.20							T.	.01				.01	0.47
Huron	...do												T.					.01	.40	.02						T.	T.	T.				.09	0.52
Ipswich	...do				T.														T.	.15							T.	T.				T.	0.15
Kadoka	White														.88				.12								.09		.01			T.	1.10
Kennebec	Missouri																		.50	.03							.10	T.					0.63
Kidder	James			T.																.25					T.		T.						0.25
Kimball	Missouri														T.				.59	T.						T.	T.	T.					0.59
La Delle	James																																
Lead	Cheyenne		.10		.04												.09		.62	.21							.42					T.	1.48
Lemmon	Grand	T.																T.	.25	.26	.08	T.										.18	0.51
Marion	Missouri			1.01															.23														1.24
Marston	...do																		.19														0.19
Mellette	James				T.														.26	.74				T.		T.	.02	T.					1.02
Menno	...do		.53																.37									.01					0.91
Milbank ‖	Minnesota			T.															T.	2.25	.35						T.	.02	T.				2.62
Mitchell ‖	James		.03															.34	.20														0.57
Murdo	White														.70				.25								.15						1.10
Oelrichs	Cheyenne																	.40	.30								.30	.05					1.05
Orman	...do		.15															.03	.43								.11						0.72
Ottumwa	Missouri																		.33													.07	0.40
Pierre	...do																																
Plankinton	James																	.14	.41								.05	T.					0.60
Pollock	Missouri																			.15								T.				.20	0.35
Rapid City	Cheyenne		T.														.09	.02	.03	.01							.24					.02	0.41
Redfield ‖	James																		.02	1.50												T.	1.52
Rochford	Cheyenne		T.		T.												.18	.20	T.	.18							.14					T.	0.70
Rosebud	White																		.50	T.							.06	.20					0.76
Roslyn	Big Sioux														T.				.40	.45							.04	T.				T.	0.89
Savoy	Cheyenne																																
Selby	Missouri				T.														.12							T.	.09	T.				.02	0.23
Sioux Falls	Big Sioux		.10		.30													T.	.20	T.	T.	.04						T.	T.				0.64
Spearfish	Cheyenne		.20		.03												.05	.63									.43						1.34
Stephan	Missouri														T.				T.	T.							.12	T.					0.12
Tama	Cheyenne		T.																.06								.05	T.				T.	0.11
Vale	...do		.08															T.	.41								.09						0.58
Vermilion	Missouri			1.36													.16		.05	T.	T								T.				1.57
Water's Ranch	Cheyenne		.32		.04													.25	.38	.03							.46					.11	1.59
Watertown	Big Sioux																		1.05									T.					1.05
Wentworth	...do		.40	.08															.24														0.72
White Lake	Missouri																	.27		.82								T.					1.09
Winner	White																																
Yankton	Missouri			.87	.05													T.	.72	T.	T.							T.					1.64
Minnesota.																																	
Pipestone	Big Sioux			.53																	.15	T.	.07					T.					0.75
Colorado.																																	
Akron	Republican													T.					T.									T.					T.
Alma	South Platte																		.27														0.27
Arriba	Republican		.02	.03														.01		.03													0.09
Auldhurst	South Platte		.02												.20		22	.20	.02	.52								T.					1.28
Boreas	...do		.05		.04										.22		.28	.25	.20	.35													1.39
Boulder	...do														.15			.57		.20	.05							.08					1.05
Burlington	Republican		.06																														0.06
Cassells	South Platte					T.									T.	.02	.31	.15	*	.30	.04						T.						0.82
Castle Rock	...do																																
Cheesman	...do		T.												T.	T.	.25		T.	1.25	T.	T.											1.50
Cheyenne Wells	Smoky Hill			T.		T.													T.														T.
Cope	Republican		.40																	.36													0.76
Corona	South Platte																																
Denver	...do		T.									T.		T.	T.		.07	.08	T.	.02							.01	.03					0.21
Edgewater	...do																																
Estes P'k. Fish H'y	...do													.02				.25		.40													0.67
Fort Collins	...do																																
Fort Morgan	...do		T.	T.														.08	T.														0.08
Frances	...do		.01			T									.15			T	T.	.67	.09							T.					0.92

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

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Colorado—Cont'd.																																	
Fry's Ranch	South Platte														.07		.07	.75	.08	.10													1.07
Georgetown	do		T.		.03										.13		.26	T.	.15	.14													0.71
Greeley	do														T.			1.06		T.							T.						1.06
Grover	do		T.															1.19	T.	T.													1.19
Hartsel	do				.02												.21			.03													0.26
Hawthorne	do																	.25		.94								.12					1.31
Holyoke (near)	do																																0.00
Idaho Springs	do				T.										.15		.15		*	.25	.10												0.65
Keota	do																																.....
Kossler	do																																.....
La Porte	do																	.78															0.78
Le Roy (near)	do		.06													.06		T.	.01	T.													0.13
Longmont	do																																.....
Long's Peak (near)	do														.10			.15			1.00												1.25
Moraine	do																																.....
Platte Canon	do																.19			.20	T.							T.					0.39
St. Cloud	do																.48	.22	.05							T.							0.75
Sedgwick	do																		.10														0.10
Sill Mine	do																																.....
Silver Lake	do		.19			.10									.22		.50		1.00														2.01
Spicer (near)	North Platte																																.....
Sterling	South Platte																	.04	.02														0.06
Waterdale	do														T.		T.	.85		.05								.06					0.96
Westlake	do																																.....
Wray	Republican		.05																														0.05
Yuma	do		.23																T.														0.23
Nebraska.																																	
Ainsworth	Niobrara																	.15	.27	T.							T.	T.					0.42
Albion	Loup		1.38																	.17								T.					1.55
Alliance	North Platte																		T.	T.							.20	T.					0.20
Alma	Republican		.03	.63														.02															0.68
Anoka	Niobrara																		.35	T.								T.					0.35
Ashland	Platte			.84		T.													.04		T.							T.					0.88
Atkinson	Elkhorn																		.20														0.20
Auburn	Little Nemaha			.17															.31									T.					0.48
Beatrice	Blue			.64															.16														0.80
Beaver City	Republican		T.	.12																													0.12
Bellevue	Missouri			.68															.14		.01	.02						T.					0.85
Blair	do			.91		T.													.04		T.	.06						T.					1.01
Bloomfield	do		1.02																.40	T.								T.					1.42
Bridgeport	North Platte																		T.								.02						0.02
Brokenbow	Loup																		.18														0.18
Burge	Niobrara																		T.					.25			T.						0.25
Callaway	Loup																																.....
Cambridge	Republican			.20														.06		T.													0.26
Canton (near)	North Platte																																.....
Columbus	Loup			1.32															.23	.04													1.59
Creighton	Missouri		.80															.40	.60	.02								T.					1.82
Crete	Blue			.90																.20													1.10
Culbertson	Republican																																0.00
Curtis	do																																0.00
David City	Blue			.95															.18	T.	T.							T.					1.13
Dawson	Great Nemaha																																.....
Elsie	Republican			T.						T					T.															T.			T.
Enderslake	Loup																																.....
Ewing	Elkhorn			.39															.23														0.62
Fairbury	Blue		.53															.18	T.	T.													0.71
Fairmont	do			.78															.07	T.	T.												0.85
Fort Robinson	Niobrara																		.31	.20	.06							.33					0.90
Franklin	Republican		.58			T.													.54														1.12
Fremont	Platte			.90															.16			T.					T.						1.06
Fullerton	Loup			2.00	T.	T.																					T.	T.					2.00
Geneva	Blue																		.12	T.	T.							T.					0.12
Genoa	Loup			1.70															.25	T.	T							T.					1.95
Gordon	Niobrara																			T.													T.
Gosper	Republican		.10																														0.10
Gothenberg	Platte		T.																.80														0.80
Grand Island	do			1.20															.25										T.				1.45
Grant	Republican																	T.	T.	.02							T.						0.02
Greeley	Loup		1.03															.13	.06									.03					1.25
Halsey	do	.35																															0.35
Hartington	Missouri			1.48															.16		T.							T.					1.64
Harvard	Blue			.97															.24	.14								T.					1.35
Hastings	do			.98															.35														1.33
Hayes Center	Republican																	.01															0.01
Hay Springs	Niobrara		T.		T.														T.	T.							.20						0.20
Hebron	Blue			.59		T.													.07									T.					0.66
Hemingford	Niobrara																		.13	.14	.02							.12					0.41
Hillside	North Platte																		.06								T.	T.					0.06
Holdredge	Republican			1.30																													1.30
Hooper	Elkhorn			.51															.16									T.					0.67
Imperial	Republican		T.																								T.						T.
Kearney	Platte			.73														.01									T.						0.74
Kimball	South Platte																		T.	T.							T.						T.
Kirkwood	Niobrara																		.49	T.							.05	T.					0.54
Kowanda	North Platte																			.06													0.06
Lexington	Platte		.46															T.															0.46
Lincoln	do		.11	1.04															.05	T.	T.	.01						T					1.21
Lodgepole	South Platte																											T.					T.
Loup	Loup				.70														.15														0.85
Loyal	do																	.36															0.36
Mc Cook	Republican		.17																														0.17
Madison	Elkhorn			1.42															.35									T.					1.77
Marquette	Platte			1.67															.26	.01									T.				1.94
Mason City	Loup																																0.00
Minden	Blue		.72	.63														.48		.01	T.												1.84
Mitchell	North Platte																		.18								.13						0.31
Nebraska City	Missouri			.30															.45		T.							T.					0.75
Norfolk	Elkhorn			.70															.13								T						0.83
North Loup	Loup			.65															.08	T.								T.					0.73
North Platte	Platte		T.															T.	.01														0.01
Oakdale	Elkhorn		1.02															.07	.03	T.								.01					1.13
Omaha	Missouri		.04	.60		T.													.07	T.	T.							.01					0.72
Ord	Loup			.67															.10	.31													1.08

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

Stations.	River basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Nebraska—Cont'd.																																	
Palisade	Republican																																0.00
Pawnee City	Great Nemaha			.10															.30									T.					0.40
Paxton	South Platte																																0.00
Plymouth ‖	Blue			.52															.24														0.76
Purdum	Loup																		.06								.02	T.					0.08
Ravenna	...do			.69															.03	T.								T.					0.72
Redcloud	Republican			.89		T.												T.	.29	T.	T.							T.					1.18
Saint Libory	Loup		.90															.22		T.													1.12
Saint Paul	...do		.95															.48	T.									T.					1.43
Santee	Missouri		.60																.70													T.	1.30
Sargent ‖	Loup																		.15														0.15
Schuyler	Platte			1.28															.14			T.						T.					1.42
Scottsbluff	North Platte				T.														.05								.12						0.17
Seward ‖	Blue		1.00															.25										T.					1.25
Sheridan	Loup		.49																.57									T.					1.06
Sidney	South Platte		.03																.01	T.								T.					0.04
Springview	Niobrara												T.						.18	T.							T.	T.					0.18
Stanton	Elkhorn																		.35														0.35
Stratton ‖	Republican																																0.00
Superior ‖	...do		.60																.20														0.80
Tecumseh	Great Nemaha			.60																.29													0.89
Tekamah	Missouri			1.05															.04														1.09
Tobias	Blue			.56															.10		T.							T.					0.66
Turlington	Little Nemaha			.56															.19	T	T.	.03						T					0.78
Valentine	Niobrara														T.				.13								.02	.02				.03	0.20
Wahoo	Platte		.85																.12														0.97
Wakefield	Elkhorn			.85																.15	.02							T.					1.02
Walthill ‖	Missouri																																
Watertown	Platte								.30									.24															0.54
Wauneta	Republican																																0.00
Weepingwater	Missouri			.70															.11	T.	.04	.04						T.					0.89
Wellfleet (near)	Republican																																
Westpoint	Elkhorn			1.21															.20									T.					1.41
Wisner	...do			1.25															.27									T.					1.52
York	Blue			.72		T.													.15	T.								T.					0.87
Iowa.																																	
Afton	Grand			.90															.12		.11							T.	T.				1.13
Allerton	Chariton			.08		T.														T.	.04	T.						T.	T.				0.12
Alton	Floyd			.57															.01	.10	.01	.09						T.					0.78
Atlantic	Nishnabotna			.46															.61		.05	.03						T.					1.15
Audubon	...do			.25																.60	.08							T.					0.93
Bedford	Missouri			1.13		T.													.14		.10	T.						T.					1.37
Centerville	Chariton			.05																	.10		T.	T.									0.15
Chariton	...do			T.		T.															T.	T.						T.					T.
Clarinda ‖	Nodaway			.51	.28															.59		.17						T					1.55
Corning	...do			.74															.82	T.	.15							T.					1.71
Corydon	Chariton			.07		.02													T.		.05							T.	T.				0.14
Council Bluffs	Missouri			.73		T.													.16		T.	.08						T.					0.97
Creston ‖	...do			.06	.96															.30		.10						T.	T.				1.42
Cumberland	Nodaway			.18															1.18	.06	.14	T.						T.					1.56
Denison	Missouri			.30															.31	.60	.05	.08						T.					1.34
Elliott	Nishnabotna																		.75		.08							T.					0.83
Greenfield	Nodaway			.70															.56		.15	T.					T.	T.					1.41
Harlan	Nishnabotno			.39		T.													.48	T.	.07	.05					T.	T.	T.				0.99
Hopeville	Grand			.31															.06		T.	T.						T.					0.37
Inwood	Big Sioux			1.18															.10	T	.08	.10						T.					1.46
Lamoni	Grand			T.	.15														.04	.01	.06	.01						T.					0.27
Larrabee	Little Sioux		*	.64																	.05							.10					0.79
Le Mars	Floyd		.02	.60															.03	.13	T.	T.						T.					0.78
Lenox	Missouri			1.00															.15	.10	.10							T.					1.35
Leon	Grand			.15		T.														T.	T.												0.15
Little Sioux	Little Sioux			.88															.04			.09						T.					1.01
Logan	Missouri			.73		T.													.13	.04	.01	.11						T.					1.02
Massena	Nodaway																																
Mount Ayr	Grand			.35		T.													.08	.02	.12							.02	T.				0.59
Odebolt	Missouri			.32															.23		.02	.04											0.61
Onawa	...do			.95															.05			.08						T.					1.08
Pacific Junction	...do			.63															.33		.08	T.						T.					1.04
Rock Rapids	Big Sioux																		T.	.15	.05											T.	0.20
Sheldon	Floyd			.55																T.	T.	.03						T.					0.58
Sibley ‖	Big Sioux		.04	.70																.04		.09							T.				0.87
Sioux Center	Floyd			.90															.02														0.92
Sioux City	Missouri		.26	.44															.07	T.	T.	.07						T.					0.84
Thurman	...do			.42															.38		.12	T.						T.					0.92
Washta	Little Sioux			.85															T.	T.	T.	.05											0.90
Woodburn	Chariton			.50		T.													T.	.05	.01	T.						T.	T.				0.56
Kansas.																																	
Abilene ‖	Smoky Hill																																
Agricultural College	Kansas			.65															.25		T.							T.					0.90
Alton	Solomon			.12		T.									T.				.35		T.												0.47
Atchison	Missouri			.40		T.													.10		T.							T.					0.50
Baker ‖	...do																		.48														0.48
Beloit ‖	Solomon																																
Blakeman	Republican		.04																														0.04
Blue Rapids ‖	Blue																																
Centralia	...do																																
Chapman	Smoky Hill																		.27														0.27
Clay Center	Republican			.18															.18														0.36
Colby	...do		.03			T.												T.															0.03
Concordia	...do			.25		T.													.12									T.					0.37
Densmore	Solomon		.52															T.	T.			T.											0.52
Dresden ‖	Republican		T.	.20														.16															0.36
Ellsworth	Smoky Hill			.17		T.							T.						.16														0.33
Enterprise	...do			.04									T.						.10			T.											0.14
Eskridge	Kansas			1.60															.10		.02							T.					1.72
Farnsworth	Smoky Hill			.03														.03															0.06
Ft. Scott ‖	Marmaton			1.74	.26	T.															.25							T.					2.25
Frankfort	Blue																		.22		T.												0.22
Garnett	Marias de Cygnes			.51		T.															.03												0.54
Goodland	Smoky Hill																																0.00
Gove	Blue		.05																T.														0.05
Hanover	...do			1.05		T.													.13														1.18
Harrison	Republican			.38		T.													.17														0.55
Hays ‖	Smoky Hill			.04		.03													.29	T													0.36

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

Stations.	River basins.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Kansas—Cont'd.																																	
Hill City	Solomon		.28																														
Horton	Kansas			.58		T													.12		T.							T.					0.70
Hoxie	Solomon																																
Jewel	Republican			.08															.10														0.18
Lawrence	Kansas			.57		T.													T.									T.					0.57
Lebanon	Solomon		.34																.38			T.											0.72
Lindsborg ‖	Smoky Hill																																
Mankato	Republican			.04															.13									T.					0.17
Minneapolis	Solomon			.10		T								T	T.				.10														0.20
Moran	Marmaton			1.21		T.														T.	.06												1.27
Natoma	Saline																		.50														0.50
Norton	Republican		.10																T.	T.	T.												0.10
Oberlin	...do			T.																													T.
Oketo	Blue			.90															.06		T.							T.					0.96
Olathe	Kansas			.48		T.															.14							T.					0.62
Osage City ‖	Marias de Cygnes			.52		T.													T.	.14	T.												0.66
Ottawa	...do			.37	.03																												0.40
Phillipsburg	Solomon			.57		.01												T.	.16	T.													0.74
Pleasanton	Marias de Cygnes			1.01																	.15												1.16
Russell	Smoky Hill			T.															.27		T.												0.27
Russell Springs	...do																	T.															T.
Saint Francis	Republican			.01														T.	T.														0.01
Salina	Smoky Hill		T.			.01							.01	T.	T.				.06		T.												0.08
Scott	White Woman		T.	.08														T.			T.												0.08
Smith Center	Solomon																	.31															0.31
Topeka	Kansas			1.51		T.													.06		T.							T.					1.57
Valley Falls	...do			.70																.01	T.							T.					0.71
Vinland	...do			.36		T.													T.									T					0.36
Wakeeney	Smoky Hill		.29	.07		T												.05															0.41
Wallace	...do			.04																													0.04
Wamego	Kansas			.55															.60		T.							T.					1.15
Missouri.																																	
Amoret	Osage			.96	T.	T.														T.	.15						T.	T.					1.11
Appleton City	...do			.35	.02	.04								.05							.35	.09											0.90
Arlington ‖	Gasconade																																
Arthur	Osage			.66	T.																.48												1.14
Avalon	Grand																				.20												0.20
Bagnell ‖	Osage																																
Bethany	Grand																																
Bolivar	Osage			.20	.10	2.10	.10													.06	.30	.15						.04					3.05
Boonville ‖	Missouri				.28		.04														.12	.14	.04										0.62
Brunswick ‖	Grand				.18	.03														.16	.11								T.				0.48
Clinton	Osage			.34																T.	.32	.10											0.76
Columbia	Missouri			.11		.09														.01	.16	.30					T.	T.	T.				0.67
Conception	...do			.26		T													.12	.04	.14							T.					0.56
El Dorado Springs	Osage			.57		.06															.40	.21						T.					1.24
Fairport	Grand			.11																	.16							T.					0.27
Fayette	Missouri			.13		T.														T.	.08	.20							T.				0.41
Fulton	...do				.65	.02	.14													T.	.25	.14	.01					.06		T.			1.27
Glasgow ‖	...do																				.24	.20					T.						0.44
Grant City	Grand			1.30		T.													T.	T	.22	T.						T.					1.52
Harrisonville ‖	Osage				.39	T.	T.														.01	.15											0.55
Hazelhurst	Grand			.37																T.	T.												0.37
Hermann ‖	Missouri				.72	1.32	.92														.26	.06						.04		T.			3.32
Houston	Gasconade				1.41	1.90	.35							T.														.17	T.				3.83
Huntsville	Chariton																																
Jefferson City ‖	Missouri				.60		.21														.26	.18	T.					.08					1.33
Kansas City	...do			.23																	.10												0.33
Kidder ‖	Grand			.22																		.11						T.					0.33
Lamonte	Missouri			.24		T.	.06														.28	.01					T.	T.					0.59
Lebanon	Osage			.80		1.94								.04							.64						.18						3.60
Lexington ‖	Missouri				.24		.04															.05											0.33
Liberty	...do			.18		T.																											0.18
Lockwood	Osage			.39		.28							T.								.51							.11					1.29
Marshall	Missouri			.24																	.38												0.62
Marshfield	Osage			.48		1.90									.08						.70	.05											3.21
Maryville ‖	Missouri			1.94	.07															.10		.10											2.21
Mount Vernon	Osage			.59	T.	1.47							.10							.04	.38	.16						.28					3.02
Nevada	...do			.69		.04														T.	.42	.14						.07					1.36
Oregon	Missouri			.26															.07		.05							T.					0.38
Osceola ‖	Osage																																
Pattonsburg ‖	Grand				.10		T.														.15							T.					0.25
Rolla	Gasconade			.63	.44	.86	.22														.03	12						.05	T.				2.35
St. Charles	Missouri				.90	3.61																.14						.08	T.				4.73
St. Joseph	...do			.26		T.													.02		.14	T.						T					0.42
St. Louis	Mississippi			.88	.06	2.65	.18														.02	.15					.03	.01	T				3.98
Sublett	Charitan					T.																						T.					T.
Trenton ‖	Grand			.18		T.													T		.08							T.					0.26
Unionville ‖	Charitan				.12			.10												T.		.12							T.				0.34
Warrensburg	Missouri			.15	.05	T.														T.	.26							T.					0.46
Warrenton ‖	...do				.84	1.45	1.16														.05	.09						.04					3.63
Warsaw	Osage					.37														.13	.21	.19						.09					0.99
Wheatland	...do				.20	1.45															.95	.10											2.70

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

Date.	Wyoming.																Montana.											
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewiston.		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	.....	.....	78	39	80	43	77	42	81	45	76	44	80	42	68	42	88	43	77	36	67	45	65	45	75	45	71	40
2	.....	.....	62	39	69	40	61	33	61	36	73	36	62	38	46	33	61	41	65	29	60	42	52	38	67	40	67	36
3	.....	.....	67	32	73	29	68	29	72	28	66	33	69	34	52	32	71	34	62	29	68	42	58	38	.....	.....	72	31
4	.....	.....	61	45	65	36	62	40	60	38	62	43	61	40	42	30	62	40	63	27	54	38	51	38	.....	.....	64	35
5	.....	.....	58	37	66	29	61	25	60	28	60	28	62	30	48	28	67	30	63	26	65	37	59	41	.....	.....	64	28
6	.....	.....	69	34	77	25	71	29	65	32	71	33	74	29	59	33	78	32	71	30	76	42	73	41	.....	.....	73	35
7	.....	.....	78	45	90	33	78	35	82	40	75	42	79	36	64	40	81	43	74	31	63	53	68	50	76	49	69	42
8	.....	.....	80	45	85	40	78	39	84	45	79	41	79	38	71	43	87	39	80	33	87	40	82	41	80	54	85	40
9	.....	.....	85	39	90	36	78	35	85	50	79	38	86	38	73	40	91	39	81	33	88	39	84	46	79	44	90	39
10	.....	.....	83	42	90	31	80	34	88	50	83	33	87	36	75	41	87	39	82	30	68	37	70	44	80	32	81	41
11	.....	.....	75	37	85	32	72	37	89	52	83	38	74	37	67	37	71	38	76	31	61	36	56	42	55	32	68	38
12	.....	.....	75	45	84	30	74	45	90	54	72	47	62	41	57	38	67	38	70	29	58	37	54	43	74	45	58	36
13	.....	.....	68	43	78	41	67	35	80	49	68	40	64	36	48	32	71	43	74	29	60	26	62	42	67	41	59	29
14	.....	.....	67	43	73	39	66	33	78	45	65	37	72	32	59	29	72	32	73	31	71	41	63	38	69	32	71	31
15	.....	.....	74	36	80	33	67	33	70	42	72	34	74	32	60	31	78	32	76	30	77	47	65	37	70	32	78	40
16	.....	.....	74	42	82	35	69	42	74	42	71	30	72	35	65	38	80	34	78	36	72	43	60	37	75	37	75	39
17	.....	.....	49	39	60	39	56	42	65	44	71	40	58	47	56	35	71	43	76	35	68	44	61	47	60	35	68	35
18	.....	.....	45	32	48	39	49	35	50	38	44	37	51	34	46	32	49	43	74	30	46	33	48	35	47	32	60	40
19	.....	.....	32	24	42	33	39	24	40	32	41	25	41	22	38	22	49	30	70	27	51	25	47	30	59	29	47	20
20	.....	.....	40	18	49	19	43	18	49	14	38	18	55	17	52	20	56	19	68	29	61	18	52	25	68	20	63	25
21	.....	.....	53	33	59	21	58	22	48	18	49	29	60	27	57	25	64	27	70	28	63	26	61	31	73	25	65	27
22	.....	.....	66	35	72	28	63	24	50	18	60	37	67	24	55	30	70	36	74	27	69	45	63	34	63	30	72	25
23	.....	.....	59	35	61	30	63	33	58	28	60	36	56	34	53	33	65	38	75	30	58	35	55	38	76	25	64	32
24	.....	.....	63	36	69	31	67	37	62	32	62	37	63	31	56	40	68	31	74	29	60	42	64	44	59	38	67	35
25	.....	.....	69	45	71	32	71	30	50	28	65	39	73	33	59	38	76	41	75	28	57	39	63	42	67	32	65	40
26	.....	.....	53	22	45	42	62	24	46	24	65	32	45	28	43	16	39	31	58	26	40	23	42	22	34	20	45	35
27	.....	.....	30	17	37	28	35	19	32	20	52	14	35	18	38	12	41	22	60	29	40	20	38	17	37	10	43	17
28	.....	.....	56	16	59	14	50	16	38	20	52	15	55	16	54	20	54	24	52	20	62	14	50	24	64	7	64	13
29	.....	.....	67	38	75	19	68	22	45	24	66	38	76	27	56	31	70	35	65	26	64	36	66	32	69	40	68	33
30	.....	.....	65	41	71	38	63	25	56	30	60	38	67	26	57	26	68	26	66	30	53	32	62	37	60	38	53	25
31	.....	.....	62	37	68	25	62	27	54	32	55	34	48	30	45	30	48	35	64	25	50	33	49	41	67	39	50	30
Mns	.....	.....	63.3	35.8	69.5	31.9	63.8	31.1	63.3	34.8	64.4	34.4	64.7	31.9	55.6	31.6	67.7	34.8	70.5	29.3	62.5	35.8	59.5	37.4	65.6[d]	33.4[d]	65.8	32.6

Date.	Montana.				North Dakota.										South Dakota.													
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		Jamestown.		Williston.		Aberdeen.[f]		Chamberlain.		Huron.		Kadoka.		Lemmon.		Pierre.		Rapid City.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	80	50	82	39	.....	.....	77	38	78	41	68	35	77	36	74	38	90	52	78	41	86	47	76	45	.....	.....	84	53
2	56	52	68	47	.....	.....	70	46	63	41	74	48	58	38	92	39	91	54	94	54	77	49	62	45	.....	.....	68	45
3	72	40	71	31	72	29	69	38	66	32	72	38	70	34	72	40	75	42	68	46	72	39	67	34	.....	.....	70	41
4	62	51	64	47	65	40	59	45	61	40	58	32	62	40	79	42	82	55	82	49	71	48	60	45	.....	.....	71	46
5	66	38	62	25	64	39	62	32	63	30	49	30	61	30	64	42	66	40	64	41	66	36	62	31	.....	.....	65	40
6	78	40	76	45	73	24	72	34	70	35	64	35	73	36	68	29	.....	.....	75	34	72	38	70	40	.....	.....	73	45
7	80	48	72	45	72	45	80	46	79	43	75	46	74	44	87	35	.....	.....	85	41	84	38	80	44	.....	.....	82	54
8	83	47	82	34	78	29	73	47	77	43	70	39	77	35	80	40	.....	.....	75	48	77	43	73	47	.....	.....	76	49
9	88	52	92	43	92	47	83	53	90	42	69	43	89	49	86	44	.....	.....	77	41	97	49	83	46	.....	.....	87	46
10	85	46	85	39	93	34	91	41	90	41	72	38	90	34	90	43	90	56	89	46	95	47	87	46	.....	.....	84	52
11	75	44	71	39	78	35	73	43	71	42	70	44	63	36	89	40	95	57	91	45	94	49	86	45	.....	.....	88	53
12	70	46	59	36	67	49	74	43	66	36	61	45	56	40	86	43	86	51	85	48	89	51	73	40	.....	.....	73	46
13	68	37	57	29	59	33	56	39	58	36	66	34	52	33	75	45	82	47	71	44	60	50	59	35	.....	.....	62	41
14	74	40	70	30	80	28	74	31	76	31	72	32	76	33	72	41	75	44	72	39	70	48	73	35	.....	.....	72	46
15	78	38	76	37	78	35	79	42	77	36	75	45	74	44	86	42	82	52	83	51	80	50	78	45	.....	.....	77	52
16	75	40	82	34	82	30	84	36	78	.....	71	36	80	36	92	40	90	47	92	46	86	51	82	45	.....	.....	82	49
17	64	50	73	40	73	44	79	46	66	.....	72	45	72	39	90	58	93	50	86	57	78	51	75	52	.....	.....	70	51
18	50	42	60	38	63	37	55	37	52	37	68	38	48	37	67	55	80	45	66	41	68	38	61	36	.....	.....	55	36
19	44	32	63	28	45	31	40	26	43	28	57	30	45	17	40	38	64	36	41	36	40	32	39	32	.....	.....	36	29
20	59	24	60	12	56	6	48	20	55	7	36	20	57	14	44	22	47	30	36	26	51	20	50	16	.....	.....	49	25
21	62	34	61	32	60	21	60	25	44	22	49	16	60	25	60	18	58	18	54	23	59	22	60	22	.....	.....	58	31
22	72	34	71	24	74	20	68	27	73	21	56	22	70	22	60	21	65	28	68	29	72	32	70	29	.....	.....	69	38
33	65	43	61	37	61	31	58	35	50	33	60	36	58	34	65	28	68	32	69	32	64	33	60	36	.....	.....	60	36
24	63	40	53	46	61	34	60	35	53	35	48	27	60	40	64	33	68	34	61	33	66	31	55	34	.....	.....	64	39
25	70	42	51	41	62	33	69	34	72	31	54	30	55	35	73	33	70	38	74	35	80	36	73	37	.....	.....	76	44
26	42	32	44	33	50	30	49	30	59	30	45	29	42	31	62	38	78	40	51	38	46	34	55	34	.....	.....	49	29
27	44	30	39	24	34	25	32	27	38	23	39	28	35	16	37	28	.....	24	38	29	39	27	36	26	.....	.....	33	28
28	56	22	55	12	47	5	39	17	52	18	38	20	49	13	40	20	.....	17	40	21	46	17	48	11	.....	.....	47	21
29	73	32	69	32	74	29	71	28	.....	.....	62	24	70	30	60	20	.....	23	61	25	75	27	73	28	.....	.....	77	31
30	65	30	63	31	65	30	55	31	58	21	60	32	41	35	60	28	.....	24	63	33	70	35	56	32	.....	.....	67	41
31	50	36	43	23	47	19	42	25	50	34	44	25	42	19	48	30	.....	26	58	29	55	32	37	32	.....	.....	52	37
Mns	66.7	39.7	65.6	34.0	66.4[b]	30.8[b]	64.5	35.4	64.3[a]	32.5[c]	60.5	33.6	62.5	32.4	69.7	35.9	77.0[i]	39.3[d]	69.3	38.7	70.5	38.7	65.1	36.3	.....	.....	66.9	41.1

TABLE 3.—*Maximum and minimum temperatures at selected stations, October, 1910. District No. 6*—Continued.

Date.	South Dakota.						Colorado.				Nebraska.																	
	Sioux Falls.		Watertown.		Yankton.		Denver.		Wray.		Alma.		Bridgeport.		Grand Island.		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1...	84	42	76	38	77	44	82	47	89	39	86	52	85	37	78	51	85	40	80	55	78	52	85	44	76	40	79	57
2...	90	50	71	42	88	56	72	44	83	52	89	64	75	34	88	64	72	38	87	65	88	64	86	52	87	59	88	64
3...	80	50	68	45	67	50	72	36	69	36	74	50	73	26	70	50	72	25	65	51	67	51	70	37	64	48	68	54
4...	78	39	80	45	78	49	74	50	83	42	70	50	68	35	82	48	67	40	79	45	77	48	80	44	75	47	77	52
5...	80	35	60	42	63	43	66	43	67	46	80	45	65	38	65	50	63	30	60	48	62	45	67	36	63	39	61	51
6...	82	42	72	33	74	38	75	40	77	35	79	33	75	25	75	36	75	27	72	36	72	42	75	28	71	33	70	46
7...	83	50	81	39	78	53	84	48	92	40	79	36	.....	.....	76	42	84	40	75	46	75	50	90	38	75	46	73	50
8...	85	53	72	46	73	43	85	47	85	42	81	42	85	29	74	42	83	45	75	46	75	50	84	41	72	38	72	51
9...	83	57	76	45	75	44	87	47	92	35	84	40	89	41	79	46	90	40	78	44	76	46	85	38	74	38	75	54
10...	82	55	86	47	88	54	89	50	92	42	88	42	90	30	85	47	94	31	81	47	81	53	93	43	83	46	80	54
11...	90	50	87	44	91	59	77	48	83	45	85	42	88	37	84	45	85	30	82	47	84	54	86	41	84	45	84	54
12...	85	55	72	44	82	54	81	48	82	48	81	56	85	39	82	54	87	47	81	53	82	54	82	57	79	49	81	58
13...	75	43	71	51	74	56	75	48	85	42	81	52	80	37	80	52	80	35	76	55	80	58	83	47	78	58	80	60
14...	76	42	72	43	73	47	71	46	81	45	81	52	.....	.....	82	53	77	44	77	53	83	55	80	52	79	48	80	59
15...	90	58	85	50	87	56	82	48	87	45	87	54	82	40	86	56	85	40	83	51	85	55	88	50	84	52	84	62
16...	89	57	88	43	90	51	81	54	86	42	87	57	85	41	90	60	85	40	85	54	87	60	89	57	86	48	85	60
17...	85	54	85	52	83	63	64	45	75	54	86	56	75	44	84	52	71	42	82	54	82	60	78	52	83	57	82	60
18...	72	50	71	49	70	43	53	41	60	42	68	55	54	44	75	60	53	37	74	58	72	50	61	41	68	44	69	52
19...	60	35	50	34	43	36	41	28	47	37	48	42	45	31	54	39	40	31	58	42	50	39	45	33	44	35	52	40
20...	37	35	36	30	37	34	42	26	40	22	42	34	48	16	38	34	47	14	42	36	40	37	49	23	35	33	41	36
21...	38	30	47	29	50	30	64	28	68	18	63	18	62	14	60	21	60	15	58	24	56	34	66	17	54	20	53	36
22...	65	34	61	27	69	34	72	33	76	25	70	26	72	18	74	29	73	19	68	30	70	35	74	27	68	26	69	37
23...	74	40	71	34	71	34	67	38	78	28	81	30	62	20	80	36	64	26	77	38	78	45	75	29	77	29	77	46
24...	68	34	59	30	66	39	73	39	76	30	79	32	70	25	74	32	65	25	78	36	71	40	74	30	70	30	68	43
25...	50	32	64	30	72	42	76	46	83	39	82	32	77	25	74	38	74	28	72	34	70	44	81	31	71	37	67	46
26...	51	31	52	37	59	40	64	31	61	39	60	34	48	28	68	44	48	32	63	47	62	42	55	32	51	38	60	44
27...	39	28	39	25	42	30	35	24	44	30	45	33	37	20	48	30	34	22	47	34	44	31	42	21	42	26	44	31
28...	36	20	37	20	39	24	57	19	54	14	46	18	53	7	42	21	48	10	41	23	40	26	48	12	40	19	40	27
29...	50	28	52	21	60	29	74	38	81	26	67	30	76	16	65	26	70	21	64	23	60	29	78	22	61	24	56	30
30...	72	40	64	30	66	39	74	40	76	30	80	32	70	20	75	35	73	26	75	32	70	41	75	30	66	32	70	45
31...	69	44	52	32	70	34	68	38	75	30	78	30	71	21	80	30	72	25	73	30	67	35	75	30	71	27	65	40
Mns	70.9	42.4	66.4	37.9	69.5	43.5	70.2	40.6	75.1	36.8	74.4	40.9	70.5[b]	28.9[b]	73.1	42.7	70.2	31.1	71.2	43.1	70.5	46.0	74.2	36.6	68.7	39.1	69.4	48.4

Date.	Valentine, Nebr.		Iowa.						Kansas.										Missouri.							
			Clarinda.§§		Sibley.§§		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville.§§	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	84	45	78	52	77	42	76	47	92	40	83	59	91	55	87	63	92	48	81	63	80	67	86	69	82	50
2.....	84	49	88	52	86	43	87	57	85	63	88	69	93	68	87	69	86	66	87	62	85	67	86	62	85	56
3.....	71	34	60	58	73	48	65	51	76	38	73	52	68	53	76	54	77	47	72	63	73	58	81	64	78	66
4.....	81	46	70	42	69	42	75	48	88	49	82	50	82	43	76	48	88	44	80	62	77	53	79	63	73	57
5.....	64	35	58	42	59	45	62	43	68	44	64	41	68	46	65	46	68	48	76	52	66	53	72	52	74	50
6.....	74	32	70	35	71	32	73	35	77	37	77	41	77	34	69	42	77	38	65	44	69	45	63	50	70	40
7.....	86	46	61	36	74	33	73	48	87	40	77	52	78	48	72	46	87	38	67	40	71	51	63	48	72	38
8.....	76	46	70	41	70	44	73	49	87	46	84	49	85	54	79	46	86	44	73	39	77	49	68	48	76	41
9.....	86	48	74	42	75	43	73	44	90	39	80	46	82	50	77	49	88	40	74	44	75	53	70	54	74	42
10.....	95	43	76	44	82	43	81	52	90	44	85	49	82	44	79	51	88	45	72	43	77	53	68	48	73	44
11.....	89	51	84	45	88	49	87	53	81	44	84	52	86	49	83	51	83	49	78	49	81	56	74	54	81	46
12.....	82	54	85	46	84	48	81	54	80	53	82	58	84	53	80	54	82	54	79	49	80	60	77	57	83	50
13.....	72	41	84	46	79	48	82	57	83	48	77	56	74	53	77	57	81	51	81	54	81	61	78	58	81	48
14.....	80	48	86	50	85	42	75	50	80	47	81	54	84	56	82	56	83	52	83	55	83	63	78	61	86	52
15.....	84	52	84	50	80	50	85	57	88	49	86	55	88	56	84	55	91	52	84	55	85	64	82	64	85	54
16.....	78	50	78	51	88	49	88	58	86	51	87	58	88	55	84	58	87	56	84	56	84	64	83	64	82	56
17.....	80	52	74	52	81	51	81	57	79	49	83	60	82	60	83	60	81	56	82	55	81	63	83	64	83	53
18.....	56	35	63	54	70	55	70	46	70	43	76	51	80	60	79	61	70	50	83	57	81	63	83	64	82	57
19.....	38	26	46	45	40	38	46	36	52	38	51	40	60	44	61	42	58	40	65	44	68	42	80	50	70	53
20.....	46	23	40	38	36	34	38	34	48	26	40	37	44	38	43	39	41	33	44	41	43	39	50	44	48	45
21.....	58	19	51	36	44	31	48	33	67	22	60	27	58	24	60	36	65	20	45	35	56	38	46	42	42	38
22.....	71	28	67	29	61	27	67	36	69	29	70	35	70	28	69	34	60	32	61	33	68	36	60	39	63	33
23.....	64	31	70	36	74	27	74	41	79	32	78	41	72	40	75	42	81	40	72	38	72	48	69	43	68	31
24.....	65	31	64	40	57	32	67	39	78	31	76	42	72	39	72	46	80	37	70	50	70	51	70	50	70	46
25.....	78	42	63	38	63	30	66	40	83	32	76	38	80	35	72	45	82	39	67	46	70	50	64	52	72	40
26.....	50	30	63	37	51	32	56	39	76	41	68	42	78	39	82	46	71	38	84	47	84	47	82	52	74	46
27.....	36	22	46	36	41	29	41	29	50	38	44	34	45	38	47	36	46	33	48	34	47	35	55	37	46	35
28.....	45	10	42	26	37	23	38	25	52	12	41	24	50	21	42	26	49	21	38	28	42	29	38	31	38	24
29.....	75	28	52	21	52	18	54	27	80	25	66	28	58	24	59	28	77	26	49	20	54	30	46	28	50	18
30.....	71	30	58	22	64	25	67	33	78	34	73	42	74	31	72	46	80	40	72	40	69	45	67	38	68	36
31.....	68	30	65	31	71	34	68	35	79	34	75	35	72	35	67	45	81	38	68	44	67	46	70	48	70	40
Means.....	70.5	37.3	66.8	41.1	67.2	38.3	68.3	43.6	76.7	39.3	73.1	45.7	74.4	44.3	72.3	47.6	76.3	42.4	70.5	46.5	71.5	50.9	70.0	51.5	70.9	44.7