CLIMATOLOGICAL DATA FOR NOVEMBER, 1913.

DISTRICT NO. 9, COLORADO VALLEY.

FREDERICK H. BRANDENBURG, District Editor.

GENERAL SUMMARY.

A feature of the month was the general absence of conditions favorable to the upbuilding of high pressure areas in the Great Basin, and of clear, cold, and settled weather, the usual accompaniment of such areas in the central part of the Colorado Basin and adjacent region. Instead, weather conditions were dominated by low pressure areas, attended by much cloudiness, nights warmer than usual, mean temperatures above the seasonal average, and well-distributed precipitation. Much of the precipitation was in the form of rain at moderate altitudes in the central part of the district, where, in November, it usually occurs in the form of snow. In many localities in the southern part of the district the rainfall was double or treble the usual amount. In Arizona and New Mexico where there had been a long period of deficient precipitation the rains were of inestimable value in placing the soil in excellent condition for fall work and in assuring a sufficient supply of water for range stock, besides improving the outlook for the ranges. There has been some increase in the amount of water stored in the Roosevelt Reservoir, but not nearly sufficient to insure an adequate supply for next season. At Bisbee, Ariz., damage resulted from the heavy rainfall of the 16th and 17th. In all districts the sunshine was deficient and the relative humidity much higher than the normal.

TEMPERATURE.

The monthly mean temperature was 46.3°, or 2.9° above the normal. The mean for November, 1912, was 42.6°. The highest monthly mean was 65.4° at Mohawk, Ariz., and the lowest, 27°, at Fraser, Colo. Temperatures were higher than the normal, except on the 22d and 23d, and a day or two here and there. The highest temperatures generally occurred during the first decade. Readings of 80° or higher were noted at 2 stations in western New Mexico, and at the majority of stations in Arizona and southeastern Nevada. The lowest temperatures occurred principally in the last decade. Zero temperatures or lower occurred at a number of stations in the Wyoming, Utah, and Colorado areas, while freezing occurred at all stations in western New Mexico and southeastern Nevada, and at a majority of those in Arizona. The highest temperature, 98°, occurred at Parker, Ariz., on the 6th, and the lowest, −17°, at Scofield, Utah, on the 22d.

Details of temperature are summarized in the following table:

Areas of States in District No. 9.	Temperature.					
	Mean.	Departure from normal.	Highest.	Station.	Lowest.	Station.
Western Wyoming	30.5	+1.4	61	Green River	− 4	Willow Creek Cabin.
Western Colorado	36.6	+4.0	70	At 2 stations	−12	Dillon.
Eastern Utah	40.1	+1.2	77	Leeds (near)	−17	Scofield.
Western New Mexico	45.9	+3.3	82	Gage	10	Aragon.
Arizona	53.6	+1.9	98	Parker	12	Flagstaff No. 1.
Southeastern Nevada	50.8	+5.3	89	Logan	20	Caliente.

PRECIPITATION.

The average for the stations reporting was 1.92 inches, or 1.02 inches above the normal. The average for November, 1912, was 0.28 inch. Precipitation occurred somewhere in the district every day but the 9th. It was general during the first four days and from the 10th to 25th. An inch or more in 24 hours occurred 6 times in eastern Utah, 13 in western New Mexico, and 37 times in Arizona. The greatest monthly amount, 5.88 inches, occurred at Ranch, Utah, and nearly as much occurred at Thomas, Ariz. The least precipitation, a trace, occurred at Cochetopa, Colo. Monthly snowfalls of 10 inches or more occurred at 1 station in western Wyoming, 14 stations in western Colorado, and 2 in eastern Utah. The greatest monthly fall, 29.5 inches, occurred at Cascade, Colo. The average number of days with 0.01 inch or more precipitation was 5 in western Wyoming, 8 in western Colorado, 6 each in eastern Utah and western New Mexico, 7 in Arizona, and 4 in southeastern Nevada. For the district as a whole the average was 7 days.

The average precipitation and departures from the normal on the different watersheds are given in the following table:

Watershed.

Green.		Grand.		San Juan.		Little Colorado.		Gila.		Mimbres.		Colorado proper.	
Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.
1.07	+0.40	1.28	+0.45	2.17	+1.32	1.52	+0.50	2.40	+1.34	2.41	+1.55	1.91	+0.96

MISCELLANEOUS.

The average amount of sunshine in percentages, with departures from the normal, was as follows: Grand Junction, 49, −20; Durango, 52, −27; Phoenix, 64, −19; and Yuma, 88, 0.

The relative humidity reported was: Grand Junction, 70, +14; Durango, 75, +7; Phoenix, 62, +17; and Yuma, 58, +14 per cent.

SNOWFALL IN THE MOUNTAINS.

Western Wyoming.—The snowfall at high elevations has been above the normal, but the water content is small.

Western Colorado.—Up to the end of November weather conditions were not favorable to the accumulation of much snow in the mountains. October was colder and generally much drier than common. November was unusually mild, and the precipitation—much in the form of rain—was greater than the normal in the lower drainage areas of the Grand and Gunnison. A moderate excess of precipitation also occurred in the regions drained by the Yampa, White, and San Juan, but over the upper watersheds of the Grand and Gunnison the snowfall was less than the normal. The ground for the most part is unfrozen or frozen only to a short distance below the surface.

At the close of November the average depth of snow on the Grand watershed was 6 inches, average altitude 8,900 feet; Gunnison, 7 inches for 8,900 feet; Yampa, 5 inches for 7,800 feet; and San Juan, 3 inches for 8,000 feet.

Arizona.—In the Apache Indian Reservation the amount of snow at the end of November below 8,000 feet was a trace; the depth at 9,000 feet, was 12 inches; and at 10,000 feet, 20 to 36 inches. In other parts of the State there was no snow of consequence at moderate altitudes at the end of the month.

TABLE 1.—*Climatological data for November, 1913. District No. 9, Colorado Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Wyoming.																				
Big Piney	Lincoln	6,800																		Ira Dodge.
Daniel	do	6,740	14																	John Angus.
Eden	Sweetwater	6,577	4	28.8		55	10	1	29	45	0.23		0.15	1.5	3	9	8	13	n.	Eden Val. L. & I. Co.
Green River	do	6,083	8	33.4	41.4	61	7	7	22	41	0.05	− 0.34	0.03	T.	2	14	10	6	w.	Wm. Hutton.
Pinedale	Fremont	7,167	7																	U. S. Forest Service.
Wamsutter	Sweetwater	6,702		32.4		58	10	1	22†	34	0.26		0.08	1.7	7	14	4	12	sw.	T. C. Sherman.
Willow Creek Cabin	Fremont	7,500	4	27.3		49[f]	11	− 4[f]	22	37[f]	1.30		0.34	21.0	8	9[g]	5[g]	9[g]	nw.	U. S. Forest Service.
Colorado.																				
Ashcroft	Pitkin	9,483	11	30.4	+ 2.3	59	10	− 4	22	46	0.86	− 0.19	0.20	14.5	11					Dan McArthur.
Aspen	do	7,909																		U. S. Forest Service.
Blue Valley Ranch	Grand	7,525		30.0		55	1	− 2	23	41	1.01		0.67	2.0	3	14	7	9	sw.	L. R. Hubbard.
Cascade	San Juan	8,900	6								3.25		0.80	29.5	13	11	5	14		The Western Colo. Power Co.
Cedaredge	Delta	6,175	15	40.9	+ 2.6	66	11	15	23	34	2.08	+ 1.52	0.65	2.0	8	10	9	11		Harry A. Cobbett.
Cochetopa	Saguache	9,088	4								T.		T.	0.3	0	7	13	10	w.	Miss Bessie McDonough.
Collbran	Mesa	6,000	20	38.8	+ 2.5	62	10	9	29	33	1.60	+ 0.60	0.89	4.0	8	10	6	14	sw.	A. A. Wood.
Columbine	Routt	8,766	3								0.77		0.22	18.0	7	7	11	12	sw.	Mrs. M. A. Caron.
Columbine Ranch	Delta	6,925	3								2.36		0.80	6.5	8	11	3	16	s.	George W. Wade.
Cortez	Montezuma	6,100	2	42.6		65	10†	26	11†	39	2.00		0.50	T.	4	19[b]	8[b]	1[b]		W. G. Clucas.
Crawford (near)	Montrose	6,600	3	37.0		60	11	12	29	32	1.16		0.30	2.0	6	18	4	8		C. W. Roe.
Crested Butte	Gunnison	8,867	3	31.0		61	10	− 5	23	43	1.16		0.20	11.5	8	9	11	10		Charles L. Ross.
Delta	Delta	4,965	23	41.9	+ 4.7	70	6†	18	23	46	0.97	+ 0.45	0.42	0.4	12	13	10	7		E. M. Getts.
Dillon	Summit	8,800	3	28.2		58	10	− 12	23	55	0.58		0.41	4.5	4	16	4	10	nw.	Mrs. Nannie B. Strong.
Durango	La Plata	6,534	18	40.0	+ 2.8	65	7	20	29	37	3.36	+ 2.22	1.11	1.0	13	11	6	13	ne.	U. S. Weather Bureau.
Eureka	San Juan	10,000	6								1.22		0.64	13.0	5	9	8	13	s.	The Western Colo. Power Co.
Fraser	Grand	8,560	4	27.0		54	10	− 10	23	50	0.52		0.25	5.4	5	6	7	17	w.	L. D. C. Gaskill.
Fruita	Mesa	4,590	14	42.2	+ 4.8	67	1†	21	10†	43	1.48	+ 0.84	0.56	0	9	9	9	12		J. B. Willsea.
Glade Park	do	7,000	2								1.49		0.60	8.0	9	9	12	9	sw.	A. F. Terrill.
Gladstone	San Juan	10,400	6								2.76		0.75	28.7	10	10	6	14	ne.	The Western Colo. Power Co.
Glenwood Springs (near)	Garfield	5,823	15	39.3	+ 5.0	63	4	10	23	43	0.92	0	0.40	0	5	14	0	16	w.	E. A. O'Neil.
Grand Junction	Mesa	4,602	22	43.6	+ 3.7	67	1	24	22	36	1.15	+ 0.60	0.42	1.0	9	9	6	15	se.	U. S. Weather Bureau.
Grandlake	Grand	8,153	5								0.92		0.52	10.5	4	11	11	8	w.	Mrs. Belle Kauffman.
Grand Valley	Garfield	5,089	21	41.7	+ 4.2	69	9	17	29	47	2.35	+ 1.45	0.87	1.0	13	8	6	16		David Evans.
Gunnison	Gunnison	7,670	20	35.4	+ 8.1	67	3	− 1	23	52	0.11	− 0.49	0.05	0.2	4	18	11	1	sw.	Clarence Adams.
Hayden	Routt	6,337		36.2		65	10	− 2	29	41	1.63		0.40	6.0	7	6	10	14	sw.	A. W. Friedrich.
Hesperus (near)	La Plata	7,610	1								3.14		0.98		9	9	7	14		G. F. Snyder.
Horsefly	Montrose	8,700	3								3.36		0.75	22.6	9	15	12	3	w.	Lawrence J. Finch.
Ironton	Ouray	10,000	3								1.10		0.40	10.0	3	13	8	9	sw.	Mrs. Amanda E. Foley.
Lake City	Hinsdale	8,686	8	33.2		58	10	5	23	43	0.32		0.18	4.6	3	14	6	10	n.	J. F. Maurer.
Lay	Moffat	6,190	19	34.0	+ 3.2	66	20	− 11	22†	46	1.53	+ 0.72	0.56	6.5	4	9	1	20	sw.	A. G. Wallihan.
Mancos	Montezuma	6,960	14																	Miss Gertrude Rickner.
Marble	Gunnison	7,951	4	34.8		62	10	− 4	23	43	2.21		0.44	7.0	11	18	4	8	ne.	F. E. Morse.
Marshall Pass	Saguache	10,846	10								0.62	− 0.57	0.27	7.0	3	10	8	12		Wm. L. Williams.
Meeker (near)	Rio Blanco	6,182	21	36.7	+ 3.8	66	1	− 6	23	44	1.80	+ 0.78	0.73	6.0	8	11	3	16		T. Baker.
Montrose	Montrose	5,811	24	40.8	+ 4.7	66	11	15	23	43	0.76	+ 0.23	0.30	2.1	7	15	5	10		U. S. Reclamation Service.
Nast	Pitkin	7,963	3	31.2		59	10	0	23	47	0.55		0.13	9.0	6	12	13	5	w.	Arthur Hanthorn.
Pagosa Springs	Archuleta	7,108	6	37.4		64	9	17	10†	46	2.57		0.70	2.2	13	12	5	13	sw.	E. T. Walker.
Palisades	Mesa	4,729	2	43.6		70	1	23	22	40	1.77		0.79	T.	8	11	8	11		E. P. Updegraff.
Paonia	Delta	5,694	18	42.3	+ 2.5	67	10	17	23	35	1.93	+ 1.12	0.47	1.0	9	10	12	8	sw.	J. M. Underwood.
Pitkin	Gunnison	9,500	4								0.42		0.14	2.0	4	19	5	6	s.	Mrs. Maggie Cammann.
Redcliff	Eagle	8,695	20													9[f]	6[f]	9[f]		Dorothea Greiner.
Redvale	Montrose	6,300		36.4		57	7†	12	29	30	1.79		0.46	4.0	6	13	6	11		Dr. E. S. C. Foster.
Rico	Dolores	8,824	11								2.03	+ 0.53	0.63	8.7	9	9	11	10	s.	Clinton B. Smith.
Rifle	Garfield	5,437	2	40.0		64	11	15	23	40	1.34		0.83	2.0	10	12	5	13	sw.	Herman Eiche.
River Portal	Montrose	6,570	7			63	10				1.44		0.25	14.0	11	11	13	6		U. S. Reclamation Service.
Sapinero (near)	Gunnison	8,125	10	33.2	+ 3.7	56	10	5	23	37	0.91	− 0.05	0.18	4.2	11	11	9	10	w.	W. F. Irving.
Shoshone	Garfield	6,110	3	40.8		64	10	17	23	37	2.08		0.94	3.0	10	12	7	11		Central Colorado Power Co.
Silverton (near)	San Juan	9,400	6	28.8		59	9	− 6	23	48	2.06		0.64	20.6	8	10	7	13	sw.	The Western Colo. Power Co.
Spruce Lodge	Grand	9,600	5								1.67		0.89	22.0	9	9	7	14	n.	H. J. Wills.
Steamboat Springs	Routt	6,683	10	34.8	+ 4.6	63	10	− 9	22	53	2.24	+ 0.83	0.90	7.0	7	10	13	7		Herbert B. Gee.
Tacoma	La Plata	7,300	6								2.87		0.71	3.0	14	8	9	13		The Western Colo. Power Co.
Telluride	San Miguel	8,756	1	34.8		64	9	− 2	29	46	1.03		0.39	11.0	7	16	2	12	w.	George R. Painter.
Terminal Dam	La Plata	8,300	6								3.09		0.86	22.7	11	10	9	11	sw.	The Western Colo. Power Co.
Yampa (near)	Routt	8,000	4								1.03		0.38	9.3	6	11	11	8	n.	Wm. A. Charis.
Utah.																				
Bluff	San Juan	4,200	1																	H. H. Redd.
Canaan	Washington		1																	L. M. Lauritzen.
Castle Dale	Emery	5,500	14	36.2	− 1.4	68	1	6	29	50	1.43	+ 0.68	1.10		4	16	9	5		Miss Fay Jeffs.
Cisco	Grand	4,447	13								1.01	+ 0.66	0.60		3	10	5	15	sw.	Jas. I. Rounds.
Dragon	Uinta	6,000	3	36.9		60	1	8	22	29	1.36		0.50	1.0	9	8	5	17	n.	Homer D. Ford.
Duchesne	Wasatch	5,500	6	36.2		62	6	11	23	34	1.57		0.65	5.4	4	10	8	12		Matthew M. Smith.
Elkhorn	Uinta	6,657	3																	Chas. de Moisey, jr.
Emery	Emery	6,200	12	39.7	+ 1.8	65	1†	11	29	35	0.20	− 0.18	0.20	0	1	3	4	23	n-sw.	H. C. Wickman.
Escalante	Garfield	5,700	10																	Geo. H. Barney.
Ft. Duchesne	Uinta	4,941	25	33.4	− 0.3	70	12	10	25	45	0.40	+ 0.04	0.15	1.5	4	27	1	2	w.	Geo. W. Dickson.
Fruitland	Wasatch	7,625	3																	J. E. L. Carey.
Grayson	San Juan	6,000	6	41.2		67	8	21	13	32	2.84		0.71	0	12	11	5	14	sw.	E. F. Thompson.
Green River	Emery	4,080	13	41.3	+ 1.4	68	1†	8	23	42	0.63	+ 0.12	0.23	3.0	6	10	15	5	sw.	Edgar E. Adams.
Hanksville	Wayne	4,200	2																	F. J. Weber.
Hite	Garfield	3,500	13	50.2	+ 2.5	76	1	29	23[f]	33	0.66	− 1.3	0.30	T.	5	10	15	5		John P. Hite.
Hurricane	Washington	3,800	1								3.10		0.70		8	8	12	10		Amos Workman.
Kanab	Kane	4,925	5	43.9		71	7	22	29	40	2.40		0.82	0	6					D. D. Rust.
La Sal	San Juan	7,000	9	38.6[e]		64	10	14	30	35	1.38		0.71		5	4[d]	7[d]	15[d]		G. W. Carpenter.
Leeds (near)	Washington	3,400	1	49.2		77	9	30	22†	25	3.93		1.60	0	7	7	5	18		B. F. Anderson.
Manila	Uinta	6,225	3	32.6		62	9	− 10	22	41	1.02		0.23	6.0	8	11	14	5		Daniel M. Nelson.
Moab	Grand	4,000	23	45.0	+ 3.8	70	11	19	23	37	1.19	+ 0.52	0.76	T.	8	9	6	15		Henry Crouse.
Monticello	San Juan	7,545	5																	Geo. F. Barton.
Mountain Home	Wasatch	6,750	1								1.10		0.30	11.0	7				sw.	Oscar Wilkins.
New Harmony	Washington	5,200	2								3.20		1.20		5					Geo. F. Prince.
Orderville	Kane	6,660	3								2.96		0.50		12					F. A. Porter.
Pine Valley	Washington	6,000	2								2.93		0.83	5.0	12	8	10	12	s.	Mason Gardner.
Price	Carbon	5,557	2	41.2[h]		72	1	19[e]	23	44	1.84				5	5[h]	5[h]	12[h]	nw.	George Mathis.

TABLE 1.—*Climatological data for November, 1913. District No. 9*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
***Utah*—Continued.**																				
Ranch	Kane	6,700	11	37.6	+ 1.5	64	8	15	22†	37	5.88	+ 4.17	1.42		7	14	7	9	s.	J. W. Seaman.
San Rafael	Emery	4,250	1																	Jos. J. Nouguier.
St. George	Washington	2,880	26	48.8	+ 1.4	76	1†	23	23	45	2.12	+ 1.63	0.77		8	9	6	15		Wm. E. Goodspeed.
Scofield	Carbon	7,625	4	30.8		61	1	− 17	22	55	0.62		0.20	15.0	9	15	0	15	s.	B. Newren.
Springdale	Washington	3,500	5																	Mrs. Hattie F. Wood.
Strawberry Tunnel	Wasatch	7,650	1																	U. S. Reclamation Service.
Teasdale	Wayne	7,000	4																	Henry Cullum.
Thompsons	Grand	5,150	2	40.9[d]		64[b]	1	23	22†	23	1.54		0.67	T.	6	13	9	8	ne.	Mrs. A. M. Starmont.
Tropic	Garfield	7,000	16	37.6[e]	+ 0.1	65	8	15	23	38	1.16	+ 0.24	0.53		5	7[e]	7[e]	13[e]	sw.	E. P. Bolton.
Trout Creek Ranger	Uinta	9,200	2																	Forester.
Vernal	do	5,050	16																	H. E. Dillman.
Victor	Emery	5,250	1								1.31		0.70		3					F. F. Noyes.
White Rocks	Uinta	6,200	1								0.08		0.04		2	8	9	13		E. C. Sims.
Woodside	Emery	4,645	2	40.2		70	1	10	22	47	0.95		0.43	0.8	4					S. M. Miller.
New Mexico.																				
Alma	Socorro	4,800	15	49.2	+ 3.2	80	10	21	5	55	3.03	+ 1.85	1.10	0	5	10	15	5	s.	Max A. Balke.
Aragon	do		6	39.4		71	7	10	29	54	1.95		0.60	0	6	13	14	3	sw.	John R. Milligan.
Aztec	San Juan	5,590	13								1.09	+ 0.61	0.43	T.	5	9	10	11	sw.	Dr. T. J. West.
Berger's Ranch	McKinley	8,000	1																	Herman Berger.
Blackrock	do	6,500	4																	Patrick Des Georges.
Bloomfield	San Juan	5,500	20	44.2	+ 4.8	70	10	22	29	41	1.30	+ 0.74	0.34	T.	10	8	13	9	sw.	Fred Le Clerc.
Cambray	Luna	4,215	14								1.80	+ 1.18	0.80	0	4	24	0	6		Agent So. Pac. R. R.
Cliff	Grant	4,470	13	50.1	+ 1.7	72	11†	20	5	46	3.40	+ 2.35	1.50	0	4					W. C. Belden.
Columbus	Luna	4,054	4			74	1				1.44		0.65	0	4	13	6	11	se.	Agent E. P. & S. W. R. R.
Crystal	San Juan	7,400									1.29		0.32	2.0	7	7	13	10	e.	J. A. Molohan.
Deming	Luna	4,333	36	52.4	+ 4.3	78	2	28	30	40	1.50	+ 0.96	0.85	0	2	26	1	3	w.	Agent So. Pac. R. R.
Dulce	Rio Arriba	6,767	16	39.6	+ 6.0	63	9†	20	13†	42	2.30	+ 1.55		0	4	17	6	7	w.	E. O. Green.
Farmington	San Juan	5,400																		Orville Ricketts.
Fort Bayard	Grant	6,152	44	47.6	+ 1.2	72	7	27	30	37	2.95	+ 2.17	1.56	T.	9	18	6	6	w.	U. S. Genl. Hospital.
Fruitland	San Juan	4,800	19	44.4	+ 4.9	69	10	22	29	44	1.87	+ 1.47	0.60	0	8	12	14	4	sw.	Cyril J. Collyer.
Gage	Luna	4,480	13	52.9		82	5†	27	29	44	2.54	+ 1.89	1.24	0	4	18	10	2	w.	Agent So. Pac. R. R.
Gila Planting Station	Grant	6,475	2	46.8		72	7	28	29†	35	3.25		1.57	T.	6	18	6	6	w.	U. S. Forest Service.
G. O. S. Ranch	do	8,000	1			66	2†	18	4†	44									w.	Victor Culberson.
Hachita	do	4,504	4								2.26		0.70	0	5	26	3	1	e.	Agent E. P. & S. W. R. R.
Haynes	Rio Arriba	6,600	2	39.6		65	11	19	29	44	0.95		0.31	T.	6	10	6	14	nw.	Mrs. O. L. Wingate.
Hermanes	Luna	4,451	4								1.48		0.54	0	6	19	5	6	e.	Agent E. P. & S. W. R. R.
Lordsburg	Grant	4,245	31	51.6	+ 1.1	78	6	28	21	43	3.89	+ 3.30	1.80	0	4	12	7	11	e.	J. H. McClure.
Luna	Socorro	7,300	12	59.8[1]	+ 2.7	69[1]	13	15[1]	29	45[1]	2.36	+ 1.17	0.78	T.	6	10	18	2	w.	C. B. Martin.
Mimbres	Grant	5,007	8								3.14		1.42	0	4	11	16	3		Charles Dennis.
Pinos Altos (near)	do	7,253	2					18	29		4.10		1.32	0.5	8	8	20	2	w.	O. L. Scott.
Pratt	do	4,415	4								2.88		1.50	0	6	20	1	9	sw.	Agent E. P. & S. W. R. R.
Putnam	San Juan	6,200	1																	C. F. Spader.
Redrock	Grant	4,150	8								3.02		1.13	0	6	16	10	4		Robt. H. Woods.
Rodeo	do	4,118	4																	Agent E. P. & S. W. R. R.
Silver City	do	5,937	2	45.5		72	7	25	30	38	3.55		1.28	0	8	19	7	4	n.	E. M. Brumback.
Arizona.																				
Allaires Ranch	Cochise	4,184	17																	Thomas Allaire.
Alpine	Apache	8,500	4	38.0		63	9	17	28	45	1.35		0.30		7	9	10	11	s.	U. S. Forest Service.
Ashfork	Yavapai	5,229	2								1.71		0.41	T.	5	18	4	8	n.	Do.
Aztec	Yuma	492	15	63.7	+ 0.3	96	5	38	29	51	1.10	+ 0.30	0.70	0	3	21	5	4	s.	Agent Southern Pacific Ry.
Benson	Cochise	3,523	32	56.6	+ 1.5	85	7†	30	29†	49	1.62	+ 1.29	0.60	0	5	15	5	10	w.	Do.
Bernardino	do	4,493	1								3.24		1.80	0	5	4	15	11	n.	Operator E. P. & S. W. R. R.
Bisbee No. 1	do	5,350	23								4.45	+ 3.80	2.10	0	7	21	6	3		Agent E. P. & S. W. R. R.
Blue	Greenlee	6,500	6								2.28		0.70	0	7	11	2	17	s.	Mary A. Jones.
Bonita	Graham	4,916	39								1.16	+ 0.47	0.60	0	5	12	9	9	s.	A. H. Jelley.
Bowie	Cochise	3,756	37	57.0	+ 4.5	85	8	33	30	40	2.41	+ 1.78	0.98	0	4	14	11	5	n.	Agent Southern Pacific Ry.
Buckeye	Maricopa	980	21	61.8	+ 3.5	89	8	35	29	47	0.96	+ 0.14	0.66	0	4	19	8	3	w.	H. E. Kell.
Canille	Santa Cruz	5,225	4								4.39		1.60		8	4	23	3	sw.	Robert A. Rodgers.
Carr's Ranch	Gila	5,410	1								4.59		0.79	4.0	14	10	11	9	se.	J. C. Carr.
Casa Grande	Pinal	1,396	32								2.10	+ 1.57	1.47	0	4	13	9	8		Agent Southern Pacific Ry.
Casa Grande Ruin	do	1,422	5	60.1		88	7	33	7	55	2.92		1.36	0	8	11	14	5	e.	Frank Pinkley.
Cavecreek (near)	Maricopa	1,452	6	61.6		88	8	38	29	41	1.84		0.80	0	8	13	7	10	sw.	John B. Lammers.
Chandler	do	1,213	18	61.8	+ 2.9	89	8†	36	29	44	1.89	+ 1.07	1.05	0	5	18	11	1	se.	F. V. N. Dana.
Chin Lee	Apache	6,090	5	42.0		70	10	20	29	47	0.81		0.21		8	7	3	20	sw.	Rev. L. Ostermann, O. F. M.
Chiarsons Mill	Graham	8,000	6	43.6		63	9	27	21	22	3.80		1.80	2.9	11	2	15	13		Hiram R. Chiarson.
Clifton	Greenlee	3,584	22	57.6		79	7	33	24	39	2.12	+ 1.56	0.50	0	7	18	0	12		Ariz. & New Mexico Ry.
Cline	Gila	2,300	13	57.4	+ 3.5	82	2	35	30	39	3.32	+ 1.78	0.84	0	10	10	15	5	sw.	W. M. Clanton.
Cochise	Cochise	4,219	15	52.8	+ 1.1	77	7	28	29	41	2.31	+ 1.65	1.06	0	7	15	5	10	nw.	Experiment Station Farm.
Columbia	Yavapai	1,900	13	60.4	− 0.3	84	8	40	20†	29[a]	1.95	+ 0.57	0.65	0	8	20	1	9	s.	M. J. Nolan.
Cornville	do	3,300	1	51.4		82	7	28	28	49	1.36		0.90	0	8	7	11	12	sw.	N. F. Girdner.
Courtland	Cochise	4,543	4								4.23		1.90	0	5	2	20	8	s.	Agent E. P. & S. W. R. R.
Don Luis	do	5,025	1								3.60		1.85	0	4	12	0	18	ne.	Do.
Dos Cabezos	do	5,250	5	51.6		72	6†	28	29	36	3.48		1.14	0	7	14	14	2	w.	Neil Erickson.
Douglas	do	3,930	10	56.3	+ 3.5	85	7	29	5	50	4.24	+ 3.44	1.48	0	8	9	13	8	sw.	Dr. F. T. Wright.
Dudleyville	Pinal	2,204	22	57.2	+ 1.6	80	9	35	30	39	1.94	+ 1.02	0.56	0	12	9	12	9	sw.	George F. Cook.
Elgin (near)	Santa Cruz	4,706	1								2.23		0.85	0	5	5	12	13	se.	Leonard W. Klene.
Fairbank	Cochise	3,862	4								0.70		0.35	0	6	15	1	14		Agent E. P. & S. W. R. R.
Flagstaff	Coconino	6,907	21	37.4	+ 2.8	63	6	16	29	40	2.11	+ 0.71	0.39	3.0	14	10	7	13	w.	George T. Herrington.
Flagstaff No. 1	do	7,500	5	35.6		66	7	12	29	49	1.63		0.32	8.0	11	11	6	13	se.	U. S. Forest Service.
Florence	Pinal	1,504	14	61.8	+ 3.9	88	7	38	28†	42	3.03	+ 2.62	1.39	0	7	8	4	18	s.	Agt. Arizona Eastern R. R.
Fort Apache	Navajo	5,200	42	47.6	+ 2.8	78	7	21	28	51	1.13	+ 0.02	0.40	0.1	12	15	4	11	nw.	Post Surgeon U. S. Army.
Fort Huachuca	Cochise	5,100	28	50.6	− 2.0	78	5	28	21†	48	3.79	+ 2.84	1.15	0	7	22	0	8	se.	Do.
Fort Mohave	Mohave	604	44																	August F. Duclos.
Gila Bend	Maricopa	737	23	64.0	+ 4.9	92	5†	37	28	46	1.24	+ 0.83	0.89	0	5	15	6	9	e.	Agt. Southern Pacific Ry.
Globe	Gila	3,625	11	55.7	+ 2.2	82	7	35	29	36	1.73	+ 0.54	0.26	0	13	9	16	5	se.	Dr. B. G. Fox.
Grand Canyon	Coconino	6,866	9	37.8		59	20	18	30	32	3.70		1.50	3.0	5	6	21	3	sw.	Agent Grand Canyon R. R.
Grand Canyon No. 1	do	3,676	1																	B. W. Zachau.
Granite Reef Dam	Maricopa	1,325	20	62.5	+ 0.1	87	7	38	29	43	2.43	+ 1.73	0.65	0	9	13	8	9	w.	U. S. Reclamation Service.
Greer	Apache	9,200	2																	U. S. Forest Service.
Hackberry	Mohave	4,500	1								1.63		0.76	0	8	14	7	9	nw.	A. N. Keech.
Hereford	Cochise	4,180	4								1.41		0.48	0	6	18	5	7	nw.	Agent E. P. & S. W. R. R.

TABLE 1.—*Climatological data for November, 1913. District No. 9*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Arizona—Continued.																				
Holbrook	Navajo	5,069	23	38.2	− 4.9	53	2†	20	22†	32	0.30	− 0.52	0.10	.....	4	9	5	16	sw.	Thorwald Larson.
Indian Oasis	Pima	3,000	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Joseph Menager.
Intake	Gila	2,230	6	.....	.....	.....	.....	.....	.....	.....	1.95	.....	0.40	0	6	15	2	13	nw.	U. S. Reclamation Service.
Jerome	Yavapai	4,743	16	.....	.....	.....	.....	32	20	.....	3.18	+ 1.73	1.00	.....	.....	.....	.....	.....	.....	Dr. L. A. Hawkins.
Keams Canyon	Navajo	6,600	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Fred A. Bartram.
Kingman	Mohave	3,326	10	53.7	+ 0.6	81	8	34	22†	35	1.08	+ 0.37	0.45	0	4	16	5	9	.....	Agent A., T. & S. F. Ry.
Lakeside	Navajo	6,500	15	40.4	.....	66	6	21	4†	44	2.57	+ 1.49	0.73	2.0	11	10	11	9	sw.	Jesse H. Rogers.
Lewis Springs	Cochise	4,029	4	.....	.....	.....	.....	.....	.....	.....	2.17	.....	0.90	0	4	8	11	11	.....	Agent E. P. & S. W. R. R.
Lowell Observatory	Coconino	7,180	2	.....	.....	.....	.....	.....	.....	.....	2.16	.....	0.47	.....	14	8	9	13	.....	Vesto M. Slipher.
McNeal	Cochise	4,150	3	.....	.....	.....	.....	.....	.....	.....	4.16	.....	1.48	0	6	14	12	4	se.	George J. Jones.
Maricopa	Pinal	1,186	37	61.4	+ 2.1	94	2	35	28	53	1.20	+ 0.61	0.60	0	3	15	8	7	w.	Agent Southern Pacific Ry.
Marinette	Maricopa	1,150	1	59.3	.....	88	8	38	29	45	1.11	.....	0.45	0	6	9	10	11	sw.	Theodore Katzenstein.
Moccasin	Mohave	4,500	1	44.8	.....	70	7†	18	29	42	1.78	.....	0.45	0	6	12	7	11	w.	J. G. Maxwell.
Mohawk	Yuma	538	13	65.4	− 1.0	88	3	46	29†	36	0.41	+ 0.18	0.28	0	2	19	4	7	e.	Agent Southern Pacific Ry.
Naco	Cochise	4,579	4	.....	.....	.....	.....	.....	.....	.....	3.40	.....	1.30	0	8	14	0	16	sw.	Agent E. P. & S. W. R. R.
Natural Bridge	Gila	4,990	24	.....	.....	.....	.....	.....	.....	.....	4.33	+ 2.47	1.45	0	10	14	10	6	sw.	D. G. Goodfellow.
Nutrioso	Apache	8,000	3	.....	.....	.....	.....	.....	.....	.....	1.45	.....	0.29	0.7	10	11	7	12	sw.	U. S. Forest Service.
Oracle	Pinal	4,502	19	54.1	+ 0.2	76	7	33	20†	29	2.57	+ 1.31	0.77	0	9	7	4	19	sw.	J. W. Lawson.
Osborn	Cochise	4,676	4	.....	.....	.....	.....	.....	.....	.....	4.33	.....	1.80	0	6	14	0	16	nw.	Agent E. P. & S. W. R. R.
Paradise	Pinal	5,436	7	46.4	.....	74	7	20	29	43	3.38	.....	.....	.....	7	7	16	7	nw.	J. C. Hancock.
Parker	Yuma	345	17	61.0	+ 0.3	98	6	32	23†	58[e]	1.49	+ 0.94	0.87	0	5	11	3	16	.....	M. A. Israel, M. D.
Payson	Gila	5,550	5	47.8	.....	79	9	22	29	50	5.19	.....	1.69	0	10	11	4	15	s.	Mart McDonald.
Pearce (near)	Cochise	4,400	1	53.4	.....	77	7	32	21	38	2.17	.....	1.04	0	6	16	9	5	w.	Clarence H. Wilson.
Phoenix	Maricopa	1,108	19	61.6	+ 2.9	86	8	41	29	35	0.83	− 0.13	0.53	0	8	15	3	12	e.	U. S. Weather Bureau.
Phoenix (1)	....do	1,092	23	60.6	+ 3.5	88	8	33	29	46	1.29	+ 0.51	0.60	0	7	12	9	9	w.	David Aepli.
Phoenix (2)	....do	1,189	5	62.5	.....	88	8†	39	29	38	1.27	.....	0.80	0	7	12	9	9	sw.	Salt River Valley Nurseries.
Pinal Ranch	Pinal	4,520	19	.....	.....	.....	.....	.....	.....	.....	3.63	+ 1.32	1.09	1.5	10	.....	.....	.....	.....	Irion & Craig.
Pinedale	Navajo	6,500	1	.....	.....	.....	.....	.....	.....	.....	2.37	.....	0.53	5.0	10	10	5	15	sw.	E. Thomas, jr.
Pinto	Apache	5,660	9	.....	.....	.....	.....	.....	.....	.....	1.73	.....	0.67	0	9	12	4	14	sw.	Celia F. Henning.
Prescott	Yavapai	5,320	46	44.5	+ 1.7	73	7	20	29	44	1.23	+ 0.14	0.38	T.	9	13	5	12	.....	Dr. J. W. Flinn.
Prescott Dry Farm	....do	5,008	1	47.5	.....	75	7†	26	29	43	0.63	.....	0.40	T.	5	10	10	10	s.	L. L. Bates.
Quartzite	Yuma	800	6	60.0	.....	89	10	36	29	44	1.06	.....	0.82	0	3	13	11	6	w.	W. E. Scott.
Redrock	Pinal	1,864	4	.....	.....	.....	.....	.....	.....	.....	2.27	.....	1.10	0	5	22	1	7	w.	Agent Southern Pacific Ry.
Rice	Gila	2,540	30	56.4	+ 3.8	84	7	32	29	49	1.26	+ 0.42	0.32	0	10	14	5	11	se.	Arthur Pritchard.
Roosevelt	....do	2,175	9	60.0	.....	83	7	41	29	34[b]	2.66	.....	0.75	0	9	6	10	14	w.	U. S. Reclamation Service.
Sacaton	Pinal	1,280	6	61.6	.....	89	9	38	29	47	2.63	.....	1.36	0	5	14	7	9	w.	E. W. Hudson.
St. Johns	Apache	5,650	9	42.6	.....	67	5	25	29	40	1.45	.....	0.55	.....	5	12	0	18	sw.	Alexander Shreeve.
St. Michaels	....do	6,950	26	40.6	+ 4.7	66	8	17	29	41	1.55	+ 0.61	0.66	T.	5	11	8	11	sw.	Rev. Anselm Weber, O. F. M.
Salome	Yuma	1,875	6	59.2	.....	88	7†	35	30	47	0.96	.....	0.48	0	3	16	6	8	s.	August Nord.
San Simon	Cochise	3,609	27	58.4	+ 3.4	88	2†	30	30	54	1.75	+ 1.41	0.90	0	2	20	8	2	w.	Agent Southern Pacific Ry.
Seligman	Yavapai	5,219	8	46.6	.....	77	8	22	29	45	1.77	.....	0.38	0	11	13	9	8	s.	Librarian A., T. & S. F. Ry.
Sentinel	Maricopa	685	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Agent Southern Pacific Ry.
Silverbell	Pima	2,664	8	.....	.....	81	7	.....	.....	.....	2.17	.....	0.93	0	6	17	3	10	.....	Imperial Copper Co.
Snowflake	Navajo	5,644	6	47.1	.....	72	2†	15	30	50	0.85	.....	0.25	T.	6	17	1	12	sw.	William J. Flake.
Springerville	Apache	6,862	3	42.0	.....	69	1	15	29	44[a]	0.78	.....	0.25	0.5	5	12	8	10	w.	U. S. Forest Service.
Supai	Coconino	3,200	7	53.4	.....	78	3	32	23	35[a]	1.15	.....	0.44	0	7	6	3	21	.....	Laura B. Symons.
Tempe	Maricopa	1,165	9	60.7	.....	87	1†	37	29	46	1.45	.....	0.43	0	9	13	9	8	nw.	F. H. Simmons.
Thatcher	Graham	2,800	10	57.6	+ 5.3	82	7†	30	21	48	1.33	+ 0.41	0.40	0	6	8	21	1	se.	J. H. Larson.
Thomas	Coconino	5,200	1	.....	.....	.....	.....	.....	.....	.....	5.75	.....	1.35	1.5	14	11	8	11	sw.	L. H. Thomas.
Tombstone	Cochise	4,550	18	55.6	+ 1.3	77	7	37	29	30	2.80	+ 2.23	0.92	0	5	13	12	5	.....	F. N. Wolcott.
Truxton	Mohave	3,997	3	50.8	.....	89	10	27	29	41	1.35	.....	0.50	0	8	17	6	7	s.	Truxton Canyon Indian Sch.
Tuba	Coconino	4,500	13	45.5	+ 2.2	72	7	21	29	41	0.85	+ 0.21	0.33	T.	13	14	9	7	sw.	Ira Bell.
Tucson	Pima	2,390	33	59.5	+ 1.2	85	9	35	29	42	1.98	+ 1.22	0.50	0	10	8	8	14	e.	University of Arizona.
Tucson (1)	....do	2,380	5	59.2	.....	86	7†	32	28†	37[d]	2.04	.....	0.57	0	13	14	9	7	nw.	Rev. James F. Record.
Tucson (2)	....do	2,526	4	59.2	.....	86	9	33	29	44	2.01	.....	0.52	0	9	11	7	12	w.	U. S. Coast & Geod. Survey.
Vail	....do	3,421	14	.....	.....	77	9	.....	.....	.....	1.20	+ 0.44	0.90	0	3	.....	.....	.....	.....	Agent Southern Pacific Ry.
Walnut Grove	Yavapai	3,649	20	.....	.....	.....	.....	.....	.....	.....	2.63	+ 1.02	.....	0	7	.....	.....	.....	.....	J. O. Carter.
Wickenburg	Maricopa	2,072	15	57.1	+ 2.8	87	7	33	29	45	1.83	+ 1.31	0.99	0	9	12	0	18	.....	Agent S. F. P. & P. Ry.
Willcox	Cochise	4,164	32	51.6	− 0.5	80	2†	29	30	46	2.15	+ 1.69	1.55	0	3	1	8	21	s.	Agent Southern Pacific Ry.
Williams	Coconino	6,750	13	42.6	+ 0.8	70	10	20	30	40	3.17	+ 1.82	0.87	4.5	9	12	9	9	sw.	E. J. Nordyke.
Winslow	Navajo	4,855	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Winslow High School.
Yuma	Yuma	141	33	63.6	+ 1.7	91	9	41	29	39	0.15	− 0.17	0.15	0	1	25	3	2	n.	U. S. Weather Bureau.
Yuma (1)	....do	150	6	60.3	.....	88	8†	32	29	44	0.41	.....	0.38	0	2	22	5	3	n.	C. J. Wood.
Nevada.																				
Caliente	Lincoln	4,407	3	42.7	.....	70	7	20	9	49	1.06	.....	1.00	0	4	26	0	4	ne.	Salt Lake Route.
Las Vegas	Clark	2,033	11	54.1	+ 5.3	81	9	30	30	39	1.09	+ 0.87	0.47	0	4	18	6	6	s.	C. P. Squires.
Logan	....do	1,355	6	55.6	.....	89	12	28	29	46	0.42	.....	0.16	0	5	17	8	5	n.	Orin W. Jarvis.

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

TABLE 2.—*Daily precipitation for November 1913. District No. 9, Colorado Valley.*

Stations.	Watershed.	Day of month.																														Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Wyoming.																																
Big Piney	Green																															
Daniel	do																															
Eden	do		.04										.15		.04																	0.23
Green River	do			.02		.03					T.			T.						T.								T.				0.05
Pinedale	do																															
Wamsutter	do		.01				.05						.02	.08							.04	.03						.03				0.26
Willow Creek Cabin	do		.10			T.	.34				T.		.20	.28					T.	.11	.06		.13			.08	T.			T.	T.	1.30
Colorado.																																
Ashcroft	Grand		T.	.03				.05					.05	.05	.10	.10				T.	.05	.10	.20						.10	.03		0.86
Aspen	do																															
Blue Valley Ranch	Yampa		T.	T.				.14						.67						T.	.20					T.			T.			1.01
Cascade	San Juan		.11	.80	.02								.13	.44	.10			T.		.17	.71	.12	.05		.30	.18			.12		T.	3.25
Cedaredge	Gunnison		.14	.28										.65	.15	.03					.13					.20			.50			2.08
Cochetopa	do			T.										T.															T.			T.
Collbran	Grand		.01	.08									T.	.89				T.	T.		.05	.19	.18			.06			.14	T.		1.60
Columbine	Yampa		.07	.19			.09						.07								.08	.22							.05			0.77
Columbine Ranch	Gunnison													.30	.80	.02					.20	.35	.30				.09		.30			2.36
Cortez	San Juan			.50							T.		.50	.50						T.	.50	T.										2.00
Crawford (near)	Gunnison		.17											.30	.20	.09					.17								.23			1.16
Crested Butte	do		T.	.16				.20					.08	.18	.15					T.	.14	.10	.15						T.			1.16
Delta	do	*	.13										.03	.42	.03	.05				.03	.12	.01			.03	.02			.10			0.97
Dillon	Grand			.08				.41							.07							T.	.02									0.58
Durango	San Juan		.21	1.02									.04	.55				.03		.26	.28	.10	.07		.54	.11			.05		.10	3.36
Eureka	do			.17									.20	T.					.64	.10					.11							1.22
Fraser‖	Grand							.20						T.	.25							.02	.02							.03		0.52
Fruita	do		.06	.25	T.								T.	.56						.04	.03	.11	.16		T.	.02			.25		T.	1.48
Glade Park	do		.03	.10	T.							T.	.05	.60	.03						.24			.02	.02			.40		T.		1.49
Gladstone	San Juan		.09	.71									T.	.30	.14	T.		T.	.12	.14	.75	.12	T.		.35	T.			.04	T.		2.76
Glen'd Spr'gs (near)	Grand													T.	.40	.30						.06	.10		T.	.06					T.	0.92
Grand Junction	do		T.	.19								T.	.12	.32	.02					.01	.02	.30			T.	.05	T.		.12			1.15
Grandlake	do						T.	.12					T.	.52	.17						T.	.11	T.						T.	T.		0.92
Grand Valley	do		.07	.05									.06	.87	.45	.01		.01		.08	.28	.14			.10	.14		.01	.08			2.35
Gunnison	Gunnison			.02									.03		T.	.05					.01								T.			0.11
Hayden	Yampa		.03	.23				.22						.38	.15						.40								.22			1.63
Hesperus (near)	La Plata			.92	.09								T.	.40	.13					.42		.10		.15	.83				.04			3.14
Horsefly	Gunnison			.30	.38								.10	.48	.25	.15					.70				T.				.75	.25	T.	3.36
Ironton	do		T.	.40									T.	T.						T.	.40	T.							.30			1.10
Lake City	do			.18											T.						.10				.04				T.			0.32
Lay	Yampa		T.	.21										.49	T.	T.						.56							.27			1.53
Mancos	San Juan																															
Marble	Grand		*	.29									.19	.44	.35	.07					.15	.34	.20			.09			.09			2.21
Marshall Pass	Gunnison		.17												.18														.27			0.62
Meeker (near)	White		T.		T.			T.				*	*	.61	.25						*	*	.73						.21			1.80
Montrose	Gunnison			.11										.05	.13	.07					.07		.03						.30			0.76
Nast	Grand			T.				.06					T.	T.	.13	.06					T.	.06	.12						T.	.12		0.55
Pagosa Springs	San Juan		T.	.70	.15								.07	.04	.27			.02		.23	.42	.07	.03		.31	.24			T.	.02		2.57
Palisades	Grand		T.	.18	T.								.08	.79	T.					T.	.06	.18	.15			.08	T.		.25			1.77
Paonia	Gunnison		.15										.04	.47	.35	.06					.22	.18	.18						.28			1.93
Pitkin	do			T.			.14						T.								.11	.12			.05				T.			0.42
Redcliff	Grand																															
Redvale	Saft Miguel		T.	.46	.16								.46					T.		.10	.15								.46			1.79
Rico	Dolores		.13	.31				.63			.25						T.						.46					.06	.02	.02	.15	2.03
Rifle	Grand		.03	.03										.83	.15	.01		T.			.08	.10	.05			.01			.05			1.34
River Portal	Gunnison		.06	.15								.05	.14	.06	.25	.18					.24	.09	.12			T.			.10			1.44
Sapinero (near)	do		.03	.17	.01								.07	.17	.18	.10					.02	.03	.03						.10	T.		0.91
Shoshone	Grand		.04	.10									.09	.94	.10						.06	.60	.08			.04			.03			2.08
Silverton (near)	San Juan		.07	.55										.20	.10	T.		T.		.12	.64	.08	T.		.30	T.			T.	T.		2.06
Spruce Lodge	Grand			.06				.89					T.	.09	.20	.09					T.	.06	.12			T.			.11	.05		1.67
Steamboat Springs	Yampa		.10				T.						.90	.12	.19							.46				T.		.07	.40			2.24
Tacoma	San Juan		.08	.68	.09								.03	.71	.07	.11				.15	.42	.06	.05		.30	.02			.10			2.87
Telluride	San Miguel		.02	.39	T.								T.	.10	T.					.02	.07	T.	T.		T.			T.	.29	.14		1.03
Terminal Dam	San Juan			.79	.06									.86	.11					.18	.45	.08	.02		.32	.12			.10			3.09
Yampa (near)	Yampa							.38						*	.37					.03		.14	.11						T.			1.03
Utah.																																
Bluff	San Juan																															
Boneta	Green			.20							.30	.10								.10		.20						.10			.10	1.10
Canaan	Colorado																															
Castle Dale	Green	.07	1.10								.10			.16																		1.43
Cisco	Grand													.60													.20			.21		1.01
Dragon	Green		T.	.17	T.							.07		.50	.11				T.	T.	.10	.35			.02				.02		.02	1.36
Duchesne	do		T.	.58								T.	T.	.65						.09	T.								T.		.25	1.57
Elkhorn	do																															
Emery	Colorado											T.	T.					.20														0.20
Escalante	do																															
Fort Duchesne	Green			.05									T.	.15										.05							.15	0.40
Fruitland	do																															
Grayson	San Juan		.10	.55	.04							T.	.12	.71			.08		T.	.19	.35	.03			.20	.41			.06			2.84
Green River	Green		.03	.23								T.		.17							.05	T.				.05					.10	0.63
Hanksville	Colorado																															
Hite	do		T.	.27	T.							T.	T.	.30			.03			T.		T.			.02	.04						0.66
Hurricane	do		.70								.40	.35	.60	.45	.35					.15	.10											3.10
Kanab	do		.60									.33	.33	.82							.12	.20										2.40
La Sal	Grand			.45	.04							T.	T.	.71	T.		T.			T.	.03	T.	T.		T.	.15			T.			1.38
Leeds (near)	Colorado		1.60									.32	1.16	.20						.25	.30	.10			T.						T.	3.93
Loa	do																															
Manila	Green			.23			.19	.08						.09	.02						.08	.23									.10	1.02
Moab	Grand	T.	.16	.13										.76							.06	.04			.04	.07			.13			1.19
Monticello	do																															
New Harmony	Colorado											1.20	.80	.35						.10	.75											3.20
Orderville	do		.50	.33								.47	.35	.50	.17					.10	.12	.25			.08	.06					.08	2.96
Pine Valley	do	.15	.83	T.								.25	.53	.16	.08				.30	.25	.05	T.			.15				T.	.15	.08	2.93
Price	Green		*	.97																.56	.29										.02	1.84
Ranch	Colorado		1.21									1.20	1.42	.64	.14						.64				.63							5.88
San Rafael	Green																															
St. George	Colorado		.37									.29	.77	.07						.20	.07				.05						.30	2.12
Scofield	Green			.20								.03		.08						T.	.03					.05	.01	*	.19		.03	0.62
Springdale	Colorado																															

TABLE 2.—*Daily precipitation for November, 1913. District No. 9*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total.
Utah—Continued.																																
Strawberry Tunnel	Green																															
Teasdale	Colorado																															
Thompsons	Green		.16	.29	.14									.67						T.	.07	.21			T.	T.					T.	1.54
Tropic	Colorado											T.	.35	.53	T.				T.	T.	T.	.17				T.	.07	.04				1.16
Troutcreek Ranger	Green																															
Vernal	do																															
Victor	do		.70											.32						.29												1.31
White Rocks	do		.04	T.									T.	.04	T.														T.			0.08
Woodside	do		.43												.34							.10									.08	0.95
New Mexico.																																
Alma	Gila		T.	T.											T.	*	1.10	.52			.50				.91				T.			3.03
Aragon	do	T.		.10											.10		.60	.10			.55				.50							1.95
Aztec	San Juan		T.	.43									.07	T.				T.		.30	.07	T.			.22				T.			1.09
Berger's Ranch	Little Colorado																															
Blackrock	do																															
Bloomfield	San Juan	T.	.01	.29									.16	T.	.05			.04	.01	.34	.12	T.			.21	T.			.07			1.30
Cambray	Mimbres																		.80		.20				.70	.10						1.80
Cliff	Gila																1.50	.75			.45			.70								3.40
Columbus	Mimbres																.65				.15			.53	.11							1.44
Crystal	San Juan			.25									.24		.17					.18		.32			.06	.07						1.29
Deming	Mimbres																.85								.65							1.50
Dulce	San Juan			.80																												‡2.30
Farmington	do																															
Fort Bayard	Mimbres			.02												T.	1.56	.69	.01	*	.25		*	.39					.03			2.95
Fruitland	San Juan		T.	.45									.60	.05	.15			.03		.24	.20	T.			.15							1.87
Gage	Mimbres															.30	1.24			.50				.50								2.54
Gila Planting Sta.	do			.02												T.	1.57	.75			.40		T.	T.	.48				.03			3.25
G. O. S. Ranch	Gila																															
Hachita	do	.20															.53	.49			.34			T.	.70							2.26
Haynes	San Juan			.05	T.							T.	T.		.08					.22	.22	T.		.31	.07				T.		T.	0.95
Hermanes	Mimbres	.24													.04	.11	.54							.45	.10							1.48
Lordsburg	Gila															1.20	1.80			.17					.72							3.89
Luna	do																.51	.24		T.	.58			.11	.78	.14			T.	T.		2.36
Mimbres	Mimbres																1.42	.68			.45				.59							3.14
Pinos Altos (near)	Gila														.08		1.13	1.32	.10		.70				.25	.40			.12			4.10
Pratt	do	.20														*	1.50	.58			.25				.35							2.88
Putnam	San Juan																															
Redrock	Gila														.02		.92	1.13			.47			.43	.05							3.02
Rodeo	do																															
Silver City	Mimbres														T.	.48	1.28	.72			.33		.02	.45	.24				.03			3.55
Arizona.																																
Allaires Ranch	Desert																															
Alpine	Gila			.23													.20		.10	.30		.15		.20	.17							1.35
Ashford	Verde		.25									.38		.41							.37	.30									T.	1.71
Aztec	Gila											.30								.70		.10										1.10
Benson	San Pedro	.22														.60	.55			.10				.15								1.62
Bernardino	Sonora															1.80		.75			.21			.36	.12							3.24
Bisbee (1)	San Pedro	.16									.20						2.10	1.00			.22			.32	.45							4.45
Blue	Gila														.10	.15	.70	.30					.13		.70	.20					T.	2.28
Bonita	do															.15	.60			.15			.20								.06	1.16
Bowie	do																.98	.68				.70			.05							2.41
Buckeye	do			.05								T.	T.	.15	T.	T.			.10	.66												0.96
Canille	San Pedro	.03							T.		.10				.06	1.01	.87			T.	1.60			.50	.22						T.	4.39
Carr's Ranch	Salt			.21								.17	.43	.68	.45	.05	.79	.30		.49	.33	.05		.34	.24						.06	4.59
Casa Grande	Gila											.07						1.47		.03	.53											2.10
Casa Grande Ruin	do											T.	.20		.04	T.	.28	1.36		.42	.45			.09	.08							2.92
Cavecreek (near)	Salt		T.									.01	.11	.04	.03		.70		T.	.80	.10	T.			.05							1.84
Chandler	do													T.	.13		1.05		.09	.56				.06								1.89
Chin Lee	Little Colorado		.01	.06								T.	T.	.11	.02		T.			.15	.11	T.	T.		.14	.21		T.	T.			0.81
Chiarsons Mill	Gila													T.	.27	.33	1.80	.49		.08	.29	.07	.09	.12	.18	.08					T.	3.80
Clifton	do													T.	T.	.20	.50	.46					.21	.22	.33	.20						2.12
Cline	Salt								.05					.75	.15	T.	.84	.56		.40	.32	.05		.15	.05							3.32
Cochise	Desert	.26													.04		1.06	.47			.09		.18		.21							2.31
Columbia	Agua Fria			.10									.10	.50	.10	.15				.65	.25	.10										1.95
Cornville	Verde		.06									T.	.90	.10			.05	.01	T.	T.	T.				.19	.01	.04					1.36
Courtland	White	.50														1.40	1.90			.18			.25									4.23
Don Luis	San Pedro															1.85		.90			.05				.80							3.60
Dos Cabezos	Desert	.13													.08		1.14	1.07			.87			.14	.05							3.48
Douglas	White	.43									.25			T.		.12	1.48	1.29	T.	T.	.15			.24	.28							4.24
Dudleyville	Gila											T.	.01	.02	.54	.02	.15	.31		.02	.44	.04		.05	.25						.09	1.94
Elgin	San Pedro								T.					T.		.85	.69		T.	.23			.35	.11						T.	2.23
Fairbank	do															.02	.07	.05			.01			.35	.20							0.70
Flagstaff	Little Colorado		.20	.20								.21	.12	.31			.21	.02	.01	.39	.01	.05		T.	.26	.07					.05	2.11
Flagstaff	do			.30	.02							.32	.09	.19			.06	.09		.01	.17	.06	T.			.32						1.63
Florence	Gila											.21		.32			1.39			.76				.23	.10						.02	3.03
Fort Apache	Salt		.20									.02		.06	.10	.20	.05			.40	.01		.01	.01	.06						.01	1.13
Fort Huachuca	San Pedro	.24										.10					.90	1.15			.54			.62	.24							3.79
Fort Mohave	Colorado																															
Gila Bend	Gila											T.	.11		T.		.02		.89	.20	.02											1.24
Globe	Salt			.10									.15	.08	.19	.08	.22	.26		.10	.20			.17	.13	.03					.02	1.73
Grand Canyon	Colorado		T.								.40	.25	T.			T.		.25		T.	1.50	T.			T.					.30	T.	2.70
Grand Canyon (1)	do																															
Granite Reef Dam	Salt			.11									.05	.18	.09		.09	.65		.60	.43				.23							2.43
Greer	Little Colorado																															
Hackberry	Desert		.20	.13								.09	.76		.03					.22	.07				T.						.13	1.63
Hereford	San Pedro										.17				.08	.39	.48					.19	.10									1.41
Holbrook	Little Colorado										.10	.08				.10							.02		T.					T.		0.30
Indian Oasis	Desert																															
Intake	Salt											.25			.35		.25				.35		.40			.35						1.95
Jerome	Verde														.56		.21			1.00	.54	.12		.60	.15							3.18
Keams Canyon	Little Colorado																															
Kingman	Colorado		.22								T.		.29							.45	T.	.12			T.							1.08
Lakeside	Little Colorado			.22								.07	.28	.06	.47	.11	.12	T.		.26	.73	.10		T.	.15							2.57
Lewis Springs	San Pedro															.90	.01						.90		.36							2.17
Lowell Observatory	Little Colorado			.18	.20							.15	.13	.47	.01		.23	.01		.22	.20	.02			.24	.06					.04	2.16
McNeal	White	.46															1.48	1.37			.26		.32		.27							4.16
Maricopa	Gila											.22	T.	T.	T.	T.	.38			.60				T.							T.	1.20

TABLE 2.—*Daily precipitation for November, 1913. District No. 9*—Continued.

Stations.	Watershed.	Day of month.																													Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Arizona—Contd.																																
Marinette	Agua Fria											.15	.15	T.			.17			.45	.18	.01		T.	T.							1.11
Moccasin	Colorado		.23	.20								.37	.21	.45								.32										1.78
Mohawk	Gila											.13								.28				T.								0.41
Naco	San Pedro	.13									.18				.10		1.30	0.75			.20			.30	.44							3.40
Natural Bridge	Verde		.13									.10	.54	.17	.13	1.45	T.			1.19		.14		.25	.23							4.33
Nutrioso	Little Colorado			.27								.16		.01	.11	.19	.05	.02		.29			.07		.28			T.			T.	1.45
Oracle	San Pedro												.01		.25	.02		.66		.05	.77			.36	.18						.27	2.57
Osborn	do										.19	.04		T.		1.50	1.80							.40	.40							4.33
Paradise	Desert	.24														*	*	2.31			.28			.25	.30							3.38
Parker	Colorado											.12						.10	.25	.87				.15								1.49
Payson	Verde			.25								T.	.54	.22		T.	1.69	.59		1.03	.25	.12		.28	.22							5.19
Pearce (near)	Desert	.24													T.	T.	1.04	.37		T.	.12			.16	.24							2.17
Phoenix	Salt		T.									.04		.03	T.	T.	.11	.06	T.	.46	.10	.01		.02	T.							0.83
Phoenix (1)	do											T.	.02	.06	.16	T.	.15			.60	.28	T.	.02		T.						T.	1.29
Phoenix (2)	do											.11		.05	.05		.06		.18	.80		T.	T.	.02								1.27
Pinal Ranch	Gila											.23		.71		.46	.40			1.09	.20		.16	.03	.20						.15	3.63
Pinedale	Little Colorado			.25									.10	.30	.10		.19			.53	.47			.07	.26						.10	2.37
Pinto	do											.10	.67	.10	.10	T.		T.	T.	.20	.15	.10			.21						.10	1.73
Prescott	Verde		.05	T.								.28	.09	.09			.07			.38	.14	T.			.06						.07	1.23
Prescott Dry Farm	do											.12		.01			.08			.40		.02									T.	0.63
Quartzsite	Colorado																			.82	.02			.22								1.06
Redrock	Santa Cruz														.20	T.	1.10			.70			.15	.12							T.	2.27
Rice	Gila											T.	T.	T.	.03	.07	.10	.12		.18	.15	.02		.32	.23	.04					T.	1.26
Roosevelt	Salt											.15	.29	.11				.30	.75	.19	.50			.32	.05							2.66
Sacaton	Gila											.08	T.			T.	.42	1.36		.37	.40											2.63
St. Johns	Little Colorado	.25		.55										.30							.15				.20							1.45
St. Michaels	do	.25	T.	.27								T.	T.	.07	T.			T.		.66		T.	T.		.30				T.			1.55
Salome	Desert											.48	.02							.46												0.96
San Simon	Gila																.90	.85														1.75
Seligman	Verde		.21	.07								.05	.33	.33	.02		.05			.38	.20	.04			.09							1.77
Sentinel	Gila																															
Silverbell	Santa Cruz													.54		T.	.08	.93		.10	.42				.10						T.	2.17
Snowflake	Little Colorado													.10	.25	.25	.15				.05	T.	T.								.05	0.85
Springerville	do			.20											T.	.18				.25					.10				T.		.05	0.78
Supai	Colorado				.27							.12	.44	.08		.02	.10				.12											1.15
Tempe	Salt																															
Thatcher	Gila																.38	.40		T.	.10			.30	.10	.05						1.33
Thomas	Verde		T.	.52								.54	.48	.61	.08		.43	.02		.44	1.35	.75		.02	.40	.06					.05	5.75
Tombstone	San Pedro															.92	.90		.10				.35	.53								2.80
Truxton	Desert		.50									.18	.08	.02						.30	.03	.20			.04							1.35
Tuba	Little Colorado		T.	.09								T.	.33	.05	T.		.08	.03	.01	.01	.18	.01			.02	.02		.01			.01	0.85
Tucson	Santa Cruz	T.												.05	.17	.07	.40	.50		.05	.30			.31	.09						.04	1.98
Tucson (1)	do											.03		.03	.19	.02	.39	.57		.20	.14	.01		.25	.08	.09					.04	2.04
Tucson (2)	do											T.		T.	.18	T.	.50	.52	.01	.07	.33	T.		.32	.06						.02	2.01
Vail	do															.90	*			.30												1.20
Walnut Grove	Hassayampa		.20									.55		.60						*	*	1.18		.10								2.63
Wickenburg	do		.11									.39		.13	.01		.10			.99		.01		.05	.04							1.83
Willcox	Desert																	1.55						.30	.30							2.15
Williams	Colorado			.54								.12	.46	.87			.16			.23	.44	.10	T.								.25	3.17
Winslow	Little Colorado																															
Yuma	Colorado														T.	T.				.15				T.								0.15
Yuma (1)	do															T.	.03	T.	T.	.38				T.								0.41
Nevada.																																
Caliente	Colorado		.06									T.											*	*	1.00							1.06
Las Vegas	do		.15										T.							.47	.15				T.						.32	1.09
Logan	do		.07											.08	T.					.16	.06					T.					.05	0.42

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

TABLE 3.—*Maximum and minimum temperatures at selected stations for November, 1913. District No. 9, Colorado Valley.*

Date.	Wyoming.				Colorado.										Utah.										New Mexico.			
	Daniel.		Green River.		Durango.		Grand Junction.		Gunnison.		Meeker.		Steamboat Springs.		Emery.		Fort Duchesne.		Hite.		Moab.		St. George.		Bloomfield.		Fort Bayard.	
	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	.....	.....	49	27	59	28	67	31	59	10	66	22	58	22	65	30	56	41	76	38	68	31	76	31	67	34	60	35
2	.....	.....	50	33	53	31	53	42	56	7	62	21	48	27	62	33	46	20	70	46	58	39	57	45	63	37	65	34
3	.....	.....	50	46	40	33	60	42	67	30	51	30	51	34	61	35	46	20	55	47	57	40	63	36	48	37	63	40
4	.....	.....	53	25	45	33	54	39	60	17	45	31	50	29	60	32	45	15	66	45	59	45	69	31	54	33	61	22
5	.....	.....	46	31	54	26	60	35	53	13	59	28	53	23	65	37	60	20	66	38	63	25	69	34	60	31	66	29
6	.....	.....	59	22	59	27	60	34	59	19	65	28	54	23	61	35	49	15	72	46	67	35	71	35	64	30	70	38
7	.....	.....	61	20	65	28	64	36	54	23	60	30	45	33	60	36	60	24	73	40	69	34	75	32	63	29	72	42
8	.....	.....	59	21	59	28	62	35	58	9	57	20	52	18	62	33	62	23	71	40	68	31	76	36	65	32	65	40
9	.....	.....	54	23	61	27	65	34	55	10	56	24	59	19	58	32	60	22	69	37	68	29	76	29	65	25	65	31
10	.....	.....	47	22	63	28	61	28	59	7	63	28	63	18	60	37	61	25	70	36	64	27	74	30	70	29	64	36
11	.....	.....	39	26	61	28	62	32	60	15	64	23	54	22	62	39	40	15	70	37	70	31	67	45	68	30	66	38
12	.....	.....	45	24	57	38	58	35	61	12	54	34	50	32	56	35	75	25	67	49	67	35	63	48	64	37	66	42
13	.....	.....	42	22	49	39	54	41	55	27	48	32	42	32	51	36	51	20	63	46	64	43	61	49	59	41	62	42
14	.....	.....	48	20	50	35	53	39	60	24	45	32	44	33	52	31	56	21	63	37	60	37	63	40	60	36	64	41
15	.....	.....	44	21	49	29	55	32	49	26	47	22	36	28	51	32	48	22	62	36	56	30	63	32	51	31	66	40
16	.....	.....	48	24	48	26	47	32	38	8	49	18	54	17	55	26	45	21	57	35	57	27	53	31	51	28	60	40
17	.....	.....	49	22	55	36	52	37	57	16	52	35	52	29	52	22	48	22	60	44	56	34	62	30	63	36	52	39
18	.....	.....	45	20	50	37	52	40	59	19	52	32	48	28	55	30	43	24	54	42	54	37	51	29	57	38	60	33
19	.....	.....	32	25	42	35	54	41	60	23	50	34	47	31	44	21	31	25	55	42	60	42	60	43	49	36	59	35
20	.....	.....	49	13	48	35	50	42	50	26	50	35	50	31	41	12	38	14	60	45	55	44	50	42	45	34	53	30
21	.....	.....	34	29	38	32	50	33	61	28	46	28	41	29	46	14	38	19	57	40	61	40	54	40	46	37	52	29
22	.....	.....	43	7	45	20	41	24	49	30	28	−5	35	−9	50	16	38	20	49	33	44	23	55	28	49	29	55	33
23	.....	.....	35	8	51	22	45	25	41	−1	33	−6	46	−7	51	16	39	19	52	29	45	19	56	23	54	25	57	35
24	.....	.....	45	12	38	32	45	29	51	9	38	6	50	4	56	17	31	20	47	34	39	23	58	33	47	35	52	32
25	.....	.....	44	19	47	29	47	34	49	22	41	30	42	29	51	16	49	10	55	39	48	34	62	34	54	31	54	33
26	.....	.....	48	19	48	26	47	34	54	15	58	28	41	29	50	17	46	19	59	39	50	35	62	32	57	28	59	29
27	.....	.....	34	25	48	24	48	32	56	12	50	31	43	25	48	14	29	20	58	37	52	27	60	32	54	29	60	33
28	.....	.....	35	8	44	29	44	31	43	8	41	22	43	25	45	12	29	15	58	36	50	35	59	30	48	31	53	33
29	.....	.....	34	19	44	20	44	37	49	14	32	2	37	−2	42	11	28	17	59	29	45	24	59	25	46	22	52	28
30	.....	.....	28	21	44	26	41	28	32	12	35	10	43	5	40	14	28	20	47	34	39	27	49	37	51	27	52	27
Mns.	.....	.....	45.0	21.8	50.5	29.6	53.2	34.1	53.8	17.0	49.9	23.5	47.7	21.9	53.7	25.7	46.2	20.6	61.2	39.2	57.1	32.8	62.4	35.1	56.4	31.9	60.2	35.0

Date.	Arizona.																						Logan, Nev.	
	Douglas.		Flagstaff.		Fort Apache.		Grand Canyon.		Parker.		Phoenix.		Prescott.		St. Michaels.		Tucson.		Yuma.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	78	31	57	27	70	34	58	26	86	46	83	54	68	32	58	26	78	58	88	55	80	38
2	79	35	53	33	70	39	56	24	88	47	79	52	63	40	50	28	81	50	84	56	67	54
3	78	43	46	26	61	28	48	20	86	42	76	52	57	35	58	30	75	51	83	53	70	44
4	80	30	54	23	68	27	46	22	90	33	79	47	66	22	60	24	80	46	83	56	74	45
5	78	29	60	26	72	30	48	20	92	40	81	47	68	24	65	26	81	43	84	49	75	36
6	82	39	63	23	73	28	48	22	98	40	80	48	68	24	64	23	82	44	84	51	77	37
7	85	38	62	24	78	27	50	24	92	42	82	47	73	29	60	24	84	42	87	48	85	39
8	72	50	57	28	74	29	52	26	94	40	86	56	72	32	66	25	81	49	88	60	83	51
9	78	37	59	23	75	30	52	30	95	52	82	59	71	27	65	24	85	59	91	61	84	43
10	75	51	61	24	72	31	50	30	90	55	85	56	72	32	64	23	77	52	86	61	79	38
11	74	45	46	30	64	43	48	32	88	52	76	61	59	40	56	29	75	54	83	58	85	50
12	74	47	49	41	66	41	50	30	90	35	75	60	60	44	55	39	76	57	78	61	89	48
13	70	54	46	37	60	44	52	31	88	52	70	58	53	41	51	38	69	57	75	56	74	50
14	74	55	48	26	57	40	52	30	90	35	72	52	57	32	52	34	66	56	76	49	70	41
15	75	44	43	25	52	41	56	34	85	40	67	56	54	32	46	32	66	53	69	56	71	38
16	56	52	40	33	60	41	54	33	80	36	63	56	51	42	49	34	64	55	73	52	65	43
17	64	45	51	34	60	39	56	35	72	41	66	53	53	38	54	32	65	49	76	46	71	37
18	65	38	42	38	63	40	56	36	70	36	69	51	52	35	52	39	71	44	72	50	63	43
19	70	45	39	30	55	32	54	36	72	38	63	47	49	32	46	32	65	54	61	46	60	50
20	59	41	34	26	45	31	59	27	70	36	58	47	41	31	38	29	61	41	67	44	56	45
21	66	33	35	26	50	34	48	25	68	34	59	49	45	32	37	30	67	36	69	50	62	41
22	65	48	37	23	60	34	49	23	68	36	68	44	51	27	49	29	63	43	68	51	60	35
23	64	50	38	31	60	37	46	22	64	32	72	52	53	27	48	26	71	51	66	49	67	32
24	65	48	38	29	56	30	43	22	68	40	70	56	53	33	47	29	69	55	74	44	68	43
25	65	49	43	29	60	25	42	23	.....	32	70	49	54	31	49	32	68	41	74	46	68	39
26	64	48	49	24	62	27	40	24	.....	34	70	45	59	24	51	25	57	38	74	44	65	39
27	72	35	48	25	65	28	42	25	.....	36	70	44	59	25	50	24	71	39	74	43	65	35
28	60	37	44	21	54	21	45	26	.....	35	69	45	49	29	43	29	63	38	71	45	63	34
29	62	31	48	16	55	22	40	20	.....	36	67	41	55	20	46	17	67	35	72	41	58	28
30	62	37	36	20	54	28	36	18	75	36	60	43	44	31	48	26	61	41	62	45	54	35
Means	70.4	42.2	47.5	27.4	62.4	32.7	49.2	26.5	*82.4	39.6	72.2	50.9	57.6	31.4	52.6	28.6	71.3	47.7	76.4	50.9	70.3	41.0

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