CLIMATOLOGICAL DATA FOR FEBRUARY, 1912.

DISTRICT No. 10, GREAT BASIN.

ALFRED H. THIESSEN, District Editor.

GENERAL SUMMARY.

In contrast to February, 1911, which was a very cold month, being about 5° below normal with nearly normal precipitation and unfavorable weather for farming operations, the stock also suffering considerably, the weather during the present February was generally mild, pleasant, and dry, being very favorable for all outdoor work, and the stock and ranges being in excellent condition. The temperature was considerably above normal, while the precipitation was less than half the normal amount. On the average the number of rainy days was 4, clear days 10, partly cloudy days 9, and cloudy days 10.

TEMPERATURE.

The mean temperature for the district was 33.5°, which is 2.2° above normal. In calculating the departure from the normal only those stations having long records were considered. Temperatures above normal were reported in all States having areas in this district. The mean monthly temperatures ranged from 15° at Border, Wyo., to 49.7° at Jean, Nev. As a rule the lowest means occurred in the Idaho and Wyoming areas and in the higher stations in Utah, and the highest means in the Oregon area, western and southern Nevada, and in the protected valleys in Utah.

Of those stations having normal, Tecoma, Nev., reported the greatest plus departure; there the mean temperature was 35°, which is 9.9° above normal. Only a few stations reported minus departures. Tooele, Utah, had the greatest minus departure, its mean being 31.2° or 1.6° below normal.

The temperature during the month was remarkably equable, and no very low temperatures were reported at any station.

As a rule, the first two decades were the warmest and the last the coldest. The highest temperatures occurred on or about the 9th and the 17th. The highest temperatures were 55° at Cokeville, Wyo., on the 17th; 59° at Grace, Idaho, on the 7th; 80° at Wendover, Utah, on the 17th; 55° at Paisley, Oreg., on the 13th; 54° at Truckee, Cal., on the 26th and other dates; and 79° at Jean, Nev., on the 29th.

The lowest temperatures occurred during the last decade as a rule, and the lowest reported were: −20° at Border, Wyo., on the 29th; −11° at Paris, Idaho, on the 29th; −12° at Thistle, Utah, on the 20th; 5° at Cliff, Oreg., on the 25th; 6° at Truckee, Cal., on the 24th; and −3° at Halleck, Nev., on the 1st.

The greatest monthly range for the district was 72° at Cokeville, Wyo., the highest being 55° on the 17th and the lowest −17° on the 29th.

The greatest daily range was 63° at Iosepa, Utah, on the 29th when the highest was 75° and the lowest 12°.

PRECIPITATION.

The precipitation for the district averaged 0.60 inch, which is 0.84 inch below the normal. The greatest amounts fell in the Utah, Idaho, and Wyoming areas, and the least in the Nevada and California areas.

In the Nevada area the precipitation averaged nearly 1 inch below normal and the section director of that State writes:

> This is the second driest February on record, the only lower record being 0.20 inch in 1896. There were 22 stations at which no measurable precipitation fell, and some of these are located in regions where February moisture is usually heavy. The only places where the amount was reported to be normal are in Elko County, and as these stations have recently been established they have no normals. The monthly amounts are very small at nearly all stations outside of Elko County, but the greatest negative departures are in the extreme west portion including the Lake Tahoe district, where practically no snow was added to the amount in storage. The season to date is one of the driest of record.

The greatest monthly amount was 2.40 inches at Milford, Utah. In the California and Nevada areas, where the minus departures were exceptionally large, very small monthly amounts were reported, and eight stations there reported no rainfall whatever.

The greatest 24-hour amount was 1.40 inches at Whiskey Creek, Utah.

The first three days were generally fair in all parts of the district. On the 4th rain set in in Oregon, and by the 8th precipitation was general over the entire district. Precipitation continued until the 28th, but the storms were local and widely scattered for the most part. As a rule the daily amounts were very small.

At the close of February the prospective water supply was not promising. The snowfall, while heavier than that of January in Utah only and lighter in most of the other States, was insufficient to bring the stored amount to normal.

THE COOPERATIVE WEATHER BUREAU OBSERVERS OF UTAH.

By J. CECIL ALTER, Observer, Weather Bureau, Salt Lake City.

The eastern capitalists had spent several days in the Salt Lake office of the Weather Bureau with their engineers, comparing, calculating, and correlating the weather data of a certain region in the State, in their relation to an irrigation project which would reclaim an extensive area of land and create homes for several hundred families. It appeared from the records that the climate of the place was splendid, all that could be desired for making pleasant homes and for maintaining an ample water supply. The closing of the deal hinged on the weather records, which were favorable, but, since a hundred thousand dollar proposition was to be decided solely on the evidence of one cooperative weather obser-

TABLE 1.—*Climatological data for February, 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.																				
Boder	Uinta	6,085	10	15.0	+ 1.2	38	10	− 20	29	45	1.28	− 0.09	0.60	14.7	7	11	5	13	w.	S. W. Condron.
Cokeville	do	6,204	2	20.5		55	17	− 17	29	60	0.83		0.25	10.9	8	14	10	5	w.	E. J. Tuckett.
Evanston	do	6,860	16	21.7	+ 1.0	45	7	− 12	29	51	0.98	− 0.24	0.25	8.0	6	12	8	9	sw.	Frank Tucker.
Idaho																				
Geneva	Bear Lake		4								2.32		0.78	26.0	8	21	5	3		F. W. Boehme.
Grace	Bannock	5,400	5	25.6		59	7	2	2†	47	0.30		0.15	2.5	3	17	3	9	n.	Donald R. Shirk.
Paris	Bear Lake	5,946	17	19.6	+ 0.5	42	10	− 11	29	37	0.58	− 0.61	0.15	13.0	7	5	10	14	w.	John Norton.
Weston	Oneida	4,460	14	30.3	+ 3.8	47	10	5	28	29	0.96	− 0.32	0.20	4.0	9	10	1	18	n.	Wm. T. Chatterton.
Utah.																				
Alpine	Utah	4,900	15								0.65	− 1.37	0.40	6.5	3	9	4	16		T. F. Carlisle.
Beaver	Beaver	6,000	9																	
Black Rock	Millard	4,872	12	33.6		58	13	− 5	26	57	0.40		0.40	7.0	1	10	8	11		Agt. Salt Lake Route.
Burrville	Sevier		1	27.7		57	16	− 11	27	53	1.10		0.50	11.0	3					F. R. Curtis.
Castle Rock	Summit	6,244	9								0.98		0.50	14.5	8	6	16	7		David Moore.
Cedar City	Iron	5,750	7	36.7		60	17	3	26	36	1.80		1.07	19.5	3	9	11	8	n.	Parley Dalley.
Center	Tooele		1	34.2		60	8	3	29	41	0.65		0.40	6.0	2	3	23	3	n.	L. C. Peterson.
Clarkston	Cache		1								2.30		1.00		6	5	4	20		Wm. J. Griffiths.
Corinne	Boxelder	4,240	42	33.2	+ 3.2	54	16	15	2	26	0.90	− 0.44	0.35	3.0	3	9	11	9		A. C. Murphy.
Deseret	Millard	4,541	18	33.4	+ 2.1	58	16†	6	26	39	0.19	− 0.67	0.17	5.0	2	12	5	12	n.	S. W. Western.
Erekson	Tooele										0.53		0.53	1.2	1					N. W. Erekson.
Enterprise	Washington	4,270	4								0.67		0.67	9.0	2	13	12	3	s-n.	John Day.
Fairfield	Utah	4,866	1								0.62		0.24	7.4	5	18	5	6		W. Harden Ashby.
Farmington	Davis	4,267	12	35.8	+ 2.8	54	17	18	29	30	0.62	− 1.96	0.25	3.5	6	15	5	9	n.	Charles Boylin.
Fillmore	Millard	5,100	22	38.0	+ 4.0	63	7	8	20	44	1.47	+ 0.03	0.77		5					J. J. Starley.
Frisco	Beaver	5,318	18	33.2	− 0.4	55	17	10	26	35	0.60	− 0.18	0.60	6.0	1					Essen Nordberg.
Garrison	Millard		9	31.0[a]		61[a]	17	4[a]	25	36[a]	T.[a]		T.[a]		0	10	7	12	n.	E. M. Smith.
Government Creek	Tooele	5,277	12	32.2	+ 1.2	54	17	3	20	32	0.52	− 0.91	0.25	7.0	3	19	0	10	w.	Walter James.
Granger	Salt Lake		1	35.0[b]		55	16	14	28	30	0.87		0.40	1.8	8					G. E. Greene.
Grantsville	Tooele		3								0.50		0.30	1.5	6	11	7	11		Dr. J. C. Woodmansee.
Grouse Creek	Boxelder		1								0.50		0.12	3.3	7	10	5	14	nw.	Philip Paskett.
Heber	Wasatch	5,606	19	26.4	+ 2.5	45	16	0	2†	35	0.88	− 1.23	0.55	1.0	5	8	8	13	s.	John Crook.
Henefer	Summit	5,301	13	29.6	+ 3.3	51	11	2	2	42	1.53	− 0.69	0.75	1.5	10	8	10	11	w.	Wm. Brewer.
Hooper	Weber	4,436	1								0.07		0.03	0.7	3					T. M. Jones, jr.
Ibapah (near)	Tooele	7,500	7																	J. S. Lawton.
Ibex	Millard			38.6		62	5†	12	22	37	0.64		0.64	6.0	1	8	4	17	n.	John J. Watson.
International	Tooele	5,370	1								1.51		0.37	17.2	8	3	17	9	sw.	I. S. & R. Co.
Iosepa	do		1	34.4		56	16†	12	29	63	0.64		0.36		2	9	6	14	n.	Geo. K. Hubbell.
Joy	Juab			33.2		55	17	8	26	31	0.10		0.10	1.0	1					A. M. Laird.
Junction	Piute		1								0.07		0.04		3	12	14	3	s.	Joseph Jensen.
Kanosh	Millard	5,250	4								2.44		1.00		5					Geo. Crane.
Kelton	Boxelder	4,221	34	31.1	+ 2.5	47	14	10	26	31	0.50	− 0.13	0.30	2.0	2	5	15	9	nw.	F. W. Klock.
Lemay	do		1	38.2		58	8	8	1	32	0.10		0.10	1.0	1	8	17	5		Agent S. P. Co.
Levan	Juab	5,010	22	32.2	+ 3.7	51	17	5	26	33	0.68	− 0.91	0.25	6.2	5	11	6	12	ne.	Wm. Brown.
Logan	Cache	4,507	21	29.8	+ 3.6	47	16	12	26	25	0.93	− 0.91	0.25	3.0	8					Utah Experiment Station.
Low	Tooele			35.8		56	18	17	3†	29	0.30		0.20	3.0	2	7	10	12	n.	M. F. Williamson.
Lucin	Boxelder	4,504	8	37.9		79	2†	11	29	63	T.		T.	T.	0	14	15	0		C. J. Burke.
Lund	Iron	5,086	1																	Job F. Hall.
Manti	Sanpete	5,575	18	34.2	+ 6.2	59	7	0	26	42	0.62	− 0.80	0.30	6.5	4	5	1	23		J. M. Anderson.
Maple Creek	Utah										0.97		0.31	6.9	6	3	7	19		L. W. Gillilan.
Marion	Summit	6,750	8								0.75		0.15	9.5	9	2	5	22	nw.	Jas. Woolstenhulme.
Marysvale	Piute	6,180	13	32.4	+ 3.5	58	17	2	26	50	0.23	− 0.72	0.18	3.0	4	7	9	13	n.	John W. Henry.
Meadowville	Rich	6,200	13	24.1	+ 2.1	45	10	− 6	29	36	0.50	− 1.68	0.25	5.0	4	13	5	11		J. S. Moffat.
Mercur	Tooele																			T. H. Franklin.
Midlake	Boxelder		1	36.6		47	20	27	19	17	0.55		0.40		2	17	7	5		Agent S. P. Co.
Midvale	Salt Lake		1	36.2		56	6†	11	2	35	0.74		0.39		9	6	15	8	n.	Jos. Williams.
Milford	Beaver	4,962	8	34.2		65	17†	0	27†	50	2.40									Agt. Salt Lake Route.
Millville	Cache	4,848	17								0.50	− 0.88							n.	Fred Yeates.
Minersville	Beaver	5,070	15								1.46	+ 0.54	1.00	14.6	4					Geo. Roberts, sr.
Modena	Iron	5,479	12	33.4	+ 1.8	60	17	5	26	48	0.07	− 1.13	0.05	.7	2	9	16	4	w.	U. S. Weather Bureau.
Morgan	Morgan	5,068	9																	Dr. W. Visick.
Moroni	Sanpete	5,519	4	32.0		53	7	5	26	31	0.50		0.18	2.5	6	7	5	17	sw.	B. F. Eliason.
Mosida	Utah		1	32.4		59	16	13	2	36	0.17		0.08	2.0	3	13	9	7		R. P. Curtis.
Mount Nebo	do	4,650	11	33.0		51	7	10	2†	30	0.23		0.10		3	13	7	9	n.	D. C. Walkey.
Nephi (near)	Juab		9								0.29		0.10		3					S. Boswell.
Newcastle	Iron		1																	T. W. Jones.
Oak City	Millard	4,900	8	34.2		57	7	9	26	37	2.25		1.00	15.5	5	5	15	9		Peter Nielson.
Ogden	Weber	4,310	11	35.5	+ 2.5	52	13†	15	23	26	1.00	− 0.61	0.40	8.0	5	10	10	9	sse.	A. Van De Graaf.
Panguitch	Garfield			28.8		56	5†	− 7	26	53	0.12		0.07	3.0	2	16	10	3		John N. Henrie.
Park City	Summit	7,800	15	24.2		44	9	0	28	31	1.40		0.90		3	19	4	6		Gertrude Evans.
Park Valley	Boxelder		1								1.13		0.42		4	10	13	6	nw.	Thos. Stirland.
Parowan	Iron	5,970	21	35.4	+ 3.9	60	17	6	26	38	0.10	−1.27	0.10	1.0	1					Scott Matheson.
Payson	Utah	4,637	9								0.97		0.32	4.0	5	14	4	11	nw.	D. L. Coombs.
Pelican Point	do	4,600	1																	B. M. Mendenhall.
Pine Cliff Ranch	Summit		1																	L. E. Leavitt.
Pinto	Washington	5,907	16	30.4	− 0.2	56	16	− 13	26	55	0.82	− 0.66	0.78	19.0	3	12	15	2	n.	J. H. Harrison.
Promontory	Boxelder	4,913	41								0.80	− 0.11	0.40	8.0	3					F. C. Houghton.
Provo	Utah	4,532	24	34.8	+ 3.3	58	7	10	3	41	0.63	− 1.03	0.20		5	9	17	3	n.	James A. Oliver.
Randolph	Rich	6,442	10								0.20		0.10	4.0	3				sw.	Wm. Rex.
Revier	Salt Lake		1								1.08		0.34		8					E. L. Terry.
Richfield	Sevier	5,350	22	32.[a]	− 0.3	58[a]	17	− 6[a]	26	35	1.20	+ 0.42	1.20	12.0	1	15	0	14		Joseph J. Jensen.
Richmond	Cache		1								1.18		0.30	5.3	11	5	13	11		J. R. Thomson.
Saltair	Salt Lake	4,220	10	35.0		47†	10†	20†	26	21	0.65		0.20	3.0	10					E. J. Bench.
Salt Lake City	do	4,360	39																	U. S. Weather Bureau.
Scipio	Millard	5,260	19	33.2	+ 1.6	57	7	− 9	26	48	1.01	− 0.77	0.35	10.0	4	10	8	11	sw.	Thos. Memmott.
Showell	Boxelder		1																	
Silver City	Juab	6,127	3								0.52		0.35		3	10	14	5		J. L. Stark.
Spanish Fork	Utah	4,585	3	35.2		60	7	13	20†	38	0.96		0.33		5	5	19	5		U. S. Rec. Service.
Strawberry Tunnel (west).	do	7,650	7	23.7		48	6†	0	20†	33	1.58		0.41	16.5	14	8	15	6		Do.
Thistle	do	5,075	21	30.0	+ 0.1	51	7	− 12	20	47	1.50	− 0.17	0.70	12.0	4	5	7	17	nw.	John Thorgierson.
Tooele	Tooele	4,900	17	31.2	− 1.6	45	8†	17	20	21	0.79	− 1.12	0.20		7	4	7	18	ne.	E. A. Bonelli.
Utah Lake Pumping Station.	Utah	4,500	8																	W. A. Knight.

TABLE 1.—*Climatological data for February, 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		1								0.71		0.30	7.0	3	11	7	11	nw.	Glynn Bennion.
Wendover	do		1	44.6		80	17	20	2†	45	0.05		0.05		1	14	2	13		A. O. Mason, jr.
Whisky Creek	Millard		1								1.60		1.40	16.0	2					T. B. Perkins.
Woodruff	Rich	6,500	14																	J. Sidney Pussey.
Oregon.																				
Burns	Harney	4,157	21	32.4	+ 5.4	49	17	6	28	32	1.35	− 0.06	0.26	0	9	1	9	19		J. C. Welcome, jr.
Cliff	Lake	4,300	5	33.7		48	7†	5	25	37	0.89		0.18	T.	10	4	9	16	sw.	John C. Green.
Paisley	do	4,500	9	40.2		55	13	21	2	20	0.08		0.08	T.	1	16	7	6	w.	E. C. Woodward.
California.																				
Tahoe	Placer	6,240	2	31.5		49	14	13	22†	30	T.		T.	0	0	23	4	2	w.	R. M. Watson.
Truckee	Nevada	5,819	41	33.2	+ 5.2	54	26†	6	24	40	0.00	− 5.00	0.00	0	0	9	17	3		Southern Pacific Co.
Nevada.																				
Austin	Lander	6,594	23																	F. O. Booe.
Battle Mountain	do	4,843	41	39.6	+ 7.5	64	4†	10	20	32	0.20	− 0.59	0.20	T.	1	15	8	6	w.	Southern Pacific Co.
Beowawe	do	4,905	41	35.7	+ 4.4	68	9	17	3†	42	0.20	− 0.55	0.20	2.0	1	12	12	5	w.	Do.
Carlin	Elko	5,232	41	34.6	+ 8.1	65	5	8	23	45	0.00	− 0.93	0.00	0	0	29	0	0	sw.	Do.
Carson Dam	Churchill	4,032	5	38.2		64	16	8	25	40	T.		T.	0	0	13	3	13	e.	U. S. Reclamation Service.
Cherry Creek	White Pine	6,450	4	33.6[f]		57[l]	6	3[a]	26	35[l]	0.14		0.11	2.5	2	12	6	11	w.	J. H. Leishman.
Clover Valley	Elko	6,000	11	32.2	+ 3.0	55	29	8	20	42	1.37	− 1.01	0.65	0	6	6	14	9	w.	I. F. Wiseman.
Columbia	Esmeralda	5,750	5	37.8		63	17	10	25	39	0.00		0.00	0	0	18	7	4	nw.	A. Booth.
Dutton	Elko	5,100	4																	Golconda Cattle Co.
Dry Farm	do		0	36.6		62	1†	6	25	49	0.49		0.22	2.1	6					Walfried Sohlman.
Elko	do	5,432	41	32.2	+ 3.9	55	5	9	3	42	0.26	− 0.62	0.10	1.2	3	7	7	15	w.	E. J. Clark.
Ely	White Pine	6,421	21	34.4	+ 5.7	61	6†	1	26	46	0.11	− 1.04	0.07	3.0	2	8	0	21	n.	R. F. Mathias.
Eureka	Eureka	6,500	9	33.4		57	5	5	25	39	0.13		0.05	1.5	4	10	5	14	n.	Clay Simms.
Fallon	Churchill	3,965	7	37.8		64	17	8	25	44	0.06		0.05	1.0	2	14	7	8	ne.	U. S. Experiment Station.
Fernley	Lyon	4,200	39	38.6	+ 1.6	64	17†	6	25	46	T.	− 0.62	T.	T.	0	15	12	2	nw.	Mrs. G. A. Steele.
Geyser	Lincoln		8	30.5		62	5†	0	20†	60	0.00		0.00	0	0	9	18	2	n.	Mrs. J. F. Wambolt.
Glenbrook	Douglas		3	31.9		46	8†	14	22†	26	T.		T.	T.	0	13	16	0	w.	C. C. Henningsen.
Golconda	Humboldt	4,697	33	35.8	+ 1.8	57	13	7	25	37	0.10	− 0.52	0.10	T.	1	7	0	22	ne.	Southern Pacific Co.
Halleck	Elko	5,631	19	30.4	+ 4.4	54	29	− 3	1	42	T.	− 1.01	T.	T.	0	4	25	0	nw.	Do.
Hawthorne	Mineral	4,569	18	40.0	+ 2.0	65	13	15	25	40	0.00	− 0.35	0.00	0	0	10	14	5	nw.	G. B. Stannard.
Jean	Clark	2,074	4	49.7		79	29	18	3†	57	0.00		0.00	0	0	22	7	0	ne.	Salt Lake Route.
Lahontan	Churchill		0	41.6		64	8	15	24	34	0.03		0.03	0.2	1	9	17	3	w.	U. S. Reclamation Service.
Lewers Ranch	Washoe	5,500	24	40.3	+ 6.0	65	28	11	25	42	0.00	− 4.06	0.00	0	0	5	24	0		Ross Lewers.
Lovelocks	Humboldt	3,977	18	35.7	+ 0.2	61	5†	5	24	44	0.01	− 0.50	0.01	0.2	1	14	15	0	s.	C. H. Allender.
Millett	Nye		4	32.0		59	6†	− 1	26	52	0.05		0.05	0	1	10	10	9	w.	Fred J. Jones.
Mina	Mineral	4,600	5	42.9		68	21	11	8	47	0.00		0.00	0	0	29	0	0		Southern Pacific Co.
Potts	Nye	6,990	19	30.0	+ 2.9	53	6	0	26	40	0.03	− 0.71	0.03	1.5	1	2	7	20	n.	Miss Mamie Potts.
Quinn River Ranch	Humboldt	4,850	10	36.6[f]	+ 2.7	64[f]	5	9[f]	20†	49[f]	0.01	− 0.77	0.01	0	1				sw.	F. M. Payne.
Rebel Creek	do		0	37.4		60	5	5	25	39	0.75		0.20	2.0	7	8	14	7	sw.	E. J. Hyatt.
Reno	Washoe	4,532	41	39.0	+ 3.8	62	5	11	25	37	0.01	− 1.84	0.01	0.1	1	9	14	6	w.	U. S. Weather Bureau.
Soda Lake	Churchill	4,534	5																	U. S. Reclamation Service.
Tecoma	Elko	4,812	34	35.0	+ 9.9	58	5†	8	19	40	0.05	− 0.49	0.05	0.5	1	14	0	15	e.	Southern Pacific Co.
Tonopah	Nye	6,090	7	36.8		57	17	10	25	24	0.02		0.02	0.5	1	11	16	2	w.	U. S. Weather Bureau.
Wells	Elko	5,631	33	33.8	+ 8.3	55	7	4	3	38	0.09	− 1.15	0.03	0.4	5	5	8	16	sw.	Southern Pacific Co.
Winnemucca	Humboldt	4,432	33	36.0	+ 2.7	60	5	6	25	42	0.41	− 0.55	0.21	0.8	6	7	8	14	ne.	U. S. Weather Bureau.

[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 February, 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	
Wyoming.																															
Border	Bear								.15	.04	.01		.28						.60			T.	.02	.18				T.			1.28
Cokeville	do					T.			.06	T.		.08	.13		T.		.09	.25	.14	T.		.04	T.					.04			0.83
Evanston	do																.16	.11	.25			.09	T.	T.	.23			.14			0.98
Idaho.																															
Geneva	Bear										.26	.16					.78	.36	.27			.12	.18							.19	2.32
Grace	do									T.	T.					.05	T.	.15	T.			T.	T.	.10							0.30
Paris	do								.10			.02						.10	.08					.15				.06	.07		0.58
Weston	do								.08		.02	.20					.13	.19	.09			.05		.13					.07		0.96
Utah.																															
Alpine	G. S. Lake																			.20				.40				.05			0.65
Beaver	Sevier Lake																														
Black Rock	do																			T.				.40							0.40
Burrville	do																														
Castle Rock	G. S. Lake								.05								.15	.10	.50			.03		.05				.05	.05		0.98
Cedar City	Desert																			T.				.43	1.07	.30					1.80
Center	do										T.						T.	T.	T.	.25				.40							0.65
Clarkston	G. S. Lake									.30		.30					.20	1.00				.30						.20			2.30
Corinne	do								T.	T.							.25	.35				*	.30					T.			0.90
Deseret	Sevier Lake																T.			.20				.17	T.						0.37
Erekson	Desert																							*	.53						0.53
Enterprise	G. S. Lake											T.													.67						0.67
Fairfield	do										.02							.08	.12					.24		.16					0.62
Farmington	do								.05	T.	.02		T.					.15	.10	T.		.05	T.	.25				T.			0.62
Fillmore	Sevier Lake										.02									.17				.77	.31	.20					1.47
Frisco	Desert																							.60							0.60
Garrison	do																					T.									T.
Government Creek	do																	.07		.20					.25						0.52
Granger	do								T.	T.		.08	.09				T.	.06	.40	.05		.05	T.	.05				.09			0.87
Grantsville	G. S. Lake										.04	.03					.07		.30		.03								.03		0.50
Grouse Creek	Desert								T.	.04	.02	.01				.09		.08	.12	.09		T.		.05				T.			0.50
Heber	G. S. Lake								T.		.08		.05				.15	.05	.55	T.	T.		T.	T.					T.		0.88
Henefer	do								.03	.01	.12						.20	.22	.75		T.	.03	T.	.05				.02	.10		1.53
Hooper	do										.02								.03				.02								0.07
Ibapah (near)	Desert																														
Ibex	do																							.64							0.64
International	G. S. Lake									T.	.12	.14					.09		.37	.24				.24	.19				.12		1.51
Iosepa	Desert																	T.	T.	.28				.36					T.		0.64
Joy	do																			T.				.10							0.10
Junction	Sevier Lake																			T.				.04	.01	.02					0.07
Kanosh	do												.08							.19				1.00	.83	.04					2.14
Kelton	G. S. Lake																T.	T.	.30					.20							0.50
Lemay	Desert									T.							T.			T.	T.			.10							0.10
Levan	Sevier Lake										.06		T.						T.	.25			.01	.22		.14					0.68
Logan	G. S. Lake								.10	.06		.25				.05		.20			.14		.07					.06			0.93
Low	do																		.20	.10		T.			T.						0.30
Lucin	Desert									T.	T.						T.		T.			T.									T.
Lund	do																														
Manti	Sevier Lake										T.					T.	T.		.03	.04	T.			.25	T.	.30					0.62
Maple Creek	G. S. Lake								T.	T.	.09		.15				.04		.09	.29		T.	T.	.31	T.	T.			T.		0.97
Marion	do								T.	.03	T.		.09				.04	.03	.15	.14	T.	.08	T.	.07	T.	T.		.07	.08		0.78
Marysvale	Sevier Lake										T.	T.			T.		T.	.02	T.	.01		T.	T.	.01	.18	.01					0.23
Meadowville	G. S. Lake											T.					.10		.25			T.		T.	.10				.05		0.50
Mercur	do																														
Midlake	do																	.40	.15												0.55
Midvale	do									.02	.10	.06					.04	.39	.01	.01				.01				.10			0.74
Milford	Sevier Lake																					1.20	.60	.60							2.40
Millville	G. S. Lake																*	.50													0.50
Minersville	Sevier Lake																			.01			.40	1.00	.05						1.46
Modena	Desert											T.												.05	.02						0.07
Morgan	G. S. Lake																														
Moroni	Sevier Lake								T.		.03						.15		.03	.01	T.		T.	.18		.10				T.	0.50
Mosida	G. S. Lake													.08				.06						.03							0.17
Mount Nebo	do										T.									.05	.08				.10						0.23
Nephi (near)	do									.09																		.10	.10		0.29
Newcastle	Desert																														
Oak City	Sevier Lake																			.18	.02			.10	.60	.45					1.35
Ogden	G. S. Lake								.11	.14												.40	.27					.08			1.00
Panguitch	Sevier																							.07	.05						0.12
Park City	G. S. Lake											.90						.30											.20		1.40
Park Valley	Desert									.38							.11	.42					.22								1.13
Parowan	do																			T.						.10					0.10
Payson	G. S. Lake											T.	.22					.15		.18			T.	.32	.10	T.					0.97
Pelican Point	do																														
Pine Cliff Ranch	do																														
Pinto	Desert												.02												.78	.02					0.82
Promontory	G. S. Lake																					.40		.20		.20					0.80
Provo	do										.20	.08					.10		.05					.20							0.63
Randolph	do													T.					.08	.02	T.	.10						T.	T.	T.	0.20
Revier	do									.09	.08				.04		.15	.34	.14					.14					.10		1.08
Richfield	Sevier Lake																							1.20							1.20
Richmond	G. S. Lake								.08	.07	.25					.07	.11	.30			.08	.04	.06	.04				.08			1.18
Saltair	do								.01	.01	.10		.06				.01	.03	.20	.07				.15				.01			0.65
Salt Lake City	do								.06	.05	.12	.20					.04	.18	.41	T.		.06	T.	.14				.07			1.33
Scipio	Desert																T.	T.	T.	.18			T.	.35	.18	.30					1.01
Showell	do																														
Silver City	do											.02							.15							.35					0.52
Spanish Fork	G. S. Lake										.06		.23						.33	.09				.25							0.96
Strawberry Tunnel (W. end).	do									.10			.06				.28	.08	.41	.06		.07	.01	.31	.04	.06			.10		1.58
Thistle	do												.10				T.	T.	.30	.70			T.	.50							1.50
Tooele	do							T.	.07	T.		.03					.20	.18	T.	T.	.02	.20					.09				0.79
Utah L. Pmpg. Sta.	do																														
Vernon	Deseret									T.								T.	.15	.30				.26							0.71
Wendover	do																	.05							T.						0.05
Whisky Creek	do																			.20				1.40							1.60
Woodruff	G. S. Lake																														

TABLE 2.—*Daily precipitation for February, 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	
Oregon.																															
Adel	Southeast drainage.																														
Ana River	do			T.	.01			T.								T.	.05	.01						T.							0.13
Bear Valley	do				T.							.05	.05			.10			.12			.20	.22	.18		.05		.10			1.07
Burns	do							.12	.24	.09	.20				.02	.26	.25		.11				.06								1.35
Burns Mill	do				T.				.47		.22			.27	.28		.24		.10			.10			.20			.08			1.96
Christmas Lake	do				.13	.03		T.	.01	.01	.02	.01				T.	.01	.09	.03												0.34
Cliff	do				.15	.10		T.	.08	.06	.05	.03				.09	.10	.18	.05		T.			T.							0.89
Diamond	do																														
Embody	do				.03			.01	.12	.13	.11	.03	.02	.01		.32	.40	.74	.14				T.	.13							2.19
Fort Rock	do				.05			T.	T.	T.	T.					.05	T.	.08					.04								0.22
Paisley	do									T.	T.					T.	T.	.08						T.							0.08
Seneca	do				.12	.08			T.	.08	.09	.09		T.	T.	.05	.07	.13	.02	.01		.16	.24	.10	T.		.05	.13			1.42
Valley Falls	do																														
California.																															
Bijou	Truckee														T.			T.													T.
Boca	do																								T.						T.
Deerpark	do																	.50													0.50
Glen Alpine	do														.05			.12				.02		.02							0.21
Hobart Mills	do																	*	.06					.01	.06						0.13
Lundy	East Walker																							T.							T.
McKinney	Truckee														.05																0.05
Markleeville	East Carson														T.										0.7						0.07
Shields's Ranch	East Walker																					T.									T.
Silver Creek	East Carson														.07										.18						0.25
Tahoe	Truckee																	T.					T.	T.							T.
Tallac	do														T.																T.
Truckee	do																														0.00
Woodfords	West Carson																							T.							T.
Nevada.																															
Arthur	Humboldt								.01	.02									.29	.10		T.		.60	.20						1.22
Austin	Reese																														
Battle Mountain	Humboldt											.20												T.							0.20
Beowawe	do																							.20							0.20
Bishop	do								.05	.16								.45					.20								0.86
Carlin	do																														0.00
Carson Dam	Carson											T.												T.							T.
Cherry Creek	Humboldt												T.							T.				.11	.03						0.14
Clover Valley	do									T.	.04	T.					.12	.65	.45	.05				.06							1.37
Columbia	Desert																														0.00
Dry Farm	Humboldt											.05			.01			.22	.01			.02		.18							0.49
Dutton	do																														
Elko	do								T.	T.		T.			T.			.07	.09				T.	.10							0.26
Ely	do																					T.		.07	.04						0.11
Eureka	do											.03			T.					.02			.05		.03	T.					0.13
Fallon	Carson											.01			T.									.05							0.06
Fernley	Truckee														T.									T.							T.
Geyser	Humboldt																														0.00
Glenbrook	Truckee																							T.							T.
Golconda	Humboldt														T.				.10					T.							0.10
Halleck	do																						T.								T.
Hawthorne	Desert																														0.00
Jean	do																														0.00
Lahontan	Carson																						.03								0.03
Lewers's Ranch	Truckee																														0.00
Lovelocks	Humboldt																					.01									0.01
Massacre Lakes	Desert																														
Mill City	Humboldt									.08																					0.08
Millett	Reese																							.05							0.05
Mina	Desert																														0.00
North Fork	Humboldt								.30	1.00		T.						*	.90				*	1.00				T.			3.20
Potts	Reese												T.									T.		.03	T.						0.03
Quinn River Ranch	Humboldt								.01	T.														T.							0.01
Rebel Creek	do								.20	T.	.12	.01			.09	T.	T.	.08	.05	T.			T.	.20							0.75
Reno	Truckee																	T.				T.	T.	.01							0.01
Skelton	Humboldt														.05			.04					*	.50							0.59
Smith	West Walker																					T.									T.
Soda Lake	Carson																														
Spooner's Ranch	Truckee														T.									T.							T.
Sweetwater	East Walker																				T.										T.
Tecoma	Humboldt								T.									T.	T.					.05							0.05
Tonopah	Desert																							.02							0.02
Wells	Humboldt									.01		.01					.03		.02				.02								0.09
Willow Point	Little Humboldt									T.	T.							T.													T.
Winnemucca	Humboldt								.21	T.		.04			T.	T.	.03	.04	.02		T.	T.	.07	T.							0.41

* 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 February, 1912. District No. 10, Great Basin.*

Date.	Wyoming.						Utah.																					
	Border.*		Evanston.		Weston, Idaho.		Corinne.		Deseret.		Government Creek.		Ibex.		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.	Max.	Min.
1....	20	−14	30	3	35	15	43	19	49	15	45	18	53	23	48	13	27	10	48	17	50	26	49	22	49	18	43	28
2....	20	−18	31	− 1	35	11	37	15	48	11	42	16	52	22	50	10	26	9	50	10	48	24	49	17	45	15	42	25
3....	23	−13	35	5	37	12	37	16	49	10	40	16	58	22	46	8	32	8	49	8	46	20	55	18	45	10	41	26
4....	20	−11	33	4	35	15	39	18	45	12	45	18	54	23	51	10	30	11	51	12	43	18	48	17	44	11	43	25
5....	26	−10	33	12	36	17	36	18	53	17	48	22	62	27	54	16	34	11	55	19	40	16	59	23	44	21	43	29
6....	30	− 4	44	8	44	17	38	22	54	20	49	23	59	28	54	20	31	14	53	20	46	21	52	26	53	21	51	29
7....	29	6	45	18	46	24	45	21	55	25	52	31	58	34	54	27	35	17	54	27	50	26	53	30	58	26	50	33
8....	30	0	37	19	36	26	42	25	54	22	45	25	57	29	52	19	37	18	57	20	51	27	53	23	43	23	46	32
9....	34	20	35	22	40	30	44	28	55	25	50	30	61	32	56	24	42	27	58	23	50	24	57	23	48	30	49	38
10....	38	26	36	30	47	34	42	36	56	34	44	35	55	34	50	30	45	33	56	24	48	30	57	30	49	33	49	38
11....	36	14	37	20	46	28	45	30	55	25	50	28	57	30	50	20	36	25	50	22	43	25	54	30	53	26	54	33
12....	33	16	36	21	40	25	45	29	47	19	43	16	49	22	51	27	34	22	44	18	46	27	43	24	45	29	42	30
13....	30	− 5	38	8	44	23	44	25	54	19	52	22	61	24	56	16	32	12	56	17	52	36	54	22	53	21	53	29
14....	25	− 7	37	15	38	23	44	29	53	18	48	25	56	29	56	20	35	12	54	22	50	35	55	27	50	23	45	32
15....	39	3	34	12	43	23	46	29	50	19	44	20	55	27	45	25	40	18	48	23	52	38	50	26	50	25	46	34
16....	37	26	35	24	45	32	54	34	58	27	50	30	58	31	52	20	40	27	59	24	48	39	55	25	52	33	52	39
17....	37	17	36	20	40	32	45	34	58	22	54	30	62	32	58	19	43	27	60	24	51	42	60	25	51	27	51	40
18....	34	22	31	20	40	32	46	29	50	28	49	31	56	41	52	27	43	27	59	29	50	43	58	35	46	33	44	33
19....	25	13	25	6	38	24	44	26	36	20	37	15	42	20	39	23	32	12	38	18	51	28	49	20	55	23	36	29
20....	21	−11	25	− 4	37	16	43	21	41	13	35	3	44	15	35	13	27	6	39	15	36	19	41	17	42	15	39	25
21....	27	− 1	24	7	34	25	38	22	42	15	36	15	40	13	44	10	29	15	44	13	38	22	45	16	40	22	36	28
22....	20	− 5	25	9	36	23	42	28	41	16	39	14	44	12	42	13	36	9	43	12	37	19	41	16	45	20	39	27
23....	36	9	30	15	40	27	37	20	36	27	34	25	38	24	32	27	34	15	35	25	32	15	37	24	40	29	38	31
24....	30	3	25	14	32	21	35	27	35	26	35	21	29	23	32	16	30	13	35	23	33	17	33	22	40	28	38	30
25....	25	−11	24	12	33	16	38	25	34	19	32	11	34	21	30	17	28	8	34	12	39	22	29	16	40	25	37	25
26....	27	−18	26	− 2	36	13	38	17	37	6	35	6	46	17	37	2	35	1	40	5	40	27	41	6	43	13	42	21
27....	32	14	27	17	41	29	37	31	43	15	44	22	60	26	49	9	39	12	52	14	36	28	48	11	44	20	40	32
28....	27	−10	25	0	34	5	40	28	43	17	39	23	49	21	42	14	29	− 2	44	15	38	27	45	21	42	20	38	23
29....	15	−20	39	−12	39	12	43	16	48	11	45	18	56	20	57	7	24	− 6	56	8	45	31	52	14	55	14	52	23
Mns..	29.2	0.7	32.3	11.1	38.9	21.7	41.6	24.7	47.6	19.1	43.5	21.0	51.9	25.2	47.4	17.3	34.0	14.2	49.0	17.9	44.4	26.6	49.2	21.6	47.0	22.6	44.1	29.9

Date.	Burns, Oreg.		Nevada.																									
			Cherry Creek.		Elko.		Eureka.		Fallon.		Jean.		Lovelocks.		Millett.		Mina.		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....	34	10	47	21	44	15	53	18	55	15	62	43	57	21	52	8	51	22	53	14	58	24	52	12	50	37	35	23
2....	28	13	44	11	44	10	52	16	53	14	66	19	55	16	52	2	48	20	61	12	55	22	50	17	48	30	54	15
3....	40	17	42	13	41	9	52	15	54	43	65	18	54	12	51	1	49	19	54	12	58	22	56	22	47	28	52	14
4....	47	30	47	16	37	14	51	19	54	16	66	18	53	19	53	6	52	21	41	22	43	26	48	24	49	35	46	24
5....	48	32	56	21	55	22	57	25	58	16	71	25	61	18	58	11	54	22	64	25	62	25	58	22	55	37	60	28
6....	46	29	57	22	49	20	53	20	52	20	68	27	57	21	59	12	51	19	58	21	56	27	58	22	53	39	56	27
7....	44	28	53	23	53	23	56	29	60	18	65	29	55	18	56	19	53	20	58	20	56	26	50	20	49	33	57	24
8....	42	28	51	28	43	39	48	24	62	32	67	24	54	16	52	22	58	11	49	35	58	33	50	34	48	32	50	36
9....	46	26	49	22	41	29	53	28	62	28	72	31	59	19	49	15	54	19	52	24	54	31	48	32	49	35	52	31
10....	47	30	44	23	49	30	50	24	58	17	72	28	56	19	53	15	59	22	46	24	58	28	46	34	46	31	55	28
11....	46	23	41	22	43	26	43	25	52	32	72	29	57	28	49	19	55	20	52	31	51	27	48	28	40	29	49	25
12....	45	29	43	19	43	15	46	15	52	14	72	29	53	15	52	10	60	25	46	13	51	21	46	22	46	26	48	17
13....	44	30	54	21	53	20	55	25	62	18	72	37	61	29	59	12	58	24	53	23	61	34	50	12	53	32	58	26
14....	44	31	46	26	40	22	44	30	55	30	72	29	56	21	49	20	61	23	53	32	51	31	48	18	43	30	48	26
15....	46	29	45	20	46	22	48	23	59	20	72	29	53	13	54	9	62	25	49	17	57	23	46	22	47	27	52	21
16....	46	31	46	37	46	37	49	34	61	37	72	29	58	14	58	32	65	28	53	41	57	45	44	34	53	37	53	42
17....	49	32	50	35	49	37	54	30	64	37	76	30	60	40	59	29	58	20	50	43	57	46	46	32	57	39	52	42
18....	40	19	.....	.....	44	33	48	30	57	42	75	36	54	38	56	44	58	21	50	35	55	33	42	22	51	31	49	32
19....	38	15	.....	16	39	23	41	16	52	19	75	27	45	14	44	24	62	24	53	19	45	20	34	8	36	21	42	23
20....	42	21	.....	6	38	11	41	8	47	9	76	26	45	10	43	3	65	28	43	9	50	18	38	14	40	21	42	13
21....	42	18	.....	19	35	23	34	20	46	18	75	21	42	17	39	12	68	30	44	19	40	23	40	12	36	20	38	18
22....	34	20	.....	11	35	15	40	10	48	10	75	35	42	7	47	4	67	32	40	9	48	16	46	18	39	15	39	14
23....	36	14	.....	22	31	25	36	17	42	23	75	35	40	11	44	23	55	30	38	21	37	25	42	22	33	17	32	24
24....	40	22	.....	14	32	18	24	13	39	14	75	20	41	5	31	14	52	40	.....	.....	36	21	46	28	27	12	35	13
25....	44	20	.....	9	37	10	32	5	43	8	75	25	47	7	36	2	60	45	.....	.....	44	11	44	26	33	10	41	6
26....	45	19	.....	3	43	17	46	7	51	9	75	18	57	20	47	−1	62	48	.....	.....	53	16	42	28	43	20	47	18
27....	40	13	.....	28	44	20	46	19	58	23	75	21	54	21	53	10	61	49	.....	.....	58	26	42	32	48	29	52	19
28....	38	6	.....	16	45	18	47	18	55	18	75	31	56	20	52	10	65	48	.....	.....	55	24	46	28	49	32	50	22
29....	44	19	.....	14	54	12	54	20	63	20	79	26	60	18	58	6	66	45	.....	.....	60	25	44	30	50	33	58	16
Mns..	42.2	22.6	48.0[1]	19.2[a]	43.2	21.2	46.7	20.1	54.3	21.4	72.0	27.4	53.2	18.2	50.5	13.6	58.2	27.6	50.4[f]	22.7[f]	52.9	25.8	46.6	23.3	45.4	28.2	49.0	23.0

[a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.
§ Data are from standard instruments not supplied by the U. S. Weather Bureau.
§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.