U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

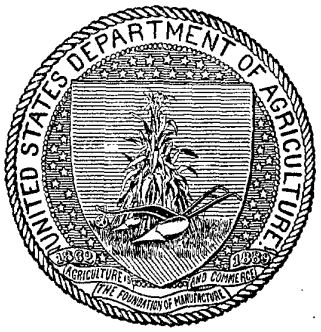
CLIMATOLOGICAL SERVICE

DISTRICT No. 10, GREAT BASIN

ALFRED H. THIESSEN
DISTRICT EDITOR

REPORT FOR AUGUST, 1912

Prepared under direction of WILLIS L. MOORE, Chief U. S. Weather Bureau



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DISTRICT No. 10, GREAT BASIN.

ALFRED H. THIESSEN, District Editor.

GENERAL SUMMARY.

August, like the preceding month, was unusually cool for the district as a whole. In the Utah area the temperatures averaged as cool as any previous August except in 1899. This cool weather was due to an unusual number of high-pressure areas passing over the Northwest, although the pressure over the Great Basin averaged about normal.

The precipitation averaged about normal for the district as a whole. There were several severe local storms causing considerable damage in limited areas. In Cache Valley, in the northern part of the Utah area, a heavy wind and hail storm occurred, causing thousands of dollars damage to grain and fruit besides injury to other property. The hailstones denuded the fruit trees of leaves, bruised the fruit, and perforated the leaves of the sugar beets; while the wind beat the grain and alfalfa to the ground.

At Reno, Nev., the heaviest precipitation known in one hour, 0.93 inch, fell on the 2d, flooding streets and basements. At Mazuma, Nev., another flood occurred on the 2d, doing considerable damage to roads, telephone lines, and other property. A wall of water 10 feet high is said to have swept down the canyon, destroying everything in its course. When peals of thunder were heard, persons in the canyon fled to the hills, and while no lives were lost there were some narrow escapes.

The average number of rainy days was 4, clear days 18, partly cloudy days 8, and cloudy days 5.

TEMPERATURE.

The temperature for the district averaged 66.6°, or 2° below normal. The local mean temperatures ranged from 76.5° (at Lemay, Utah) to 53.7° (at Woodruff, Utah). The highest local means occurred in the more level portions of the Utah area and in southern Nevada, while the lowest occurred in the extreme northeastern portion of the district.

Every station having a record long enough to compute a normal reported monthly mean temperatures below normal. The greatest minus departures occurred generally in the northern portion of the Utah area and in central Nevada.

The first week of the month was cool, and a few stations reported their highest temperatures during this period. This was followed by a warm spell of only a few days, when the weather turned cool again, and so remained until about the 20th. From this date a week of moderately high temperatures prevailed, when most of the maximum temperatures were observed. The last few days of the month were quite cool, the mercury falling to the freezing point and below at some stations.

The 18th, 19th, 30th, and 31st were the coldest days in the district, most of the stations reporting temperatures below freezing, the lowest being 23° at Cliff, Oreg., on the 23d; Burns, Oreg., on the 25th; and at Quinn River Ranch, Nev., on the 30th. The lowest in the other States having areas in this district were 29° at Cokeville, Wyo., on the 31st; 30° at Grace, Idaho, on the 31st; 24° at Woodruff, Utah, on the 19th; and 28° at Tahoe, Cal., on the 30th.

The afternoon temperatures of the month were moderate, many stations reporting maximums of less than 90°. The following are the highest temperatures that occurred in the various areas of the several States in this district: 90°, at Border, Wyo., on the 26th; 92°, at Weston, Idaho, on the 9th; 103°, at Low, Utah, on the 25th; 100°, at Burns, Oreg., on the 23d; 81°, at Tahoe, Cal., on the 6th; and 110°, at Jean, Nev., on the 8th.

PRECIPITATION.

The precipitation averaged nearly normal. The map showing the departure of the August rainfall from the normal exhibits the usual phenomenon of summer rain distribution, stations quite near one another reporting amounts some above and others below normal.

Compared with the normal, large amounts fell in the northern half of the Utah area and in the northeastern and central portions of the Nevada area.

The largest monthly amount was 2.55 inches at Pine Cliff Ranch, Utah, while 13 stations reported no rain or only a trace.

Three rainy periods marked the weather of the month—one from the 1st to the 3d, another from the 13th to the 18th, and the last beginning on the 26th and lasting a few days.

MISCELLANEOUS.

The cooperative observer, Mr. H. R. Antes, of Aneth, Utah, reported an earthquake shock, occurring at about 2.12 p. m. August 18. It was of sufficient force to shake the chair on which he was sitting.

TABLE 1.—*Climatological data for August 1912. District No. 10, Great Basin.*

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.																				
Border	Uinta	6,085	10	59.6	— 0.7	90	26	31	31	49	1.34	+ 0.31	0.65	0	4	12	9	10	w.	S. W. Condron.
Cokeville	do	6,204	2	57.2	.....	89	14	29	31	54	1.78	.....	0.55	0	8	24	4	3	w.	E. J. Tuckett.
Evanston	do	6,860	16	58.8	— 2.1	87	26	33	31	47	1.51	+ 0.55	0.42	0	6	20	10	1	sw.	Frank Tucker.
Idaho.																				
Geneva	Bear Lake	6,171	4	.....	.....	.....	.....	.....	.....	.....	1.23	.....	0.58	0	4	24	6	1	.....	F. W. Boehme.
Grace	Bannock	5,400	5	64.0[b]	.....	90	9†	30[c]	31	47[c]	1.93	.....	0.90	0	7	17	6	8	n.	Donald R. Shirk.
Paris	Bear Lake	5,946	17	59.4	— 3.1	87	26	32	31	45	1.55	+ 0.66	0.62	0	6	19	5	7	sw.	John Norton.
Weston	Oneida	4,460	14	64.0	— 2.6	92	9	38	30†	49	2.25	+ 1.13	0.98	0	7	22	2	7	sw.	Wm. T. Chatterton.
Utah.																				
Alpine	Utah	4,900	13	.....	.....	.....	.....	.....	.....	.....	1.13	— 0.24	0.34	0	5	21	10	0	.....	T. F. Carlisle.
Beaver	Beaver	6,000	8	66.4	.....	90	10†	39	30†	41	0.70	.....	0.22	0	5	15	15	1	s.	M. J. Shelton.
Black Rock	Millard	4,872	8	67.6	.....	96	8	34	19	53	T.	.....	T.	0	0	19	11	1	s.	W. D. Livingston.
Burrville	Sevier	6,800	1	60.1	.....	86	9	34	31	44	0.15	.....	0.10	0	2	.....	.....	.....	.....	F. R. Curtis.
Castle Rock	Summit	6,244	7	.....	.....	.....	.....	.....	.....	.....	2.28	.....	0.70	0	9	18	7	6	w.	David Moore.
Cedar City	Iron	5,750	7	71.0	.....	92	23	53	1	30	0.47	.....	0.18	0	5	20	4	7	sw.	Parley Dalley.
Center	Tooele	4,250	....	67.2	.....	95	9†	38	19	54	0.22	.....	0.19	0	3	20	5	6	s.	L. C. Peterson.
Clarkston	Cache	5,930	.....	.....	.....	.....	.....	.....	.....	.....	2.45	.....	0.95	0	4	18	11	2	.....	W. J. Griffiths.
Corinne	Boxelder	4,240	42	69.0	— 5.4	99	9	40	18	45	1.82	+ 1.24	1.00	0	3	14	4	13	.....	A. C. Murphy.
Deseret	Millard	4,541	17	70.4	— 0.8	96	24	43	19†	45	0.16	— 0.41	0.08	0	3	22	6	3	s.	S. W. Western.
Erekson	Tooele	4,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N. W. Erekson.
Enterprise	Washington	5,750	6	.....	.....	.....	.....	.....	.....	.....	0.87	.....	0.87	0	1	16	5	10	s.	John Day.
Farmington	Davis	4,267	11	69.4	— 1.0	90	1†	45	18	40	1.52	+ 0.65	0.60	0	6	21	10	0	s.	Charles Boylin.
Fillmore	Millard	5,100	20	73.8	— 0.6	100	25	46	19	37	0.27	— 0.68	0.11	0	5	.....	.....	.....	.....	J. J. Starley.
Frisco	Beaver	7,318	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Essen Nordberg.
Garrison	Millard	4,850	9	67.6[i]	.....	92	30	36	18†	54	0.12	.....	0.12	0	1	12[i]	4[i]	3[i]	s.	E. M. Smith.
Government Creek	Tooele	5,277	11	69.3	— 2.6	94	24	40	30	40	0.36	— 0.88	0.10	0	5	13	9	9	n.	Walter James.
Granger	Salt Lake	4,560	....	69.2[d]	.....	92	9	48	31	37	0.77	.....	0.30	0	4	.....	.....	.....	.....	Geo. E. Greene.
Grantsville	Tooele	4,220	1	.....	.....	.....	.....	.....	.....	.....	0.47	.....	0.24	0	4	16	14	1	.....	J. C. Woodmansee.
Grouse Creek	Boxelder	5,148	4	.....	.....	.....	.....	.....	.....	.....	1.50	.....	0.49	0	6	13	10	8	sw.	Philip Paskett.
Heber	Wasatch	5,593	19	62.3	— 2.5	89	9	35	24	53	1.19	+ 0.15	0.42	0	8	21	5	5	s.	John Crook.
Henefer	Summit	5,301	12	62.2	— 2.0	93	26	35	31	53	2.18	+ 0.98	0.93	0	9	14	13	4	w.	William Brewer.
Hooper	Weber	4,436	1	.....	.....	.....	.....	.....	.....	.....	2.27	.....	1.03	0	3	.....	.....	.....	.....	T. M. Jones, jr.
Ibapah (near)	Tooele	7,500	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. S. Lawton.
Ibex	Millard	5,250	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John J. Watson.
Iosepa	Tooele	4,356	1	72.4	.....	100	26	44	19	44	0.36	.....	0.14	0	4	13	7	11	n.	Geo. K. Hubbell.
Joy	Juab	5,000	....	68.2	.....	97	9	42	30	39	0.35	.....	0.35	0	1	.....	.....	.....	.....	A. M. Laird.
Junction	Piute	6,000	.....	.....	.....	.....	.....	.....	.....	.....	0.43	.....	0.18	0	3	22	8	1	s.	Joseph Jensen.
Kanosh	Millard	5,250	2	.....	.....	.....	.....	.....	.....	.....	0.36	.....	0.17	0	4	.....	.....	.....	.....	Geo. Crane.
Kelton	Boxelder	4,230	32	67.2	— 7.0	93	9	40	31	42	0.70	+ 0.50	0.32	0	4	4	25	2	sw.	F. W. Klock.
Lemay	do	4,221	1	76.5	.....	90	9†	53	1	34	1.45	.....	1.10	0	3	22	6	3	.....	Agent S. P. Co.
Levan	Juab	5,010	22	69.2	— 0.7	94	9	42	19	40	0.26	— 0.69	0.09	0	6	23	5	3	sw.	William Brown.
Logan	Cache	4,507	21	66.5	— 4.2	89	24	46	30	37	1.31	+ 0.54	0.70	0	6	.....	.....	.....	.....	Utah Exp. Station.
Low	Tooele	4,602	....	75.9	.....	103	25	48	31	44	0.55	.....	0.20	0	4	8	19	4	n.	Agt. W. P. Ry. Co.
Lucin	Boxelder	4,504	5	71.6	.....	96	25	40	21	45	0.55	.....	0.50	0	3	19	0	12	.....	C. C. Herrigton.
Lund	Iron	5,086	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Job. F. Hall.
Manti	Sanpete	5,575	17	66.5	— 1.8	89	9	44	20†	42	0.44	— 0.25	0.31	0	3	13	5	13	.....	J. M. Anderson.
Maple Creek	Utah	4,850	.....	.....	.....	.....	.....	.....	.....	.....	0.68	.....	0.23	0	10	21	8	2	.....	Lewis W. Gillilan.
Marion	Summit	6,400	7	.....	.....	.....	.....	.....	.....	.....	2.53	.....	0.75	0	10	6	4	21	s.	Jas. Woolstenhulme.
Marysvale	Piute	6,076	12	64.8	— 0.1	91	9	29	19†	47	0.39	— 1.28	0.09	0	6	7	14	10	s.	John W. Henry.
Meadowville	Rich	6,200	11	60.8	— 2.8	87	26	36	19†	44	1.80	+ 0.78	0.90	0	6	21	3	7	w.	J. S. Moffat.
Midlake	Boxelder	4,235	1	73.5	.....	83	10†	58	18	17	0.30	.....	0.30	0	1	20	7	4	.....	Agent S. P. Co.
Midvale	Salt Lake	4,365	....	71.0	.....	98	9†	45	7†	41	0.60	.....	0.30	0	5	22	5	4	s.	M. J. Joy.
Milford	Beaver	4,962	4	74.2	.....	98	15	44	29†	36	0.00	.....	0	0	0	28	0	3	s.	Agent Salt Lake Route.
Mills	Juab	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.55	.....	0.21	0	4	.....	.....	.....	.....	Geo. McCune.
Millville	Cache	4,848	17	.....	.....	.....	.....	.....	.....	.....	1.37	.....	0.61	0	7	13	18	0	n.	Fred Yeates.
Minersville	Beaver	5,070	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	George Roberts, sr.
Modena	Iron	5,479	11	66.9	— 1.7	92	23	44	19	45	0.13	— 1.70	0.09	0	3	23	7	1	sw.	U. S. Weather Bureau.
Morgan	Morgan	5,068	7	65.1	.....	95	26	40	31	49	2.23	.....	0.97	0	6	.....	.....	.....	.....	E. O. Kingston.
Moroni	Sanpete	5,519	4	68.0	.....	88	13†	48	19†	34	0.47	.....	0.12	0	5	16	6	9	sw.	B. F. Ellason.
Mosida	Utah	4,510	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. P. Curtis.
Mount Nebo	do	4,650	10	72.0	.....	98	24	45	19	46	0.28	.....	0.09	0	5	22	8	1	s.	D. C. Walkey.
Nephi (near)	Juab	5,119	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	S. Boswell.
Newcastle	Iron	5,150	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T. W. Jones.
Oak City	Millard	4,900	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Peter Nielson.
Ogden	Weber	4,310	41	68.6	— 8.1	97	7	42	18	48	1.23	+ 0.67	0.72	0	3	14	10	7	w.	A. Van De Graff.
Panguitch	Garfield	6,560	....	59.8	.....	88	26	32	19	51	0.72	.....	0.43	0	4	15[d]	6[d]	6[d]	.....	John N. Henrie.
Park City	Summit	7,800	7	59.0	.....	88	23	31	8†	55	2.30	.....	1.09	0	6	9	10	12	.....	Gertrude Evans.
Park Valley	Boxelder	5,200	1	.....	.....	.....	.....	.....	.....	.....	1.64	.....	0.76	0	8	10	16	5	se.	A. O. Evans.
Parowan	Iron	5,970	21	67.4	— 1.9	90	23	44	15	38	0.74	— 0.74	0.29	0	6	20	2	9	.....	Alex. Matheson.
Payson	Utah	4,637	8	.....	.....	.....	.....	.....	.....	.....	0.33	.....	0.12	.....	6	14	14	3	ne.	D. L. Coombs.
Pelican Point	do	4,600	1	.....	.....	.....	.....	.....	.....	.....	0.46	.....	0.20	.....	4	21	10	0	.....	B. M. Mendenhall.
Pine Cliff Ranch	Summit	8,250	1	58.4	.....	83	26	35	20	38	2.55	.....	0.66	0	7	.....	.....	.....	.....	L. E. Leavitt.
Pinto	Washington	5,907	14	61.2[a]	— 3.7	88	23	37	22	50	0.92	— 1.12	0.42	0	3	18[a]	9[a]	3[a]	s.	J. H. Harrison.
Plentiful	Tooele	4,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. L. Drumm.
Promontory	Boxelder	4,913	33	.....	.....	.....	.....	.....	.....	.....	0.17	— 0.22	0.10	0	3	.....	.....	.....	.....	F. C. Houghton.
Provo	Utah	4,532	23	68.5	— 2.6	98	9	40	8†	53	0.66	— 0.02	0.35	0	6	13	16	2	n.	James A. Oliver.
Randolph	Rich	6,442	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wm. Rex.
Revier	Salt Lake	5,066	1	.....	.....	.....	.....	.....	.....	.....	1.28	.....	0.30	0	7	.....	.....	.....	.....	E. L. Terry.
Richfield	Sevier	5,350	18	67.5	— 0.2	92	9	42	19	44	0.38	— 0.36	0.20	0	2	15	12	4	.....	Joseph J. Jensen.
Richmond	Cache	4,529	.....	.....	.....	.....	.....	.....	.....	.....	3.03	.....	0.81	0	10	7	17	6	.....	J. R. Thompson.
Saltair	Salt Lake	4,220	8	71.7	.....	91	9	53	19	24	2.00	.....	0.90	0	7	.....	.....	.....	.....	E. J. Bench.
Salt Lake City	do	4,360	38	72.5	— 3.0	94	9	49	18	31	0.70	— 0.08	0.28	0	8	19	9	3	sw.	U. S. Weather Bureau.
Scipio	Millard	5,260	17	67.6	— 1.0	92	11†	35	19	48	0.43	— 0.63	0.21	0	4	15	9	7	sw.	Thos. Memmott.
Showell	Boxelder	4,650	....	64.7	.....	92	13†	32	31	52	1.79	.....	1.15	0	6	17	14	0	.....	Richard Ilgner.
Silver City	Juab	6,127	2	.....	.....	.....	.....	.....	.....	.....	0.52	.....	0.22	0	3	13	8	10	.....	J. L. Stark.
Spanish Fork	Utah	4,585	2	71.4	.....	95	23	49	19†	41	0.57	.....	0.23	0	5	15	15	1	.....	U. S. Rec. Service.
Strawberry Tunnel, west.	do	7,650	6	60.8	.....	89	5	38	31	42	1.57	.....	0.35	0	8	16	11	4	.....	Do.
Thistle	do	5,075	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John Thorgierson.
Tooele	Tooele	4,900	16	68.6	— 4.0	92	9†	46	19†	35	1.17	+ 0.14	0.43	0	9	3	13	15	ne.	E. A. Bonelli.
Utah Lake Pumping Station.	Utah	4,500	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. A. Knight.

TABLE 1.—*Climatological data for August, 1912. District No. 10*—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.		
Utah—Continued.																				
Vernon	Tooele	5,500									1.31		1.08	0	6	18	11	2	sw.	Glynn Bennion.
Wendover	do	4,237	1	74.2		99	9	45	31	34	0.41		0.26	0	3	11	18	2		J. S. Cooper.
Whisky Creek	Millard	4,850	1								0.10		0.10	0	1					George Stevens.
Winder	Garfield	8,000																		C. H. Mangum.
Woodruff	Rich	6,500	10	53.7[a]		85	9	24	19	55[a]	3.23		1.42	0	8	16[a]	12[a]	2[a]	sw.	A. L. Eastman.
Oregon.																				
Burns	Harney	4,157	21	64.1	− 0.7	100	23	25	29	58	0.44	+ 0.30	0.44	0	1	25	5	1		J. C. Welcome, jr.
Cliff	Lake	4,300	5	57.4		92	23	23	30	55	0.98		0.30	0	8	7	19	5	nw.	John C. Green.
Paisley	do	4,500	9																	E. C. Woodward.
Silver Lake	do	4,700	15	60.6	− 0.3	91	24	31	31	48	1.45	+ 1.13	0.49	0	6	13	16	2	w.	G. W. Marvin.
California.																				
Tahoe	Placer	6,240	2	56.6		81	6†	28	30	44	0.00		0.00	0	0	30	1	0	w.	R. M. Watson.
Truckee	Nevada	5,819	41																	Southern Pacific Co.
Nevada.																				
Austin	Lander	6,594	23	66.0	− 2.3	91	7	38	18	43	0.65	+ 0.10	0.40	0	2	26	1	4	s.	F. O. Booe.
Battle Mountain	do	4,843	41	69.9	− 4.2	104	25	34	29†	62	0.20	+ 0.06	0.20	0	1	22	7	2	w.	Southern Pacific Co.
Beowawe	Eureka	4,905	41			100	15				0.76	+ 0.61	0.50	0	2	28	0	3	w.	Do.
Carlin	Elko	5,232	41	66.2	− 2.9	100	8†	28	30	63	0.27	+ 0.09	0.27	0	1	29	0	2		Do.
Carson Dam	Churchill	4,032	5	69.2		93	7†	40	30	40	0.18		0.18	0	1	23	7	1	w.	U. S. Reclamation Service.
Cherry Creek	White Pine	6,450	4	66.2		93	24	40	19†	42	0.61		0.18	0	10	15	13	3	w.	J. H. Leishman.
Clover Valley	Elko	6,000	11																	I. F. Wiseman.
Columbia	Esmeralda	5,750	5	70.2		96	7	44	18†	41	0.00		0.00	0	0	30	1	0	se.	A. Booth.
Dry Farm	Elko	5,600	0																	Walfrid Sohlman.
Elko	do	5,432	41	63.2	− 4.9	94	8	28	31	55	0.59	+ 0.29	0.27	0	7	18	7	6	w.	E. J. Clark.
Ely	White Pine	6,421	21	68.4	+ 3.8	90	25	36	30	42	0.15	− 1.11	0.08	0	3	18	8	5	s.	R. E. Middagh.
Eureka	Eureka	6,500	9	65.9		92	23	35	18†	41	0.53		0.47	0	3	15	8	8	s.	Clay Simms.
Fallon	Churchill	3,965	7	68.2		97	8	39	18†	47	0.18		0.18	0	1	27	2	2	ne.	U. S. Experiment Station.
Fernley	Lyon	4,200	39	70.6	− 4.6	98	6	38	30	47	0.70	+ 0.53	0.65	0	2	24	7	0	w.	Mrs. G. A. Steele.
Gardnerville	Douglas	4,830	12	62.0	− 6.2	85	23†	34	30	48	T.	− 0.20	T.	0	0	21	7	3	w.	W. M. Maule.
Gerlach	Washoe		0	70.8		95	7	32	17	41	0.30		0.30	0	1				se.	Western Pacific Co.
Geyser	Lincoln		8																	Mrs. J. F. Wambolt.
Golconda	Humboldt	4,697	33	68.2	− 4.4	95	8	36	30	44	0.40	+ 0.31	0.35	0	2	13	7	11	w.	Southern Pacific Co.
Halleck	Elko	5,631	19	63.9	− 2.8	95	8†	31	18	58	0.19	0.00	0.13	0	2	25	2	4		Do.
Hawthorne	Mineral	4,569	18	73.0	− 1.0	97	8	48	31	41	0.00	− 0.24	0.00	0	0	25	4	2	w.	G. B. Stannard.
Jean	Clark	2,074	4	76.8		110	8	46	31	55	0.20		0.20	0	1	30	1	0	nw.	Salt Lake Route.
Lahontan	Churchill		0	74.1		98	7	46	29	43	0.33		0.22	0	2	27	4	0	w.	U. S. Reclamation Service.
Lewers' Ranch	Washoe	5,500	24	63.0	− 5.1	88	9	35	30	42	0.20	− 0.14	0.20	0	1	24	5	2		Ross Lewers.
Lovelocks	Humboldt	3,977	18	66.8	− 8.8	96	23	37	18	53	0.17	+ 0.14	0.11	0	3	21	7	3	sw.	A. P. Tilford.
McDermitt	do	4,700	23	64.8	− 7.5	94	23	30	30	42	0.15	0.00	0.13	0	2	18	9	4	w.	Scott Sterling.
Millett	Nye		4	64.2		93	8	30	31	54	0.10		0.10	0	1	22	6	3	w.	Fred J. Jones.
Mina	Mineral	4,600	5																	Southern Pacific Co.
Oasis Ranch	Esmeralda	5,106	0	69.0		96	9†	41	31	48	0.00		0.00	0	0	30	1	0	s.	A. S. Patterson.
Potts	Nye	6,990	19	60.0	− 7.8	89	12	30	19	50	0.20	− 0.46	0.15	0	2	9	11	11	s.	Miss Mamie Potts.
Quinn River Ranch	Humboldt	4,850	10	65.2[c]	− 2.3	98[c]	22	23[c]	30	58	0.11	− 0.30	0.06	0	2				s.	F. M. Payne.
Rebel Creek	do		0	65.8		97	23	28	30	54	0.38		0.38	0	1	20	9	2	sw.	E. J. Hyatt.
Reno	Washoe	4,532	41	66.3	− 0.7	93	23	37	30	44	0.96	+ 0.71	0.96	0	2	25	5	1	w.	U. S. Weather Bureau.
Soda Lake	Churchill	4,534	5																	U. S. Reclamation Service.
Tecoma	Elko	4,812	34	62.7	−10.1	100	24†	24	30	61	0.73	+ 0.50	0.35	0	4	13	10	8	se.	Southern Pacific Co.
Tonopah	Nye	6,090	7	69.6		89	7	46	18	31	0.00		0.00	0	0	26	5	0	se.	U. S. Weather Bureau.
Wells	Elko	5,631	40	65.6	− 3.0	94	7†	40	3†	50	0.90	+ 0.70	0.40	0	3	28	0	3		Southern Pacific Co.
Winnemucca	Humboldt	4,432	33	66.7	− 4.1	96	23	36	31	48	0.13	− 0.04	0.02	0	2	22	5	4	sw.	U. S. Weather uBreau.

[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 August, 1912. District No. 10, Great Basin.*

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Wyoming.																																	
Border	Bear	T.		T.											T.	.65	T.	.20									.04	.45					1.34
Cokeville	do	.18	T.	.46			T.									.55		.08	.11								.10	.21	.09				1.78
Evanston	do	.35		.18										.03		.35		T.	.42								T.	.18					1.51
Idaho.																																	
Geneva	Bear	.14	.29															.22									.58						1.23
Grace	do	.30		.03	.03											.90	.05		.60									.02					1.93
Paris	do	.10	.15	.05												.62		.50										.13					1.55
Weston	do	.23		.10												.98		.07	.14				.20					.53					2.25
Utah.																																	
Alpine	G. S. Lake	.12														.32		.21									.34	.14					1.13
Beaver	Sevier Lake		.20	.03											.07										T.		.22		T.	.18			0.70
Black Rock	do														T.																		T.
Burrville	do														.05												.10						0.15
Castle Rock	G. S. Lake	.36		.70											.01	.43		.05	.35									.35		.01	.02		2.28
Cedar City	Desert		.18												.16												.08			.01	.04		0.47
Center	do	.01	T.	.02										T.	T.	.19			T.			T.					T.	T.		T.			0.22
Clarkston	G. S. Lake	.72													.95				.35									.43					2.45
Corinne	do	1.00														.57											.25						1.82
Deseret	Sevier Lake														.05										.08		.03			T.			0.16
Erekson	Desert																																
Enterprise	G. S. Lake																															.87	0.87
Fairfield	do																																
Farmington	do	.60	.06	.20													T.	.25								T.	.35	.06					1.52
Fillmore	Sevier Lake		.11												.02												.03	.04			.07		0.27
Frisco	Desert																																
Garrison	do													T.	.12												T.						0.12
Government Creek	do	.08		.10												.06		T.	.04								.08						0.36
Granger	do	.22														.20			.30									.05			T.		0.77
Grantsville	G. S. Lake	.02	.05													.16			.24														0.47
Grouse Creek	Desert	.47	T.	.13		.02						T.	.22					.49										.17					1.50
Heber	G. S. Lake	.05													.15	.15		.10	.12								*	.42		.20			1.19
Henefer	do	.20	T.	.13										.22	T.	.93		1.07	.30								.03	.25		.05			2.18
Hooper	do	1.03								.50				.74																			2.27
Ibapah (near)	Desert																																
Ibex	do																																
International	G. S. Lake																																
Iosepa	Desert	.14	.05												T.				.07								T.	.10					0.36
Joy	do	.35																															0.35
Junction	Sevier Lake		.12												.13										T.			T.		.18			0.43
Kanosh	do			.10										.05													.17		.04				0.36
Kelton	G. S. Lake	.32	.15															.13									.10	T.					0.70
Lemay	Desert	1.10	.05															.30															1.45
Levan	Sevier Lake		T.												T.	.02		.01									.02	.04		.09	.08		0.26
Logan	G. S. Lake	.08	.15													.70	.04	.29									.05						1.31
Low	do	.20	.10													.10												.15					0.55
Lucin	Desert																	.05									.25	.25					0.55
Lund	do																																
Manti	Sevier Lake	T.	.31							T.					T.			T.							T.		T.	.07		.06			0.44
Maple Creek	G. S. Lake	.23	.02	.02											.03	.19		.03								.02	.01		.03	.10			0.68
Marion	do	.29	.18	.22										.10	.20	.40		.04	.30									.75		.05			2.53
Marysvale	Sevier Lake	T.	.09	.04									T.	.09	.08	T.		T.				T.				T.	.03	T.		T.	.06		0.39
Meadowville	G. S. Lake	.20												T.		.90	.15		.05									.40	.10				1.80
Midlake	do		.30													T.											T.						0.30
Midvale	do		.02												.30			.21									.04	.03					0.60
Milford	Sevier Lake																																0.00
Millville	G. S. Lake	.23	.20	T.												.61	.03		.18							.08		.04					1.37
Mills	Sevier Lake	T.	.10											T.	T.	.04		T.							T.		.21		T.	T.	.20		0.55
Minersville	do																																
Modena	Desert		.02												.09										T.		T.				.02		0.13
Morgan	G. S. Lake	.35	.20	.02												.44			.25									.97					2.23
Moroni	Sevier Lake	T.	.10	.07						T.					T.		.10	T.									T.	.12	T.	.08			0.47
Mosida	G. S. Lake																																
Mount Nebo	do	.03	T.												.05	.09		T.									.09			.02			0.28
Nephi (near)	do																																
Newcastle	Desert																																
Oak City	Sevier Lake																																
Ogden	G. S. Lake	.39	.12																.72														1.23
Panguitch	Desert		.14												T.										.43					.10	.05		0.72
Park City	G. S. Lake	.03	.01						.07					.05													1.05	1.09					2.30
Park Valley	Desert	.76	.04	.03		T.									.10	.03		.43									.10	.15					1.64
Parowan	do	T.	.09												.11			.02										.11		.12	.29		0.74
Payson	G. S. Lake	.12	.03	.05												.06											T.	.03		.04			0.33
Pelican Point	do																.20		.07								.11			.08			0.46
Pine Cliff Ranch	do	.36	.21													.66			.51									.64	.08		.09		2.55
Pinto	Desert			.15											.42												T.				.35		0.92
Plentiful	G. S. Lake																																
Promontory	do	.10													.02													.05					0.17
Provo	do	.25	.05												T.	.35		.10	.02								T.	.12					0.66
Randolph	do																																
Revier	do	.19	.06												.23			.08	.25			T.					.30	.17					1.28
Richfield	Sevier Lake		.20																								.18						0.38
Richmond	G. S. Lake	.81	.40											.10	.69	.02	.05	.50	.02								.29	.15					3.03
Saltair	do	.90	.30	.01												.22			.44								.09	.04					2.00
Salt Lake City	do	.01	.04												.03	.19		T.	.28								.02	.06		.07			0.70
Scipio	Desert	.02	T.															T.									.09	.11		.21			0.43
Showell	do	1.15			.10	.08												.18	.13									.15					1.79
Silver City	do	.10													.20												.22						0.52
Spanish Fork	G. S. Lake	.23	T.	.04											.08	.15		T.	T.								T.	T.		.07			0.57
Strawberry Tunnel W.	do	.16	.21	.17										T.	T.	.35	T.	.28	T.								.09	.10		.21			1.57
Thistle	do																																
Tooele	do	.23	.11	.05	.01											.21		T.	.43	.01							.09	.03					1.17
Utah Lake Pumping Station.	do																																
Vernon	Desert	T.	.07											T.	T.	.03	.02										.01	.10	1.08				1.31
Wendover	do	.10	.26																								.05						0.41
Whisky Creek	do							.10																									0.10
Winder	Sevier Lake																																
Woodruff	G. S. Lake	.61	1.42	.10												.50		.10	.30								.15		.05				3.23

TABLE 2.—*Daily precipitation for August, 1912. District No. 10*—Continued.

Stations.	Watershed.	Day of month.																													Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
California.																															
Bijou	Truckee																														
Boca	do																														
Bridgeport	East Walker												.02																		0.02
Deer Park	Truckee																														
Glen Alpine	do																														
Hobart Mills	do																														0.00
Lundy	East Walker																														0.00
Markleeville	East Carson	T.																											.06		0.06
Shields Ranch	East Walker	.03																													0.03
Silver Creek	East Carson	.04																											.04	.08	0.16
Tahoe	Truckee																														0.00
Tallac	do	.12																				T.									0.12
Truckee	do																														
Woodfords	West Carson																														
Oregon.																															
Adel	SE. drainage.																														
Ana River	do		.12	.06										T.	.03			.20										.27			T.	0.68
Bear Valley	do	.10	.70	.05											T.	.02	.04	.13										.15		.06		1.25
Burns	do	.44																										T.			0 44
Burns Mill	do			.35	.65									.15					.17											.15	.14	1.61
Christmas Lake	do		.09												.02	.09		.20									T.	.32		T.		0.72
Cliff	do	.20	.05	.06										T.	.04	.15		.15										.30		.03		0.98
Diamond	do	.05	.24	.27																									.05	T.		0.61
Embody	do	.15	.05											.50	.05	.20		.05												.30	.10	1.40
Fort Rock	do	.07	T.											.07	.15			.15			T.	T.						T.	.15	.05		0.64
Paisley	do																														
Seneca	do	.20		.90												T.		T.											.12	T.	.05	1.27
Silver Lake	do		.37													.29		.20			.08								.49	.02		1.45
Valley Falls	do		.09	.44										.01				.16										.04		.05		0.79
Nevada.																															
Arthur	Humboldt	.30	.20												.20			.20									.20					1.10
Austin	Reese													.25													.40					0.65
Battle Mountain	Humboldt													T.													.20					0.20
Beowawe	do	.59																									.17					0.76
Bishop	do	1.10	.37											.02	T.			T.									.07					1.56
Carlin	do																										.27					0.27
Carson Dam	Carson	T.	.18																													0.18
Cherry Creek	Humboldt	.01	.05	.18										T.	.05			.01	.04		.02				.01		.11	.13				0.61
Clover Valley	do																														
Columbia	Desert																														0.00
Dry Farm	Humboldt																														
Elko	do	.27	.03	T.										T.	.07		*	.06									.02	.14				0.59
Ely	do		*	.07										.08													T.	T.				0.15
Eureka	do	.03	.03											T.												T.	.47					0.53
Fallon	Carson		.18											T.	T.																	0.18
Fernley	Truckee	.65	.05																													0.70
Gardnerville	Carson																				T.											T.
Gerlach	Desert	.30																														0.30
Geyser	Humboldt																															
Glenbrook	Truckee																															
Golconda	Humboldt	.05	.35																													0.40
Halleck	do	.13	.06																													0.19
Hawthorne	Desert																															0.00
Jean	do																										20					0.20
Lahontan	Carson	.11	.22																													0.33
Lewers Ranch	Truckee		.20																													0.20
Lovelocks	Humboldt	.03	.11																													0.17
McDermit	do	.13																	.03													0.15
Massacre Lakes	Desert	T.	.07	T.														.02														0.07
Mill City	Humboldt																	T.			T.	T.							T.			T.
Millett	Reese														T.												T.					0.10
Mina	Desert																															
North Fork	Humboldt	T.	.02											.15	T.			T.									.10					0.27
Oasis Ranch	Desert																															0.00
Potts	Reese																										.15	.05				0.20
Quinn River Ranch	Humboldt	.06	.05																													0.11
Rebel Creek	do	.38	T.	T.														T.														0.38
Reno	Truckee	.03	.93																		T.											0.96
Skelton	Humboldt	.13	.04															.21									.42					0.80
Smith	West Walker	.05	.05										.10	.05																		0.25
Soda Lake	Carson																															
Spooners Ranch	Truckee	T.	T.																													T.
Sweetwater	East Walker																															
Tecoma	Humboldt	.11												T.			.12	.35									.15					0.73
Tonopah	Desert																															0.00
Wells	Humboldt	.20												.40				.30														0.90
Willow Point	Little Humboldt																															0.00
Winnemucca	Humboldt	.11	T.															T.									.02					0.13

* 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.

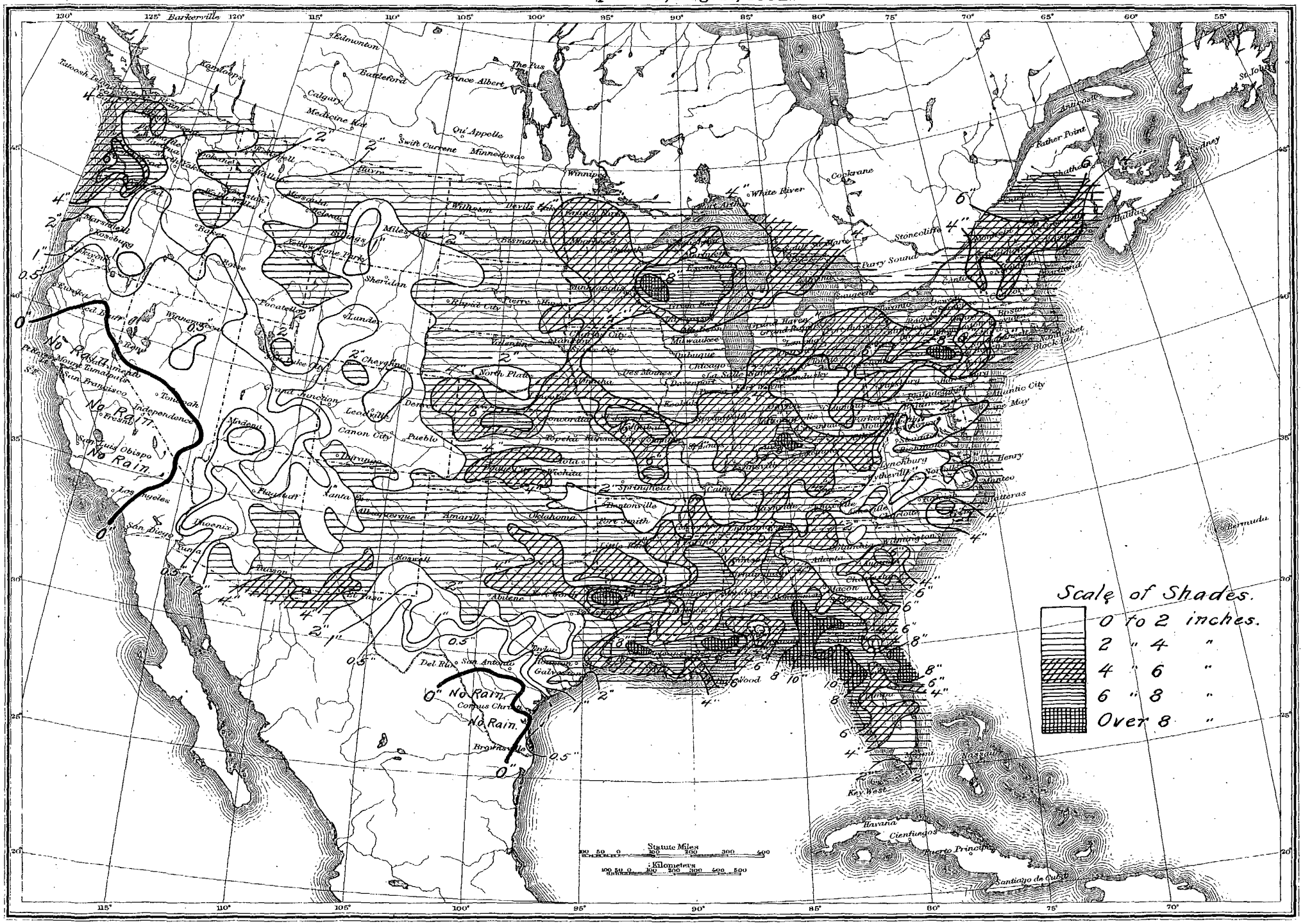
TABLE 3.—*Maximum and minimum temperatures for August, 1912. District No. 10, Great Basin.*

Date.	Wyoming.				Weston, Idaho.		Utah.																			
	Border.		Evanston.				Corinne.		Government Creek.		Joy.		Marysvale.		Meadowville.		Modena.		Ogden.		Parowan.		Provo.		Salt Lake 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.
1	64	51	68	51	68	58	73	58	81	54	87	52	81	49	68	53	78	48	85	49	80	50	84	57	78	59
2	78	41	76	43	81	47	73	55	84	60	86	51	86	46	77	45	81	51	87	50	84	55	91	50	83	59
3	85	46	73	47	80	53	84	53	85	52	89	50	85	44	77	48	81	47	88	54	83	52	91	49	83	60
4	74	42	75	40	81	47	88	66	82	49	87	50	83	44	78	43	84	45	90	55	89	54	88	44	79	60
5	69	36	77	37	74	42	86	53	87	51	90	55	84	41	79	40	87	44	94	52	86	51	91	45	88	59
6	83	43	76	42	85	45	88	54	85	54	89	54	89	42	78	45	89	50	95	53	89	49	90	48	84	61
7	70	43	70	43	76	53	84	57	82	51	88	52	88	44	69	49	91	50	97	55	87	52	84	45	80	63
8	80	38	78	38	84	46	89	51	91	51	92	54	88	42	75	40	91	48	93	54	89	52	93	40	91	60
9	88	40	83	41	92	43	99	54	93	59	97	65	91	45	86	43	88	52	89	50	88	52	98	50	94	65
10	81	39	79	42	87	48	90	58	90	60	94	60	86	45	81	47	84	49	91	51	86	55	96	46	90	71
11	82	39	78	38	87	45	87	53	89	55	90	56	88	46	79	44	85	51	88	51	88	54	93	44	86	62
12	82	39	80	41	89	45	89	53	88	55	93	60	87	47	82	45	87	52	90	52	88	54	94	47	88	63
13	85	38	81	44	89	49	91	58	90	64	84	56	90	51	81	46	87	54	87	50	83	53	97	50	91	66
14	84	39	76	42	85	55	89	57	89	63	86	61	76	57	77	50	76	57	86	48	72	56	89	56	82	66
15	70	50	71	50	73	54	80	57	83	50	70	43	83	41	71	49	82	45	90	47	80	44	82	55	81	59
16	74	46	70	45	67	50	74	54	74	54	76	55	83	41	67	48	81	46	91	47	81	47	83	46	74	64
17	80	45	67	45	73	52	75	54	79	48	80	48	79	50	77	45	78	45	91	46	78	52	80	53	78	58
18	68	34	62	40	67	46	72	40	73	43	84	45	78	52	61	45	78	45	90	42	77	50	76	49	69	49
19	70	34	68	34	75	40	77	45	79	43	88	55	81	39	70	36	80	44	85	43	79	48	71	40	75	53
20	80	38	78	38	79	41	80	52	84	47	90	51	84	39	73	38	82	45	83	46	84	48	89	43	81	57
21	81	38	80	39	86	45	83	57	86	51	86	54	84	40	85	41	85	47	88	48	85	51	91	44	84	59
22	82	38	81	38	84	43	86	53	88	54	89	53	87	42	79	43	90	45	90	47	88	54	93	44	88	62
23	86	37	83	39	85	45	86	56	90	53	86	54	85	44	82	40	92	49	86	48	90	52	96	43	90	62
24	84	39	85	38	90	47	90	48	94	58	82	49	86	44	84	45	89	58	87	49	85	53	95	44	93	63
25	86	40	84	40	91	53	91	58	92	62	80	44	88	43	85	53	89	54	85	46	88	52	95	46	92	67
26	90	42	87	44	90	47	93	52	90	65	81	46	88	48	87	43	84	59	84	49	83	57	96	50	94	67
27	86	41	74	52	78	57	90	55	86	56	80	45	80	57	77	54	81	60	86	49	79	57	87	60	86	65
28	82	40	75	46	81	49	92	50	85	57	79	43	84	50	77	47	78	58	83	47	82	55	90	56	85	70
29	82	35	72	46	75	42	85	55	82	57	80	45	79	53	72	52	77	58	84	48	74	56	85	61	75	61
30	80	36	70	40	73	38	75	45	75	40	75	42	65	56	71	38	72	50	84	48	71	50	81	45	72	54
31	75	31	72	33	78	38	82	43	84	50	79	43	81	41	73	36	76	50	85	47	71	45	87	42	82	55
Mns.	79.4	39.9	75.8	41.8	80.7	47.2	84.5	53.4	85.2	53.4	85.1	51.2	83.8	45.9	76.7	44.9	83.3	50.2	88.1	49.1	82.6	52.1	88.9	48.1	83.7	61.3

Date.	Burns, Oreg.		Nevada.																							
			Cherry Creek.		Elko.		Eureka.		Fallon.		Hawthorne.		Jean.		Lovelocks.		Millet.		Quinn River Ranch.		Reno.		Tecoma.		Tonopah.		Winnemucca.	
	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	92	36	78	53	79	56	75	48	85	55	89	65	96	49	82	56	80	49	80	57	81	57	80	42	76	54	77	58
2	95	40	79	51	82	45	76	49	80	52	83	56	99	52	82	47	81	45	86	49	78	51	78	36	77	58	82	51
3	90	36	78	46	78	43	80	42	83	44	83	54	100	53	82	42	81	45	83	41	78	45	85	41	78	52	78	44
4	89	35	80	46	83	42	82	42	87	46	89	54	99	49	89	47	84	44	88	39	87	49	83	42	83	56	86	49
5	89	40	85	47	88	44	86	48	94	55	91	57	102	52	91	46	88	41	90	44	87	49	90	31	87	65	89	50
6	92	40	86	51	87	44	87	49	93	51	94	58	103	49	94	49	90	43	93	58	91	53	92	35	88	64	91	53
7	92	41	84	50	88	43	87	48	95	56	95	59	105	50	94	55	91	44	96	40	92	54	90	35	89	69	92	53
8	89	40	91	53	94	44	90	60	97	53	97	60	110	60	95	49	93	45	91	35	86	53	95	33	89	67	93	50
9	90	42	89	60	90	43	88	61	90	50	92	57	103	58	87	48	90	47	85	51	82	56	97	35	86	65	87	52
10	88	38	87	51	85	40	87	47	90	47	89	59	99	60	89	48	89	44	88	44	85	48	95	37	82	56	86	54
11	92	44	86	50	88	42	88	59	93	51	94	57	98	58	93	49	89	45	.....	.....	90	54	95	34	83	61	91	46
12	90	46	87	54	91	41	88	51	94	54	94	61	99	58	95	48	91	45	93	43	90	55	95	35	85	62	93	51
13	93	49	87	59	90	54	88	53	92	58	90	63	96	57	93	61	85	46	92	58	88	55	97	42	84	63	92	60
14	90	45	76	51	84	45	83	49	90	54	90	59	95	53	90	55	80	49	89	56	82	52	90	40	82	58	88	59
15	85	40	81	47	83	41	81	48	86	50	90	56	98	56	86	45	85	44	82	50	77	50	87	45	79	56	83	51
16	80	30	74	50	81	43	77	39	76	48	77	56	97	56	77	40	86	47	71	41	77	45	86	30	74	47	74	49
17	82	40	69	50	70	50	74	44	79	44	83	51	95	55	78	45	77	47	69	37	72	45	85	31	75	55	74	43
18	83	40	73	41	74	40	76	35	78	39	84	52	94	52	78	37	80	38	76	36	79	39	76	31	77	46	75	37
19	80	35	80	40	80	32	82	42	85	42	87	58	99	54	86	45	83	37	82	36	84	45	70	32	80	57	81	43
20	84	35	83	48	86	41	82	51	90	46	91	60	96	51	89	47	85	40	93	39	86	50	90	35	80	60	89	47
21	94	39	84	47	88	43	83	50	90	49	92	56	101	59	90	48	85	39	93	54	87	49	90	36	81	61	91	54
22	96	40	86	48	91	41	87	52	92	50	93	52	102	60	93	45	88	41	98	40	91	52	98	37	86	63	94	47
23	100	42	91	49	92	37	92	54	95	50	95	56	104	61	96	43	90	42	97	43	93	52	98	37	86	67	96	48
24	96	40	93	52	93	39	90	54	95	53	92	62	103	60	94	45	90	43	93	42	90	55	100	40	85	62	94	47
25	96	42	91	60	91	41	90	52	94	47	95	58	101	60	94	43	90	44	91	40	92	48	100	40	85	64	92	48
26	95	40	86	59	90	41	84	59	93	51	96	60	98	58	93	44	86	48	93	39	82	54	98	42	79	63	94	47
27	93	39	81	52	81	51	83	52	85	42	91	58	98	55	84	39	83	47	87	44	77	43	90	45	76	54	82	44
28	85	35	80	56	82	35	80	53	85	42	86	52	95	54	86	42	81	76	.....	.....	74	45	90	35	74	52	80	40
29	83	25	74	56	77	39	74	39	76	41	76	54	93	54	75	41	77	39	.....	.....	71	43	88	35	72	51	71	41
30	85	29	70	42	74	31	76	35	77	39	78	51	92	49	78	41	79	35	75	23	75	37	80	24	72	46	76	37
31	88	34	80	40	79	28	82	41	87	43	89	48	92	46	79	38	84	30	82	33	77	45	80	27	78	53	80	36
Mns.	89.5	38.7	82.2	50.3	84.5	41.9	83.2	48.6	87.9	48.5	89.2	56.7	98.8	54.8	87.5	46.1	85.2	43.2	°87.0	°43.3	83.3	49.3	89.3	36.1	80.9	58.3	85.5	47.9

[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.

Total Precipitation, August, 1912.



Departure of the Mean Temperature from the Normal, August, 1912.