C L I M A T O L O G I C A L D A T A

PRECIPITATION PROVO STATION 1916.

Compiled from U.S. Weather Bureau Reports.

Date	Depth.
April 2,	.02
" 12,	.03
" 18,	.06
" 19,	.28
Total	0.39 in.

Date	Depth
July 13,	.04
" 17,	.01
" 21,	.04
" 24,	.06
" 27,	.50 ~ 28 = 0.47
Total	1.17 in.

May 14,	.11
" 19,	.23
" 22,	.04
Total	0.28 in.

August 5,	.33
" 6,	.11
" 8,	.05
" 13,	.04
" 15,	.01
" 16,	.13
Total	0.67 in.

June 1,	.08
" 21,	.13
Total	0.21 in.

Sept. 2,	.02
" 9,	.05
" 10,	.06
" 23,	.79
Total	0.92 in.

Total for the six months above; six months = 3.64 inches.

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PRECIPITATION HEBER STATION 1916.

Compiled from U.S. Weather Bureau Reports.

Date	Depth.
April 1,	.04
" 3.	.25
" 5,	.05
" 12,	.10
" 19,	.10
" 21,	.20
Total	0.74 in.

Date	Depth
Aug. 4,	.55
" 5,	.22
" 6,	.26
" 13,	.05
" 16,	.20
" 29,	.10
" 30,	.04
Total	1.45 in.

May 22,	.10
Total	0.10 in.

Sept. 1,	.08
" 7,	.05
" 8,	1.05
" 22,	.25
Total	1.43 in.

June 1,	.08
" 21,	.05
Total	0.13 in.

July 14,	.05
" 15	.10
" 16	.65
" 27	.25
Total	1.05 in.

Total of the above six months = 8.54 inches.

TABLE OF PRECIPITATION THE YEAR

OCTOBER 1915 TO OCTOBER 1916.

Month 1915	Heber Station Normal	Total Prec.	Dep.	Provo Station. Normal	Total Prec.	Dep.
October	1.34	.05	-1.29	1.24	T	-1.24
November	1.36	.22	-1.14	1.11	T	-1.11
December	1.70	1.62	-0.08	1.54	1.28	-0.26
1916						
January	2.46	4.06	*1.60	1.53	3.52	*1.99
February	2.01	1.95	-0.06	1.50	2.33	*0.83
March	2.32	3.45	*1.13	1.74	3.34	*1.60
April	1.28	0.74	-0.54	1.40	0.39	-1.01
May	1.57	0.10	-1.47	1.75	0.38	-1.37
June	0.56	0.13	-0.43	0.73	0.21	-0.52
July	0.77	1.05	*0.28	0.30	1.17	*0.87
August	1.00	1.45	*0.45	0.60	0.67	*0.07
September	1.09	1.43	*0.34	0.76	0.92	*0.16
Totals	17.46	16.25	-1.21	14.20	14.21	*0.01

All depths in inches.

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

OCTOBER, 1915

BY
ALFRED H. THIESSEN
SECTION DIRECTOR

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
NOVEMBER 19, 1915

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Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.
+6°
+3°
Statute Miles
Kilometers

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, OCTOBER, 1915. No. 10.

GENERAL SUMMARY.

October was one long Indian Summer, being warm, very dry, and having very few strong winds. Many stations reported no rain, and without doubt the month was the driest October at most places in the State since the beginning of the Climatological Service in this State. For the State as a whole the average precipitation was the lowest since 1891, and very considerably lower than that of October last year. The temperature averaged above normal, but was not so high as that of October, 1914.

The weather was ideal for what harvesting was done; but not advantageous for plowing, planting, and germinating of fall sown grain, the ground being too dry and hard. Many observers reported ranges and pastures dried up.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.07 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.41 inches at Salt Lake City on the 25th. The lowest was 29.64 inches at Modena on the 10th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 68 stations was 50.2°, which is 1.6° above the normal. The temperature was unusually uniform during the month; while there were some quite warm days, none were unseasonably cold. Of those stations having a record of 10 years or more, only four reported monthly means below normal. The greatest plus departure was 4.7° at Scipio, whose monthly mean was 49.6°; and the greatest minus departure was 1.9° at Corinne, whose monthly mean was 49.3°. The highest monthly mean was 59.6° at St. George, and the lowest was 39.0° at Scofield. As a rule the maximum temperatures occurred during the first decade, usually on the 8th or 9th, the highest being 93° at St. George on the 31st. The minimum temperatures occurred on various dates from the 12th to the 26th, the lowest being 10° at Scofield on the 13th. Nearly every station reported minimum temperatures below 32°, but no damage was done.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 44 per cent, and at 6 p. m. 31 per cent. At Modena at 6 a. m. it was 48 per cent, and at 6 p. m. 20 per cent.

PRECIPITATION.

The precipitation for the State averaged 0.19 inch, which is 0.83 inch below normal. There were 42 stations that reported no rain or only a trace for the entire month. The greatest monthly amount was 2.90 inches at Trout Creek Ranger Station; and the greatest in 24 hours was 1.70 inches at the same station. Most of the precipitation occurred on the 14th and 15th. There were a few scattered showers previous to but practically none subsequent to these dates. The snowfall for the State averaged only 0.1 inch, but many observers reported that mountain peaks within sight of their stations were covered.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 6.9 miles per hour; the highest 36 miles per hour from the north on the 10th; and the prevailing direction from the southeast. At Modena the average velocity was 9.6 miles per hour; the highest 39 miles per hour from the south on the 9th; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 84 at Salt Lake City, and 90 at Modena.

For the State the average number of clear days was 24; partly cloudy, 4; and cloudy, 3.

NOTE:—The name of Baker Ranger Station was changed to Monticello Ranger Station. There was no change in the location of instruments.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Average precipitation.	Total snowfall.	Number of days: Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	Prevailing wind.
1891	49.7	90	12	0.15	.....	1	.....	.....	.....	.....
1892	48.3	92	7	1.08	.....	.....	.....	.....	.....	.....
1893	46.9	92	5	0.29	T.	1	.....	.....	.....	.....
1894	49.8	94	9	0.47	T.	2	19	5	7	SW.
1895	49.2	95	10	0.56	.1	3	22	5	4	SW.
1896	51.0	94	13	1.61	.6	3	19	7	5	SW.
1897	47.8	86	7	2.18	1.5	3	20	7	4	SW.
1898	47.0	90	3	0.67	3.8	3	13	8	10	SW.
1899	45.6	96	9	1.50	3.2	5	14	8	9	SW.
1900	48.9	95	− 1	0.87	2.0	5	18	7	6	SW.
1901	51.7	93	5	1.04	T.	4	18	7	6	SW.
1902	50.0	91	8	0.28	T.	2	21	6	4	SW.
1903	50.3	97	6	0.89	T.	4	24	3	3	N.
1904	48.7	97	7	0.92	1.2	3	23	5	3	W.
1905	45.4	99	0	0.36	1.4	2	24	4	3	SW.
1906	48.4	98	6	0.34	2.0	2	21	5	5	N.
1907	52.5	90	17	1.45	.2	6	13	10	8	SW.
1908	44.8	94	− 5	2.22	9.3	6	17	5	9	SW.
1909	50.8	91	6	0.42	.3	5	19	5	7	SW.
1910	49.7	96	8	1.51	.3	5	19	6	4	SW.
1911	45.2	89	4	1.08	.2	3	21	6	4	N.
1912	46.0	85	0	3.17	5.9	8	13	7	11	S.
1913	46.5	87	5	0.67	.2	5	17	7	7	N.
1914	51.5	90	16	1.47	.3	5	18	9	7	S.
1915	50.2	93	10	0.19	0.1	1	24	4	3	S.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1915.	1st	+5.6	+5.7	+6.0	+6.2	+6.3	+6.3	+6.0	+5.5	+5.0	+4.7	.....	.....	.....
	15th	+5.6	+5.8	+6.1	+6.3	+6.3	+6.2	+5.8	+5.3	+4.8	+4.6	.....	.....	.....

Climatological Data for October, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Beaver	Beaver	6,000	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wm. M. Cox.
Black Rock	Millard	4,872	11	49.9	+ 3.0	86	1†	15	23	65	0.85	−0.33	0.85	0	1	22	3	6	n.	S. Z. Jenkins.
Blanding	San Juan	6,000	7	[a]53.0	.....	74[e]	2†	31	12	34[e]	T.	.....	T.	0	0	27	2	2	s.	Agent Salt Lake Route.
Bluff	San Juan	4,200	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. F. Thompson.
Brigham City	Boxelder	4,305	2	54.4	.....	84	9	29	24	48	0.03	.....	0.03	0	1	.....	.....	.....	.....	E. L. Goodridge.
Burrville	Sevier	6,800	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N. Merrell Valentine.
Castle Dale	Emery	5,500	15	.....	.....	80	3†	.....	.....	.....	0.05	−0.75	0.05	0	1	30	0	1	.....	F. R. Curtis.
Cedar City††	Iron	5,750	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Zella Jeffs.
Center ...‡‡	Tooele	4,250	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Parley Dalley.
Corinne	Boxelder	4,240	44	49.3	− 1.9	77	22	23	13†	48	0.00	−1.10	0.00	0	0	22	7	2	.....	L. C. Peterson.
Deseret	Millard	4,541	19	51.2	+ 2.1	84	8	20	12	57	0.13	−0.52	0.13	0	1	26	3	2	s.	A. C. Murphy.
Duchesne	Duchesne	5,515	7	46.8	.....	74	1†	22	7†	47	0.10	.....	0.10	0	1	23	5	3	.....	S. W. Western.
East Portal...‡‡	Wasatch	7,650	2	40.1	.....	77	2	17	25	52	0.20	.....	0.10	1.0	3	22	5	4	.....	M. M. Smith.
Elberta	Utah	4,650	12	52.0	+ 1.8	81	9	24	12†	50	0.21	−0.71	0.21	0	1	26	3	2	s.	Reclamation Service.
Emery	Emery	6,200	13	50.6	+ 4.7	81	2	21	14	53	T.	−0.60	T.	0	0	7	11	13	sw.	D. C. Walkey.
Farmington	Davis	4,268	13	50.5	+ 0.9	78	22	29	25	38	0.00	−1.48	0.00	0	0	28	3	0	sw.	H. C. Wickman.
Fillmore	Millard	5,100	22	55.4	+ 2.8	86	8	27	25	50	0.35	−0.77	0.35	0	1	.....	.....	.....	.....	Chas. Boylin.
Ft. Duchesne	Uinta	4,941	26	[d]49.2	+ 2.5	77[a]	2	21[a]	27	46[d]	0.04	−0.54	0.04	0	1	22[d]	4[d]	1[d]	w.	L. J. Starley.
Fruitland	Duchesne	6,725	4	.....	.....	.....	.....	.....	.....	.....	1.32	.....	.....	.....	.....	.....	.....	.....	.....	Geo. W. Dickson.
Garland	Boxelder	4,248	2	49.2	.....	78	9	26	25	46	0.20	.....	0.09	0	3	24	3	4	.....	J. E. L. Carey.
Garrison	Millard	4,850	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. T. Roberts.
Government Creek ‡‡	Tooele	5,277	13	52.8	+ 3.9	81	8	27	25	41	0.04	−0.87	0.02	T.	2	22	9	0	w.	E. M. Smith.
Green River	Emery	4,080	14	52.6	− 0.1	89	2	24	26†	54	0.00	−0.53	0.00	0	0	27	3	1	sw.	Walter James.
Hanksville	Wayne	4,200	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. E. Adams.
Heber	Wasatch	5,593	21	46.5	+ 1.4	76	1†	18	4	56	0.05	−1.29	0.05	0	1	25	2	4	s.	F. J. Weber.
Henefer	Summit	5,301	14	46.1	+ 1.1	80	8†	16	24	61	0.07	−1.17	0.07	T.	1	25	3	3	w.	John Crook.
Ibapah	Tooele	7,500	9	48.3	.....	83	8	15	25	57	0.04	.....	0.04	0	1	28	3	0	.....	Wm. Brewer.
Iosepa	Tooele	4,356	3	.....	.....	.....	.....	23	23†	.....	0.00	.....	0.00	0	0	31	0	0	n.	W. M. Chastain.
Kanab	Kane	4,925	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James K. Halemann.
Kelton	Boxelder	4,230	34	47.4	− 1.6	77	9†	21	12†	47	0.15	−0.38	0.15	0	1	18[b]	11[b]	0[b]	sw.	D. D. Rust.
La Sal	San Juan	7,000	11	49.3	+ 3.5	71	2†	26	12	34	0.00	−0.97	0.00	0	0	24	7	0	.....	F. W. Klock.
Leeds (near)...‡‡	Washington	3,400	2	.....	.....	.....	.....	41	15	.....	0.00	.....	0.00	0	0	31	0	0	.....	La Sal Live Stock Co.
Lehi	Utah	4,550	1	[f]52.2	.....	81[f]	9	24[f]	25	52[f]	0.00	.....	0.00	0	0	20[g]	1[g]	3[g]	nw.	B. F. Anderson.
Lemay .....‡‡	Boxelder	4,221	3	52.3	.....	78	1†	28	25	44	0.00	.....	0.00	0	0	27	0	4	.....	Joseph Anderson.
Levan	Juab	5,010	24	51.0	+ 3.7	78	9	26	25	44	0.36	−0.89	0.36	0	1	28	1	2	s.	Agt. Southern Pacific Co.
Logan	Cache	4,507	23	52.4	+ 2.7	76	9	29	12†	36	0.05	−1.32	0.05	0	1	23	7	1	.....	John C. Jensen.
Low ....‡‡	Tooele	4,602	3	40.8	.....	70	7	21	20†	33	0.02	.....	0.02	0	1	22	6	3	.....	Experiment Station.
Lower American Fork..‡‡	Utah	5,063	.....	54.4	.....	79	21	35	11†	36	0.04	.....	0.04	0	1	28	3	0	n.	Agt. Western Pacific Co.
Lower Mill Creek...‡‡	Salt Lake	.....	1	.....	.....	83	21	.....	.....	.....	T.	.....	T.	0	0	20	6	5	n.	Utah Light & Power Co.
Lucin	Boxelder	4,504	7	46.6	.....	78	1†	20	10†	58	0.00	.....	0.00	0	0	25	0	6	.....	D. Folker.
Manila	Uinta	6,225	4	49.6	.....	80[a]	12	22	7	52[a]	1.10	.....	1.10	0	1	21	7	3	.....	E. C. Puryear.
Manti	Sanpete	5,575	19	49.9	+ 2.3	79	8	21	12	50	0.43	−0.57	0.43	T.	1	19	2	10	.....	D. M. Nelson.
Marysvale	Piute	6,180	13	[e]48.2	+ 1.0	81[e]	8	18[e]	12	58[e]	0.66	−0.19	0.66	0	1	23[e]	1[e]	2[e]	n.	J. M. Anderson.
Meadowville...‡‡	Rich	6,200	13	45.5	+ 2.4	73	9	23	25	44	0.18	−1.22	0.15	0	2	27	1	3	w.	A. Soyka.
Midlake....‡‡	Boxelder	4,235	3	55.8	.....	68	9†	43	11	18	0.00	.....	0.00	0	0	17	13	1	.....	J. S. Moffat.
Midvale	Salt Lake	4,365	2	54.6	.....	87	23	22	25	50	T.	.....	T.	0	0	26	3	2	s.	Stella M. Gibson.
Milford	Beaver	4,962	6	.....	.....	81[e]	1†	.....	.....	.....	0.03	.....	0.03	0	1	18[e]	4[e]	4[e]	s.	E. D. Camomile.
Moab	Grand	4,000	24	54.2	+ 0.7	85	2†	29	20†	50	0.14	−0.70	0.14	0	1	24	4	3	.....	Delta Land & Water Co.
Modena	Iron	5,479	13	50.7	+ 0.6	82	8	22	12	49	0.07	−0.75	0.07	0	2	26	2	3	w.	Henry Crouse.
Monticello	San Juan	7,050	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Morgan	Morgan	5,068	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. H. Barton.
Moroni	Sanpete	6,000	6	[f]52.3	.....	80[f]	8	27[f]	12†	45[f]	1.04	.....	1.04	0.2	1	18	10	3	sw.	C. H. Ruble.
Mosida	Utah	4,510	2	50.0	.....	80	9	26	12†	50	0.00	.....	0.00	0	0	26	4	1	.....	B. F. Ellason.
Mountain Home	Duchesne	6,000	1	[a]50.7	.....	77[a]	4†	29[a]	11†	48[a]	0.09	.....	0.05	0.5	2	26[e]	0[e]	2[e]	.....	Mosida Fruit Lands Co.
Nephi (near)	Juab	5,119	9	51.6	.....	82	8	21	12	49	0.49	.....	0.49	0	1	19[d]	6[d]	2[d]	s.	Oscar Wilkins.
Oak City	Millard	4,900	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Jones.
Ogden	Weber	4,310	43	54.3	+ 2.8	83	22	30	12†	41	0.00	−1.32	0.00	0	0	29	2	0	.....	Jos. L. Anderson.
Panguitch	Garfield	6,560	2	43.8	.....	73	8†	13	19†	57	0.00	.....	0.00	0	0	25	6	0	nw.	Ralph Shorten.
Park City	Summit	7,000	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. L. Strembel.
Parowan	Iron	5,970	23	53.2	+ 4.3	81	8	26	12	46	0.45	−0.55	0.35	T.	2	26	2	3	.....	Floyd Fitzgerald.
Pasadena Ranch‡‡	Iron	5,131	.....	.....	.....	.....	.....	.....	.....	.....	0.44	.....	0.44	0	1	25	3	3	sw.	Alex Matheson.
Pine View ....‡‡	Summit	6,335	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. S. Hall.
Pinto	Washington	5,907	16	[a]45.8	+ 1.4	80[a]	1	18[a]	18†	61[a]	0.10	−1.42	0.10	0	1	28[a]	2[a]	0[a]	s.	Granville Deming.
Price	Carbon	5,557	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. H. Harrison.
Provo	Utah	4,532	20	51.5	+ 1.5	84	8	22	25	57	T.	−1.24	T.	0	0	27	4	0	.....	Walter Bass.
Richfield	Sevier	5,350	20	51.9	+ 4.0	89	8	21	12	63	0.20	−0.61	0.20	0	1	26	5	0	nw.	Reclamation Service.
Riverdale ....‡‡	Weber	4,310	1	53.1	.....	80	9†	30	12†	40	T.	.....	T.	0	0	26	3	2	sc.	Simon Christensen.
St. George	Washington	2,880	27	59.6	+ 0.6	93	31	30	19†	63	0.04	−0.60	0.04	0	1	25	0	6	.....	Eugene Bone.
Saltair	Salt Lake	4,220	11	[b]52.8	+ 2.4	73[b]	9†	34[b]	25	25[b]	0.00	−1.24	0.00	0	0	.....	.....	.....	.....	Ray Smith.
SALT LAKE CITY	Salt Lake	4,360	40	56.3	+ 4.1	82	9	37	12	32	0.01	−1.39	0.01	0	1	24	3	4	sc.	E. J. Bench.
Santaquin	Utah	5,250	1	55.0	.....	83	10	30	4†	41	0.32	.....	0.30	T.	2	24	4	3	.....	U. S. Weather Bureau.
Scipio	Millard	5,260	19	49.6	+ 4.7	83	8†	15	26	68	0.20	−1.19	0.20	0	1	24	3	4	sw.	Wm. Broadbent.
Scofield	Carbon	7,625	5	39.0	.....	70	8	10	13	56	0.00	.....	0.00	0	0	19	2	10	s.	Thos. Memmott.
Snake Creek...‡‡	Wasatch	5,950	1	45.8	.....	75	22	18	25	52	0.10	.....	0.10	0	1	25	3	3	s.	B. Newren.
Snowville	Boxelder	.....	12	47.4	+ 0.2	78	5	15	14†	55	0.00	−1.16	0.00	0	0	30	0	1	n.	J. W. Orrock.
Spanish Fork	Utah	4,685	5	50.3	.....	84	8†	30	25	46	0.00	.....	0.00	0	0	28	1	2	.....	J. C. Cutler.
Springdale	Washington	3,500	6	.....	.....	80	23	.....	.....	.....	0.00	.....	0.00	0	0	28	1	2	.....	Reclamation Service.
Standrod	Boxelder	6,000	9	50.4	.....	78	8	26	24	40	0.16	.....	0.16	0	1	21[b]	0[b]	2[b]	.....	F. D. Gifford.
Teasdale	Wayne	7,000	15	47.3	+ 0.7	74	1	18	13	44	0.04	.....	0.04	0.5	1	30	0	1	sw.	T. B. Jones.
Thistle	Utah	5,075	20	46.3	− 1.8	84	21	15	25	63	0.32	−0.26	0.32	1.5	2	11	16	4	nw.	Henry Cullum.
Thompsons	Grand	5,150	2	56.0	.....	78	12	36	19	35	T.	−0.73	T.	0	0	26	3	2	sw.	John I. Hayes.
Tooele	Tooele	4,900	18	54.2	+ 4.1	83	9	32	24†	40	0.00	.....	0.00	0	0	31	0	0	.....	Agt. D. & R. G. Railroad.
Tremonton	Boxelder	4,250	1	49.6	.....	79	22	26	12†	40	0.10	−1.42	0.10	T.	1	16	11	4	w.	E. A. Bonelli.
Tropic	Garfield	7,000	17	50.6	+ 3.0	81	9	25	19	50	0.00	−0.98	0.00	0	0	24	6	1	nw.	A. I. Rosa.
University of Utah ...‡‡	Salt Lake	4,500	1	48.0	.....	81	9†	20	25	47	0.00	.....	0.00	0	0	24	6	1	nw.	E. P. Bolton.
Utah Experiment Station ‡‡	Sanpete	5,700	.....	48.6	.....	86	1	24	30	51	0.00	.....	0.00	0	0	27	4	0	.....	Jos. F. Merrill.
Vernal	Uinta	5,060	16	.....	.....	66	8	19	12	33	0.11	.....	0.09	1.1	3	20	9	2	.....	Forest Service.
Watson (near)...‡‡	Uinta	6,240	4	49.3	.....	75	2	.....	.....	.....	0.17	−0.85	0.17	0	1	21	0	10	w.	Mrs. S. M. Logan.
Wendover	Tooele	4,237	3	54.2	.....	76	10	25	12	40	0.22	.....	0.18	0	2	26	1	4	s.	Homer D. Ford.
Woodruff	Rich	6,500	11	54.2	.....	85	1	34	25†	44	0.00	.....	0.00	0	0	20	10	1	w.	J. S. Cooper.
Woodside	Emery	4,645	3	[e]42.8	+ 1.9	73[e]	9†	15[f]	26	55[f]	0.10	−1.04	0.10	0	1	19	7	5	sw.	O. J. Cal.
For the State				52.4	.....	86	3	24	30	51	0.00	.....	0.00	0	0	.....	.....	.....	.....	Frank Groussman.
				50.2	+ 1.6	93	31	10	13	68	0.19	−0.83	1.10	0.1	1	24	4	3	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing; for example, [c] represents three days missing, etc.

† Also on other dates. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

‡‡ Post office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Echo Farm; of Lemay, Lucin; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily Precipitation for October, 1915.

Stations.	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	
Alpine																																
Alton (C)																																0.00
Beaver			.14	T.							.02			T.	T.																0.16
Beaver Creek Nursery																		.61													0.61
Belknap Ranger Station											.08				T.																0.08
Benmore															.85																0.85
Blanding (C)															T.	T.															T.
Bluff (C)					.03																										
Brigham City																															0.03
Burrville														.68	.03																
Canaan (C)															.05																0.71
Castle Dale (C)			T.	.06							.10																				0.16
Castle Rock																															
Cedar City																															
Cedar Fort																															
Center			.06																												
Clarkston																															
Corinne			.18								.02			.04	.04																0.06
Cottonwood Nursery										T.				.05																	0.00
Deep Creek															.13																0.28
Deseret				T.											.10																0.05
Duchesne (C)			T.								.10			.03	.07																0.13
East Portal (C)															.21																0.10
Elberta				.01						.12				.14	.20																0.20
Elkhorn (C)															T.																0.21
Emery (C)															.08																0.47
Enterprise											T.																				T.
Erekson															.08																0.08
Farmington																															T.
Fillmore											T.				.35																0.00
Ft. Duchesne (C)			T.												.04																0.35
Fruitland (C)														*	1.32																0.04
Garland		T.	.09	.03										.08																	1.32
Garrison														.02																	0.20
Government Creek											.02				.02																
Grantsville																T.															0.04
Green River (C)																															T.
Grouse Creek											T.																				0.00
Hanksville (C)																															T.
Hatch															.01																
Hayden (C)		.05																													0.01
Heber			.07	T.						T.				T.																	0.00
Henefer														T.																	0.05
Howell																															0.07
Hurricane (C)																															
Ibapah														.04																	0.00
Indian Farm											.16				.04																0.04
Iosepa																															0.20
Joseph																															0.00
Jozella Ranch													.04	1.04																	
Junction															.43																0.43
Kanab (C)																															
Kanosh										T				.15	.75	.05															0.90
Kelton											.01	T			.17																0.18
La Sal (C)																															0.00
Leeds, (near) (C)																															0.00
Lehi																															0.00
Lemay																															0.00
Levan										T				.05	.36																0.36
Logan														.02																	0.05
Low			.04												T.																0.02
Lower American Fork		T.												T.		T.															0.04
Lower Mill Creek																															T.
Lucin														1.10																	0.00
Manila (C)											T.				.43																1.10
Manti															.66	T.															0.43
Marysvale											.03			T.	.15																0.66
Meadowville																															0.18
Midlake														T.																	0.00
Midvale																															T.
Milford														.03																	0.03
Mills			.11	.04						.05				T.	.16																0.16
Millville														.22																	0.20
Minersville											.14																				0.22
Moab (C)														.02	.05																0.14
Modena ***															.07																0.07
Monticello (C)																															
Monticello Ranger Station (C)																															
Morgan																															0.00
Moroni										T				T.	1.04																
Mosida																															1.04
Mountain Home (C)				.04						.05																					0.00
Myton (C)		T.													.05																0.09
Nada															.55																0.05
Nephi (near)															.49																0.55
New Castle														*	.17																0.49
New Harmony (C)																															0.17
Oak City																															0.00
Ogden																															
Orderville (C)																															0.00
Panguitch																															0.00
Park City																															0.00
Park Valley (near)																															
Parowan																															0.00
Pasadena Ranch													.10	.35																	0.45
Payson														.44																	0.44
Pine Valley (C)										T.				.05																	0.05
Pine View																															
Pinto (C)																															
Price (C)														T.	.10																0.10
Provo																															
Randolph														T.																	T.
Reed																															
Revere										.06																					0.06

Continued on page 86.

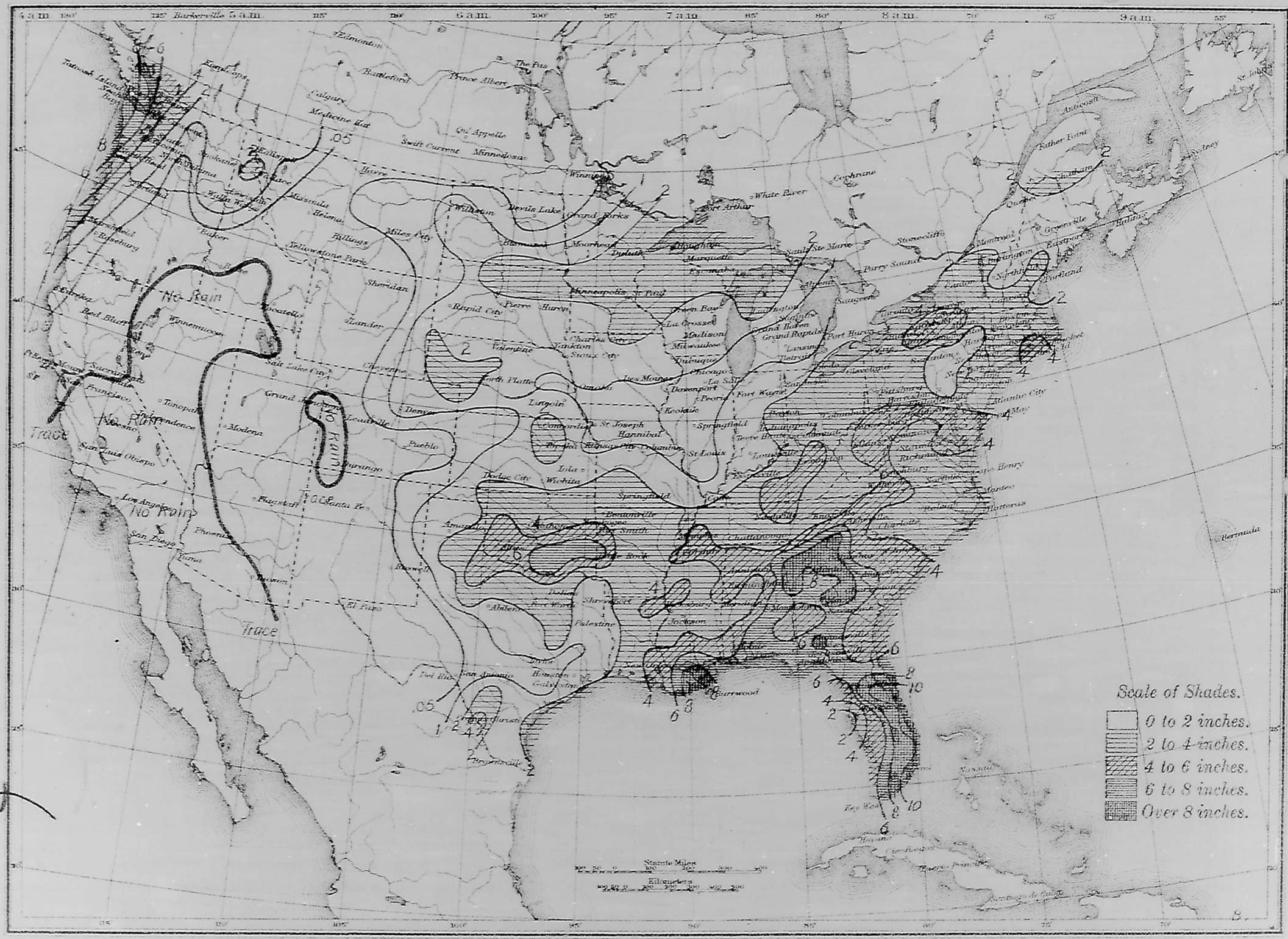
Daily Temperatures for October, 1915.

Stations.		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	Mean
Black Rock	Maximum	86	84	65	66	73	78	80	85	86	77	64	62	69	67	58	65	68	74	79	82	81	80	78	66	62	77	79	75	80	74	70	73.9
	Minimum	25	40	24	20	21	20	22	23	21	45	30	16	19	42	37	31	27	25	29	26	25	20	15	37	19	19	25	22	19	33	25	25.9
Blanding	Maximum	65	74	67	62	63	71	72	74	73	70	65	59	91	57	58	59	65	65	68	70	72	72	70	70	70	67	69	73	....	....	....	[c]67.2
	Minimum	42	43	38	34	33	37	39	45	45	45	40	31	32	42	36	36	35	35	37	40	42	43	34	40	37	39	41	44	37	43	40	38.9
Burrville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Castle Dale	Maximum	70	71	80	80	79	80	71	72	75	74	75	72	80	76	70	69	70	65	67	68	71	67	68	72	75	71	71	75	67	72	70	72.4
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Corinne	Maximum	72	65	63	67	62	65	66	69	76	73	70	56	55	60	62	63	67	69	68	71	72	77	73	71	64	68	68	67	66	67	63	66.9
	Minimum	35	38	35	37	29	33	38	32	30	35	25	23	30	27	36	33	37	29	33	35	29	49	30	23	25	25	32	29	31	26	31.7
Deseret	Maximum	83	82	68	67	69	75	78	84	82	72	65	62	66	67	62	66	69	72	77	80	81	79	76	69	64	74	78	77	77	73	70	73.0
	Minimum	29	42	29	26	26	25	26	27	41	44	31	20	24	46	39	27	26	25	28	26	26	27	42	33	21	21	25	24	25	39	24	29.5
Duchesne	Maximum	74	77	61	57	63	68	63	67	74	71	60	58	60	57	51	58	61	62	68	68	68	67	63	61	62	67	66	68	66	70	66	64.5
	Minimum	30	31	40	28	27	31	22	27	27	33	38	28	26	40	32	31	26	27	24	27	30	30	28	29	24	26	22	28	28	24	36	29.0
Elberta	Maximum	79	78	62	62	67	69	71	80	81	76	70	58	62	64	60	62	64	69	72	74	80	80	78	73	60	72	75	70	76	73	66	70.4
	Minimum	34	41	34	33	28	31	27	30	39	49	36	24	30	39	36	32	30	29	36	31	33	36	45	38	24	28	34	30	32	44	33	33.7
Emery	Maximum	75	81	62	60	61	75	76	78	76	78	79	60	61	60	59	60	62	68	71	72	73	72	70	73	75	74	76	71	72	71	70	70.0
	Minimum	35	34	41	30	35	38	30	37	32	31	35	35	25	21	32	29	22	28	30	31	30	32	35	31	36	28	23	29	30	31	30	31.2
Fillmore	Maximum	73	82	65	64	72	77	80	86	82	72	58	64	67	66	56	65	69	73	77	81	82	80	74	65	65	80	81	76	78	75	71	72.8
	Minimum	37	45	34	31	35	35	34	36	50	44	32	28	33	45	36	35	39	35	44	47	46	45	37	35	27	31	44	36	33	45	41	37.9
Ft. Duchesne	Maximum	73	77	72	69	69	71	68	67	70	74	64	61	60	61	55	61	64	66	67	69	70	71	71	73	72	65	66	....	....	....	....	[c]67.6
	Minimum	35	43	46	33	32	27	24	25	25	37	35	28	27	33	40	41	37	25	27	29	28	25	25	29	30	22	21	....	....	....	....	[c]30.7
Fruitland	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Government Creek	Maximum	74	73	59	51	66	68	71	81	79	70	53	57	63	58	59	60	65	70	71	75	78	77	74	67	61	70	72	69	74	68	62	67.6
	Minimum	43	45	31	34	32	38	35	40	50	45	28	35	35	39	30	33	34	37	45	43	46	41	46	35	27	35	39	37	39	47	36	38.1
Green River	Maximum	80	89	82	70	70	78	70	75	83	81	71	66	68	67	65	68	70	72	74	75	77	77	77	74	72	78	75	75	75	74	74	74.1
	Minimum	35	35	41	35	31	29	30	31	30	43	47	26	25	45	43	46	30	28	27	27	27	25	26	27	28	24	24	26	25	25	26	31.2
Henefer	Maximum	75	70	54	55	64	68	71	80	79	66	60	58	58	54	65	65	70	72	75	79	80	76	65	66	73	75	74	77	72	61	56	68.2
	Minimum	28	29	29	30	28	23	18	20	25	32	19	25	33	41	26	21	20	24	19	21	19	27	31	16	18	20	20	20	23	24	20	24.0
Ibapah	Maximum	82	76	61	64	75	73	74	83	79	74	69	62	67	64	62	64	70	75	76	81	81	79	75	56	63	74	77	74	78	72	67	71.8
	Minimum	30	40	21	22	22	19	21	20	30	34	27	13	29	27	26	21	23	21	33	26	27	25	29	23	15	18	23	21	21	36	25	24.8
Kanab	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Kelton	Maximum	68	75	62	59	66	66	66	70	77	77	54	62	61	58	62	64	64	66	67	67	70	69	72	58	61	67	66	58	66	65	67	65.5
	Minimum	34	37	35	35	27	30	25	23	29	36	36	21	31	39	36	31	33	27	35	27	29	24	29	21	22	26	30	27	22	25	23	29.2
La Sal	Maximum	65	71	64	58	55	62	65	68	71	63	61	50	56	55	54	53	55	60	62	65	68	70	70	62	59	66	69	69	71	67	60	62.7
	Minimum	38	45	39	32	31	34	35	40	46	41	34	26	30	40	37	31	32	31	34	37	35	41	40	42	30	32	36	35	38	37	35	35.9
Leeds (near) §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	49	52	51	48	46	48	52	53	45	44	45	42	42	50	41	46	46	45	45	46	45	44	43	44	48	46	47	49	46	48	47	46.5
Lemay	Maximum	78	67	78	70	70	73	73	73	75	65	65	62	60	62	60	62	65	68	70	72	75	73	73	72	73	73	72	68	65	64	63	69.0
	Minimum	38	35	38	37	37	35	35	35	35	35	33	42	40	37	35	38	39	40	35	37	35	36	35	28	30	30	33	35	36	34	35.6
Levan	Maximum	75	76	57	59	65	68	72	77	78	72	61	56	59	60	56	59	61	61	69	73	72	76	75	64	59	72	73	72	75	70	64	67.3
	Minimum	36	44	32	32	31	32	32	34	41	53	34	27	30	41	35	32	32	31	35	31	36	36	41	40	26	28	35	32	33	40	33	34.8
Logan	Maximum	73	68	55	58	68	61	68	74	76	70	62	58	60	57	57	62	64	67	70	72	73	73	74	70	60	60	67	69	67	68	64	66.0
	Minimum	45	42	41	40	36	39	38	41	46	36	33	29	35	39	39	41	40	39	40	37	45	45	51	34	29	35	34	40	40	38	38	38.9
Low §§	Maximum	62	50	52	56	52	57	70	65	53	52	50	50	42	55	52	55	57	60	52	54	60	40	42	42	40	54	45	60	56	42	50	52.2
	Minimum	44	32	30	31	32	28	32	40	41	27	24	27	28	27	29	31	36	35	32	30	31	36	28	23	22	21	22	21	32	23	21	29.5
Lucin	Maximum	78	77	60	62	67	72	68	70	68	78	73	60	58	60	60	61	64	68	72	75	75	73	73	73	66	66	67	68	64	64	64	67.9
	Minimum	38	38	39	32	28	35	27	30	27	20	33	20	20	20	20	25	24	24	24	23	23	23	22	21	21	21	21	21	21	21	21	25.4
Manila	Maximum	71	70	60	....	61	63	62	73	76	79	71	80	78	72	50	54	60	65	68	69	73	70	64	72	63	69	72	73	68	69	72	[c]68.7
	Minimum	31	30	31	23	31	30	22	25	30	35	36	40	43	41	24	34	40	29	31	58	31	31	30	37	23	24	28	26	24	28	26	30.4
Manti	Maximum	77	77	63	59	66	70	74	79	78	72	64	60	60	60	54	68	68	72	70	75	78	77	75	71	63	75	75	75	75	70	65	69.8
	Minimum	29	37	33	28	24	28	27	30	35	43	30	21	25	42	30	25	28	28	33	28	31	31	35	33	22	25	30	29	28	32	30	30.0
Meadowville	Maximum	68	64	51	53	57	68	58	67	73	61	56	53	58	53	50	57	60	60	64	68	63	69	69	52	64	67	61	57	68	60	60	60.9
	Minimum	30	34	32	33	30	30	24	25	31	41	30	24	32	36	37	30	29	29	39	28	29	25	32	24	23	27	28	28	28	33	32	30.1
Milford	Maximum	81	80	80	78	....	79	80	79	....	73	53	62	78	65	65	....	65	78	76	80	81	70	71	61	55	75	70	75	70	....	....	[c]72.1
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Moab	Maximum	78	85	68	69	71	76	76	77	84	85	59	63	65	66	69	65	68	70	72	73	74	76	78	77	72	69	73	74	74	76	72	72.7
	Minimum	43	42	40	36	35	34	33	33	34	58	40	33	31	35	40	41	35	33	32	29	29	32	35	41	36	31	30	31	31	32	34	35.6
Modena	Maximum	80	80	64	65	71	78	80	82	76	71	54	60	60	63	46	60	65	72	76	78	78	75	72	59	65	74	75	76	75	69	68	70.1
	Minimum	33	42	28	28	32	36	31	33	39	37	35	22	27	38	36	28	27	27	28	30	29	31	36	31	23	25	31	28	28	37	32	31.2
Monticello	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Moroni	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	77	80	78	68	54	58	61	59	60	59	63	67	71	74	78	75	75	64	70	72	75	72	74	73	65	[c]68.9
Mosida	Maximum	77	78	65	62	62	64	66	74	80	76	73	57	58	60	62	60	62	64	65	70	72	73	70	72	74	75	76	69	70	73	70	[c]35.7
	Minimum	34	40	36	34	30	32	28	31	40	38	36	26	28	30	29	35	33	31	29	30	32	31	30	30	28	29	26	33	31	38	30	31.9
Ogden §§	Maximum	80	71	62	63	68	69	73	81	81	67	57	61	66	56	60	66	67	75	74	79	80	83	78	58	62	70	73	72	75	72	64	69.8
	Minimum	42	43	38	42	35	35	33	37	45	49	33	30	37	42	45	40	35	36	42	40	40	41	52	37	30	33	37	40	43	35	38	38.8
Panguitch	Maximum	64	62	66	62	65	68	70	73	66	64	67	60	63	61	71	69	61	66	67	64	72	70	62	67	63	69	73	70	70	68	70	66.6
	Minimum	31	27	24	29	23	21	26	24	19	26	22	27	27	29	21	20	16	19	13	20	22	20	17	19	12	16	17	19	13	17	19	21.1
Park City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pasadena Ranch	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Parowan	Maximum	80	77	72	65	70	78	80	84	77	70	67	62	62	61	48	60	66	70	76	78	80	80	74	66	70	67	77	75	77	69	69	71.4
	Minimum	36	41	38	29	30	34	35	40	43	38	31	26	28	41	32	34	31	32	34	35	38	40	42	35	31	29	36	39	37	38	35	35.1
Pinto	Maximum	80	79	....	....	....	....	....	....	....	70	66	68	....	....	....	63	63	74	74	77	77	76	76	75	74	74	73	....	....	....	66	65	[c]72.1
	Minimum	21	22	....	....	....	....	....	....	....	36	32	16	....	....	....	15	14	13	13	15	17	20	21	21	19	18	20	....	....	21	18	[c]19.6
Provo	Maximum	80	78	66	67	67	70	76	84	82	80	74	60	62	64	60	66	73	71	75	80	82	82	80	76	62	79	79	76	80	77	68	73.4
	Minimum	32	33	32	31	26	27	24	27	32	36	33	24	29	36	32	30	28	27	30	29	31	29	34	32	22	25	28	28	27	33	32	29.6
Richfield	Maximum	86	84	76	68	78	76	79	89	86	77	58	65	64	68	57	67	70	70	78	81	83	82	84	70	66	80	82	79	79	77	76	75.3
	Minimum	29	37	26	26	25	25	26	26	32	35	34	21	23	42	36	32	28	25	27	26	26	26	32	37	24	23	27	26	25	31	26	28.5
St. George	Maximum	88	88	89	88	76	78	85	89	92	90	83	70	74	72	75	68	75	79	81	81	83	88	89	90	92	90	89	91	92	90	93	84.1
	Minimum	38	38	39	37	42	34	35	35	41	41	44	34	31	45	47	37	35	33	30	31	30	32	30	33	35	30	32	31	30	32	31	35.2
SALT LAKE CITY	Maximum	78	68	57	59	67	64	69	78	82	66	53	58	61	58	61	60	66	71	69	75	81	80	77	60	58	65	72	68	72	71	61	67.3
	Minimum	47	49	43	42	40	46	42	46	58	47	40	37	40	48	43	42	41	44	49	47	50	52	58	42	38	39	44	46	47	53	45	45.3
Scofield	Maximum	67	65	66	52	60	59	66	70	68	60	47	54	55	48	51	54	58	60	64	65	67	68	63	64	63	65	66	69	65	61	60	61.1
	Minimum	20	21	22	19	14	23	13	14	19	34	20	11	10	25	22	20	14	13	12	14	15	14	16	13	12	14	14	14	15	19	17	16.9
Standrod	Maximum	72	57	56	56	67	59	67	78	75	64	43	55	60	50	52	61	67	69	67	74	73	72	68	59	59	70	71	70	72	67	59	64.2
	Minimum	40	43	34	36	32	33	32	38	50	37	30	29	36	40	34	34	35	34	41	39	43	39	45	26	29	34	41	37	37	44	35	36.7
Teasdale	Maximum	74	71	73	72	63	67	69	70	72	68	60	64	56	55	48	50	57	60	64	66	68	67	70	62	61	67	66	66	65	65	64	64.5
	Minimum	31	29	33	26	24	27	26	31	40	39	29	20	18	34	32	34	27	33	31	29	27	31	30	37	34	29	27	33	32	32	25	30.1
Tooele	Maximum	79	71	59	62	70	69	69	75	83	73	53	60	59	56	59	62	68	72	72	74	78	81	76	69	58	65	72	69	70	73	64	68.4
	Minimum	40	49	49	41	38	40	33	38	51	48	33	34	33	41	36	38	38	36	41	38	44	41	45	32	29	32	36	37	39	47	40	39.9
Tremonton §§	Maximum	73	66	58	58	63	67	69	74	78	66	55	58	63	53	60	66	65	67	70	73	77	79	70	56	58	66	70	71	70	71	63	66.6
	Minimum	35	36	39	39	29	30	36	32	32	34	36	26	26	38	39	39	30	32	32	30	31	38	37	30	26	27	26	30	31	32	33	32.6
Tropic	Maximum	72	74	63	67	69	74	78	78	81	72	61	62	64	56	48	66	68	69	75	75	74	70	74	71	69	71	75	77	73	69	67	69.4
	Minimum	38	35	36	34	33	32	35	32	31	33	33	31	26	36	37	36	31	27	25	30	26	26	28	33	38	32	27	33	26	27	35	31.7
Watson (near)	Maximum	73	74	73	55	65	68	68	71	71	76	61	56	57	55	48	52	60	63	69	70	68	67	71	66	69	64	70	68	66	68	62	65.3
	Minimum	37	42	32	29	29	33	29	32	34	37	31	25	28	40	32	40	30	30	35	33	35	34	33	40	29	28	34	35	35	37	35	33.3
Wendover	Maximum	85	76	65	66	70	69	68	71	82	72	59	62	63	64	64	65	67	67	72	66	69	71	80	70	60	64	67	68	67	68	66	68.5
	Minimum	41	52	42	42	37	42	40	40	40	45	39	35	41	49	40	42	37	38	41	39	40	37	44	39	34	34	34	36	35	37	42	39.8

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Total Precipitation Inches, October, 1913.



Daily Precipitation for October, 1915.

Continued from page 83.

Stations.	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	
Richfield															.20																	0.20
Richmond ‖‖			.04	.07						.02																						0.13
Riverdale			T.																													T.
Sahara																																
St. George (C)															.04																	0.04
Saltair																																0.00
SALT LAKE CITY ***			.01							T.				T.	T.																	0.01
Santaquin											.02			T.	.30																	0.32
Scipio															.20																	0.20
Scofield (C)																																0.00
Silver City																																
Silver Lake				1.05		T.		T.						T.																		1.05
Snake Creek ‖‖			.10											T.																		0.10
Snowville																																0.00
Spanish Fork																																0.00
Springdale (C)														T.	.16																	0.16
Standrod											.04																					0.04
Sunnyside (C)															T.																	T.
Teasdale (C)														T.	*	.32																0.32
Thistle											T.																					T.
Thompsons (C)																																0.00
Tooele											.10																					0.10
Tremonton ‖‖															.11																	0.11
Tropic (C)																																0.00
Trout Creek Ranger (C)			T.	.20						.21				.19	1.70	.60																2.90
University of Utah																																0.00
Utah Experiment Station											.09	T.	T.	T.	.01	.01																0.11
Vernal (C)															.17																	0.17
Victor (C)																																0.00
Watson (near) (C)											.18				.04																	0.22
Wendover																																0.00
Whiskey Creek ‖‖																																0.00
Winder													.01																			0.01
Woodruff				.10																												0.10
Woodside (C)																																0.00

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

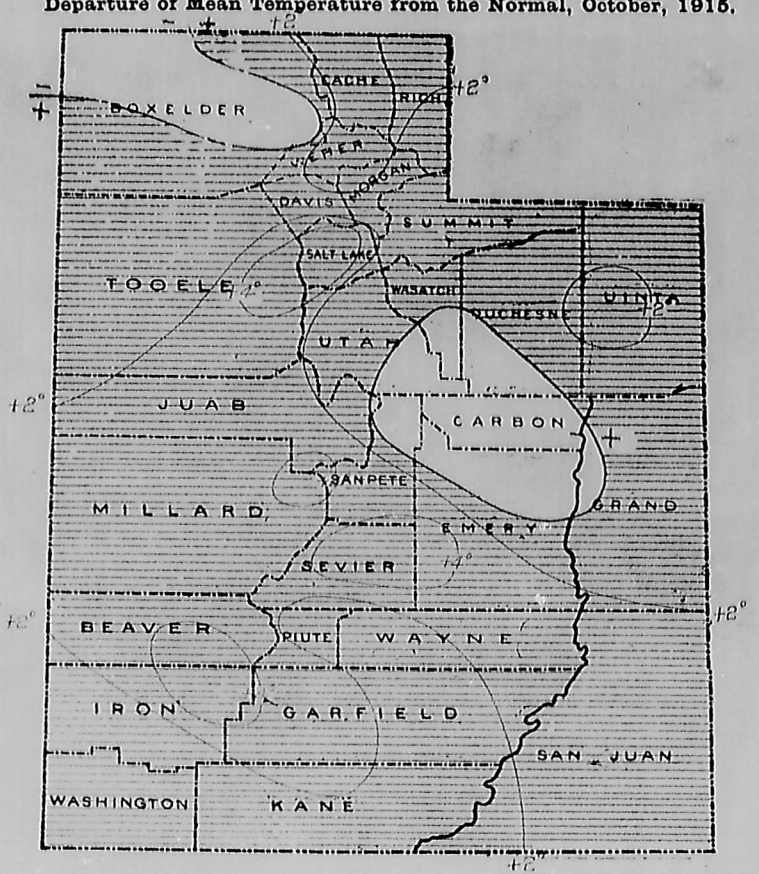
‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

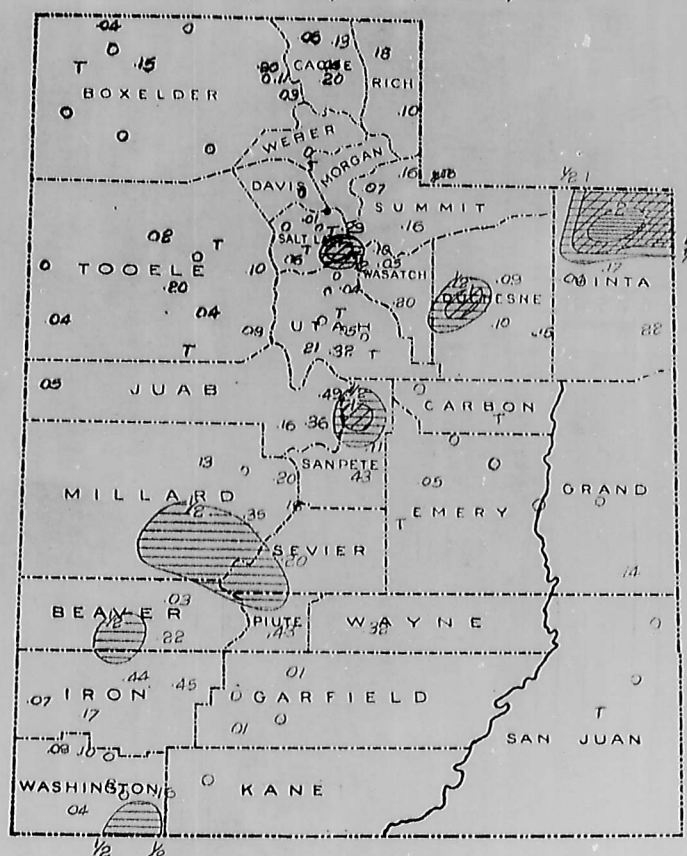
* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Departure of Mean Temperature from the Normal, October, 1915.



Total Precipitation, inches, October, 1915.



SCALE OF SHADES—IN INCHES.

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

NOVEMBER, 1915

BY
ALFRED H. THIESSEN
SECTION DIRECTOR

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
DECEMBER 20, 1915

Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.
+3°
+6°
+3°
+3°
+3°
Statute Miles
Kilometers

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, NOVEMBER, 1915. No. 11.

GENERAL SUMMARY.

November was nearly a normal month in regard to temperature, but the precipitation was above normal. The snow cover was very light in the valleys, but considerable fell in the mountains. Some plowing was done and also other outside work as the weather was very favorable. Some apprehension was felt for fall-sown wheat as the snow cover was light. Sunshine was deficient. Compared witn November of last year, the temperature for the present month averaged lower, but the precipitation was greatly in excess.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.09 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.54 inches at Salt Lake City on the 17th.

The lowest was 29.42 inches at Salt Lake City on the 24th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 74 stations was 38.0°, which is 0.1° above the normal. There were no periods of pronounced cold weather, and as a rule the temperature conditions were advantageous to all lines of activity. The local mean temperatures ranged from 49.6° at Springdale to 26.6° at Scofield. Nearly every station east of the Wasatch divide reported mean monthly temperatures below normal; but those west of this divide, except in the northwestern part of the State and extreme western portion of Iron County, reported average temperatures above normal. The greatest plus departure was 10.0° at Black Rock, whose mean was 47.8°; and the greatest deficiency was 3.1° at Snowville, whose mean was 33.4°. The maximum temperatures for the month occurred usually from the 1st to the 5th, the highest being 79° at Black Rock on the 4th. The minimum temperatures were observed from the 13th to the 16th and from the 25th to the 28th, the lowest being —15° at Scofield on the 26th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 58 per cent, and at 6 p. m. 53 per cent. At Modena at 6 a. m. it was 65 per cent, and at 6 p. m. 35 per cent.

PRECIPITATION.

The precipitation for the State averaged 1.18 inches, which is 0.27 inch above normal. Nearly every station having ten or more years of record reported amounts above normal. The local monthly amounts ranged from a trace at two stations to 3.87 inches at Farmington. The greater amounts fell from the 6th to the 10th, during which period the precipitation was quite general. Lighter amounts fell on the 16th, 24th, 26th, 30th and adjacent dates. For November the distribution of rainfall was less even than usual for this month. The larger amounts fell, as a rule, at the more elevated stations, but in a few notable instances there were unusually large amounts reported at lowland stations, as for instance, 2.44 inches at Beryl and 3.87 inches at Farmington. The greatest 24-hour amount was 1.39 inches at Moroni on the 7th. There was an average of only 3.6 inches of snow recorded, but much heavier amounts were reported in the mountains.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 6.9 miles per hour; the highest 39 miles per hour from the northwest on the 16th; and the prevailing direction from the southeast. At Modena the average velocity was 10.6 miles per hour; the highest 46 miles per hour from the south on the 9th; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 50 at Salt Lake City, and 61 at Modena.

For the State the average number of clear days was 12; partly cloudy, 7; and cloudy, 11.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891	41.1	80	6	0.21	T.	2	.....	.....	.....	.....
1892	36.7	76	—6	0.30	2.8	1	.....	.....	.....	.....
1893	34.4	86	—16	0.83	5.8	6	11	10	9	W.
1894	40.0	82	—9	0.05	.1	0	22	5	3	SW.
1895	32.7	75	—24	1.47	11.0	5	13	7	10	SW.
1896	33.4	78	—20	1.23	6.0	6	12	9	9	SW.
1897	39.3	78	1	0.96	2.7	4	15	8	7	SW.
1898	35.7	82	—8	0.96	3.3	5	16	8	6	SW.
1899	40.5	82	3	0.70	.6	3	17	7	7	SW.
1900	40.1	80	1	1.51	6.5	5	16	6	8	SW.
1901	41.3	76	0	0.29	T.	2	18	8	4	SW.
1902	36.9	81	—13	1.78	7.9	5	13	8	9	N.
1903	39.1	80	—19	0.73	2.9	2	15	8	7	N.
1904	39.4	83	0	T.	T.	0	25	3	2	N.
1905	37.9	79	—11	1.53	6.8	5	16	5	9	SW.
1906	36.1	90	—18	1.81	12.1	7	10	8	12	W.
1907	37.4	79	—8	0.34	2.9	2	19	6	5	N.
1908	36.0	78	—14	0.62	6.3	2	18	6	6	NW.
1909	40.0	87	11	2.37	7.8	6	10	7	13	S.
1910	42.0	83	—3	0.78	1.3	4	13	8	9	SW.
1911	34.1	79	—20	0.65	4.5	3	15	7	8	N.
1912	37.6	75	—6	0.79	3.0	4	17	6	7	S.
1913	39.6	80	—17	1.70	2.6	6	11	8	11	SW.
1914	38.9	85	—5	0.12	.7	1	23	4	3	N.
1915	38.2	86	—15	1.18	3.6	5	12	7	11	S.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1915.	1st	+5.6	+5.7	+6.0	+6.2	+6.3	+6.3	+6.0	+5.5	+5.0	+4.7	+4.5	.....	.....
	15th	+5.6	+5.8	+6.1	+6.3	+6.3	+6.2	+5.8	+5.3	+4.8	+4.6	+4.5	.....	.....

Climatological Data for November, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	.....	12	35.4	.....	65	1†	7	11	38	1.96	.....	0.88	2.8	4	13	7	10	s.	Wm. M. Cox.
Beaver	Beaver	6,000	10	[m]36.8	− 2.1	[6]9[m]	23	5[m]	15	56[m]	1.21	+0.46	1.05	1.0	4	.....	.....	.....	.....	S. Z. Jenkins.
Black Rock	Millard	4,872	11	47.8	+10.0	79	4	15	11	52	0.60	−0.02	0.30	1.0	3	18	0	12	.....	Agent Salt Lake Route.
Blanding	San Juan	6,000	7	[a]36.9	.....	60[e]	6	11[e]	14	33[e]	0.76	.....	0.30	0	5	13[a]	8[a]	8[a]	s.	E. F. Thompson.
Bluff	San Juan	4,200	2	~~46.7~~	~~+ 4.2~~	3[5a]	6	12	13†	58[a]	0.03	.....	0.03	0	1	22	0	8	.....	Perry A. Clark.
Brigham City	Boxelder	4,305	2	39.8	.....	70	3	18	28	34	1.10	.....	0.42	6.0	7	.....	.....	.....	.....	N. Merrell Valentine.
Burrville	Sevier	6,800	3	[e]30.2	.....	57[e]	3	4[e]	17	40[e]	1.05	.....	0.47	.....	3	.....	.....	.....	.....	F. R. Curtis.
Castle Dale	Emery	5,500	15	.....	.....	.....	.....	.....	.....	.....	0.47	−0.28	0.37	T.	2	26[a]	1[a]	2[a]	.....	Miss Zella Jeffs.
Cedar City††	Iron	5,750	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Parley Dalley.
Center ....‡‡	Tooele	4,250	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. C. Peterson.
Corinne	Boxelder	4,240	44	38.2	+ 0.9	68	1	10	29	43	0.56	−0.47	0.28	0	3	13	2	15	.....	A. C. Murphy.
Deseret	Millard	4,541	19	40.2	+ 3.0	73	5	8	28	46	0.85	+0.38	0.55	T.	2	11	4	15	s.	S. W. Western.
Duchesne	Duchesne	5,515	7	35.1	.....	65	5	9	28	36	1.08	.....	0.75	T.	2	10	11	9	w.	M. M. Smith.
East Portal....‡‡	Wasatch	7,650	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Reclamation Service.
Elberta	Utah	4,650	12	40.4	+ 1.6	76	4	7	28	40	0.30	−0.34	0.25	0.5	5	13	5	12	s.	D. C. Walkey.
Emery	Emery	6,200	13	42.0	+ 4.7	69	2†	9	27	44	1.17	+0.79	1.03	0	2	1	1	28	n.	H. C. Wickman.
Farmington	Davis	4,268	13	41.8	+ 1.7	70	3†	15	14	30	3.87	+2.36	1.10	3.8	8	11	11	8	n.	Chas. Boylin.
Fillmore	Millard	5,100	22	42.8	+ 0.9	77	4	15	28	37	2.06	+1.10	0.82	3.5	6	.....	.....	.....	.....	J. J. Starley.
Ft. Duchesne	Uinta	4,941	26	[a]32.6	− 0.9	69[a]	6	8[a]	29	47[a]	0.61	+0.25	0.60	.....	2	24[a]	2[a]	3[a]	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. L. Carey.
Garland	Boxelder	4,248	2	36.1	.....	68	3†	10	27	32	0.72	.....	0.20	6.8	7	7	10	13	.....	J. T. Roberts.
Garrison	Millard	4,850	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	13	39.2	+ 0.7	71	4	9	28	37	1.08	0.00	0.59	4.6	7	8	10	12	s.	Walter James.
Green River	Emery	4,080	14	38.2	− 1.3	74	4	7	28	48	1.05	+0.54	0.47	1.5	4	16	11	3	sw.	E. E. Adams.
Hanksville	Wayne	4,200	3	35.8	.....	74	4	5	30	53	0.57	.....	0.52	0.5	2	20	3	7	sw.	F. J. Weber.
Heber	Wasatch	5,593	21	35.2	− 2.6	70	2†	− 4	25	50	1.03	−0.33	0.35	8.5	8	9	7	14	n.	John Crook.
Henefer	Summit	5,801	14	33.8	− 1.3	72	5	− 2	14	48	2.90	+1.23	0.79	17.2	11	8	6	16	nw.	Wm. Brewer.
Ibapah	Tooele	7,500	9	37.0	.....	71	4	− 2	28	48	0.49	.....	0.24	3.8	6	10	19	1	sw.	W. M. Chastain.
Iosepa	Tooele	4,356	3	[a]38.1	.....	64[h]	25	7	28	41[h]	1.00	.....	0.55	T.	4	21	8	1	s.	James K. Halemanu.
Kanab	Kane	4,925	6	.....	.....	.....	.....	.....	.....	.....	1.82	.....	0.81	4.0	4	.....	.....	.....	.....	D. D. Rust.
Kelton	Boxelder	4,230	34	33.3	− 2.0	63	5	2	14	35	0.32	−0.05	0.15	1.0	5	2[b]	14[b]	12[b]	.....	F. W. Klock.
La Sal	San Juan	7,000	11	36.1	−1.5	69	4	8	14†	33	0.90	−0.03	0.50	.....	8	10	18	2	.....	La Sal Live Stock Co.
Leeds (near)....‡‡	Washington	3,400	2	.....	.....	.....	.....	.....	.....	.....	1.62	.....	0.63	.....	4	21	0	9	.....	B. F. Anderson.
Lehi	Utah	4,550	1	[a]39.6	.....	75[e]	3	9[e]	29	43[e]	0.97	.....	0.80	T.	5	10[d]	7[d]	9[d]	.....	Joseph Anderson.
Lemay .....‡‡	Boxelder	4,221	3	39.4	.....	65	4	17	28	29	T.	.....	T.	T.	0	6	10	14	.....	E. J. Ineck.
Levan	Juab	5,010	24	39.3	− 2.7	74	4	10	28	39	1.11	+0.13	0.65	3.0	7	7	6	17	.....	John C. Jensen.
Logan	Cache	4,507	23	38.7	+ 1.1	67	3	14	14	29	1.37	+0.07	0.47	9.0	6	10	10	10	.....	Experiment Station.
Low ....‡‡	Tooele	4,602	3	32.5	.....	60	25	9	14	32	0.20	.....	0.10	2.0	2	13	8	9	.....	Agt. Western Pacific Co.
Lower American Fork..‡‡	Utah	5,063	...	41.2	.....	72	4	15	28	26	1.12	.....	0.75	0.4	4	12	6	12	n.	W. S. Greenwood.
Lower Mill Creek..‡‡	Salt Lake	.....	1	43.0	.....	73	4	17	14	26	2.50	.....	0.95	13.0	9	5	6	15	s.	D. Folker.
Lucin	Boxelder	4,504	7	36.2	.....	72	1†	3	13†	42	0.37	.....	0.26	0.8	4	14	11	5	.....	E. C. Puryear.
Manila	Uinta	6,225	4	[a]30.0	.....	74	1	1[c]	17	46[c]	0.68	.....	0.46	1.0	3	7	13	10	.....	D. M. Nelson.
Manti	Sanpete	5,575	19	37.6	+ 0.5	72	4	5	28	50	1.46	+0.53	0.74	2.8	6	6	3	21	.....	T. M. Anderson.
Marysvale	Piute	6,180	13	[a]34.9	− 2.0	78[e]	4	5[e]	15	46[e]	0.96	+0.19	0.63	2.2	3	8[e]	3[e]	16[e]	w.	A. Soyka.
Meadowville....‡‡	Rich	6,200	13	34.3	+ 1.0	67	4	5	28	36	1.01	+0.21	0.38	6.2	7	8	4	18	s.	J. S. Moffat.
Midlake....‡‡	Boxelder	4,235	3	42.8	.....	60	1†	28	13	15	0.10	.....	0.10	T.	1	7	4	19	nw.	Stella M. Gibson.
Midvale	Salt Lake	4,365	2	42.4	.....	76	4	6	14	40	1.27	.....	0.58	3.9	7	8	8	14	s.	E. D. Camomile.
Milford	Beaver	4,962	6	.....	.....	73[d]	5	.....	.....	.....	0.06	.....	0.04	.....	2	6	14	10	s.	Delta Land & Water Co.
Moab	Grand	4,000	24	42.4	+ 1.2	78	4†	15	28	44	0.88	+0.21	0.21	.....	6	8	16	6	.....	Henry Crouse.
Modena	Iron	5,479	13	37.9	− 1.1	71	4	9	28	42	0.54	−0.06	0.44	T.	4	11	12	7	w.	U. S. Weather Bureau.
Monticello	San Juan	7,050	6	31.3	.....	64	4†	7[a]	14	31[a]	0.90	.....	0.55	.....	4	23	4	3	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dasil Smith.
Moroni	Sanpete	6,000	6	[a]38.0	.....	73[e]	4	9[e]	25	32[e]	2.12	.....	1.39	3.7	7	7	12	11	sw.	B. F. Eliason.
Mosida	Utah	4,510	2	39.2	.....	76	5	10	25†	40	0.64	.....	0.64	0	1	19	4	7	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	1	[a]32.2	.....	67[a]	1	− 3[a]	14	40[a]	0.72	.....	0.46	1.0	3	20[e]	0[e]	7[e]	w.	Oscar Wilkins.
Nephi (near)	Juab	5,119	9	.....	.....	.....	.....	.....	.....	.....	0.90	.....	0.60	.....	2	.....	.....	.....	.....	J. W. Jones.
Oak City	Millard	4,900	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jos. L. Anderson.
Ogden	Weber	4,310	43	41.8	+ 3.3	72	5	17	14	25	1.78	+0.62	0.80	9.0	7	15	5	10	.....	Ralph Shorten.
Panguitch	Garfield	6,560	2	33.6	.....	69	1	4	28†	46	1.37	.....	0.91	T.	3	17	3	10	nw.	H. L. Strembel.
Park City	Summit	7,000	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parowan	Iron	5,970	23	41.5	+ 2.5	72	4	9	14	39	0.76	+0.06	0.22	1.5	5	15	5	10	.....	Alex Matheson.
Pasadena Ranch‡‡	Iron	5,131	...	.....	.....	.....	.....	.....	.....	.....	0.99	.....	0.83	0.5	3	13	13	4	sw.	W. S. Hall.
Pine View ....‡‡	Summit	6,335	2	[a]33.4	.....	67[e]	5	1[e]	13	43[e]	2.15	.....	0.90	15.0	4	.....	.....	.....	.....	Granville Deming.
Pinto	Washington	5,907	16	39.8	+ 3.9	70[h]	1†	7[e]	14	52[e]	0.89	−0.31	0.73	0.1	3	13[f]	3[f]	4[f]	s.	J. H. Harrison.
Price	Carbon	5,557	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter Bass.
Provo	Utah	4,532	20	41.4	+ 2.0	79	4	10	28	45	1.37	+0.26	0.99	T.	8	11	6	13	.....	Reclamation Service.
Richfield	Sevier	5,350	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Simon Christensen.
Riverdale ....‡‡	Weber	4,310	1	41.4	.....	70	3†	15	13†	31	1.53	.....	0.79	7.5	6	11	5	14	s.	Eugene Bone.
St. George	Washington	2,880	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ray Smith.
Saltair	Salt Lake	4,220	11	42.1	+ 2.2	70	4†	19	14	21	2.49	+1.43	1.19	7.5	8	.....	.....	.....	.....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	40	43.6	+ 3.2	74	4	19	14	28	1.61	+0.19	0.74	5.2	9	5	9	16	sc.	U. S. Weather Bureau.
Santaquin	Utah	5,250	1	42.0	.....	74	4	12	25	39	1.94	.....	1.15	.....	9	12	9	9	.....	Wm. Broadbent.
Scipio	Millard	5,260	19	40.4	+ 3.3	77	4	6	28	58	1.84	+0.62	0.64	2.0	6	14	4	12	sw.	Thos. Mcinnott.
Scofield	Carbon	7,625	5	26.6	.....	63	5	−15	26	54	3.21	.....	1.14	20.0	12	7	4	19	s.	B. Nowron.
Snake Creek....‡‡	Wasatch	5,950	1	33.4	.....	65	3†	− 3	28	40	2.18	.....	0.49	14.3	13	7	11	12	s.	J. W. Orrock.
Snowville	Boxelder	.....	12	33.4	− 3.1	68[a]	1†	2	26†	47[a]	0.40	−0.48	0.14	.....	3	20	0	10	n.	J. C. Cutler.
Spanish Fork	Utah	4,685	5	42.1	.....	78	4	12	14	38	1.41	.....	0.92	2.0	6	3	12	15	.....	W. P. Shippee.
Springdale	Washington	3,500	6	49.6	.....	86	5	21	14†	53	1.47	.....	0.80	0.0	4	13[f]	9[f]	1[f]	.....	F. D. Gifford.
Standrod	Boxelder	6,000	9	[a]36.6	.....	66	2	7[b]	28	33[b]	0.87	.....	0.23	5.4	7	7	7	16	w.	T. B. Jones.
Teasdale	Wayne	7,000	15	36.3	− 0.2	68	4	5	28	40	0.27	−0.30	0.11	4.0	5	8	8	14	w.	Henry Cullum.
Thistle	Utah	5,075	20	[a]35.3	− 1.4	75[d]	4	− 2[d]	14	54[d]	1.40	+0.26	0.47	6.0	9	10	9	11	.....	John I. Hayes.
Thompsons	Grand	5,150	2	42.6	.....	75	5	11	14†	46	1.08	.....	0.50	1.0	3	23	1	6	.....	J. F. Geesiin.
Tooele	Tooele	4,900	18	42.0	+ 2.4	73	5	15	13	33	1.14	−0.37	0.49	2.5	6	2	10	18	s.	E. A. Bonelli.
Tremonton	Boxelder	4,250	1	36.5	.....	69	5†	10	28	36	0.77	.....	0.21	1.5	7	6	5	19	s.	A. I. Rosa.
Tropic	Garfield	7,000	17	36.4	− 1.2	69	1	13	12	38	0.92	0.00	0.62	1.0	4	13	9	8	nw.	E. P. Bolton.
University of Utah....‡‡	Salt Lake	4,500	1	[c]36.4	.....	73	4†	4[g]	14	40[c]	1.65	.....	0.80	.....	5	11	11	8	.....	Jos. F. Merrill.
Utah Experiment Station ‡‡	Sanpete	8,700	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Forest Service.
Vernal	Uinta	5,060	16	[a]41.2	.....	68	4	20[b]	13	28[b]	1.04	+0.32	0.44	T.	5	18[a]	2[a]	9[a]	w.	Mrs. S. M. Logan.
Watson (near)....‡‡	Uinta	6,210	4	35.8	.....	68	4	5	14†	32	1.06	.....	0.47	3.0	9	23	0	7	s.	Homer D. Ford.
Vendover	Toocle	4,237	3	40.0	.....	68	4†	12	14	28	.....	.....	.....	.....	.....	6	14	10	w.	C. Gibson.
Woodruff	Rich	6,500	11	29.8	− 0.9	61	2	− 8	28	50	1.05	+0.77	0.40	4.9	8	6	10	14	w.	O. J. Call.
Woodside	Emery	4,645	3	[a]37.8	.....	72[a]	1†	11[a]	29	47[a]	1.04	.....	0.66	0.0	3	.....	.....	.....	.....	Frank Groussman.
For the State	.....	.....	.....	38.0	+ 0.1	86	5	−15	26	58	1.18	+0.26	1.39	3.6	5	12	7	11	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing; for example, [e] represents three days missing, etc.

† Also on other dates. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

‡‡ Post office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Echo Farm; of Lemay, Lucin; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Land; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily Precipitation for November, 1915.

Stations.	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	
Alpine						.86				.12		.10			.10																	
Alton (C)						.88	.55		.33	.20														.10						.10		1.38
Beaver							1.05		*	.04																						1.96
Beaver Creek Nursery						.01	.69		.15	.02	.04	T.												T.		.12						1.21
Belknap Ranger Station								.57																								0.91
Benmore						.30	.23		T.	.05	.05				.05				.37										.28		1.22
Black Rock						.30	.20																	.04								0.72
Blanding (C)						.11	.26	.02	.07	.30																	.10					0.60
Bluff (C)						T	T		.03																							0.76
Brigham City							.42	.04		.42																						0.03
Burrville						.47	.38			.20											.10			.02	.02						.08		1.10
Canaan (C)					.19	.33	.11		.35																							1.05
Castle Dale (C)										.10		.37																	T.			0.98
Castle Rock							.72			.05	.10					.45					.07			.15		.10				.03		0.47
Cedar City																																1.67
Cedar Fort																																
Center																																
Clarkston																																
Corinne						.28		.08		.20						T.																
Cottonwood Nursery																													T.			0.56
Deep Creek						.06			.30	T.		T.			.05	.01								T.		.25						
Deseret						.55	.30		T.															T.		T.						0.67
Duchesne (C)						T.	.75		.33							T.										T.						0.85
East Portal (C)																																1.08
Elberta						T.	.25	.01	.01							T.								T.			.02			.01		0.30
Elkhorn (C)																																
Emery (C)							1.03	.14																								
Enterprise						.60	.03	.10	.25	.02																						1.17
Erekson						.12	.50			.10						.07																1.00
Farmington						.80	1.05	.05	.60	1.10	.15					.02								.07	.03				T.			0.89
Fillmore					T.	.82	.61		.20				.10			T.					T.			10						T.		3.87
Ft. Duchesne (C)							.60							.01										18			.15					2.06
Fruitland (C)																																0.61
Garland						.13	.03	.09	.20						T.	T.				.02					.13				12			
Garrison																																0.72
Government Creek						.10	.49	.03		.25		T.				.07				T.				.08		.06			T.			1.08
Grantsville						.08	.28	.11		.19	.01					.02								.03	.01				T.			0.73
Green River (C)						.18	.17	.10	T.	.07	T.					T.	.02				.13				.15		.30				.07		1.05
Grouse Creek						.52																										0.44
Hanksville (C)						.56	.05		.20	.10																	.05					0.57
Hatch						T.			.10																							0.91
Hayden (C)					T.	.35	.05		T.	.25	T.					.08			T.	.05		T.		.10	.10	T.				.05		1.10
Heber						.10	.78		.75	.38	.79	T.	.05			.29					.10			.14	.05	.07				.05		1.03
Henefer						T.	.80		.03	.58	T.	T.	T.			.10	T.				T.			.65	T.	T.				.01		2.90
High Line City Creek																																2.17
Howell						.70	.30	.10	.40																							
Hurricane (C)						.07	.04			.24					.01									.03		.10						1.50
Ibapah						.23	.07	T.	T.	.15							.01							T.								0.49
Indian Farm						.09	.55		.33		T.					T.								T.		.03						0.46
Ioscpa																																1.00
Joseph						.30	.32	1.02	.80																							
Jozella Ranch						.37	.29		.05	.19	.06																					2.44
Junction																																1.05
Kanab (C)			.33	.47		.21		.81																			.09					1.82
Kanosh						.46	.41		.14		.18																						1.63
Kelton						.04	.03		.05											T.				.02		.42						0.32
Lake View Farm					T.	.20	.50		T.	.03	T.		.06			T.									.15			.05				1.21
La Sal (C)						.07	.50	.05	.02	.13	.04		.02											.12		T.	.30					0.90
Leeds, (near) (C)						.41	.63	.08	T.	.50														T.			.06					1.62
Lehi								.80	.10																							0.97
Lemay											T.	T.												.02		.03				.02		T.
Levan						.05	.65		.06		.02		.04														T.					1.11
Logan						.47		T.	.20	.24		T.				T.								.15	T.		.14					1.37
Low							T.			.10					.10									.18		.21			.07			0.20
Lower American Fork							.75		.14	.05						T.																1.12
Lower Mill Creek							.95	T.		.55	.07		.14			T.	.15							.20	.33	.03	T.			.18		2.50
Lucin									.01	T.		T.				T.			.26						.05					.08		0.37
Manila (C)							.46	.12																						.05		0.68
Manti				T.		.31	.74	T.	.09	T.			.08			T.								.09			.15				.10		1.46
Marysvale						T.	.63		.20	.18							T.						T.	T.								0.96
Meadowville							.38	T.	T.	.20	.10	T.	.10			.10								.03		.10						1.01
Midlake						T.			T.	.10						T.																0.10
Midvale																																1.27
Milford						.58			.05	.19	.07	.04				.08				T.				.26		T.		T.				0.06
Mills						.04	.02			T.																						1.78
Millville						.20	.25		.07															.11			.02					0.65
Minersville						.48		.02	.24	.63	.05	.02									.03			.20	T.	.37				.08		2.12
Moab (C)						.62	.31		.15	.03																						1.11
Modena ***						.04	.19	.20	.21	.09																						0.88
Monticello (C)						.44	.06	.01	.03	T.																.15						0.54
Monticello Ranger Station (C)						.06	.08		.30	.55																						0.99
Morgan						.32		.19	.71	.52																						1.74
Moroni																																
Mosida						.05	1.39	T.	.26	.07		T.			.01									.23		.11						2.12
Mountain Home (C)							.64																									0.64
Myton (C)							.46			.22						.04									T.							0.72
Nada						.16	.34		.03	.21			.02																			0.76
Nephi (near)						.56	.24	.19	.02	.03																						1.04
New Castle									.60					.30																		0.90
New Harmony (C)						.46	.02	.11	.10	T.			T.																			0.69
Oak City						.88	.76																									1.64
Ogden							.70			.80	.09	.13																				1.78
Orderville (C)						.95	.60	.03	.19	.38											.01			.01						.04		2.15
Panguitch						.28	.91		.18	T.																						1.37
Park City																										T.						
Park Valley (near)						T.	T.	T.	T.	T.	T.					T.																0.21
Parowan						.22	.20		.20	.06			.08							.08				.08		T.				.05		0.76
Pasadena Ranch						.83	.11			.05																						0.99
Payson							.53	.05					.03		.05				T.					.08		.12			T.			0.86
Pine Valley (C)																																
Pine View							.65				.90				.80									.30								2.15
Pinto (C)						*	.73		.15	.01																						0.89
Price (C)																																
Provo					T.			.99		T.						T.			T.	T.				T.								1.37
Randolph		T.	.02				.48		.12												.10					.27						0.99
Reed																																

Continued on page 94.

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Daily Temperatures for November, 1915.

Stations.		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	Mean
Black Rock	Maximum	70	73	77	79	78	70	68	64	65	63	56	52	69	62	70	66	56	60	73	66	69	70	65	68	64	66	52	60	65	65	....	66.0
	Minimum	23	29	30	32	33	35	33	31	28	29	15	19	17	17	23	17	29	31	32	42	45	46	36	38	32	38	26	30	33	20	....	29.6
Blanding	Maximum	....	....	....	....	....	60	52	49	49	47	34	39	33	37	41	37	37	50	48	51	52	55	56	50	55	35	54	47	46	44	....	[e]46.3
	Minimum	35	35	35	36	42	40	37	35	39	28	18	17	21	11	19	24	21	21	27	27	32	32	31	20	....	27	....	14	19	....	....	[e]27.5
Burrville	Maximum	46	45	51	54	58	39	39	42	39	30	....	....	....	....	....	32	36	46	52	50	40	43	49	38	40	40	36	30	32	38	....	[e]41.8
	Minimum	14	20	29	26	25	20	30	29	26	22	....	....	....	....	....	5	4	10	15	10	19	24	25	20	15	16	16	10	19	15	....	[e]18.6
Castle Dale	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Corinne	Maximum	68	65	67	66	66	61	55	53	47	52	43	45	34	38	42	34	45	50	54	50	52	57	55	52	49	41	62	52	42	41	....	51.3
	Minimum	25	28	27	34	38	42	25	27	23	27	22	22	19	22	14	21	19	24	26	39	32	26	27	29	20	18	21	15	10	30	....	25.1
Deseret	Maximum	68	71	69	68	73	60	50	55	55	49	42	50	40	41	49	53	44	55	62	65	54	65	63	45	41	58	45	42	48	54	....	54.5
	Minimum	22	26	43	41	42	43	40	33	41	26	19	20	20	11	13	33	13	20	21	36	26	22	24	35	12	25	22	8	24	16	....	25.9
Duchesne	Maximum	61	59	61	63	65	60	49	42	45	40	36	39	33	33	37	38	42	52	49	57	58	59	51	41	40	48	39	33	38	48	....	47.2
	Minimum	33	26	28	32	28	28	35	25	31	29	19	14	21	18	12	20	22	16	17	19	35	36	21	24	21	20	23	9	10	17	....	23.0
Elberta	Maximum	62	70	70	76	73	68	56	55	51	47	40	45	38	38	45	40	41	50	56	58	58	60	68	62	41	50	40	37	45	45	....	52.8
	Minimum	28	30	43	50	49	45	39	31	44	30	22	24	16	10	14	29	16	25	23	40	35	29	31	33	12	30	16	7	20	20	....	28.0
Emery	Maximum	67	69	63	65	68	69	65	60	61	66	64	60	61	51	45	46	48	50	51	60	64	52	45	45	41	39	37	39	36	38	....	54.2
	Minimum	25	26	25	29	32	30	29	20	21	25	21	18	17	11	10	13	19	29	23	20	28	24	11	13	12	20	9	10	12	13	....	29.8
Fillmore	Maximum	70	74	71	77	72	61	50	60	51	44	47	48	37	40	50	49	50	56	63	64	62	67	65	55	41	62	46	41	46	51	....	55.7
	Minimum	33	37	40	42	46	44	36	33	37	27	21	24	20	17	19	32	20	26	27	42	34	34	38	34	17	32	25	15	22	25	....	30.0
Ft. Duchesne	Maximum	63	63	65	65	67	69	55	53	51	42	40	42	39	40	46	39	46	46	48	46	45	47	43	45	45	43	45	39	41	....	....	[a]48.9
	Minimum	21	20	22	23	23	22	20	21	18	23	20	15	15	17	15	16	15	17	15	13	12	14	12	11	13	10	11	9	8	....	....	[a]16.2
Fruitland	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Government Creek	Maximum	64	67	64	71	69	63	50	52	50	42	37	40	31	37	47	47	37	51	56	59	55	61	57	53	35	49	39	37	46	44	....	50.3
	Minimum	27	35	47	52	47	45	36	35	41	24	10	25	18	12	18	19	13	29	31	43	36	33	39	26	11	28	10	9	21	25	....	28.2
Green River	Maximum	70	70	68	74	73	63	59	54	56	54	41	47	42	41	46	46	48	50	52	57	55	58	57	52	46	48	37	38	38	43	....	52.8
	Minimum	25	22	28	29	30	40	41	32	40	35	23	19	28	14	16	21	18	18	17	20	22	22	20	26	23	16	23	7	15	18	....	23.6
Henefer	Maximum	65	66	70	67	72	63	50	50	50	39	39	36	34	33	42	41	34	45	51	52	50	61	46	51	34	45	35	33	46	40	....	48.0
	Minimum	19	18	24	31	34	30	34	20	39	26	15	3	3	− 2	11	21	2	24	18	29	33	25	22	20	5	30	10	3	15	28	....	19.7
Ibapah	Maximum	67	70	67	71	70	67	55	54	52	38	38	42	32	43	48	47	47	59	65	62	65	65	63	54	53	53	43	38	49	51	....	54.3
	Minimum	19	22	27	38	37	27	37	21	22	5	10	9	12	3	9	27	5	21	23	37	27	21	27	30	9	26	12	− 2	17	14	....	19.7
Kanab	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Kelton	Maximum	59	60	62	62	63	57	50	52	48	39	42	40	26	36	43	38	41	57	47	52	51	49	47	42	39	35	34	35	39	40	....	46.2
	Minimum	24	25	34	37	35	29	30	21	35	27	24	25	7	2	15	20	9	15	16	24	20	23	20	22	6	17	13	10	4	24	....	20.4
La Sal	Maximum	64	67	65	69	67	55	52	48	48	44	29	35	28	32	42	37	36	44	51	58	58	57	58	46	33	47	38	34	42	40	....	47.5
	Minimum	33	34	37	38	40	40	36	31	31	24	16	15	17	8	16	23	17	19	22	29	29	34	32	26	10	18	22	8	15	22	....	24.7
Leeds (near) §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	40	41	44	45	47	50	49	42	48	35	30	24	30	26	3	32	48	48	36	30	36	36	32	30	30	28	29	25	28	31	....	36.0
Lemay	Maximum	58	57	63	65	64	57	50	53	48	39	43	41	39	38	42	44	44	49	53	54	55	50	53	51	44	41	40	38	43	42	....	48.6
	Minimum	30	30	34	36	38	35	30	34	38	32	28	29	23	21	28	32	30	33	34	35	37	32	30	30	31	24	22	17	25	24	....	30.1
Levan	Maximum	64	71	66	74	71	63	52	52	50	40	39	35	35	47	51	44	39	50	55	58	52	61	64	56	36	50	38	34	43	45	....	51.2
	Minimum	29	32	37	41	42	44	37	31	41	31	20	19	18	14	17	28	18	27	24	40	33	31	30	29	11	24	17	10	23	26	....	27.5
Logan	Maximum	61	62	67	65	65	56	47	41	51	43	30	35	32	34	42	44	38	45	55	50	50	57	57	57	41	42	32	27	38	40	....	46.8
	Minimum	38	37	38	49	40	39	30	30	35	28	23	30	20	14	26	32	21	34	34	45	35	34	44	30	31	20	18	23	23	26	....	30.6
Low §§	Maximum	52	52	55	55	51	41	50	50	42	27	32	22	20	30	22	40	32	50	43	39	54	43	46	48	60	52	38	49	54	52	....	43.4
	Minimum	22	24	31	38	27	25	21	22	31	22	11	18	11	9	20	10	13	20	22	26	19	43	30	14	16	34	16	10	21	23	....	21.6
Lucin	Maximum	72	71	68	70	72	70	60	54	49	40	42	40	35	35	39	42	40	52	50	49	52	49	48	48	35	43	45	32	40	44	....	49.5
	Minimum	35	33	34	36	39	28	27	24	32	25	22	17	3	8	13	22	13	17	17	32	27	30	30	29	12	16	14	3	32	20	....	23.0
Manila	Maximum	73	71	30	50	60	64	50	50	48	30	25	21	26	32	44	30	31	39	60	52	49	43	60	55	38	40	36	37	40	39	....	44.1
	Minimum	27	28	25	27	28	34	30	21	22	20	11	6	10	12	10	5	1	8	10	11	8	9	11	10	....	....	....	....	....	....	....	[f]16.0
Manti	Maximum	66	68	66	72	65	65	56	51	54	44	40	42	38	38	50	40	40	53	58	59	56	63	57	50	60	51	45	36	42	59	....	52.8
	Minimum	24	27	28	32	32	36	34	24	36	22	18	12	16	8	17	12	15	22	30	33	30	28	24	16	10	20	14	5	18	29	....	22.4
Meadowville	Maximum	58	61	57	67	65	52	48	43	45	34	28	32	31	30	38	37	46	50	45	50	50	52	56	46	33	36	24	27	40	40	....	44.0
	Minimum	34	25	30	35	30	30	34	25	33	21	14	16	12	9	19	25	24	34	38	36	38	30	35	22	13	21	9	5	11	30	....	24.6
Milford	Maximum	....	....	....	....	73	51	54	55	54	50	51	45	45	40	35	43	40	45	43	65	60	61	60	41	45	50	51	41	43	41	....	[a]49.3
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Moab	Maximum	69	68	72	78	78	60	63	64	64	64	49	52	53	44	47	48	50	51	52	58	59	63	56	61	56	51	46	44	45	48	....	57.1
	Minimum	30	29	33	34	35	49	50	36	48	38	25	21	27	17	18	23	20	19	21	20	26	27	16	46	18	19	30	15	18	25	....	27.8
Modena	Maximum	68	66	66	71	68	49	47	48	49	39	40	45	31	41	49	53	42	52	62	63	61	67	59	44	45	53	39	39	55	51	....	52.1
	Minimum	26	31	35	33	36	39	34	33	29	22	18	16	15	9	14	28	15	18	23	33	30	28	28	23	15	24	18	9	17	19	....	23.9
Monticello	Maximum	61	62	60	64	64	60	52	49	47	47	33	32	30	32	39	40	35	43	52	55	54	55	53	47	42	40	38	32	41	52	....	47.0
	Minimum	35	36	36	39	36	39	35	30	38	25	13	12	16	7	15	21	15	20	28	24	30	30	43	30	14	24	17	10	....	24	....	[a]25.6
Moroni	Maximum	....	....	68	73	68	60	50	52	48	41	37	40	34	34	46	49	39	51	56	56	53	63	57	54	33	51	37	38	46	47	....	[b]49.3
	Minimum	....	....	40	41	43	44	30	34	38	30	20	17	19	10	17	29	16	27	27	37	34	33	32	23	9	23	17	11	21	26	....	[b]26.7
Mosida	Maximum	58	62	70	74	76	67	56	56	52	48	43	45	35	42	48	50	48	47	55	55	56	52	63	60	41	42	41	40	44	44	....	52.3
	Minimum	28	30	32	35	36	40	40	39	35	31	23	17	12	13	15	14	20	26	23	42	35	27	28	32	10	30	19	10	15	23	....	26.0
Ogden §§	Maximum	64	69	70	68	72	66	53	56	55	35	35	39	35	37	48	43	42	55	60	55	55	55	65	58	38	43	45	38	37	55	45	51.2
	Minimum	36	36	44	50	43	48	41	35	46	30	21	28	18	17	27	33	20	31	32	42	41	31	39	33	21	32	23	19	24	31	....	32.4
Panguitch	Maximum	69	65	63	64	66	62	64	50	46	44	32	39	29	30	32	39	45	49	53	55	57	54	52	49	55	57	53	50	46	47	....	50.5
	Minimum	25	24	22	26	23	21	21	26	26	24	10	9	15	6	11	14	10	14	18	22	22	17	21	11	13	20	9	4	4	6	....	16.7
Park City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pasadena Ranch	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Parowan	Maximum	70	70	70	72	69	58	48	50	49	41	40	47	40	38	60	47	46	58	63	63	63	66	63	52	47	57	47	47	58	56	....	55.2
	Minimum	31	35	38	42	39	41	38	30	39	26	16	16	15	9	30	29	19	22	27	33	33	32	26	28	16	26	28	13	22	24	....	27.8
Pinto	Maximum	70	70	....	....	....	60	60	58	51	50	48	45	37	36	....	....	....	60	61	65	65	66	....	....	....	....	....	....	....	....	....	....	[b]56.4
	Minimum	18	20	....	....	....	35	40	35	30	....	10	9	19	7	....	....	....	25	25	27	23	24	....	....	....	....	....	....	....	....	....	....	[b]23.1
Provo	Maximum	66	72	73	79	75	70	55	57	53	52	44	43	37	49	49	49	43	54	64	60	60	66	68	61	45	47	41	49	50	46	....	55.9
	Minimum	25	27	34	40	44	38	34	29	44	31	27	21	22	12	18	28	18	29	23	39	29	25	27	26	15	33	20	10	20	20	....	26.9
Richfield	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
SALT LAKE CITY	Maximum	64	68	70	74	72	64	49	55	54	35	41	43	32	36	47	48	43	53	60	55	56	64	62	56	43	44	35	38	46	45	....	51.7
	Minimum	42	44	55	55	51	47	40	39	32	30	29	22	19	28	32	28	37	37	46	43	40	46	28	22	33	26	21	30	32	....	....	35.4
Scofield	Maximum	61	61	58	61	63	58	51	37	39	34	28	33	18	33	42	39	41	45	51	49	30	51	52	43	34	39	27	30	40	46	....	43.1
	Minimum	19	13	21	26	30	27	21	31	31	13	− 8	8	0	− 5	− 3	14	0	5	10	16	21	23	17	14	− 4	−15	0	−13	−10	0	....	10.0
Standrod	Maximum	57	66	64	62	65	52	46	47	42	30	33	32	30	36	43	42	37	49	58	50	54	57	55	50	38	40	33	34	38	42	....	46.1
	Minimum	35	33	33	44	35	31	30	27	28	24	24	22	....	....	22	25	16	29	30	35	33	30	47	23	11	27	14	7	18	27	....	[b]27.1
Teasdale	Maximum	64	58	60	68	67	55	50	52	56	55	30	40	35	40	45	38	38	50	51	58	59	61	60	47	51	54	48	28	34	50	....	50.1
	Minimum	24	30	33	34	38	40	41	26	34	23	14	9	11	6	18	12	20	23	21	28	29	28	28	16	12	18	22	5	12	20	....	22.5
Tooele	Maximum	65	69	72	72	73	66	50	54	53	36	39	40	33	35	44	49	44	54	55	57	59	55	64	59	40	48	38	37	47	47	....	51.8
	Minimum	38	36	47	50	45	44	40	33	33	27	22	30	15	17	22	30	25	32	32	43	49	36	45	29	21	35	20	17	23	28	....	32.1
Tremonton §§	Maximum	60	66	68	64	69	69	51	49	53	37	34	36	32	37	43	40	39	50	55	48	49	57	51	37	38	41	37	37	42	45	....	47.8
	Minimum	29	28	30	36	44	40	39	28	33	28	18	26	20	12	14	26	17	17	25	28	35	28	27	33	15	17	17	10	14	23	....	25.2
Tropic	Maximum	69	67	63	67	61	44	55	52	47	41	34	41	28	42	45	47	42	55	54	51	58	65	52	34	51	44	36	49	46	55	....	49.8
	Minimum	32	29	26	29	28	32	33	29	27	23	18	13	16	19	18	15	16	25	26	24	25	29	24	27	17	22	18	15	14	20	....	23.0
Watson (near)	Maximum	61	62	62	68	67	60	52	47	48	47	34	38	33	34	40	40	35	45	45	54	52	56	57	50	35	45	37	30	35	42	....	47.0
	Minimum	30	30	37	38	49	42	30	27	37	28	19	17	15	5	10	20	13	19	23	35	35	34	29	25	10	25	18	5	13	20	....	24.6
Wendover	Maximum	60	55	62	68	68	62	59	55	52	52	46	44	39	40	42	47	44	55	52	61	51	55	50	52	44	50	43	36	43	45	....	51.1
	Minimum	36	35	40	42	40	40	39	33	35	31	21	25	23	12	20	31	24	28	28	32	34	31	31	29	20	28	20	13	22	26	....	29.0

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Barkerville 5 a.m.
6 a.m.
7 a.m.
8 a.m.
9 a.m.
NO RAIN
TRACE
TRACE
Scale of Shades.
0 to 2 inches.
2 to 4 inches.
4 to 6 inches.
6 to 8 inches.
Over 8 inches.
Statute Miles
Kilometers
C.A.O'B

Daily Precipitation for November, 1915.

Continued from page 91.

Stations.	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	
Revere						.50	.06		.15	.05		.50				.05								.14						.05		1.50
Richfield																																
Richmond ‖‖						.23	.02	.03	.31	.24	.01	T.			.04	.01				.04			.16		.09				.09		1.27
Riverdale							.79			.57						.02				.03				.02					.10		1.53
St. George (C)																																
Saltair						.08	.53		.35	1.19			.17			.03								12					.02		2.49
SALT LAKE CITY ***						.67	.07		.14	.21	T.	.01	T.			.10					.01			.37		T.			.03		1.61
Santaquin						.01	1.15	.20	.17	.04		.18	T.			.04								.10		.05					1.94
Scipio						.40	.64	T.	.25		T.		.35											.06			.14				1.84
Scofield (C)						.10	1.00	1.14	.06	.13	.08	.04	.03				.05							.31	.12	.15						3.21
Silver City							1.04		.69					.64		.82						.32									3.51
Silver Lake																																
Snake Creek ‖‖					.01	.49	.03		.29	.27		T.			.05	.22				.08			.13	.23	.25	.08			.05		2.18
Snowville								.14		.12						.14															0.40
Spanish Fork							.92	.01	.12		.14		T.								T.			.10		T.	.12				1.41
Springdale (C)						.38	.80	.15	T.	.14														.10							1.47
Standrod								T.	.13	.09	T.	T.				.11		T.			.13			.12	T.	.23			.06		0.87
Sunnyside (C)						.38	.93	T.	T.				.07											T.		.10					1.48
Teasdale (C)							.11		.04	.02					T.									.03		.07					0.27
Thistle						.47	.40		.15	.28	.01		.02			.01	T.							.05			.01				1.40
Thompsons (C)																																
Tooele						.06	.45		T.	.49						T.	.02				T.			.08		T.	.04		T.		1.14
Tremonton ‖‖							.10	.01	.08	.21											.04	T.				.15			.18		0.77
Tropic (C)						.62	.11		.09	.10																					0.92
Trout Creek Ranger (C)						.19	.46	.25	.37	.31						.09								.10							1.77
University of Utah							.80	.10		.30														.35					.10		1.65
Utah Experiment Station																																
Vernal (C)						.16	.35		.44	.07						.02								T.							1.04
Victor (C)																																
Watson (near) (C)						.08	.47	T.	.04	.18						.16			.03					.02	.05		.03				1.00
Wendover																																
Whiskey Creek ‖‖						1.00	.90																	.09							1.99
Winder						.11			.15	.10																					0.36
Woodruff						.10	.40		.11	.15		T.	T.			.12								.09		.07			.01		1.05
Woodside (C)						.66		.35	.03																						1.04

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

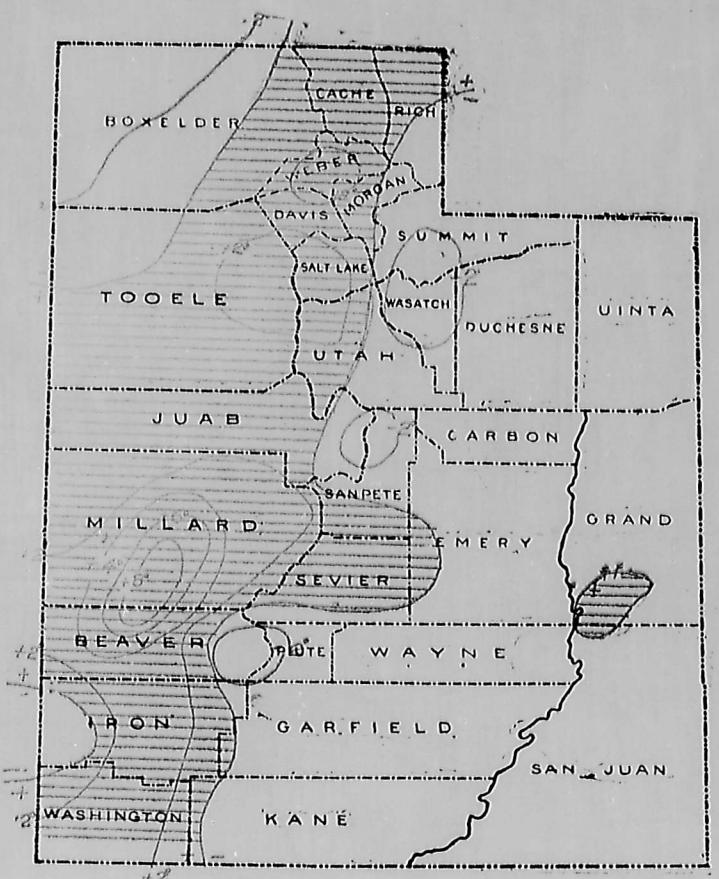
‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

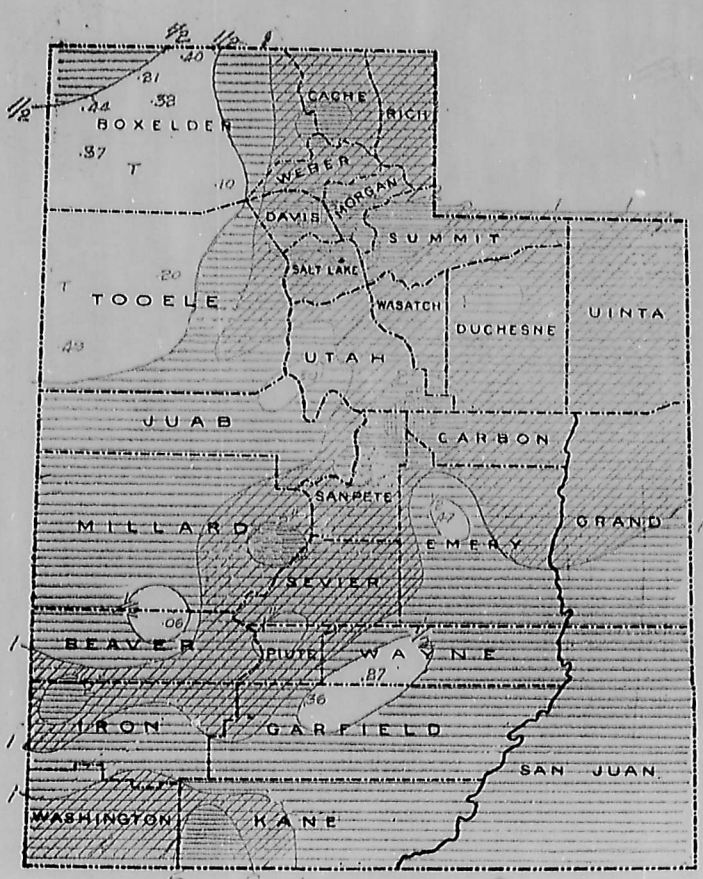
* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

Departure of Mean Temperature from the Normal, November, 1915.



Total Precipitation, inches, November, 1915.



SCALE OF SHADES—IN INCHES.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

DECEMBER, 1915

BY

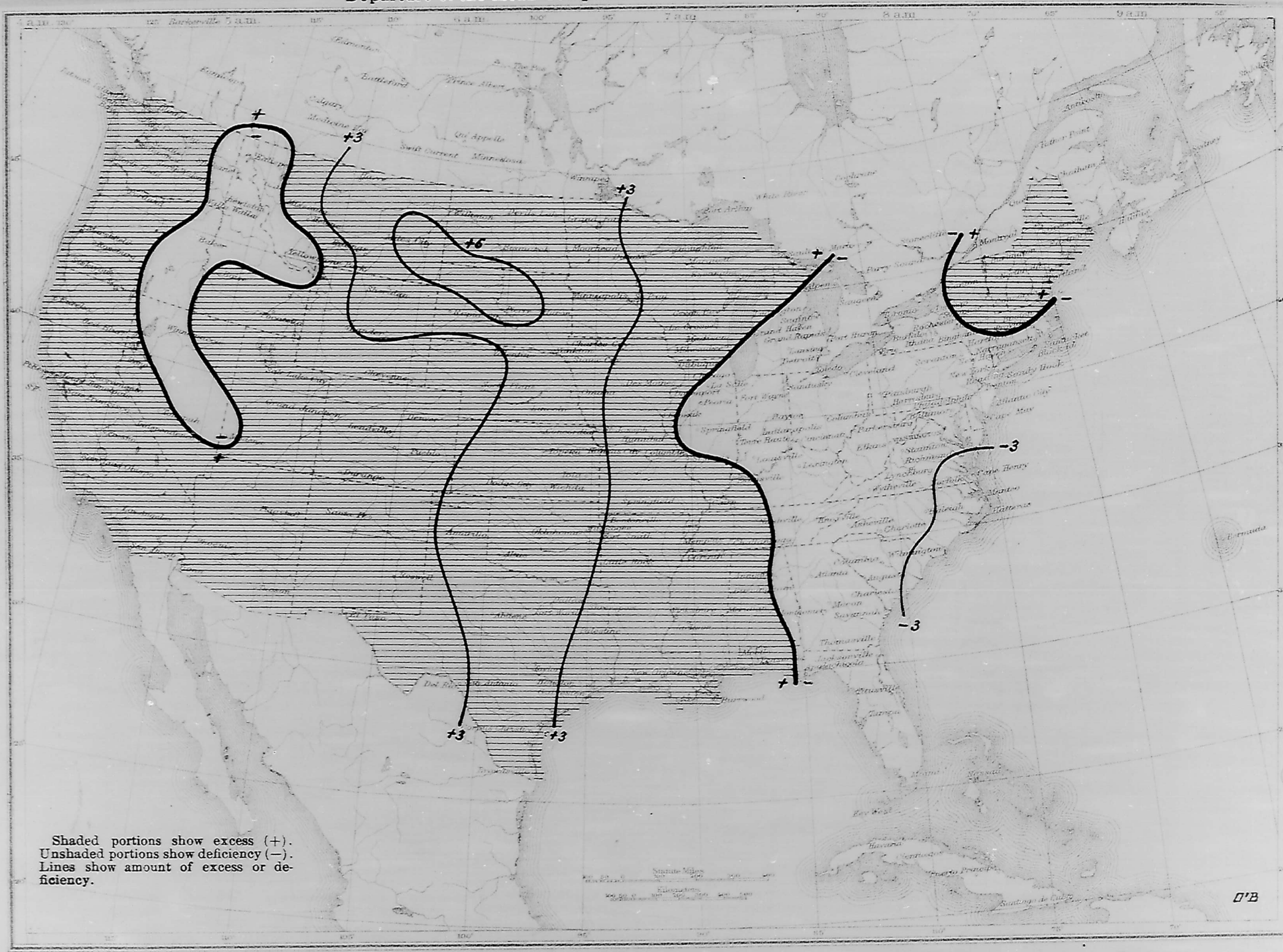
ALONZO A. JUSTICE,

ACTING SECTION DIRECTOR

SALT LAKE CITY, UTAH

WEATHER BUREAU OFFICE

JANUARY 20, 1916



Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALONZO A. JUSTICE, Acting Section Director.

VOL. XVII. SALT LAKE CITY, UTAH, DECEMBER, 1915. No. 12.

GENERAL SUMMARY.

The weather for the month may be characterized as generally favorable both as to temperature and precipitation. Compared with the normal the temperature was 8 percent above and the precipitation 25 percent above. The first two decades were very mild for the season; farm work was carried on, the ground being in condition for plowing in places; stock on the ranges did well. The last decade was cold and stormy, heavy snows fell generally over the State, accompanied in places by strong winds which left it in drifts. In Tooele County fields were swept bare of snow thus causing injury to fall grain. However, as a rule, the farmers were encouraged by the snow which promised plenty of water for the coming summer.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.10 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.69 inches at Salt Lake City on the 24th. The lowest was 29.42 inches at Salt Lake City on the 28th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 76 stations was 28.3°, which is 2.0° above the normal. The local mean temperatures ranged from 40.8° at Springdale to 19.2° at Woodruff. Of 37 stations having ten or more year's record, 10 reported monthly means below normal. The greatest deficiences occurred in Boxelder, Sevier and Iron counties; and the greatest excess occurred in Uinta and Grand counties. The greatest plus departure was 7.8° at Vernal, whose mean was 25.5°; and the greatest deficiency was 4.0° at Richfield, whose mean was 23.8°. The maximum temperatures for the month occurred usually from the 4th to the 9th, though at some stations they occurred on the 23d and 24th, the highest being 68° at Iosepa on the 4th and at Milford on the 8th. The minimum temperatures were observed from the 27th to the 31st, the lowest being —21° at Scofield on the 19th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 70 per cent, and at 6 p. m. 68 per cent. At Modena at 6 a. m. it was 76 per cent, and at 6 p. m. 60 per cent.

PRECIPITATION.

The precipitation for the State averaged 1.26 inches, which is 0.25 inch above normal. Of 36 stations having normals, 2 reported amounts exactly normal, 14 reported amounts below normal and 20 amounts above. The local monthly amounts ranged from 0.05 inch at Randolph to 5.75 inches at Moab. The greater amounts fell from the 28th to the 31st, during which period the precipitation was quite general. General precipitation also occurred on the 4th, 5th, 14th and 15th, but the amounts were lighter. The greatest 24-hour amount was 3.30 inches at Moab on the 31st. The observer at this station reported that 46 inches of snow fell during the last three days of the month, and that at the close of the month the snow was 22 inches deep on a level. This breaks all records for that station. The average snowfall for the State was 12.0 inches, which is the fifth heaviest of record for December.

WIND.

The prevailing direction of the wind for the State was from the north. The average velocity at Salt Lake City was 5.9 miles per hour; the highest 48 miles per hour from the north on the 28th; and the prevailing direction from the northwest. At Modena the average velocity was 8.8 miles per hour; the highest 39 miles per hour from the southwest on the 14th; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 47 at Salt Lake City, and 50 at Modena.

For the State the average number of clear days was 11; partly cloudy, 7; and cloudy, 13.

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891	26.0	71	—19	1.42	15.6	7	.....	.....	.....	.....
1892	25.0	66	—19	1.27	7.9	7	.....	.....	.....	.....
1893	31.1	70	—19	1.30	10.4	6	11	10	10	sw.
1894	26.3	64	—17	1.94	15.6	7	13	7	11	n.
1895	21.0	64	—24	0.78	.9	4	16	7	8	n.
1896	31.0	66	— 3	0.46	4.0	2	15	9	7	sw.
1897	22.7	68	—19	1.16	10.3	5	16	7	8	n.
1898	23.1	72	—17	0.63	6.3	4	19	6	6	n.
1899	25.2	74	—26	0.95	8.2	5	14	7	10	n.
1900	30.6	68	—27	0.14	1.0	1	16	8	7	n.
1901	29.0	71	—18	0.81	5.1	4	15	7	9	n.
1902	27.0	66	—25	0.89	6.8	4	14	8	9	n.
1903	26.4	76	—26	0.37	3.7	2	21	4	6	n.
1904	28.8	81	—25	0.74	6.8	4	17	6	8	n.
1905	22.8	63	—32	0.62	7.9	4	18	6	7	n.
1906	33.3	76	—12	1.63	5.8	6	11	9	11	sw.
1907	30.6	68	—22	1.58	11.8	6	9	8	14	sw.
1908	25.4	66	—29	0.97	8.1	4	15	8	8	sw.
1909	17.5	64	—35	2.16	17.1	8	11	6	14	n.
1910	31.0	74	—13	1.15	6.2	6	10	8	13	n.
1911	23.4	70	—24	0.81	10.1	5	13	8	10	n.
1912	24.3	66	—32	0.47	6.0	3	15	8	8	n.
1913	24.2	61	—28	1.15	14.3	6	12	8	11	n.
1914	22.6	59	—26	0.53	5.5	4	14	7	10	n.
1915	28.3	68	—21	1.26	12.0	6	11	7	13	n.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1915.	1st	+5.6	+5.7	+6.0	+6.2	+6.3	+6.3	+6.0	+5.5	+5.0	+4.7	+4.5	+4.5	.....
	15th	+5.6	+5.8	+6.1	+6.3	+6.3	+6.2	+5.8	+5.3	+4.8	+4.6	+4.5	+4.5	.....

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Climatological Data for December, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	.....	12	27.5	.....	55	22	− 2	30	35	2.53	.....	0.70	22.0	7	13	9	9	n.	Wm. M. Cox.
Beaver	Beaver	6,000	10	29.4	+ 0.5	63	2	− 4	30	41	0.97	−0.27	0.38	10.5	5	13	8	10	.....	S. Z. Jenkins.
Black Rock	Millard	4,872	11	.....	.....	.....	.....	−19	30	.....	0.30	−0.13	0.20	3.5	2	10	0	21	n.	Agent Salt Lake Route.
Blanding	San Juan	6,000	7	28.8	.....	50	7	8	17†	27	3.24	.....	0.70	28.0	5	13	4	14	sw.	E. F. Thompson.
Bluff	San Juan	4,200	2	34.2	.....	60	6	11	28	37	1.61	.....	0.60	14.9	6	19[a]	0[b]	10[b]	.....	Perry A. Clark.
Brigham City	Boxelder	4,305	2	30.6	.....	58	13	− 2	31	26	0.86	.....	0.35	6.5	5	.....	.....	.....	.....	N. Merrell Valentine.
Burrville	Sevier	6,800	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. R. Curtis.
Castle Dale	Emery	5,500	15	29.1	+ 6.3	59	6	14	12†	24	0.75	+0.09	0.30	.....	4	.....	.....	.....	.....	Miss Zella Jeffs.
Cedar City††	Iron	5,750	10	[f]29.6	− 0.9	64[f]	7†	− 5[f]	30	37[f]	1.75	+1.04	0.90	16.2	8	5[j]	2[j]	14[j]	sw.	Parley Dalley.
Center ...‡‡	Tooele	4,250	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. C. Peterson.
Corinne	Boxelder	4,240	44	27.3	− 1.3	48	4†	− 5	31	35	0.30	−1.20	0.15	2.3	3	11	5	15	.....	A. C. Murphy.
Deseret	Millard	4,541	19	28.8	+ 3.1	59	2	− 6	30	45	0.55	0.00	0.55	T.	1	12	5	14	n.	S. W. Western.
Duchesne	Duchesne	5,515	7	22.6	.....	51	5	− 6	19	32	0.72	.....	0.35	8.0	4	7	10	14	.....	M. M. Smith.
East Portal...‡‡	Wasatch	7,606	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Reclamation Service.
Elberta	Utah	4,650	12	30.4	+ 3.0	59	3	− 7	30	34	0.45	−0.31	0.20	3.8	8	14	4	13	n.	D. C. Walkey.
Emery	Emery	6,200	13	27.8	+ 0.4	57	8	− 4[a]	30	40[a]	0.70	+0.22	.....	.....	2	0	29	n.	n.	H. C. Wickman.
Farmington	Davis	4,268	13	32.4	+ 2.2	55	4	− 1	31	24	1.39	−0.54	0.43	12.9	6	18	8	5	n.	Chas. Boylin.
Fillmore	Millard	5,100	22	31.5	+ 1.5	61	8	−10	30	37	1.53	+0.44	0.50	17.5	9	.....	.....	.....	.....	J. J. Starley.
Ft. Duchesne	Uinta	4,941	26	22.5	+ 5.1	50	5	−10	29	35	0.52	−0.02	0.13	9.1	6	17	1	13	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. L. Carey.
Garland	Boxelder	4,248	2	26.8	.....	49	7	− 3	30	26	0.82	.....	0.28	9.0	9	13	6	12	n.	J. T. Roberts.
Garrison	Millard	4,850	10	[m]24.4	.....	62[m]	13	− 7[m]	30	51[m]	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	13	29.3	+ 1.9	57	3	− 9	30	32	0.96	+0.16	0.27	8.8	10	8	12	11	s.	Walter James.
Green River	Emery	4,080	14	30.2	+ 6.5	55	6	4	29	37	1.37	+1.11	0.55	8.5	6	14	9	8	sw.	E. E. Adams.
Hanksville	Wayne	4,200	3	27.9	.....	56	13	3	19†	46	1.35	.....	0.40	8.5	6	12	10	9	n.	F. J. Weber.
Heber	Wasatch	5,593	21	24.2	+ 1.3	60	9	−16	30	35	1.62	−0.08	0.35	16.0	9	7[b]	4[b]	18[b]	n.	John Crook.
Henefer	Summit	5,301	14	25.2	+ 1.8	51	7	−17	27†	42	2.18	+0.68	0.39	13.8	13	12	7	12	w.	Wm. Brewer.
Ibapah	Tooele	7,500	9	27.2	.....	59	8	−15	30	46	1.07	.....	0.42	8.0	5	14	10	7	.....	W. M. Chastain.
Iosepa	Tooele	4,356	3	31.0	.....	68	4	0	27†	47	0.85	.....	0.32	.....	7	25	5	1	n.	James K. Halemanu.
Kanab	Kane	4,925	6	.....	.....	.....	.....	.....	.....	.....	1.36	.....	0.54	7.0	5	.....	.....	.....	.....	D. D. Rust.
Kelton	Boxelder	4,230	34	24.4	− 3.1	48	6	−13	31	37	0.93	+0.20	0.35	2.0	5	2	11	18	.....	F. W. Klock.
La Sal	San Juan	7,000	11	27.4	+ 3.1	53	8	− 2	27	32	1.72	+1.00	0.61	30.0	6	6	15	10	.....	La Sal Live Stock Co.
Leeds (near)...‡‡	Washington	3,400	2	.....	.....	.....	.....	.....	.....	.....	0.52	.....	0.25	.....	4	18	0	13	.....	B. F. Anderson.
Lehi	Utah	4,550	1	[g]30.0	.....	53[g]	9	− 6[g]	29	30[g]	0.78	.....	0.20	.....	8	5[g]	10[g]	9[g]	.....	Joseph Anderson.
Lemay .....‡‡	Boxelder	4,221	3	31.0	.....	47	7	− 2	31	24	0.24	.....	0.12	3.5	3	8	11	12	.....	E. J. Ineck.
Levan	Juab	5,010	24	28.8	+ 3.7	54	8	− 7	30	30	1.14	−0.53	0.24	11.3	9	11	3	17	s.	John C. Jensen.
Logan	Cache	4,507	23	28.8	+ 3.4	50	7	− 9[a]	31	26[a]	0.78	−0.28	0.27	7.0	5	13	9	9	.....	Experiment Station.
Low ...‡‡	Tooele	4,602	3	30.6	.....	64	4	9	18	41	0.40	.....	0.20	4.0	3	15	2	14	.....	Agt. Western Pacific Co.
Lower American Fork..‡‡	Utah	5,063	....	31.6	.....	55	13	3	31	26	1.06	.....	0.30	9.0	10	9	8	14	n.	W. S. Greenwood.
Lower Mill Creek...‡‡	Salt Lake	.....	1	33.4	.....	55	7	5	31	30	1.07	.....	0.38	10.8	8	8	11	12	nw.	D. Folker.
Lucin	Boxelder	4,504	7	27.2	.....	50	23	−13	31	37	0.23	.....	0.10	.....	3	14[b]	13[b]	2[b]	e.	E. C. Puryear.
Manila	Uinta	6,225	4	19.7	.....	60	25	−10[a]	31	50[a]	0.75	.....	0.60	13.5	2	4	18	9	.....	D. M. Nelson.
Manti	Sanpete	5,575	19	27.8	+ 2.9	54	1	− 8	30	39	0.82	0.00	0.27	8.5	8	4	8	19	.....	J. M. Anderson.
Marysvale	Piute	6,180	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. Soyka.
Meadowville...‡‡	Rich	6,200	13	26.0	+ 1.4	56	22	−10	30	28	0.45	−0.32	0.20	3.0	3	16	1	14	.....	J. S. Moffat.
Midlake...‡‡	Boxelder	4,235	3	34.6	.....	50	8	14	30	17	0.75	.....	0.20	6.5	5	4[a]	11[a]	15[a]	.....	Stella M. Gibson.
Midvale	Salt Lake	4,365	2	31.4	.....	58	7†	− 8	31	35	1.00	.....	0.33	9.2	6	9	9	13	s.	E. D. Camomile.
Milford	Beaver	4,962	6	30.3	.....	68	8	0	17	35	0.55	.....	0.52	5.2	4	12	6	13	s.	Delta Land & Water Co.
Moab	Grand	4,000	24	31.4	+ 1.2	57	14	9	18	33	5.75	+4.94	3.30	46.0	8	5	12	14	.....	Henry Crouse.
Modena	Iron	5,479	13	28.7	− 3.0	58	23	−13	30	37	0.80	+0.22	0.26	5.3	8	12	9	10	w.	U. S. Weather Bureau.
Monticello	San Juan	7,050	6	27.5	.....	53	7	2	27	33	4.50	.....	1.50	35.0	4	10	10	11	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dasil Smith.
Moroni	Sanpete	6,000	6	28.9	.....	57	8	− 3	30	33	1.00	.....	0.42	8.0	7	6	6	19	sw.	B. F. Eliason.
Mosida	Utah	4,510	2	30.2	.....	56	12	− 5	30	37	0.81	.....	0.27	5.0	5	3	19	9	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	1	[n]22.4	.....	42[n]	13	− 4[b]	29	37[n]	1.02	.....	0.38	8.0	6	18	0	13	s.	Oscar Wilkins.
Nephi (near)	Juab	5,119	9	.....	.....	.....	.....	.....	.....	.....	0.60	.....	0.28	.....	4	.....	.....	.....	.....	J. W. Jones.
Oak City	Millard	4,900	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jos. L. Anderson.
Ogden	Weber	4,310	43	31.7	− 0.3	58	9	0	31	33	0.92	−0.77	0.37	5.0	8	17	4	10	.....	Ralph Shorten.
Panguitch	Garfield	6,560	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. L. Strembel.
Park City	Summit	7,000	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parowan	Iron	5,970	23	30.2	+ 1.6	62	8	− 5	30	41	1.75	+0.82	1.10	20.0	4	14[a]	5[a]	11[a]	.....	Alex Matheson.
Pasadena Ranch‡‡	Iron	5,131	.....	.....	.....	.....	.....	.....	.....	.....	1.32	.....	0.36	11.3	7	6	10	15	sw.	W. S. Hall.
Pine View ...‡‡	Summit	6,335	2	[e]25.2	.....	54[e]	8	−17[e]	30	47[e]	2.20	.....	0.80	20.0	4	.....	.....	.....	.....	Granville Deming.
Pinto	Washington	5,907	16	27.6	+ 1.0	61	23	−13[a]	30	60[a]	.....	.....	.....	.....	.....	15	4	12	n.	J. H. Harrison.
Price	Carbon	5,557	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter Bass.
Provo	Utah	4,532	20	30.6	+ 2.2	59	8	−13	30	37	1.28	−0.26	0.41	10.5	11	7[a]	6[a]	17[a]	.....	Reclamation Service.
Richfield	Sevier	5,350	20	[l]23.8	− 4.0	55[m]	23	− 3[l]	30	39[m]	.....	.....	.....	.....	.....	10[l]	0[l]	7[l]	.....	Simon Christensen.
Riverdale ...‡‡	Weber	4,310	1	32.0	.....	54	8	3	31	28	0.80	.....	0.21	4.5	8	11	7	13	se.	Eugene Bone.
St. George	Washington	2,880	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ray Smith.
Saltair	Salt Lake	4,220	11	32.4	+ 3.3	51	14	4	31	18	1.24	+0.39	0.36	10.0	9	.....	.....	.....	.....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	40	33.7	+ 1.6	54	4	5	31	21	1.71	+0.38	0.62	10.0	8	5	8	18	nw.	U. S. Weather Bureau.
Santaquin	Utah	5,250	1	32.4	.....	58	3	− 1	31	38	1.77	.....	0.49	20.0	6	10	8	13	.....	Wm. Broadbent.
Scipio	Millard	5,260	19	29.4	+ 3.2	63	8	−14	30	47	1.32	+0.16	0.33	10.0	8	8	7	16	n.	Thos. Memmott.
Scofield	Carbon	7,625	5	20.9	.....	50	7†	−21	19	49	1.61	.....	0.61	19.8	11	13	0	18	s.	B. Nowren.
Snake Creek...‡‡	Wasatch	5,950	1	24.6	.....	50	9	−11	31	34	2.44	.....	0.50	20.8	12	8	14	9	.....	J. W. Orrock.
Snowville	Boxelder	.....	12	25.3	− 0.3	50	7	−17	31	44	1.16	+0.05	0.55	4.0	4	10	0	21	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	5	32.0	.....	60	9	− 4	31	35	1.84	.....	0.42	18.0	7	11	6	14	.....	W. P. Shippee.
Springdale	Washington	3,500	6	40.8	.....	65	1†	12	30	40	1.06	.....	0.54	.....	4	13	9	9	.....	F. D. Gifford.
Standrod	Boxelder	6,000	9	28.0	.....	53	7	−12	30	31	0.50	.....	0.17	5.6	9	10	5	16	sw.	T. B. Jones.
Teasdale	Wayne	7,000	15	26.6	− 0.3	51	23	0	27	39	0.31	−0.14	0.10	5.0	5	7	7	17	w.	Henry Cullum.
Thistle	Utah	5,075	20	[e]24.2	− 1.6	58[e]	9	−19[e]	27	51[e]	2.47	+0.86	1.00	22.2	4	10	5	11	.....	John I. Hayes.
Thompsons	Grand	5,150	2	29.4	.....	55	1	6	25†	32	1.10	.....	0.40	11.0	3	13[j]	2[j]	6[j]	.....	J. F. Geeslin.
Tooele	Tooele	4,900	18	31.4	+ 1.9	57	3	− 6	30	29	1.73	+0.73	0.45	18.0	10	4	10	17	s.	E. A. Bonelli.
Tremonton	Boxelder	4,250	1	27.7	.....	50[e]	7	− 4[e]	31	30[e]	0.67	.....	0.24	4.1	7	6	4	17	n.	A. I. Rosa.
Tropic	Garfield	7,000	17	29.2	+ 1.2	59	24	1	30	39	1.84	+1.25	0.74	15.2	6	9	8	14	nw.	E. P. Bolton.
University of Utah...‡‡	Salt Lake	4,500	1	26.3	.....	52	7	−10	31	36	1.72	.....	0.60	.....	6	17	8	6	.....	Jos. F. Merrill.
Utah Experiment Station ‡‡	Sanpete	8,700	....	21.5	.....	48	8	− 7	27†	31	3.55	.....	1.06	39.5	10	12	9	10	.....	Forest Service.
Vernal	Uinta	5,060	16	[b]25.5	+ 7.8	45[c]	2	4[b]	29†	17[b]	0.72	+0.18	0.38	.....	5	5[b]	18[b]	14[b]	.....	Mrs. S. M. Logan.
Watson (near)...‡‡	Uinta	6,210	4	23.1	.....	47	14	− 3	27	29	1.15	.....	0.53	16.5	7	17	0	14	n-s.	Homer D. Ford.
Wendover	Tooele	4,237	3	31.0	.....	50	5†	1	30	25	0.44	.....	0.18	.....	4	17	5	9	nc.	J. S. Cooper.
Woodruff	Rich	6,500	11	19.2	− 1.7	46	9	−12	29	35	0.50	−0.33	0.25	.....	2	13	9	9	.....	O. J. Call.
Woodside	Emery	4,645	3	28.0	.....	52	7†	5	27	30	1.05	.....	0.32	5.0	5	.....	.....	.....	.....	Frank Groussman.
For the State	.....	.....	....	28.3	+ 2.0	68	4†	−21	19	60	1.26	+0.25	3.30	12.0	6	11	7	13	n.	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing; for example, [c] represents three days missing, etc.

† Also on other dates. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

‡‡ Post office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Echo Farm; of Lemay, Lucin; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily Precipitation for December, 1915.

Stations.	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	
Alpine											.10				.10								.42		.10			.40		.10		1.22
Alton (C)				.70	.05										.65																	2.53
Beaver				.11										.20	.18													.20	.50	.23	.20	
Beaver Creek Nursery																													.38		.10	0.97
Belknap Ranger Station‡																																
Benmore			.02	.12	.06					T.	.08			31	.20			.02					.03				.17	*	*	*	*	0.17
Black Rock				T.											T.											.10				.23		1.17
Blanding (C)					.34										.95										.10				20			0.30
Bluff (C)					.02										.07	.08											T.	T.	.65	.70	.60	3.24
Brigham City					.20					.14					.05														.34	.50	.60	1.61
Burrville																										.35			.12			0.86
Canaan (C)			.09	.26					T.						.26																	
Castle Dale (C)			.10																										.07	.18		0.86
Castle Rock															.15													.30	.20			0.75
Cedar City										.05	.03			.20	.10		.05						.45		.20			.05	.25			1.38
Cedar Fort	.05	.03	.07	.30											*	.90										.05		*	.38	.01	.11	1.75
Center													.06	.09															.10			0.68
Clarkston			.32																													
Corinne				.10							.05			T.			T.								.30		.10					0.72
Cottonwood Nursery																						T			.15		T.					0.30
Deep Creek						.40							.35	.50	.05																	
Deseret														55											.01			.30				1.61
Duchesne (C)				T.	.09									35																		0.55
East Portal (C)																							T.			T.		T.	.12	.16	T.	0.72
Elberta				T.	.01						.01			.08	.20								.02			.02		.07		.04		0.45
Elkhorn (C)																																
Emery‡ (C)																																
Enterprise				.70	.02									21	.60																	0.70
Erekson					.26						.18			10		.06													30		.90	2.73
Farmington														06			T.					T.	.08		.11		.19	.06			1.04
Fillmore				T.	.07				T.	.05				10	.50	T.							.04		.10	.35		.41	.43	T.		1.39
Ft. Duchesne (C)					.05						.10			T.	.13											.25	.07		.30	.13	.06	1.53
Fruitland (C)																													.08	.11	.05	0.52
Garland			.03	.08					T.	.12	T.			.08		.04						T.	.06		.28	T.	T.	.08			.05	0.82
Garrison															.04											.05						
Government Creek				.01	.06						.05			.26	.27	T.	.02																
Grantsville				.10					T.	.03				.18									.01		T.	.15		T.	.07	.06	T.	0.96
Green River (C)				.18	.08										.36								.16			.05		.17	.01			0.70
Grouse Creek				.11					T.					T.			.04					T.	.03		.04	T.		35			.20	*	.55	1.37
Hanksville (C)				.20	.40										.05																	0.57
Hatch						.38								.12	.01														.20	.30	.20	1.35
Hayden (C)																												.01	.03	.01	.01	0.57
Heber				.05							.10			.35	T.		.20						T.			T.			*	19	T.	
Henefer				.07						.05	.08			.21	.15		.24					.07	.27		.29	.20		.12	.15	.10		1.62
High Line City Creek										T.	.70			.34	.11		T.	T.					.49		.20	.70		.31	.51	T.	T.	3.36
Howell																																
Hurricane (C)			T.	.40	.01									.30	.10																	
Ibapah				.42										10	.25														.10		.20	1.11
Indian Farm				.05	.27						.02			12												.20			.10			1.07
Josepa				.11	.32	.08					.04			11											T.			.12	T.			0.58
Joseph									.05					05	.15							.12	T.			.07					T.	0.85
Jozella Ranch				.30								1.40		.24														.27	.10	.03	.06	0.71
Junction				.08					T.					.05														.52	.46	.32	.43	3.98
Kanab (C)				.54										.25														.04	.40		1.10	1.67
Kanosh							.07								1.00	.04													.35	.15	.07	1.36
Kelton			.18	.35						.20						T.													.25	.08		1.44
Lake View Farm			T.	.05	.14				.03					.11	.23	.11	T.						T.		T.			.10	.10		T.	0.93
La Sal (C)				.07											.28	.07							T.				.12	.01	.35	.25	.02	.02	1.44
Leeds, (near) (C)				.05											.08											T.			.27	.42	.61	1.72
Lehi											.04			.20	.01		.02						.20				.05	.15	.10	.01		0.78
Lemay				.04										.24	.15	.06	T.								.08			.24	.21	.09		1.14
Levan			T.	T.	.03				T.	.04				T.	.20	T.						T.				.27		.15				0.24
Logan			.02								T.	.14	.20												.08			.12				
Lone Tree (C)				.03	.01	T.				.10					.25											.05			.13	.11	T.	0.68
Low					T.																											
Lower American Fork										.09					.13	.09	.04	T.					.11	.08		.12		.05	.30	.05		1.06
Lower Mill Creek			T.						T.	.08				T.	.28		.02	T.					.05	.06		.16		T.	.38	.04		1.07
Lucin				.03																			T.									
Manila (C)															.60										10			.10	T.			0.23
Manti				.03	.07						T.			.11	.08	.04	T.						T.			.01		.27	.21			0.82
Marysvale				T.					T.		T.						T.															
Meadowville				10						.05				T.									.20		.20			.05				0.45
Midlake				T.	T.				T.		T.				.05		T.					T.	.33	.02	.27			.20	T.		T.	0.75
Midvale				.02	T.				T.					12	.05											.20		.20	.20			1.00
Milford														01	.51											T.				T.		0.55
Mills				T.	T.					T.	.07			20	T.							.06	.02		26			13				0.74
Millville				.02										10	.25											.01			.04	.40	.10	.04	0.96
Minersville				.06	.14	.03				.04					.88											T.		T.	.20	1.10	3.30	5.75
Moab (C)			T.	.26										07	.07										.03			.04	.15	.04	.14	0.80
Modena ***															.07													1.30	1.50	.80		4.50
Monticello (C)				.15											.90													.53	.90	1.06	.51	3.65
Monticello Ranger Sta. (C)														.50																		
Morgan																																
Moroni			T.		T.				T.	T.		T.		.02	.08	T.	.23						.03		.05		.42	.17			1.00
Mosida				.07	.07					.10				.27									.04		.20		.20				0.81
Mountain Home (C)					.04	T.				.01				T.	.28										.10			.10			.30	1.02
Myton (C)				.12										.07	.29										1			.06	.14	.04		0.58
Nada						.10						.12			.27								.03					.15		.35		0.99
Nephi (near)				.31										11	.34								.10					.28				0.60
New Castle				1.92										.72													T.	.07		.22	1.05
New Harmony (C)																														.40	.64	3.68
Oak City																																
Ogden				.04						.08	.02			17																		
Orderville (C)				.64	.01									.20	.07							.04	.05		.15			.37				0.62
Panguitch																												.15	.27	.11	.17	1.62
Park City																																
Park Valley (near)				.50	.12						T.			T.			15					T.	T.		.02		.17	.02				0.98
Parowan			T.	.08											1.10														.55	.02		1.75
Pasadena Ranch					T.	.28					.01		.30	.30	.25							.09		10		.15				.06		1.32
Payson										.05		.36		28									.10		.25		.30	.05	.05		1.35
Pine Valley (C)																																
Pine View			.25											80									.20			.60		.60				2.20
Pinto (C)														75																		
Price (C)																																
Provo				.03	.02					.14		.01	*	.41	.09	.02						.13			.12		.18		.13		1.28
Randolph																													T.	T.	.05	0.05

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Daily Temperatures for December, 1915.

Stations.		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	Mean
Black Rock	Maximum																																
	Minimum	31	24	23	21	34	23	25	24	20	25	30	32	30	35	37	24	20	12	− 5	10	20	22	21	18	16	18	− 4	4	11	−19	0	18.8
Blanding	Maximum	45	46	41	45	44	46	50	40	47	49	42	38	42	39	39	39	30	34	36	34	38	42	43	41	31	31	31	21	28	28	32	38.5
	Minimum	22	25	25	34	33	32	29	29	26	25	28	23	23	30	30	17	8	8	9	11	12	29	22	18	13	13	13	10	16	16	22	21.0
Burrville	Maximum																																
	Minimum																																
Castle Dale	Maximum	50	49	35	42	51	59	48	38	33	29	28	25	42	39	35	40	39	29	36	31	27	34	33	26	26	35	40	30	25	31	24	35.8
	Minimum	45	26	25	29	39	41	36	22	20	19	18	14	18	20	21	30	20	19	21	19	18	19	16	15	14	16	29	20	12	20	14	22.4
Corinne	Maximum	40	42	44	48	45	47	48	44	47	42	43	47	45	43	36	35	31	33	35	36	38	37	45	35	38	30	32	30	30	19	16	38.1
	Minimum	21	22	19	36	33	20	26	23	23	20	22	20	21	30	25	27	15	6	12	5	10	12	25	15	10	− 2	− 3	15	7	0	− 5	16.5
Deseret	Maximum	50	59	55	52	49	51	49	58	58	51	52	43	50	45	42	32	35	38	33	39	45	42	44	35	39	35	35	31	27	20	20	42.4
	Minimum	12	14	19	29	35	22	32	16	31	20	18	16	28	40	28	11	13	16	1	10	10	14	7	3	7	1	4	6	10	− 6	1	15.1
Duchesne	Maximum	41	41	40	33	51	43	34	32	31	38	45	37	40	36	32	28	34	29	20	26	34	32	46	37	30	29	24	17	20	17	20	32.8
	Minimum	14	14	12	28	31	22	29	28	22	22	22	14	16	27	26	− 4	1	9	− 6	2	3	6	20	15	7	7	7	0	2	0	0	12.5
Elberta	Maximum	44	48	59	56	52	46	48	52	56	52	48	40	54	50	34	31	37	32	28	43	44	45	52	41	39	36	27	33	30	17	18	41.7
	Minimum	16	18	25	34	39	24	22	21	34	28	28	18	30	32	28	15	18	10	5	14	19	23	32	13	15	21	3	11	4	− 7	− 3	19.0
Emery	Maximum	50	55	51	56	51	50	53	57	51	49	48	49	42	41	42	44	38	36	40	42	40	39	51	42	31	30	32	30	31	32	30	43.0
	Minimum	22	20	22	20	18	15	17	18	15	19	18	19	18	15	16	10	9	8	11	12	11	10	11	10	7	6	...	7	0	− 4	− 3	[a]12.6
Fillmore	Maximum	50	51	52	57	45	51	51	61	56	47	51	53	46	50	35	37	36	32	33	40	48	51	50	40	41	40	31	33	31	16	15	42.9
	Minimum	22	24	29	39	32	29	26	24	33	29	29	22	34	32	25	13	10	14	8	11	19	24	28	15	18	22	− 1	11	9	−10	2	20.1
Ft. Duchesne	Maximum	41	42	45	39	50	39	40	36	36	36	37	36	40	39	37	34	27	22	21	23	28	30	30	38	28	31	29	30	20	20	22	33.1
	Minimum	11	12	11	27	30	31	30	30	26	27	22	13	11	18	27	3	7	− 1	− 4	− 1	0	4	10	5	6	18	− 6	0	−10	6	6	11.9
Fruitland	Maximum																																
	Minimum																																
Government Creek	Maximum	41	51	57	48	45	41	49	55	53	45	43	41	44	43	33	28	36	30	34	41	47	52	51	32	43	42	25	29	31	15	15	40.0
	Minimum	22	23	31	40	30	28	29	32	25	20	26	20	32	32	24	3	9	7	5	16	26	33	32	12	20	10	− 4	9	− 1	− 9	− 6	18.6
Green River	Maximum	43	41	42	37	54	55	53	51	47	50	54	49	49	53	46	40	33	32	33	34	36	35	40	40	28	36	37	38	30	34	35	41.5
	Minimum	13	15	17	32	32	28	26	24	24	22	27	22	20	26	33	28	21	14	10	11	11	10	12	20	10	13	15	9	4	12	21	18.8
Henefer	Maximum	43	40	37	47	47	47	51	49	53	42	43	38	46	48	33	30	33	28	27	42	50	42	42	35	36	32	25	31	26	15	20	38.0
	Minimum	11	13	15	33	29	25	21	19	21	23	21	14	22	32	25	0	8	− 5	−10	8	22	27	33	12	16	0	−17	− 4	0	−15	−17	12.3
Ibapah	Maximum	38	50	38	51	46	54	55	59	52	40	45	41	44	44	36	26	40	39	34	44	50	51	50	40	35	43	34	41	38	19	26	42.0
	Minimum	16	14	16	31	32	26	22	21	25	16	17	17	24	29	21	−10	3	0	− 6	− 1	13	26	39	9	13	4	− 5	20	− 8	−15	−14	12.5
Kanab	Maximum																																
	Minimum																																
Kelton	Maximum	33	42	42	44	46	48	40	42	41	35	39	36	39	40	32	25	10	24	32	35	37	42	47	32	30	31	29	29	15	3	18	33.8
	Minimum	15	5	14	24	35	28	31	25	26	10	25	18	25	29	23	9	9	7	3	11	19	17	30	10	11	9	4	7	8	−10	−13	15.0
La Sal	Maximum	47	50	51	41	37	38	52	53	49	40	45	46	48	39	37	25	24	30	30	34	39	40	46	35	28	30	20	21	29	24	33	37.5
	Minimum	18	23	23	33	31	27	25	24	27	23	23	21	27	33	24	8	4	4	− 2	5	11	18	22	9	10	12	− 2	2	14	17	19	17.2
Leeds (near) §§	Maximum																																
	Minimum																																
Lemay	Maximum	44	44	44	43	46	46	47	44	43	39	44	42	44	43	37	35	38	36	31	35	41	45	45	37	32	31	31	32	27	18	18	38.1
	Minimum	24	24	25	33	38	33	31	30	33	28	32	28	32	31	27	20	24	23	7	20	30	32	33	20	20	20	15	18	5	2	− 2	23.8
Levan	Maximum	46	45	48	53	44	47	49	54	53	45	48	40	53	47	33	28	29	25	27	35	40	44	40	37	37	36	26	23	26	18	15	38.4
	Minimum	22	24	26	39	31	27	25	24	31	30	23	21	30	32	26	15	10	9	3	12	15	20	28	10	16	15	3	13	6	− 7	13	19.1
Logan	Maximum	36	36	40	47	43	45	50	46	49	43	40	38	41	44	34	28	30	30	25	34	44	43	43	35	31	25	20	32	33	16	12	35.9
	Minimum	22	22	22	34	36	33	33	31	37	23	28	29	23	30	23	13	21	12	7	8	27	36	27	17	23	14	6	13	10	....	− 9	[a]21.7
Low §§	Maximum	55	50	60	34	49	60	52	58	52	48	58	50	52	52	38	35	41	48	46	46	45	42	30	28	26	18	20	29	16	11	17	41.8
	Minimum	18	15	22	19	25	24	22	24	21	20	29	24	28	33	23	12	16	9	16	24	23	23	30	15	12	13	12	15	12	11	10	19.4
Lucin	Maximum	44	42	40	41	45	47	46	46	46	40	45	38	37	39	19	40	39	38	39	35	41	41	50	38	38	30	32	27	21	18	23	38 2
	Minimum	20	18	16	28	27	25	24	24	23	16	19	15	26	15	15	18	14	12	2	13	19	32	24	14	12	18	10	19	5	− 9	−13	16.2
Manila	Maximum	40	42	39	40	49	50	48	40	42	40	43	42	40	34	30	28	26	32	29	38	30	35	40	50	60	30	28	31	28	8	5	35.7
	Minimum	0	3	0	7	9	8	12	8	10	11	20	17	15	16	11	8	4	− 9	− 6	− 8	− 9	....	6	8	10	− 5	− 5	− 6	− 5	− 8	−10	[a]3.7
Manti	Maximum	54	47	50	50	45	47	43	50	45	49	46	49	40	51	40	30	36	36	34	39	44	47	47	41	38	38	39	27	31	21	20	41.1
	Minimum	24	18	21	28	28	27	20	26	29	26	20	22	15	22	21	13	5	0	− 3	4	12	16	18	11	10	10	0	8	5	− 8	1	14.5
Meadowville	Maximum	32	34	38	45	44	42	47	44	46	37	36	38	38	34	30	23	26	27	30	35	45	56	50	34	30	28	22	34	29	12	17	34.9
	Minimum	17	11	13	29	32	22	28	22	29	18	23	16	20	22	20	12	13	10	8	18	30	38	32	12	18	14	3	12	5	−10	− 4	17.2
Milford	Maximum	65	50	51	50	51	51	43	68	68	54	41	51	50	41	24	35	35	31	33	35	39	50	53	39	33	26	26	28	25	15	12	41.1
	Minimum	40	40	47	25	26	23	19	20	22	25	35	35	30	31	23	8	0	1	−10	2	20	33	25	12	10	3	1	14	15	5	6	19.5
Moab	Maximum	49	48	51	51	49	53	53	50	43	52	54	55	51	57	40	45	33	28	31	40	34	33	40	40	39	33	27	34	27	33	36	42.2
	Minimum	17	18	20	34	37	28	27	24	24	25	26	22	24	23	36	15	14	9	11	10	12	13	15	12	12	23	13	10	22	30	24	20.6
Modena	Maximum	48	55	48	43	43	48	49	57	51	43	49	45	46	42	31	20	38	32	34	44	49	56	58	36	39	32	29	35	26	14	19	40.8
	Minimum	14	18	24	31	21	27	24	24	30	23	24	21	31	30	20	10	10	9	2	10	18	23	24	17	16	17	6	11	− 9	−13	6	16.7
Monticello	Maximum	45	44	45	45	40	47	53	49	42	35	42	41	42	45	40	36	25	25	25	32	40	43	41	42	25	20	16	20	20	24	30	36.1
	Minimum	21	22	25	31	32	31	25	27	24	28	28	22	30	22	18	3	9	12	7	10	22	23	14	12	15	7	2	12	12	16	19	18.9
Moroni	Maximum	49	46	44	51	43	49	53	57	54	46	48	39	50	45	33	27	27	29	32	38	42	49	46	34	35	31	26	22	27	20	23	39.2
	Minimum	21	26	27	35	29	26	24	24	29	27	24	20	30	32	24	11	10	6	3	11	17	24	29	15	15	15	3	11	8	− 3	3	18.6
Mosida	Maximum	46	44	51	50	48	52	45	50	52	54	54	56	55	51	34	32	31	37	31	34	40	42	40	38	37	38	36	38	37	20	19	41.7
	Minimum	20	17	22	30	34	41	20	21	23	24	22	20	21	29	30	17	29	11	5	14	12	22	29	24	22	19	15	1	3	− 5	− 4	18.7
Ogden §§	Maximum	45	47	51	51	47	49	55	58	50	42	46	42	50	42	36	33	39	33	32	41	47	46	42	39	38	37	30	33	21	18	21	40.7
	Minimum	25	27	29	41	40	30	30	29	32	24	27	25	30	33	29	17	18	16	13	24	29	37	19	20	18	8*	4	9	12	9	0	22.7
Panguitch	Maximum																																
	Minimum																																
Park City	Maximum																																
	Minimum																																
Pasadena Ranch	Maximum																																
	Minimum																																
Parowan	Maximum	54	57	49	48	39	53	50	62	54	48	48	43	48	38	32	29	34	36	35	49	55	60	55	45	37	34	29	30	30	13	15	42.4
	Minimum	18	25	26	34	23	25	25	25	23	25	24	23	32	32	22	14	1	3	2	8	15	23	25	19	17	19	7	10	12	− 5	5	18.0
Pinto	Maximum	50	57	50	48	47	47	49	49	50	41	48	45	49	40	38	30	34	38	33	55	52	50	61	45	44	40	34	36	26	19	22	42.6
	Minimum	14	16	14	22	26	20	18	18	20	20	16	16	16	15	12	....	−10	−10	−11	− 5	16	16	16	17	14	12	9	15	11	−13	6	[a]12.7
Provo	Maximum	47	53	50	53	52	51	52	59	58	50	46	52	51	50	34	32	35	34	28	44	45	43	38	39	38	42	36	27	33	21	20	42.4
	Minimum	20	20	24	39	34	25	23	22	29	27	27	21	26	32	27	21	16	9	4	15	23	25	19	20	20	10	3	10	7	−13	− 5	18.7
Richfield	Maximum														49	45	36	29	32	31	39	42	48	55	42	42	38	30	26	30	32	19	[m]35.8
	Minimum													43	32	29	14	6	1	0	0	9	13	19	11	11	17	6	9	4	− 3	6	[11]11.9
St. George	Maximum																																
	Minimum																																
SALT LAKE CITY	Maximum	45	45	52	54	47	49	53	54	50	40	44	44	53	53	34	30	37	35	35	46	46	49	45	37	40	28	27	31	21	19	19	40.7
	Minimum	28	29	36	45	38	34	34	36	34	29	30	29	34	32	24	20	25	21	18	27	33	38	30	24	26	15	11	21	14	7	5	26.7
Scofield	Maximum	47	46	45	42	37	42	50	45	44	40	38	34	37	39	41	24	28	19	28	39	44	50	44	27	30	27	22	29	26	27	29	36.1
	Minimum	9	8	6	3	25	11	7	6	11	8	5	2	6	14	16	0	− 2	−13	−21	− 3	15	11	19	− 4	− 3	16	13	− 2	0	14	0	5.7
Standrod	Maximum	41	45	46	46	41	48	53	48	45	36	40	37	42	40	30	36	32	35	33	42	44	50	46	32	36	28	29	36	21	10	21	37.9
	Minimum	17	23	27	35	29	28	32	27	32	14	14	16	25	28	17	7	6	14	9	12	30	40	27	11	16	16	12	20	− 1	−12	−10	18.1
Teasdale	Maximum	50	46	34	40	39	48	49	46	46	33	45	40	37	46	40	34	33	34	31	31	45	40	51	44	30	34	34	34	32	35	34	39.2
	Minimum	14	15	16	26	27	11	15	16	13	26	20	15	20	26	21	10	7	6	6	6	6	20	21	13	10	16	0	8	8	5	11	14.0
Tooele	Maximum	44	44	57	53	48	47	51	50	50	38	45	39	51	36	32	30	39	33	33	41	49	49	48	37	41	34	29	33	36	20	23	40.6
	Minimum	24	24	28	45	34	29	29	28	29	24	26	24	30	30	26	19	16	20	11	20	25	33	33	19	21	20	6	15	6	− 6	− 4	22.1
Tremonton §§	Maximum	38	42	43	47	44	46	50	47	48	38	35	42	39	33	32	27	31	34	41	44	40	34	30	27	26	....	....	....	....	9	21	[c]36.6
	Minimum	25	21	23	22	37	29	28	24	26	24	23	21	25	28	26	13	6	2	6	24	26	33	13	15	5	− 3	7	....	....	....	− 4	[c]18.8
Tropic	Maximum	45	47	44	46	44	52	57	54	48	52	47	44	46	42	37	29	37	38	39	40	47	45	55	59	34	36	31	32	29	20	30	42 3
	Minimum	18	14	17	25	20	29	31	14	12	18	17	18	22	26	19	14	6	14	9	5	11	17	17	20	12	19	6	15	13	1	19	16.1
Watson (near)	Maximum	36	38	40	43	39	35	31	29	29	36	41	33	37	47	42	24	30	25	22	28	35	41	46	37	37	31	21	22	21	15	19	32.6
	Minimum	15	15	17	25	28	25	25	23	20	24	20	19	18	25	19	4	5	5	− 1	1	6	15	21	13	9	1[b]	− 3	− 1	3	6	7	13.6
Wendover	Maximum	44	40	41	48	50	48	47	46	47	46	44	42	38	44	35	32	45	36	31	37	42	43	50	40	35	35	33	35	29	21	22	39.5
	Minimum	24	22	25	32	34	30	28	26	28	21	25	25	31	29	27	25	20	18	12	18	19	24	31	20	19	25	18	22	12	1	2	22.4

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

*, [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Daily Precipitation for December, 1915.

Continued from page 99.

Stations.	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	
Reed																																
Revere			.04							.06				.15								.10			.50	.20		.50				1.55
Richfield																																
Richmond ‖‖				.04					.12	.01	.01		.01	.13	.01	.07	.01				T.	.06			.22		.06	.34				1.09
Riverdale				.10						.11	.03			.15	.06																	
St. George (C)																								.15		.14			.06			0.80
Saltair					.03					.01				.10	.04								.17			.31		.19	.36	.03		
SALT LAKE CITY ***			T.	T.	T.				.01		.04			.19	T.	T.	T.					.01	.29		.62			.53	T.	T.	.02	1.24
Santaquin				T.	T.					T.				.49	T.	T.	T.								.41	.02		.41	.42		.02	1.71
Scipio				T.	.17					.03				.17	.33											.20	.13	.21			.08	1.77
Scofield (C)			.05	.09										.61	.16		.07						.05		.01	.02		.11	.35		.09	1.32
Silver City															1.34																	1.61
Silver Lake																																
Snake Creek ‖‖			.10	.02						.10			.06	.50		.10	.30					.24							2.42		4.00
Snowville				.55									.20									.38	.13		.32			.33	.10			2.44
Spanish Fork					T.																		.19					.22				1.16
Springdale (C)				.54	T.					.02	T.			.38	.42								.10			.37		.30	.25			1.84
Standrod				.01	.05						T.			T.	.10														.12	T.		1.06
Sunnyside (C)				.45											.02		.03					.06	.01		.03			.12	.17			0.50
Teasdale (C)				.01											.40								T.						.20	.06		1.11
Thistle										T.	T.			.43	.10													*	*	*	.20	0.31
Thompsons (C)															.20											.84		1.00				2.47
Tooele					.03					.03	.03			T.	.45	.40	.02					T.	.13		T.	.61		.03	.40	.30		1.10
Tremonton ‖‖				.03	.08						.10				T.	.05	T.												.30	.10		1.73
Tropic (C)				.74	.40										.17							.03	.04		.24							0.67
Trout Creek Ranger (C)																												*	.43	T.	.14	1.84
University of Utah																																
Utah Experiment Station											.10			.27	.10								.60			.30			.35			1.72
Vernal (C)				.04	T.					T.	.09				.38																	
Victor (C)			T.	.02																										.07	.14	0.72
Watson (near) (C)										.04					.53	.10												.32			.20	0.94
Wendover				.18										.10												.05		.11	.16	.16		1.15
Whiskey Creek ‖‖															.27							.11	.05									0.44
Winder																									.17			.19	.05			0.68
Woodruff																																
Woodside (C)				.15						.25				.25																		0.50
													.08		.32														.30	.20	1.05

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

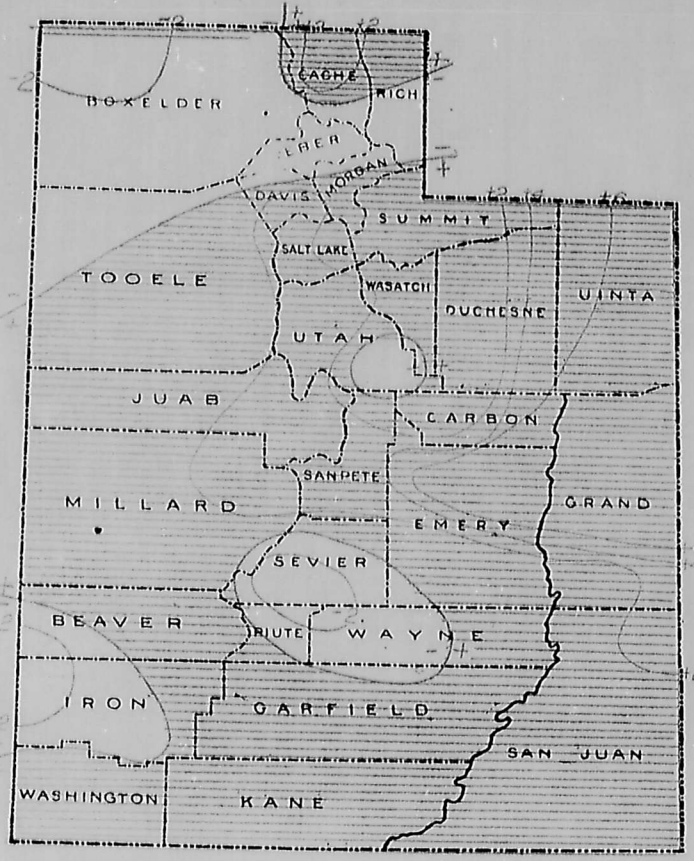
‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

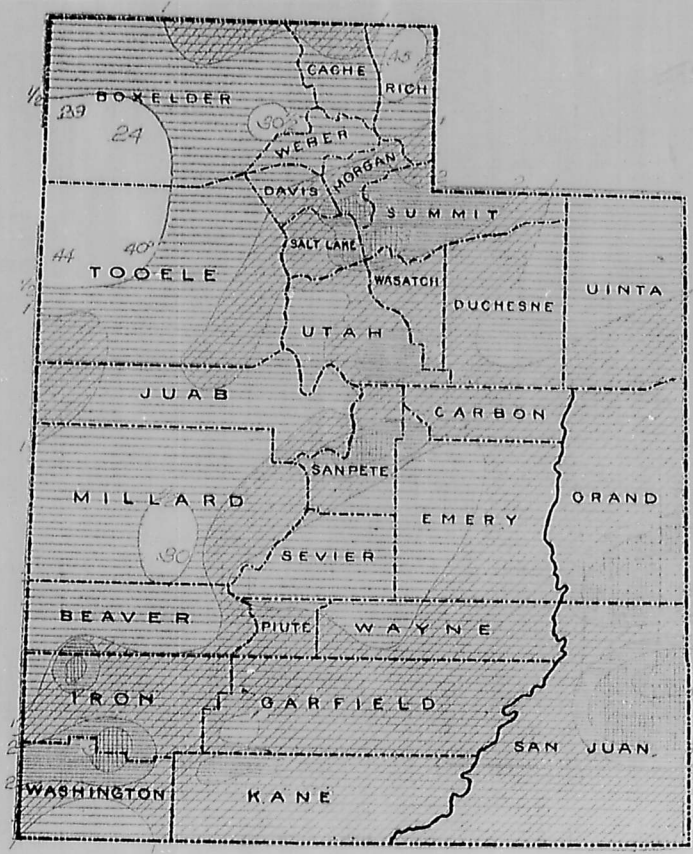
* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

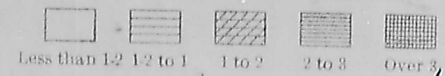
Departure of Mean Temperature from the Normal, December, 1915.



Total Precipitation, inches, December, 1915.



SCALE OF SHADES—IN INCHES.



SNOW CONDITIONS IN UTAH ENDING DECEMBER 31, 1915.

GENERAL SUMMARY.

As a rule, the snowfall stored away in the mountains and valleys of the state at the end of December, 1915, was greater than for the same period of 1914. A line joining the northwestern and southeastern corners roughly divides the state into areas of comparatively deficient and excessive snowfall. In most localities in the southwestern half observers report the amount as being less than the average and even less than for last December, which was a month of deficient snowfall. However some observers in this section report the amount to be above the average.

In the northeastern half almost all reports indicate an excess. In the Cache National Forest in the extreme north portion Forest Rangers report a depth of from 3 to 4 feet in the higher mountains while last year the depth did not exceed this at any time during the winter. In San Juan and Grand counties the snow was from 1 to 4 feet deep on the level, the greatest amount on the ground at one time in many years in that section.

As a rule the snow was well packed and drifted which is favorable for late keeping.

DEPTH OF SNOW IN INCHES ON NATIONAL FORESTS.

National Forest.	Drainage Basin.	Sub-Basin.	Number of Stake.	Depth at Stakes
Ashley	Green River	East Beaver Creek	80	13
do	do	do	81	15
do	do	Center Beaver Creek	82	16
do	do	Brush Creek	83	11
do	do	do	84	16
do	do	do	85	20
do	do	Ashley Creek	86	19
do	do	do	87	23
do	do	do	88	27
do	do	Uinta River	89	20
do	do	do	90	6
do	do	do	91	11
do	Duchesne	Dry Gulch	92	4
do	do	Yellowstone Creek	93	5
do	do	Lake Fork	94	5
Cache	Bear Lake	Middle Sink	1	55
do	do	Left Hand Fork Garden City Canyon	2	45
do	Logan	Spring Hollow	3	34
do	do	do	4	50
do	do	do	5	60
Fillmore	Beaver	B. R. P. Co's. Plant	6	7
do	do	Little Reservoir	7	9
do	do	Chas. White's Pasture	8	10
do	do	Half Mile East No. 7	9	10
do	do	Half Mile East No. 8	10	10
do	Sevier	Clear Creek	11	4
do	do	do	12	5
do	do	do	13	7
do	do	do	14	5
do	do	do	15	7
do	do	Deer Creek	16	10
do	do	do	17	10
do	do	do	18	14
do	do	do	20	21
do	do	Corn Creek	19	15
do	White Horse	Bowen Canyon	21	9
do	do	do	22	13
do	do	do	23	9
do	do	do	24	10
do	do	do	25	10
La Sal	Colorado River	N. Montezuma Creek	34	30
do	do	do	36	41
do	do	Pole Creek	35	38
Sevier	Sevier		48	14
do	Parowan	Center Creek	49	14
do	Sevier		50	24
do		Summit between Sevier & Rio Virgin	51	12
do		Summit between Sevier & Tropic	52	14
do	Sevier		53	14
Uinta	Salt Creek Can		54	9
do	do		55	4
do	do		56	9
do	do		57	9
do	Strawberry	Bryant's Fork	58	24
do	do	do	59	24
do	do	do	60	30
do	do	do	61	30
do	Duchesne River	Indian Canyon	62	18
do	do	do	63	16
do	Price River	Willow Creek	64	12
do	Provo River	Daniels Creek	65	17
do	do	do	66	17
do	do	do	67	16
do	do	do	68	16
Wasatch	Bear River	Mill Creek	69	36
do	do	do	70	36
do	Utah Lake	American Fork	71	9
do	do	do	72	13
do	Weber River	Beaver Creek	73	22
do	do	do	74	24
do	Green River	Middle Black Fork	76	25

Stations.	Counties.	At station. (inches.) On ground at end of month.	At station. (inches.) Total snowfall for the month.	At station. (inches.) Total precipitation for the month.	Estimated depth in adjacent mountains or hills. Inches.	Estimated depth in adjacent mountains or hills. Compared with last year.	Estimated depth in adjacent mountains or hills. Compared with average.	Prospective water supply compared with average.
Great Salt Lake Watershed.								
Brigham City	Boxelder	6.0	6.5	.86	14	+	*	*
Corinne	do	2.0	2.3	.30	.....	..	..	..
Lucin	do	.....	.....	.23	6	+	*	-
Snowville	do	.....	4.0	1.16	.....	..	..	..
Standrod	do	3.5	5.6	.50	.....	..	..	..
Tremonton	do	.....	4.1	.67	24	+	*	-
Lemay	do	1.0	3.5	.24	.....	..	..	..
Clarkston	Cache	.....	.....	.72	.....	..	..	..
Logan	do	.....	7.0	.78	.....	..	..	..
Millville	do	6.0	6.0	.74	48	+	*	-
Richmond	do	4.0	9.0	1.09	.....	..	..	..
Farmington	Davis	.....	12.9	1.39	.....	..	..	..
Meadowville	Rich	.....	3.0	.45	.....	..	..	..
Woodruff	do	.....	.....	.50	.....	..	..	..
Midvale	Salt Lake	6.5	9.2	1.00	10	-	-	-
Castlerock	Summit	6.0	19.5	1.38	8	-	-	-
Henefer	do	3.0	13.8	2.18	84	*	*	*
Park City	do	.....	.....	.....	.....	..	..	..
Pine View	do	10.0	20.0	2.20	.....	..	..	..
Government Creek	Tooele	2.0	8.8	.96	8	-	-	-
Ibapah	do	3.0	8.0	1.07	.....	..	..	..
Low	do	.....	4.0	.40	.....	..	..	..
Tooele	do	6.0	18.0	1.73	24	-	-	-
American Fork	Utah	4.0	9.0	1.06	.....	..	..	..
Elberta	do	2.5	3.8	.45	.....	..	..	..
Lehi	do	.....	.....	.78	24	*	-	-
Payson	do	.....	14.0	1.35	.....	..	..	..
Santaquin	do	9.0	20.0	1.77	.....	..	..	..
Spanish Fork	do	8.0	18.0	1.84	.....	..	..	..
Thistle	do	9.0	22.2	2.47	20	+	+	+
Heber	Wasatch	6.0	16.0	1.62	.....	..	..	..
Snake Creek	do	10.0	20.8	2.44	.....	..	..	..
Ogden	Weber	.....	5.0	.92	15	-	-	-
Riverdale	do	4.5	4.5	.80	.....	..	..	..
Sevier Lake Watershed.								
Beaver	Beaver	2.2	10.5	.97	24	+	+	+
Minersville	do	4.0	8.0	.96	8	-	-	-
Nada	do	3.2	7.5	.99	11	+	+	+
Modena	Iron	4.0	5.3	.80	5	+	+	+
Levan	Juab	7.5	11.3	1.14	.....	..	..	..
Mills	do	3.0	.....	.42	5	-	-	-
Black Rock	Millard	2.0	3.5	.30	24	+	*	+
Deseret	do	0	T.	.55	.....	..	..	..
Fillmore	do	..	17.5	1.53	.....	..	..	..
Kanosh	do	8.0	10.0	1.44	30	+	+	+
Scipio	do	.....	10.0	1.32	.....	..	..	..
Manti	Sanpete	6.0	8.5	.82	46	+	*	+
Moroni	do	5.5	8.0	1.00	.....	..	..	..
Utah Experiment Station	do	35.0	39.5	3.55	.....	..	..	..
Green and Colorado Rivers Watershed.								
Scofield	Carbon	.....	19.8	1.61	.....	..	..	..
Sunnyside	do	7.0	9.5	1.11	.....	..	..	..
Duchesne	Duchesne	4.0	8.0	.72	.....	..	..	..
Emery	Emery	6.0	.....	.70	.....	..	..	..
Tropic	Garfield	.....	15.2	1.84	.....	..	..	..
Orderville	Kane	5.0	11.0	1.62	.....	..	..	..
Blanding	San Juan	.....	28.0	3.24	.....	..	..	..
Monticello	do	30.0	35.0	4.50	.....	..	..	..
Ft. Duchesne	Uinta	3.5	9.1	.52	.....	..	..	..
Manila	do	3.0	13.5	.75	.....	..	..	..
Vernal	do	.....	.....	.72	.....	..	..	..
Teasdale	Wayne	3.0	5.0	.31	.....	..	..	..
Enterprise	Washington	9.0	15.0	2.73	.....	..	..	..
Hurricane	do	4.0	4.0	1.11	.....	..	..	..
New Harmony	do	20.0	.....	3.68	.....	..	..	..
Springdale	do	.....	.....	1.06	.....	..	..	..

+ indicates more; − indicates less, and * indicates average.

Total Precipitation, Inches, December, 1915.

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

JANUARY, 1916

BY
ALFRED H. THIESSEN
SECTION DIRECTOR

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
FEBRUARY 16, 1916

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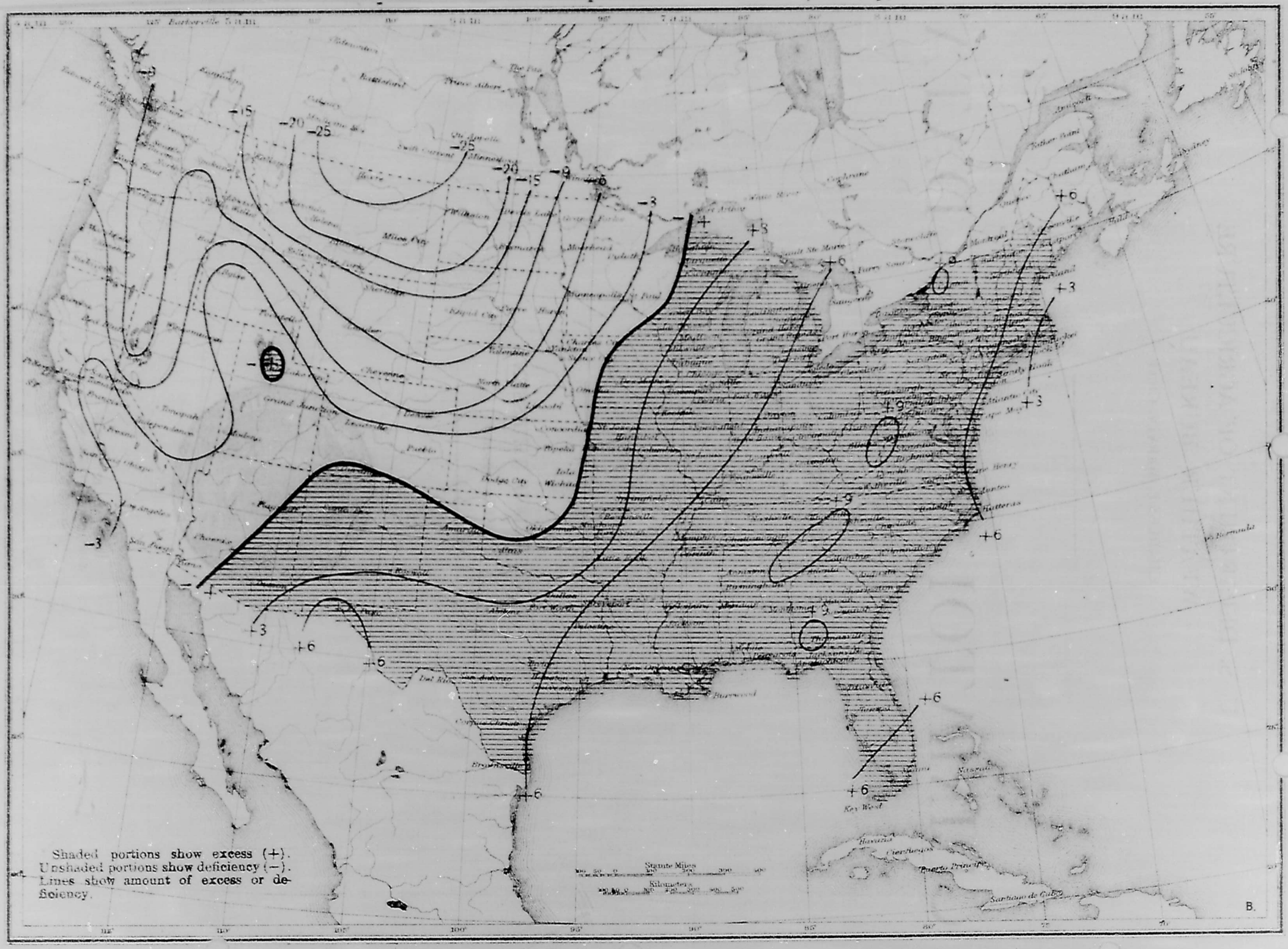
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Shaded portions show excess (+). Unshaded portions show deficiency (−). Lines show amount of excess or deficiency.
Statute Miles
Kilometers
B.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVIII. SALT LAKE CITY, UTAH, JANUARY, 1916. No. 1.

GENERAL SUMMARY.

This month like the corresponding month of last year was very cold. There was an unusual amount of storms, and the precipitation for the State was the heaviest on record for January, being in marked contrast to the same month last year which was somewhat less than normal. At the end of the month the snow cover was the deepest known for years. As there was more wind than usual, the snow was piled in unusually high drifts, even on the lower levels. Reports of snow in the mountains were very encouraging; it was in good condition for late keeping, insuring a good water supply for next spring and summer. The heavy precipitation, while beneficial to the irrigating and dry farmer, was hard on the stock raiser. The heavy snows covered the ranges, and combined with the cold weather caused considerable losses in sheep and cattle. Feeding was necessary in most places.

A very severe wind storm occurred on the night of the 27-28th, causing damage in the southeastern part of the State by blowing down or unroofing barns and destroying other less substantial structures.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.92 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.64 inches at Modena on the 31st.

The lowest was 28.91 inches at Salt Lake City on the 27th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 78 stations was 22.9°, which is 3.3° below the normal. The local mean temperatures ranged from 9.9° at the East Portal of Strawberry Tunnel to 37.7° at Springdale. Every station having a record of ten years or more reported mean monthly temperatures below normal. The greatest deficiency was at Kelton whose mean was 14.2°, or 9.7° below normal. Nearly every station reported minimum temperatures below zero, but the lowest was only —32° at East Portal.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 71 per cent, and at 6 p. m. 72 per cent. At Modena at 6 a. m. it was 84 per cent, and at 6 p. m. 76 per cent.

PRECIPITATION.

The precipitation for the State averaged 3.12 inches, which is 1.78 inches above normal. Of 39 stations having normals, only 2 reported amounts below normal. The local monthly amounts varied from 0.29 inch at Bluff, on the San Juan River in the extreme southeastern portion of the State, to 9.68 inches at Silver Lake, which is in Big Cottonwood Canyon in the Wasatch Mountains at an elevation of 8,700 feet. There were no well defined periods of precipitation, and the table shows some rain or snow every day of the month in some portion of the State. The heaviest precipitation occurred usually on the 17-18th and 27-28th. The greatest 24-hour amount was 2.00 on the 28th at Alton.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 8.5 miles per hour; the highest 48 miles per hour from the south on the 8th; and the prevailing direction from the northwest. At Modena the average velocity was 11.2 miles per hour; the highest 74 miles per hour from the south on the 27th; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 35 at Salt Lake City, and 54 at Modena.

For the State the average number of clear days was 7; partly cloudy, 7; and cloudy, 17.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891										
1892	24.4	68	—19	0.85	6.9	5				
1893	20.0	71	—23	0.94	8.3	3	17	6	8	nw.
1894	21.9	63	—24	1.18	13.8	6	13	8	10	nw.
1895	23.0	60	—25	1.67	15.1	7	11	9	11	n.
1896	28.4	66	—17	0.81	3.0	4	12	9	10	sw.
1897	26.1	68	—24	1.53	14.0	6	12	8	11	n.
1898	16.9	69	—34	1.07	11.5	6	15	8	8	n.
1899	27.9	70	—21	1.14	9.8	6	11	10	10	sw.
1900	31.6	70	—10	0.43	2.1	3	15	7	9	sw.
1901	28.2	64	—26	0.69	4.0	4	15	7	9	sw.
1902	26.5	74	—38	0.71	7.3	4	15	7	9	n.
1903	27.0	66	—21	1.40	8.5	5	15	6	10	n.
1904	23.3	68	—23	0.83	8.6	4	14	8	9	n.
1905	28.9	71	—22	0.86	6.1	5	12	7	12	sw.
1906	25.3	70	—39	1.60	11.0	6	12	6	13	sw.
1907	28.0	66	—20	2.30	22.8	9	9	8	14	s-sw
1908	27.8	80	—22	0.79	6.5	4	14	8	9	n.
1909	31.9	68	—32	2.88	12.2	8	10	9	12	sw.
1910	23.8	70	—34	1.51	11.1	6	13	8	10	sw.
1911	31.5	86	—23	2.38	9.6	8	9	8	14	s.
1912	27.6	69	—33	0.48	5.0	3	14	9	8	s.
1913	21.3	65	—50	0.68	8.8	4	14	8	9	s-sw
1914	28.5	71	—33	2.61	13.4	9	11	7	13	s.
1915	22.7	64	—25	1.15	11.1	6	13	5	13	n.
1916	22.9	62	—32	3.12	31.5	11	7	7	17	s.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1915.	1st	+4.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	15th	+5.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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Climatological Data for January, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, inches.				Number of days				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane		1	23.1		45	23	−11	11	43	8.38		2.00	84.9	17	6	9	16	s.	Wm. M. Cox.
Beaver	Beaver	6,000	11	27.9	− 2.7	51	8	−16	31	44	2.40	+1.51	0.46	23.5	11	5	11	15		S. Z. Jenkins.
Black Rock	Millard	4,872	11					−12	31		1.25	+0.57	0.40	14.5	7	3	9	19		Agent Salt Lake Route.
Blanding	San Juan	6,000	8	27.0		48	4	0	12	28	3.60		0.89	25.2	12	6	6	19	sw.	E. F. Thompson.
Bluff	San Juan	4,200	3	29.6		50	10	− 5	12	49	0.29		0.20	2.0	5	19[a]	0[a]	11[a]		Perry A. Clark.
Brigham City	Boxelder	4,305	3	25.2		50	3†	1	30	35	2.81		0.50	29.1	13					N. Merrell Valentine.
Burrville	Sevier	6,800	4																	F. R. Curtis.
Castle Dale	Emery	5,500	16								4.20	+3.48	1.00		8					Miss Zella Jeffs.
Cedar City	Iron	5,750	10	[a]30.4	− 3.5	50	8	− 3°	31	36°	2.19	+1.40	0.74	17.8	12	6	13	12	sw.	Parley Dalley.
Center ‡‡	Tooele	4,250	4	20.2		44	9	−20	21†	54	5.13		0.90	49.0	14	4	5	22	s.	L. C. Peterson.
Corinne	Boxelder	4,240	45	21.7	− 3.2	42	3†	− 8	22	39	2.78	+1.37	1.15	28.8	7	5	6	20		A. C. Murphy.
Deseret	Millard	4,541	20	26.5	− 1.5	51	3	−16	31	45	1.96	+1.45	0.75	17.0	10	5	8	18	s.	S. W. Western.
Duchesne	Duchesne	5,515	8	12.8		41	9	−26	29	45	2.17		0.40	28.0	12	2	14	15		M. M. Smith.
East Portal ‡‡	Wasatch	7,606	3	9.9		36		−32			6.06			75.0						Reclamation Service.
Elberta	Utah	4,650	13	26.0	− 2.7	48	3†	− 5	12	35	2.73	+1.74	0.65	33.0	15	6	7	18	s.	D. C. Walkey.
Emery	Emery	6,200	14	20.4	− 5.8	48	28	−12	31	51	2.50	+2.09	0.60	25.0	9	1	0	30	n.	H. C. Wickman.
Farmington	Davis	4,268	14	28.4	− 1.7	49	4†	1	29	30	3.37	+0.95	0.55	33.7	11	8	6	17	n.	Chas. Boylin.
Fillmore	Millard	5,100	23	28.7	− 2.5	53	3	−10	31	40	2.33	+1.17	0.63	28.0	12					J. J. Starley.
Ft. Duchesne	Uinta	4,941	27	10.6	− 2.0	40	9	−28	29	44	2.01	+1.54	0.47	21.4	13	14	8	9	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5					−23	29		5.02			62.1						J. E. L. Carey.
Garland	Boxelder	4,248	3	19.3		40	8	− 8	28	35	2.21		0.62	34.2	12	6	7	18	s.	J. T. Roberts.
Garrison	Millard	4,850	11								3.39		1.50	34.0	7					Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	14	23.7	− 4.9	43	4	− 9	30	33	3.35	+2.25	0.55	33.5	14	6	7	18	s.	Walter James.
Green River	Emery	4,080	15	21.2	− 3.8	46	9†	−12	31	37	1.38	+1.19	0.29	13.2	9	7	10	14	sw.	E. E. Adams.
Hanksville	Wayne	4,200	4	23.4		50	9	− 5	12	45	1.43		0.70	5.5	4	21	4	6	sw.	F. J. Weber.
Heber	Wasatch	5,593	22	17.2	− 4.6	44	25	−20	12	40	4.06	+1.60	0.65	60.0	15	3	6	22	n.	John Crook.
Henefer	Summit	5,301	15	17.8	− 5.9	47	25	−23	29	53	4.97	+2.46	1.45	54.0	20	7	5	19	nw.	Wm. Brewer.
Ibapah	Tooele	7,500	10	21.2		49	8	−20	30	43	1.65		0.48	19.0	12	9	7	15	sw.	W. M. Chastain.
Iosepa	Tooele	4,356	4	20.8		52	4	0	9†	27	2.32		0.92		7	25	5	1	s.	James K. Halemanu.
Kanab	Kane	4,925	7	32.7		60	1	− 6	31	42	5.51		1.00	30.0	17					D. D. Rust.
Kelton	Boxelder	4,230	35	14.2	− 9.7	38	3	−18	29	43	1.65	+0.94	0.30	16.5	7	4	12	15		F. W. Klock.
La Sal	San Juan	7,000	12	24.8	− 1.4	45	4†	− 5	12	27	1.78	+0.96	0.40	18.0	13	5	17	9		La Sal Live Stock Co.
Leeds (near) ‡‡	Washington	3,400	3								5.96		1.40		9	3	0	28		B. F. Anderson.
Lehi	Utah	4,550	2	[a]25.4		45[f]	4†	− 3[f]	12†	34[f]	3.06		0.54	20.5	11	4	11	11[c]	nw.	Joseph Anderson.
Lemay ‡‡	Boxelder	4,221	4	20.2		38	4†	−16	22	46	1.18		0.30	12.5	6	6	9	16		E. J. Ineck.
Levan	Juab	5,010	25	23.9	− 1.1	47	3†	− 9	31	32	5.01	+3.56	0.80	46.6	17	4	11	16	s.	John C. Jensen.
Logan	Cache	4,507	24	[a]24.5	− 0.2	47	3	− 2[b]	17	34[b]	2.61	+0.88	0.75	23.9	9	6	6	19		Experiment Station.
Low ‡‡ ‡‡	Tooele	4,602	4	[b]20.8		42	1†	10[d]	1†	20°	0.80		0.20	8.0	7	6	4	21		Agt. Western Pacific Co.
Lower American Fork ‡‡	Utah	5,063	1	29.4		55	3	7	12†	30	2.86		0.62	25.5	16	6	5	20	n-s.	W. S. Greenwood.
Lower Mill Creek ‡‡	Salt Lake	4,959	2	29.6		54	9	9	29†	26	3.44		0.50	45.0	16	7	4	20	s.	D. Folker.
Lucin	Boxelder	4,504	8	17.0		40	4†	−18	21	41	1.19		0.30		8	13	13	5	e.	E. C. Puryear.
Manila	Uinta	6,225	5	13.4		45	3	−20	17†	55	1.00		0.60	10.3	2	1	26	4		D. M. Nelson.
Manti	Sanpete	5,575	20	22.8	− 3.0	55	9	−10	31	39	2.43	+1.20	0.36	32.6	16	1	3	27		J. M. Anderson.
Marysvale	Piute	6,180	14																	A. Soyka.
Meadowville ‡‡	Rich	6,200	14	19.2	− 3.5	44	3	− 3	16	31	1.00	−1.70	0.30	23.0	7	9	2	20		J. S. Moffat.
Midlake ‡‡	Boxelder	4,235	4	27.4		43	9	17	12	13	1.80		0.30	18.0	10	5	10	16	ne.	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	26.4		50	8	− 2	29	36	3.08		0.75	33.1	14	7	9	15	s.	E. D. Camomile.
Milford	Beaver	4,962	7	[m]29.0		48[m]	15	−14[m]	31	40[m]	1.95			15.6		3[m]	5[m]	10[m]	sw.	Delta Land & Water Co.
Moab	Grand	4,000	25	28.6	− 1.3	52	9	− 3[a]	12†	32[a]	3.52	+2.86	0.92	26.0	10	1	9	21		Henry Crouse.
Modena	Iron	5,479	14	24.4	− 3.1	44	3	−17	12	39	3.47	+2.74	1.19	21.1	13	17	7	7	sw.	U. S. Weather Bureau.
Monticello	San Juan	7,050	7	23.2		43	9	−10	31	28	2.70		0.60	27.0	6	4	18	9	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	[d]21.9	− 2.2	49[d]	6†	−13[d]	21	48[d]	2.05	−1.51	0.80	28.9	12	10[c]	0[c]	16[c]	nw.	Dasil Smith.
Moroni	Sanpete	6,000	7	24.5		50	3	− 7	31	34	4.59		0.93	37.3	20	5	4	22	sw.	B. F. Ellason.
Mosida	Utah	4,510	3	25.2		50	9	−12	21†	47	2.35		0.98	25.5		5	12	14		Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	[a]16.0		39[a]	25	−10[a]	12	33[a]	4.70			26.0	8	19[a]	0[a]	11[a]	sw.	Oscar Wilkins.
Nephi (near)	Juab	5,119	10								1.95		0.40		7					J. W. Jones.
Oak City	Millard	4,900	8																	Jos. L. Anderson.
Ogden	Weber	4,310	44	26.7	− 2.5	49	9	3	31	28	2.25	+0.64	0.32		12	9	6	16		Ralph Shorten.
Panguitch	Garfield	6,560	3																	H. L. Strembel.
Park City	Summit	7,000	10																	
Parowan	Iron	5,970	24	27.9	− 1.4	50	3†	− 9	31	38	2.76	+1.75	0.85		10	5	8	18		Alex Matheson.
Pasadena Ranch ‡‡	Iron	5,131	1								3.15		0.75	24.6	10	2	13	16	sw.	W. S. Hall.
Pine View ‡‡	Summit	6,335	3	18.8		47	23	−15	31	47	4.00		1.60	40.0	8	6[i]	1[i]	15[i]		Granville Deming.
Pinto	Washington	5,907	17	27.2	− 0.5	46	22	−27	12	54	3.59	+2.24				11	4	16	s.	J. H. Harrison.
Price	Carbon	5,557	4																	Walter Bass.
Provo	Utah	4,532	21	26.8	− 2.4	50	19	−11	12	44	3.52	+1.99	0.92	30.0	16	5	5	21		Reclamation Service.
Richfield	Sevier	5,350	21	27.6	− 0.4	58	3†	0	31	44	1.30	+0.65	0.60	13.5	5	13	10	8	nw.	Simon Christensen.
Riverdale ‡‡	Weber	4,310	2	26.2		48	9	0	30	30	1.78		0.40	18.0	11	9	4	18	s.	Eugene Bone.
St. George	Washington	2,880	22																	Ray Smith.
Saltair	Salt Lake	4,220	11	27.4	− 1.6	54	9	9	12	35	2.01	+0.63	0.28	18.2	17					J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	41	29.4	− 0.6	52	8	9	12	22	1.96	+0.61	0.52	19.8	15	3	7	21	nw.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	28.8		52	3†	2	12	31	4.77		1.30	31.8	13	9	2	20		Wm. Broadbent.
Scipio	Millard	5,260	20	25.8	− 2.0	62	3	−25	31	59	4.17	+2.72	0.51	40.0	18	4[a]	6[a]	20[a]	sw.	Thos. Memmott.
Scofield	Carbon	7,625	6	12.5		41	9	−25	29	52	3.38		0.49	75.0	17	3	0	28	s.	B. Newren.
Snake Creek ‡‡	Wasatch	5,950	2	20.6		46	23	−15	12	38	6.77		0.98	78.8	22	6	9	16	s.	J. W. Orrock.
Snowville	Boxelder		2	16.8	− 7.2	46	3	−17	29	44	2.03	+0.75	0.50	28.0	7	9	0	22	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	6	28.2		45	3	2	12	31	4.19		1.15	54.5	13	4	15	12		W. P. Shippee.
Springdale	Washington	3,500	7	37.7		58	8†	4	31	30	9.26		2.25			5	7	19		F. D. Gifford.
Standrod	Boxelder	6,000	10	20.6		42	23	− 2	29	29	0.99		0.17	16.2	11	13	5	13	sw.	T. B. Jones.
Teasdale	Wayne	7,000	6	21.4	− 5.3	48	4	−10	29	42	0.93	+0.39	0.40	11.0	7	4	10	17	w.	Henry Cullum.
Thistle	Utah	5,075	21	21.7	− 3.9	50	9	−13	21	49	7.67	+5.72	1.50	73.5	19	4	10	17		John I. Hayes.
Thompsons	Grand	5,150	3	20.0		39	16	− 8	31	30						9	14	8		J. F. Geeslin.
Tooele	Tooele	4,900	19	26.4	− 3.6	51	8	1	30	32	4.74	+3.54	0.80	42.8	14	4	6	21	s.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	20.2		45	8	− 9	25	34	2.41		0.65	37.2	14	5	1	2	n.	A. I. Rosa.
Tropic	Garfield	7,000	18	25.1	− 2.9	50	15	−13	29†	43	4.92	+3.92	0.94	50.0	14	6	6	19	sw.	E. P. Bolton.
University of Utah ‡‡	Salt Lake	4,500	2	22.1		49	3†	− 7	29	41	2.69		0.65		11	7	13	11		Jos. F. Merrill.
Utah Exp. Station ‡‡	Sanpete	8,700	1	16.4		43	8	−12	30†	30	7.05		0.95	77.5	16	3	11	17	w	Forest Service.
Vernal	Uinta	5,060	17	16.2	− 2.8	40	5†	−10	21	32	2.83	+2.19	0.43		11	8	5	18		Mrs. S. M. Logan.
Watson (near) ‡‡	Uinta	6,210	5	18.8		44	9	−10	31	32	1.93		0.48		13	26	0	5	s.	Homer D. Ford.
Wendover	Tooele	4,237	4	22.2		49	3†	− 8	21	32	1.32		0.40	12.0	5	10	10	11	w.	J. S. Cooper.
Woodruff	Rich	6,500	12	12.0	− 5.1	40	2†	−24	29	47	1.58	+0.88	0.39	29.0	9	12	9	10		O. J. Call.
Woodside	Emery	4,645	4	17.9		48	9	−24	30	60	3.20		0.75	32.0	8					Frank Groussman.
For the State				22.9	− 3.3	62	3	−32		60	3.12	+1.78	2.25	31.5	11	7	7	17	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing: for example, [c] represents three days missing, etc.

‡‡ Post office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Kanarra; of Lemay, Lucin; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Climatological Data for January, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	.....	1	23.1	.....	45	23	−11	11	43	8.38	.....	2.00	84.9	17	6	9	16	s.	Wm. M. Cox.
Beaver	Beaver	6,000	11	27.9	− 2.7	51	8	−16	31	44	2.40	+1.51	0.46	23.5	11	5	11	15	.....	S. Z. Jenkins.
Black Rock	Millard	4,872	11	.....	.....	.....	.....	−12	31	.....	1.25	+0.57	0.40	14.5	7	3	9	19	.....	Agent Salt Lake Route.
Blanding	San Juan	6,000	8	27.0	.....	48	4	0	12	28	3.60	.....	0.89	25.2	12	6	6	19	sw.	E. F. Thompson.
Bluff	San Juan	4,200	3	29.6	.....	50	10	− 5	12	49	0.29	.....	0.20	2.0	5	19[a]	0[a]	11[a]	.....	E. Perry A. Clark.
Brigham City	Boxelder	4,305	3	25.2	.....	50	3†	1	30	35	2.81	.....	0.50	29.1	13	.....	.....	.....	.....	N. Merrell Valentine.
Burrville	Sevier	6,800	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. R. Curtis.
Castle Dale	Emery	5,500	16	.....	.....	.....	.....	.....	.....	.....	4.20	+3.48	1.00	.....	8	.....	.....	.....	.....	Miss Zel'a Jeffs.
Cedar City	Iron	5,750	10	[b]30.4	− 3.5	50	8	− 3[c]	31	36[c]	2.19	+1.40	0.74	17.8	12	6	13	12	sw.	Parley Dalley.
Center ....‡‡	Tooele	4,250	4	20.2	.....	44	9	−20	21†	54	5.13	.....	0.90	49.0	14	4	5	22	s.	L. C. Peterson.
Corinne	Boxelder	4,240	45	21.7	− 3.2	42	3†	− 8	22	39	2.78	+1.37	1.15	28.8	7	5	6	20	.....	A. C. Murphy.
Deseret	Millard	4,541	20	26.5	− 1.5	51	3	−16	31	45	1.96	+1.45	0.75	17.0	10	5	8	18	s.	S. W. Western.
Duchesne	Duchesne	5,515	8	12.8	.....	41	9	−26	29	45	2.17	.....	0.40	28.0	12	2	14	15	.....	M. M. Smith.
East Portal....‡‡	Wasatch	7,606	3	9.9	.....	36	.....	−32	.....	.....	6.06	.....	.....	75.0	.....	.....	.....	.....	.....	Reclamation Service.
Elberta	Utah	4,650	13	26.0	− 2.7	48	3†	− 5	12	35	2.73	+1.74	0.65	33.0	15	6	7	18	s.	D. C. Walkey.
Emery	Emery	6,200	14	20.4	− 5.8	48	28	−12	31	51	2.50	+2.09	0.60	25.0	9	1	0	30	n.	H. C. Wickman.
Farmington	Davis	4,268	14	28.4	− 1.7	49	4†	1	29	30	3.37	+0.95	0.55	33.7	11	8	6	17	n.	Chas. Boylin.
Fillmore	Millard	5,100	23	28.7	− 2.5	53	3	−10	31	40	2.33	+1.17	0.63	28.0	12	.....	.....	.....	.....	J. J. Starley.
Ft. Duchesne	Uinta	4,941	27	10.6	− 2.0	40	9	−28	29	44	2.01	+1.54	0.47	21.4	13	14	8	9	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5	.....	.....	.....	.....	−23	29	.....	5.02	.....	.....	62.1	.....	.....	.....	.....	.....	J. E. L. Carey.
Garland	Boxelder	4,248	3	19.3	.....	40	8	− 8	28	35	2.21	.....	0.62	34.2	12	6	7	18	s.	J. T. Roberts.
Garrison	Millard	4,850	11	.....	.....	.....	.....	.....	.....	.....	3.39	.....	1.50	34.0	7	.....	.....	.....	.....	Jas. F. Robison.
Government Creek .‡‡	Tooele	5,277	14	23.7	− 4.9	43	4	− 9	30	33	3.35	+2.25	0.55	33.5	14	6	7	18	s.	Walter James.
Green River	Emery	4,080	15	21.2	− 3.8	46	9†	−12	31	37	1.38	+1.19	0.29	13.2	9	7	10	14	sw.	E. E. Adams.
Hanksville	Wayne	4,200	4	23.4	.....	50	9	− 5	12	45	1.43	.....	0.70	5.5	4	21	4	6	sw.	F. J. Weber.
Heber	Wasatch	5,593	22	17.2	− 4.6	44	25	−20	12	40	4.06	+1.60	0.65	60.0	15	3	6	22	n.	John Crook.
Henefer	Summit	5,301	15	17.8	− 5.9	47	25	−23	29	53	4.97	+2.46	1.45	54.0	20	7	5	19	nw.	Wm. Brewer.
Ibapah	Tooele	7,500	10	21.2	.....	49	8	−20	30	43	1.65	.....	0.48	19.0	12	9	7	15	sw.	W. M. Chastain.
Iosepa	Tooele	4,356	4	20.8	.....	52	4	0	9†	27	2.32	.....	0.92	.....	7	25	5	1	s.	James K. Halemanu.
Kanab	Kane	4,925	7	32.7	.....	60	1	− 6	31	42	5.51	.....	1.00	30.0	17	.....	.....	.....	.....	D. D. Rust.
Kelton	Boxelder	4,230	35	14.2	− 9.7	38	3	−18	29	43	1.65	+0.94	0.30	16.5	7	4	12	15	.....	F. W. Klock.
La Sal	San Juan	7,000	12	24.8	− 1.4	45	4†	− 5	12	27	1.78	+0.96	0.40	18.0	13	5	17	9	.....	La Sal Live Stock Co.
Leeds (near)....‡‡	Washington	3,400	3	.....	.....	.....	.....	.....	.....	.....	5.96	.....	1.40	.....	9	3	0	28	.....	B. F. Anderson.
Lehi	Utah	4,550	2	[b]25.4	.....	45[f]	4†	− 3[f]	12†	34[f]	3.06	.....	0.54	20.5	11	4	11	11[c]	nw.	Joseph Anderson.
Lemay .....‡‡	Boxelder	4,221	4	20.2	.....	38	4†	−16	22	46	1.18	.....	0.30	12.5	6	6	9	16	.....	E. J. Ineck.
Levan	Juab	5,010	25	23.9	− 1.1	47	3†	− 9	31	32	5.01	+3.56	0.80	46.6	17	4	11	16	s.	John C. Jensen.
Logan	Cache	4,507	24	[a]24.5	− 0.2	47	3	− 2[c]	17	34[b]	2.61	+0.88	0.75	23.9	9	6	6	19	.....	Experiment Station.
Low ....‡‡ ....††	Tooele	4,602	4	[b]20.8	.....	42	1†	10[d]	1†	20[c]	0.80	.....	0.20	8.0	7	6	4	21	.....	Agt. Western Pacific Co.
Lower American Fork..‡‡	Utah	5,063	1	29.4	.....	55	3	7	12†	30	2.86	.....	0.62	25.5	16	6	5	20	n-s.	W. S. Greenwood.
Lower Mill Creek...‡‡	Salt Lake	4,959	2	29.6	.....	54	9	9	29†	26	3.44	.....	0.50	45.0	16	7	4	20	s.	D. Folker.
Lucin	Boxelder	4,504	8	17.0	.....	40	4†	−18	21	41	1.19	.....	0.30	.....	8	13	13	5	e.	E. C. Puryear.
Manila	Uinta	6,225	5	13.4	.....	45	3	−20	17†	55	1.00	.....	0.60	10.3	2	1	26	4	.....	D. M. Nelson.
Manti	Sanpete	5,575	20	22.8	− 3.0	55	9	−10	31	39	2.43	+1.20	0.36	32.6	16	1	3	27	.....	J. M. Anderson.
Marysvale	Piute	6,180	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. Soyka.
Meadowville....‡‡	Rich	6,200	14	19.2	− 3.5	44	3	− 3	16	31	1.00	−1.70	0.30	23.0	7	9	2	20	.....	J. S. Moffat.
Midlake....‡‡	Boxelder	4,235	4	27.4	.....	43	9	17	12	13	1.80	.....	0.30	18.0	10	5	10	16	ne.	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	26.4	.....	50	8	− 2	29	36	3.08	.....	0.75	33.1	14	7	9	15	s.	E. D. Camomile.
Milford	Beaver	4,962	7	[m]29.0	.....	48[m]	15	−14[m]	31	40[m]	1.95	.....	.....	15.6	.....	3[m]	6[m]	10[m]	sw.	Delta Land & Water Co.
Moab	Grand	4,000	25	28.6	− 1.3	52	9	− 3[a]	12†	32[a]	3.52	+2.86	0.92	26.0	10	1	9	21	.....	Henry Crouse.
Modena	Iron	5,479	14	24.4	− 3.1	44	3	−17	12	39	3.47	+2.74	1.19	21.1	13	17	7	7	sw.	U. S. Weather Bureau.
Monticello	San Juan	7,030	7	23.2	.....	43	9	−10	31	28	2.70	.....	0.60	27.0	6	4	18	9	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	[d]21.9	− 2.2	49[d]	6†	−13[d]	21	48[d]	2.05	−1.51	0.80	28.9	12	10[e]	0[e]	16[e]	nw.	Dasil Smith.
Moroni	Sanpete	6,000	7	24.5	.....	50	3	− 7	31	34	4.59	.....	0.93	37.3	20	5	4	22	sw.	B. F. Eliason.
Mosida	Utah	4,510	3	25.2	.....	50	9	−12	21†	47	2.35	.....	0.98	25.5	.....	5	12	14	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	[a]16.0	.....	39[a]	25	−10[a]	12	33[a]	4.70	.....	.....	26.0	8	19[a]	0[a]	11[a]	sw.	Oscar Wilkins.
Nephi (near)	Juab	5,119	10	.....	.....	.....	.....	.....	.....	.....	1.95	.....	0.40	.....	7	.....	.....	.....	.....	J. W. Jones.
Oak City	Millard	4,900	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jos. L. Anderson.
Ogden	Weber	4,310	44	26.7	− 2.5	49	9	3	31	28	2.25	+0.64	0.82	.....	12	9	6	16	.....	Ralph Shorten.
Panguitch	Garfield	6,800	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. L. Strembel.
Park City	Summit	7,000	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parowan	Iron	5,970	24	27.9	− 1.4	50	3†	− 9	31	38	2.76	+1.76	0.85	.....	10	5	8	18	.....	Alex Matheson.
Pasadena Ranch‡‡	Iron	5,131	1	.....	.....	.....	.....	.....	.....	.....	3.15	.....	0.75	24.6	10	2	13	16	sw.	W. S. Hall.
Pine View ....‡‡	Summit	6,335	3	18.8	.....	47	23	−15	31	47	4.00	.....	1.60	40.0	8	6[f]	11[f]	15[f]	.....	Granville Deming.
Pinto	Washington	5,907	17	27.2	− 0.5	46	22	−27	12	54	3.59	+2.24	.....	.....	.....	11	4	16	s.	J. H. Harrison.
Price	Carbon	5,557	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter Bass.
Provo	Utah	4,532	21	26.8	− 2.4	50	19	−11	12	44	3.52	+1.99	0.92	30.0	16	5	5	21	.....	Reclamation Service.
Richfield	Sevier	5,350	21	27.6	− 0.4	58	3†	0	31	44	1.30	+0.65	0.60	13.5	5	13	10	8	nw.	Simon Christensen.
Riverdale ....‡‡	Weber	4,310	2	26.2	.....	48	9	0	30	30	1.78	.....	0.40	18.0	11	9	4	18	s.	Eugene Bone.
St. George	Washington	2,880	22	.....	.....	.....	.....	.....	.....	.....	1.95	.....	0.40	.....	7	.....	.....	.....	.....	Ray Smith.
Saltair	Salt Lake	4,220	11	27.4	− 1.0	54	9	9	12	35	2.01	+0.63	0.28	18.2	17	.....	.....	.....	.....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	41	29.4	− 0.6	52	8	9	12	22	1.96	+0.61	0.52	19.8	15	3	7	21	nw.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	28.8	.....	52	3†	2	12	31	4.77	.....	1.30	31.8	13	9	2	20	.....	Wm. Broadbent.
Scipio	Millard	5,260	20	25.8	− 2.0	62	3	−25	31	59	4.17	+2.72	0.51	40.0	18	4[a]	6[a]	20[a]	sw.	Thos. Memmott.
Scofield	Carbon	7,625	6	12.5	.....	41	9	−25	29	52	3.38	.....	0.49	75.0	17	3	0	28	s.	B. Newren.
Snake Creek....‡‡	Wasatch	5,950	2	20.6	.....	46	23	−15	12	38	6.77	.....	0.98	78.8	22	6	9	16	s.	J. W. Orrock.
Snowville	Boxelder	.....	2	16.8	− 7.2	46	3	−17	29	44	2.03	+0.76	0.50	28.0	7	9	0	22	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	6	28.2	.....	45	3	2	12	31	4.19	.....	1.15	54.5	13	4	15	12	.....	W. P. Shippee.
Springdale	Washington	3,500	7	37.7	.....	58	8†	4	31	30	9.26	.....	2.25	.....	.....	5	7	19	.....	F. D. Gifford.
Standrod	Boxelder	6,000	10	20.6	.....	42	23	− 2	29	29	0.99	.....	0.17	16.2	11	13	5	13	sw.	T. B. Jones.
Teasdale	Wayne	7,000	6	21.4	− 5.3	48	4	−10	29	42	0.93	+0.39	0.40	11.0	7	4	10	17	w.	Henry Cullum.
Thistle	Utah	5,075	21	21.7	− 3.9	50	9	−13	21	49	7.67	+5.72	1.50	73.5	19	4	10	17	.....	John I. Hayes.
Thompsons	Grand	5,150	3	20.0	.....	39	16	− 8	31	30	.....	.....	.....	.....	.....	9	14	8	.....	J. F. Geeslin.
Tooele	Tooele	4,900	19	26.4	− 3.6	51	8	1	30	32	4.74	+3.54	0.80	42.8	14	4	6	21	s.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	20.2	.....	45	8	− 9	25	34	2.41	.....	0.65	37.2	14	5	1	2	n.	A. I. Rosa.
Tropic	Garfield	7,000	18	25.1	− 2.9	50	15	−13	29†	43	4.92	+3.92	0.94	50.0	14	6	6	19	sw.	E. P. Bolton.
University of Utah‡‡	Salt Lake	4,500	2	22.1	.....	49	3†	− 7	29	41	2.69	.....	0.65	.....	11	7	13	11	.....	Jos. F. Merrill.
Utah Exp. Station‡‡	Sanpete	5,700	1	16.4	.....	43	8	−12	30†	30	7.05	.....	0.95	77.5	16	3	11	17	w	Forest Service.
Vernal	Uinta	5,060	17	16.2	− 2.8	40	5†	−10	21	32	2.83	+2.19	0.43	.....	11	8	5	18	.....	Mrs. S. M. Logan.
Watson (near)....‡‡	Uinta	6,210	5	18.8	.....	44	9	−10	31	32	1.93	.....	0.48	.....	13	26	0	5	s.	Homer D. Ford.
Wendover	Tooele	4,237	4	22.2	.....	49	3†	− 8	21	32	1.32	.....	0.40	12.0	5	10	10	11	w.	J. S. Cooper.
Woodruff	Rich	6,500	12	12.0	− 5.1	40	2†	−24	29	47	1.58	+0.88	0.39	29.0	9	12	9	10	.....	O. J. Call.
Woodside	Emery	4,645	4	17.9	.....	48	9	−24	30	60	3.20	.....	0.75	32.0	8	.....	.....	.....	.....	Frank Groussman.
For the State	.....	.....	.....	22.9	− 3.3	62	3	−82	.....	60	3.12	+1.78	2.25	31.5	11	7	7	17	s.	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.
† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing: for example, [c] represents three days missing, etc.
‡‡ Post office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Kanarra; of Lemay, Lucin; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily Precipitation for January, 1916.

Stations.	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	
Alpine					.10				.10					.30			.40	.30					.30		.30		.20		.10		.40	2.50
Alton (C)					.45				.55					.20	.09		.82	.90	.35	.20				.08	.50	.20	1.00	2.00	.35	.60		8.38
Beaver				.10	.19				T.	.18	.28			T.		.01	.15	.25					.25		.18	.35	T.	.46				2.40
Beaver Creek Nursery																																
Belknap Ranger Station‡																																
Benmore	.30			.14		.07			.40	.30				.35	.05	.20	.32	.75														2.24
Big Plains (C)																								24			.25	.60	.30	.10		4.37
Black Rock						.20				.10							.50	.15														
Blanding (C)	T.	T.				.12			T.	.21				T.	.08		.70		.55		.02						.40	.15		.10		1.25
Bluff (C)																T.	T.							.09	.22	.43	.89		.09	.20		3.60
Brigham City		.11			.06				.18		.14								.31					.01	.02	.02	.04		.20			.29
Burrville															.37							.14	.31	.21	.28			.50	.05	.15		2.81
Canaan (C)	.06	.19								.16					.06	.38	.64	.28	.05	T.			.02	.12	.55	.12	.18	.05	.03	.12		3.01
Castle Dale (C)	.10	.30												.75	.85	.60											.40	1.00		.20		4.20
Castle Rock		.10		.10		.05			.35	.10	.05			.05	.15	.10		.10	.10					.10	.05	.05	.15	.40		.10	.05	2.40
Cedar City						.10					.74					.09	.05	.37	.02	.03				.08	.18	.12		.23		.18		2.19
Cedar Fort																																
Center	.09			.05	T.	.26			.60	.05				.05	.10	.10	.90	.85	.18				T.	T.		.20	.80	.90			T.	5.13
Clarkston	.22									T.	.07			1.00														.45				2.45
Corinne	.25													*	1.15		.20		.29			.48		.30				.70				2.78
Cottonwood Nursery																							.12									
Deep Creek					T.				.40	.05					.07		.20	.47							T.		.60		.03			1.82
Deseret				.10	.15	.05		.50	.05								.10	.15								.07	.75		.04			1.96
Duchesne (C)	T.	.05		T.		.07			.15	T.	.05		T.	T.	.12	T.	.40	.40	.20					T.	T.	.09	.26	.35		T.	.03	2.17
East Portal (C)																																
Elberta	T.				.06	.07			.26					.16	.04	.03	.65	.59				.04	.05	.01		.10	.32	.34			.01	2.73
Elkhorn (C)																																
Emery‡ (C)								T.				T.																				
Enterprise	.03						.10			.20				.03	.06	.20	.30	.60	.40				.20		.30	.20		.20	.10			2.50
Erekson	.09		T.		.04				.19	.06				.12			.29	.36	.38					.30			1.00	.05	.40			4.77
Farmington						T.			.02	.40	.43				.31		.32	.11	.05				T.	T.	T.	.41	T.	.55	.36		.41	3.37
Fillmore						.63			.10	.05				.03		T.	.07	.03	.26				T.	.05	T.	.55	.08	.18	T.	.30			2.33
Ft. Duchesne (C)		.03				.06			.05	.02	.01			.09		T.	.45	.10	.23					T.		.06	.36	.47		.08		2.01
Fruitland (C)		.32							*	1.18		*		*	*	*	2.12		.19				*	*	.31			.90				5.02
Garland	.10	T.	T.	.02				.11	T	.02	T.	T.		.27	T.		.03	.19	T.			T.	.32	.35	.10		.62	.08		T.	T.	2.21
Garrison				.01	.15				.13	.20							.40	1.00										1.50				3.39
Government Creek	.11			.10	T.	.10			.55	.18				.05		T.	.25	.53	.37			T.	T.	T.	T.	.10	.50	.40	.07	.04		3.35
Grantsville				.07						.40	.02			.16	.25		.23	.27	.20				T.		.20	.03	.75			.02	.03	2.63
Green River (C)	.20					.11											.28	.08	.16						.10	.05	.29			.11		1.38
Grouse Creek																																
Hanksville (C)																																
Hatch																	.60	.11									.70		.02			1.43
Hayden (C)	.05	.10			.10				.20	.31	.15				.15		.47	.34	.30		.15				.20	T.	.84	.40		.20		3.71
Heber	.05	.10		.10		.10			.36	.09			T.	.15		T.	.46	.11	.20				T.	.05	.09	*	.62		T.		2.38
Henefer	.09			.30		.10			.65	.50					.35		.25	.50	.20			T.	T.	T.	T.	.40	.20	.45		.10	.05	4.06
High Line City Creek				.10	.07				.60	.30	.14	T.	.05	.19	.29	.09	.59	.19	.05				T.	.05	.02	.09	.19	1.45	.06	.14		4.97
Howell									.85	.37	.35	T.			.34		.17	.14						.19	.09	.49	.33	1.10	.20	.21	.12	5.12
Hurricane (C)																																
Ibapah					.15				.10					.06			.74	.50					T.		.47	.78	.55	.20	.30			3.85
Indian Farm	T.			.04	.13				.18	.15					.04	.05	.10	.28								.10	.05	.48	.05			1.65
Iosepa				.03		.04			.14	T.				T.	T.	T.	.14	.34				T.	.12	T.	T.	T.	.10	.41	.02		.02	1.36
Joseph									.30	.03		.48								.37					.11			.92	.11			2.32
Jozella Ranch	.10	.03			.02	.27					.03			T.		.16	.20	.15						.04			.14	.10		T.		1.11
Junction					.05					.13				.11				1.20								.35	.30	.10	.06			3.43
Kanab (C)	.22				T.				.05	.22				T.		.03	.31		T.				T.		.05	.11	.11	.13				1.01
Kanosh					.28			.20		.36				.18		.41	1.00	.16	.36				.03	.17	.37	.51	.83	.17	.06	.20		5.51
Kelton	.40				.11	.91				.07					.05		.25		.43					.09				.10				2.01
Lake View Farm	.11		.02	.03	.15	.60			.26	.10				.12		.21	.55	.38	.11				T.	.10	.25				T.	.10	T.	1.65
La Sal (C)	.03	.08				.03											.20	.30					T.	.12	.05	.42	.30	.22	T.	.36		4.17
Leeds, (near) (C)			T.		.34				.32	.34		40					.21	.16	.04					.40	.12	.21	.05	.02		.03		1.78
Lehi			.30			.17				.19				.10				1.40	1.07	T.				.60	.85		.94					5.96
Lemay	.10									.08				.17			.40	.54						.20		.25	.10	.45			.29	3.06
Levan	.05	.01		T.	.25	.33			.50	.14				.15		.12	.67	.78	.34				T.	.09	.06	.40	.30	T.		.80	.02	5.01
Logan	T.			.16			.27			.36				.26			T.	T.	.10			T.	.35	.10	.52		.75		T.			2.61
Lone Tree (C)	.19					.13	T.		.06	.10				.24		T.	.36	.11						.17	.35		.15	.55		.10		2.51
Low														.10	.20	.10	.10	.10									.10	.10				0.80
Lower American Fork	.07	.20			T.	.12					.11			.03	.25	.07		.30	.30				.05	.06	.32	.18		.62		.03	.15	2.86
Lower Mill Creek	T.				.11	.12			.40	.07	.12	.05			.04	.34		.40	.29					.03	T.	.50		.34	.40	.11	.12	3.44
Lucin								.01		.05					.10		.18	.30	.20						T.	.20	.15					1.19
Manila (C)										.60				T.													.40					1.00
Manti	.06	.09	.20	T.	.01	.20			.14	.09				.11		.04	.24	.36	.31							.23	.02	.18		.15		2.43
Marysvale																																
Meadowville				.18					.25					.05			.10	.02									.10	.30				1.00
Midlake	.30			.10						.10					.30	.30	.20	.20									.10	.10				1.80
Midvale	T.			T.	.15				.38	.23	T.			.05	.10		.53	.27					.11		.21	.04	.75	.11	.06	.03	3.08
Milford													‡.75	T.	T.	T.	.21	.18	.34	T.				.04	.05	.04	.25	.03	T.	.06		1.95
Mills	.03	T.			T.	.31	T.		.14	.03				.12	T.	.07	.28	.41	.15						T.	.02	.10	.13	.19	T.	.14	T.	2.12
Milville	.12	T.	.04	.06				.46	T.	.08	.12	T.	T.	.13	.27				.10	.14			.10	.12	.10	.45	T.	.63	.14		T.	3.06
Minersville	T.					.20			.04	.51					T.	.01	.15	.26				T.	.11	.01	.05	.08	.09	1.02	T.	.09		2.62
Moab (C)						.07	.06				.60						.25							.45	.65	.20	.30	.92		.02		3.52
Modena ***	.03				.08	.03			.07	.71	T.			T.	T.	T.	.45	1.18	T.				T.	T.	.02	.01	.75	.07	.05	.02		3.47
Monticello (C)						.60				.30															.60				.30			2.70
Monticello Ranger Sta. (C)					.27					.15					.30			.60									.31		.36			2.09
Morgan					T.	T.			.35	T.	.20	T.	T.	T.	.20		.74															
Moroni	.16	.13	T.	.02	.08	.33			.24	.12	T.			.11	.03	.02		.12	.06	T.			T.	.25	T.	.10		.80	.20	.09	.06	2.05
Mosida				.20		.15			.47						.11	.08	.69	.93	.22	T.			T.	.13	.06	.28	.32	.34		.23	.01	4.59
Mountain Home‡ (C)																.30	.12		.98						.60							2.92
Myton (C)																															.10	
Nada	.04			.07					.07	.02				.10	.02		.37	.34	.20							.04		.22	.50			4.70
Nephi (near)	.12				.05	.15			.08	.36	.24			.02			.24	.32												.04		2.03
New Castle	.25				.25					.30				.20					.40				.09			.05	.31	.05	.04	.26		3.03
New Harmony (C)	.02				.20					.21		.55			.02		.31	.85							.15					.40		1.95
Oak City					1.32	.46					.20					.62	1.18	1.50	.14						.06			1.20		.48		3.96
Ogden		.18							.25		.32			.22	.14		.04	.16						.20		1.00	1.98	.42				9.02
Orderville (C)	.27	.15			.02	.26			.29	.22	.24			.14	.18	.02	.84	.86	.50	.02				.29	.05	.17			.20	.23		2.25
Panguitch																							T.	.28	.58	.76	.06	.15	.46		6.30
Park City																																
Park Valley (near)	.11	.01								T.		T.	.05	.15			.11	.10				.18			.19		.19		T.		.04	1.13
Parowan					.17					.85							.21	.16	.05				.30	.33	.27			.28		.14		2.76
Pasadena Ranch				.10	.75		.10		.40	.50		.60					.10							.20		.20	.20		T.		T.	3.15
Payson				.05	.05	.20			.75	.05			T.		.30	.28	.92	.16							.47	.05	.55	.10	T.	T.		3.93
Pine Valley (C)																																
Pine View				.30		.20			.50		.40			.20		.40											.40	1.60				4.00
Pinto (C)	.05						.05		.34	.70				*	*	*	*	1.26														3.59
Price (C)																	.50						12				19					

Continued on page 7.

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Daily Temperatures for January, 1916.

Stations.		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	Mean
Black Rock	Maximum																																
	Minimum	−2	22	25	32	25	20	1	19	15	20	15	−4	10	21	28	25	20	18	20	5	8	20	22	30	31	22	19	22	10	−7	−12	16.1
Blanding	Maximum	31	32	42	48	34	41	43	45	35	38	32	22	25	30	37	38	33	40	37	37	34	36	36	36	36	35	36	36	25	25	17	34.6
	Minimum	11	18	18	20	23	28	18	22	27	20	18	0	4	15	27	25	27	30	22	19	13	16	20	29	29	29	26	26	6	10	1	19.3
Burrville	Maximum																																
	Minimum																																
Castle Dale	Maximum																																
	Minimum																																
Corinne	Maximum	26	39	42	42	35	30	35	37	38	41	29	23	30	30	35	31	28	36	36	30	27	31	37	39	37	39	28	31	25	22	22	32.6
	Minimum	9	20	23	31	10	5	7	5	12	20	15	0	15	17	21	−3	−4	9	24	17	−5	8	10	20	23	13	0	20	−6	5	11	10.8
Deseret	Maximum	30	39	51	45	39	35	39	48	45	41	28	29	36	38	45	36	33	34	37	35	25	40	43	45	43	30	29	37	37	27	27	37.0
	Minimum	12	25	30	32	23	15	15	20	30	26	16	−2	15	26	30	24	20	20	23	−9	−5	−5	18	31	33	23	15	25	−11	−4	−16	16.0
Duchesne	Maximum	20	32	32	38	37	33	23	18	41	30	24	20	20	19	27	25	14	20	18	31	15	14	22	25	31	30	26	32	19	20	16	24.9
	Minimum	3	12	15	4	18	2	−11	−7	15	12	6	−15	−5	0	−7	−6	2	4	−5	−6	−17	−19	−5	15	17	11	−1	12	−26	6	−9	0.6
Elberta	Maximum	30	40	48	47	40	35	38	48	47	37	28	27	28	34	41	32	25	32	35	30	20	39	43	40	41	40	28	30	33	26	25	35.0
	Minimum	28	35	33	33	25	24	10	20	26	16	7	−5	19	26	28	15	13	21	25	2	−4	4	22	24	34	21	10	14	−2	6	−4	17.0
Emery	Maximum	32	30	35	32	43	45	35	31	47	42	41	42	40	34	32	35	38	30	37	38	30	31	35	37	38	36	39	48	35	39	36	36.9
	Minimum	0	−1	−2	−3	16	17	4	20	15	10	−7	−6	−5	14	11	16	17	16	5	0	0	−4	−2	−1	6	5	11	−3	−8	−11	−12	3.8
Fillmore	Maximum	33	38	53	43	47	38	40	43	50	38	29	40	40	34	42	46	28	48	40	35	43	46	50	48	42	38	38	28	25	40.1
	Minimum	6	20	17	26	28	25	8	21	30	23	20	4	14	23	28	25	21	20	15	14	3	12	23	31	28	20	11	15	7	9	−10	17.3
Ft. Duchesne	Maximum	26	30	31	21	32	35	28	23	40	31	30	22	16	15	20	23	22	20	20	15	8	9	16	25	30	31	30	31	16	12	8	23.2
	Minimum	−9	9	16	−1	13	15	13	9	11	14	−8	−10	−10	−3	−12	−7	−7	−3	−7	−13	−19	−22	−7	11	11	9	−4	10	−28	−11	−26	−2.1
Fruitland	Maximum																																
	Minimum																																
Government Creek	Maximum	27	37	42	43	36	33	38	41	42	31	22	21	29	30	40	28	23	37	33	28	29	36	40	39	38	37	32	35	24	21	20	32.7
	Minimum	9	21	18	29	23	16	16	23	23	20	1	−4	14	19	26	16	10	16	16	8	5	19	31	32	33	13	5	14	0	−9	−7	14.7
Green River	Maximum	27	36	29	23	31	32	28	25	46	43	37	26	21	23	35	32	28	31	40	36	30	26	30	36	39	46	33	44	29	27	21	32.1
	Minimum	−6	6	8	8	6	19	12	19	18	8	20	−1	−4	11	8	8	19	24	17	3	−2	5	4	24	24	31	21	27	−8	3	−12	10.3
Henefer	Maximum	26	39	42	45	35	33	27	31	48	25	30	17	28	29	32	28	10	20	32	28	20	30	42	38	47	36	16	30	30	23	21	30.1
	Minimum	5	20	12	29	2	7	−12	0	18	1	1	−12	11	17	25	8	−1	6	4	−2	−20	−14	13	29	31	13	−6	12	−23	−5	0	5.5
Ibapah	Maximum	36	34	47	42	39	36	40	49	45	31	28	24	27	35	40	27	27	27	33	31	31	34	41	45	39	36	28	31	25	20	29	34.1
	Minimum	1	7	24	30	24	5	0	11	22	14	4	−12	8	20	12	12	11	11	6	−11	−8	6	23	18	19	19	9	13	−11	−20	−14	8.3
Kanab	Maximum	60	58	58	56	54	49	45	43	50	41	37	33	35	44	45	41	46	45	48	51	42	44	49	51	45	43	38	47	36	34	35	45.1
	Minimum	20	25	24	18	13	25	20	20	26	17	−5	5	12	29	31	32	30	30	25	21	19	22	20	29	28	30	28	18	12	11	−6	20.3
Kelton	Maximum	22	32	38	37	26	26	35	34	36	30	26	26	28	30	32	20	22	30	20	17	13	20	35	36	21	25	26	26	25	13	21	26.7
	Minimum	6	−1	10	19	1	−6	−4	17	12	9	9	−7	1	10	13	−18	−5	9	19	−9	−14	−14	7	12	6	−4	10	−8	−18	−12	−5	1.6
La Sal	Maximum	27	28	41	45	37	32	34	44	40	35	28	21	25	28	38	32	31	37	37	37	32	30	45	41	35	33	35	25	26	19	12	32.6
	Minimum	6	15	23	28	27	22	13	22	32	18	20	−5	3	11	25	24	22	28	17	14	12	14	20	27	28	22	20	16	−1	8	−3	17.1
Leeds (near) §§	Maximum																																
	Minimum																																
Lemay	Maximum	22	18	34	38	35	32	35	36	36	33	28	30	35	35	38	35	21	30	27	16	8	30	38	33	38	30	24	25	18	15	28	29.0
	Minimum	8	7	18	30	20	16	22	20	25	23	16	12	18	24	28	5	11	16	14	−5	8	−16	0	10	22	16	18	5	−15	0	−5	11.4
Levan	Maximum	27	39	47	42	35	32	31	40	47	35	27	23	30	31	42	35	22	29	34	32	24	32	40	42	42	37	28	44	30	24	15	33.5
	Minimum	5	25	24	23	23	25	1	9	26	18	10	−1	11	21	30	22	15	21	14	10	−4	2	12	27	31	20	12	21	−2	7	−9	14.3
Logan	Maximum	32	37	47	43	33	32	38	35	45	38	30	25	29	30	35	30	15	27	32	30	27	30	40	42	40	37	35	32	26	24	21	32.7
	Minimum	6	29	28	30	19	13	15	25	24	29	17	8	17	27	25	...	−2	...	23	12	7	5	6	24	31	15	4	7	10	10	10	16.3
Low §§	Maximum	42	32	22	23	17	31	38	42	31	18	21	32	34	21	28	32	27	18	32	21	28	32	35	20	21	24	20	21	19	22	24	26.4
	Minimum	10	22	...	16	17	12	...	24	31	...	12	14	25	...	12	13	14	12	10	10	12	15	18	20	18	13	14	10	12	10	13	15.1
Lucin	Maximum	29	29	35	40	37	31	30	38	38	40	27	20	23	28	32	32	23	26	32	25	12	25	34	31	33	28	22	30	20	20	21	28.7
	Minimum	−10	−2	13	13	6	6	13	16	16	16	7	−7	1	10	16	−3	5	17	16	−5	−18	−16	12	5	22	0	−2	20	−12	−8	5	5.2
Manila	Maximum	10	30	45	40	34	30	23	40	40	20	23	21	20	35	33	2	−5	20	35	37	28	38	40	41	40	41	28	29	35	20	14	28.5
	Minimum	−8	−2	5	20	10	10	−4	2	10	1	−3	−18	−5	4	2	−4	−20	−12	−5	−9	−14	−8	8	16	5	11	0	5	−20	−18	−20	1.6
Manti	Maximum	32	36	38	47	40	38	31	34	55	36	27	22	35	32	40	37	30	35	45	46	33	37	39	42	41	38	28	50	23	22	20	35.8
	Minimum	−1	10	18	22	14	18	0	16	26	9	7	−9	5	16	5	18	13	18	14	9	−6	−1	15	24	24	18	8	14	−8	0	−10	9.9
Meadowville	Maximum	29	34	44	40	30	25	29	42	40	30	20	19	26	31	29	24	11	22	29	29	28	30	39	42	39	32	16	25	21	13	17	28.6
	Minimum	9	16	19	19	11	5	−2	12	18	14	9	−2	11	19	20	−3	0	7	8	5	23	22	27	10	−2	10	1	0	3	9	8	9.8
Milford	Maximum														35	48	47	40	45	40	36	38	39	43	43	42	37	40	43	34	33	26	9.4
	Minimum														19	29	27	21	21	22	23	10	21	27	32	33	25	21	18	1	1	−14	8.7
Moab	Maximum	36	38	35	24	37	40	36	47	52	47	48	27	24	26	37	35	30	34	49	48	38	34	39	40	43	44	36	35	36	35	34	37.5
	Minimum	19	28	9	14	18	24	20	22	48	36	27	−3	−3	9	15	14	22	27	31	22	14	12	26	31	28	27	14	...	14	22	2	[a]19.7
Modena	Maximum	28	34	44	41	39	31	39	43	41	31	24	22	26	28	35	32	37	41	32	34	36	38	41	40	37	36	41	31	26	25	20	34.1
	Minimum	19	27	14	23	25	14	10	18	28	22	−10	−7	−1	22	27	23	21	26	21	6	6	15	23	29	31	22	22	2	1	−5	−11	14.6
Monticello	Maximum	32	28	35	37	32	40	30	38	43	40	15	20	30	30	35	40	29	35	21	30	27	30	40	37	30	35	30	31	21	20	3	30.8
	Minimum	8	15	23	18	24	23	11	23	29	17	−4	6	22	22	22	21	21	27	17	12	6	10	12	26	26	25	19	6	4	7	−10	15.7
Moroni	Maximum	20	33	50	42	37	29	39	39	45	31	26	21	33	29	38	35	27	41	41	38	34	42	41	43	40	34	31	39	26	27	16	34.4
	Minimum	7	18	27	23	21	19	7	12	24	13	8	−4	9	19	26	19	17	23	17	18	2	8	20	30	29	18	12	14	−3	6	−7	11.6
Mosida	Maximum	27	39	47	46	41	35	39	40	50	39	28	30	34	36	38	42	24	30	41	30	21	40	43	47	38	40	37	30	29	26	20	36.1
	Minimum	12	25	30	32	27	25	22	12	25	14	5	10	18	20	25	14	12	20	21	−7	−12	−7	18	23	23	21	11	21	−12	4	−7	14.4
Ogden §§	Maximum	37	41	46	40	39	34	37	48	49	36	25	26	34	34	31	32	24	37	39	31	33	45	48	46	43	34	38	28	28	29	27	35.9
	Minimum	9	10	34	39	19	18	17	17	32	29	18	6	13	24	27	9	5	15	21	11	4	5	24	29	30	23	15	20	11	4	3	17.5
Panguitch	Maximum																																
	Minimum																																
Park City	Maximum																																
	Minimum																																
Pasadena Ranch	Maximum																																
	Minimum																																
Parowan	Maximum	28	34	50	48	45	40	46	50	47	38	24	25	31	34	43	34	36	48	45	37	44	45	48	46	43	34	47	45	30	28	24	39.3
	Minimum	2	18	19	30	29	23	13	16	27	23	13	−8	−2	13	18	25	23	32	16	19	6	15	20	22	30	26	18	18	4	14	−9	16.5
Pinto	Maximum	28	43	45	44	44	39	40	49	44	35	35	27	33	35	38	40	43	43	33	37	40	46	43	43	40	37	40	37	32	27	26	38.3
	Minimum	15	12	31	35	30	29	8	23	37	12	13	−27	−1	21	25	26	21	33	22	7	1	12	15	29	27	11	20	20	2	12	−26	16.0
Provo	Maximum	30	45	44	44	35	37	39	44	49	37	27	24	39	34	40	31	29	39	50	39	34	43	43	47	44	43	36	49	33	28	28	38.2
	Minimum	5	25	27	29	14	23	4	11	20	13	3	−11	20	21	30	13	9	23	26	1	−6	−1	24	31	33	31	9	23	6	11	10	15.5
Richfield	Maximum	27	39	58	58	45	41	31	49	31	44	30	30	35	35	46	39	32	36	49	40	37	40	46	49	49	40	38	34	34	30	25	39.3
	Minimum	8	19	26	30	24	19	7	5	5	18	16	2	10	24	27	20	19	18	18	16	7	10	11	26	25	24	19	19	4	13	0	15.8
St. George	Maximum																																
	Minimum																																
SALT LAKE CITY	Maximum	32	42	51	48	40	35	38	52	49	38	25	25	33	36	36	26	22	42	39	29	33	40	42	44	45	38	38	39	32	24	21	36.6
	Minimum	16	30	37	33	26	25	20	31	28	21	18	9	24	29	24	16	16	22	28	17	11	21	33	25	36	18	16	18	11	12	13	22.2
Scofield	Maximum	29	28	30	34	32	...	27	31	41	25	18	28	26	17	29	21	27	29	28	31	33	31	31	33	31	24	23	28	17	13	11	[a]27.3
	Minimum	5	12	13	9	7	0	−26	−5	14	0	−10	−24	−9	−6	−15	−7	−2	17	0	7	17	−17	4	10	14	−7	−8	−9	−25	−14	−15	2.3
Standrod	Maximum	22	31	40	41	33	32	31	39	38	29	24	19	30	30	31	22	15	24	32	27	32	33	42	39	41	36	17	27	21	19	18	29.5
	Minimum	0	12	24	26	15	9	9	19	23	20	10	1	10	14	15	0	1	9	16	5	3	10	25	20	27	7	0	12	−2	6	9	11.6
Teasdale	Maximum	27	22	28	48	43	31	26	31	46	36	33	17	16	19	37	31	31	32	31	31	32	33	34	32	37	30	32	31	32	30	32	31.4
	Minimum	−1	9	17	19	24	21	5	12	18	27	10	−9	1	9	12	22	19	15	14	10	1	5	13	17	18	19	15	14	−10	9	−9	11.3
Tooele	Maximum	31	45	50	49	36	36	36	51	50	35	26	23	35	35	35	31	23	31	37	37	31	36	43	37	47	41	28	41	28	26	21	35.8
	Minimum	3	28	29	32	23	13	13	19	26	22	14	7	18	29	25	11	12	19	24	10	6	10	26	24	31	18	11	17	3	1	3	17.0
Tremonton §§	Maximum	27	37	40	36	37	32	32	45	35	32	22	22	30	30	35	14	22	31	31	24	28	33	38	35	37	30	30	25	22	21	22	30.2
	Minimum	1	10	24	28	6	5	3	7	24	16	15	1	5	19	24	3	3	5	19	1	−6	−4	9	27	30	20	4	20	−9	−3	−2	10.1
Tropic	Maximum	30	33	43	45	44	43	41	41	37	31	25	26	30	42	50	38	37	40	40	38	36	38	40	38	42	39	42	32	29	31	26	37.1
	Minimum	−6	17	11	27	22	0	11	23	21	11	−6	−10	11	25	23	24	27	28	17	10	−2	4	12	28	35	16	28	20	−13	11	−13	13.1
Vatson (near)	Maximum	23	30	42	43	38	34	21	23	44	34	30	18	20	24	35	30	37	18	31	33	30	35	30	33	39	31	25	40	22	20	16	30.0
	Minimum	5	13	15	20	21	17	−2	−2	12	11	10	−4	2	8	6	11	5	4	5	10	2	5	10	15	16	18	5	8	2	−2	−10	7.6
Vendover	Maximum	22	32	49	49	40	35	35	35	45	37	30	33	32	37	33	33	26	25	39	27	17	25	30	35	33	37	28	31	22	22	30	32.4
	Minimum	12	12	22	30	18	16	20	17	27	25	20	7	12	20	21	14	11	12	12	−3	−8	−5	11	10	12	18	13	12	−3	−7	−2	12.1

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Daily Precipitation for January, 1916.

Continued from page 5.

Stations.	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	
Provo	.05				.23	.12			.51	.13				T.	T.	.23	*	.92	.21				.19	.04	.14	.25	*	.35			.15	3.52
Randolph	T.	T.	T.	.15				.25	.40						.25	T.	.30	T.	.26		.46								T.	T.	T.	2.07
Reed																																
Revere	.20		.15		.12		.03	.15		.10				.50	.22		.45	.40				.10				.10		.50	.49		.08	3.59
Richfield					.60					T.						.30																
Richmond ‖‖	.09	.02	.04	.04				.26	T.	.09	.04		.03	.40			.04	.31	.20			.08	.27	.19	.10	T.	.10	.20	T.				1.30
Riverdale	.03	T.		T.					.17		.40				.10	.10	T.		T.				T.	.25	.23		.89	.44	.05		.01	3.67
St. George (C)																									.08	.15	T.	.20	.10	.20		1.78
Saltair	.01			.05		.07			.28	.16					.20	.04	.19	.17	.16				.02	.09		.21	.04	.19	.03	.10		2.01
SALT LAKE CITY ***	T.			.01	.07				.31	.08	.03			T.	.17		.18	.10					.06		.04	.22	.07	.45		.07	.10	1.96
Santaquin	T.	T.		.25	.14				.43	.18				T.	.29	T	1.30	.39					.14	.02	.57	T.	.81		.24	T.	.01	4.77
Scipio	.18				.23	.49			.05	.13				.13	.03	.07	.37	.51	.34					.10	.06	.42	.15	.37	.07	.47		4.17
Scofield (C)	.04	.31		.27	.19	.14				.21	.09				.18	.17	.32	.49	.08						.05	.28	.21	.29	.06			3.38
Silver City																																
Silver Lake																																
Snake Creek ‖‖	.49	.10		.28	.12			.37	.33	.39		T.	.05	.68	.34		.68	.70	.10			.13	.12	.23	.25	.09	.98	.18	.10	.06		‡9.68
Snowville		.18												.36					.50				.27	.16	.12			.50			.12	6.77
Spanish Fork			.11		.10				1.08	.10	.20			T.		.27	.08	1.15	T.				T.	.10		.20	.40			.30	.10	2.03
Springdale (C)																																4.19
Standrod				.14																												
Sunnyside (C)	.30	.35	.05	T.	T.	.20	T.		.09	T.		T.		.02	.01		.03	.16	.13				T.			.08	.08	.17		T.	.08	0.99
Teasdale (C)									T.	.06				.15			.40	.30	.80													
Thistle	.30				10	.10		.04		T.	.14			T.		.07	.07	.14					.05	.05	.08	.26	.45	.35		.23		4.08
Thompsons (C)									1.20	.40			.20		.40		.60	1.10						.07	T.	T.	T	.40	T.		T.	0.93
Tooele																								.10	.10	1.50	.45	.65		.40	.07	7.67
Tremonton ‖‖				.20		.25			.40	.28				.15	T.	.40	T.	.40	.40				T.									
Tropic (C)		.10			T.			.10	.10	T.	.05		T.	T.	.30	.12		T.	.20	.05			.18	.10		.80	.45	.51		.20	.20	4.74
Trout Creek Ranger (C)		.20	.11					.30	.36				.10			.68	.87	.19	.07					.16	.30	.02		.65	.08	.10		2.41
University of Utah																									.30		.94	.40	.20	.20		4.92
Utah Experiment Station	.05					.20			.45	.20	.10				.22		.15		.15							.35		.65	.17			
Vernal (C)	.20	.28			.77	.61				.95	.12			.16	.42	.26	.12	.85	.52					.10		.86	.14			.69	T.	2.69
Victor (C)	.37	.01							.29	.04				.05			.35	.35	.24							.30	.40	.43		T.		7.05
Watson (near) (C)	.10							.40							.30		.60															2.83
Wendover	.14					.21			.01	.05						.10	.26	.21	.10			.02		.02					.03			1.47
Whiskey Creek ‖‖								.12									.40	.30								.10		.13	.11	.48		.02	1.93
Winder				.08	.10						.03					.20	.35	.30											.30	.20			1.32
Woodruff										.41							.71	.21									.23	.60				1.89
Woodside (C)				.04					.39	T.			T.	.02	.21		.15	.13	T.													
						.60	.20								.75		.50	.60			.20	.30	.05			.04	.26	.34				1.58
																																3.20

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

19

SNOW CONDITIONS IN UTAH ENDING JANUARY 31, 1916.

GENERAL SUMMARY.

Nearly every correspondent reported the heaviest snow in January for many years, depths ranging as high as 108 inches. The condition of the snow varies, some reported that it was packed, and others that it was loose. Drifts occurred everywhere, and at some places they were very deep. All observers reported much more snow than at the last of January, 1915, more than the average, and that the prospects were excellent for a good water supply. The greater monthly amounts fell at the greater elevations, Alton, Kane County, reported 84.9 inches which is the largest.

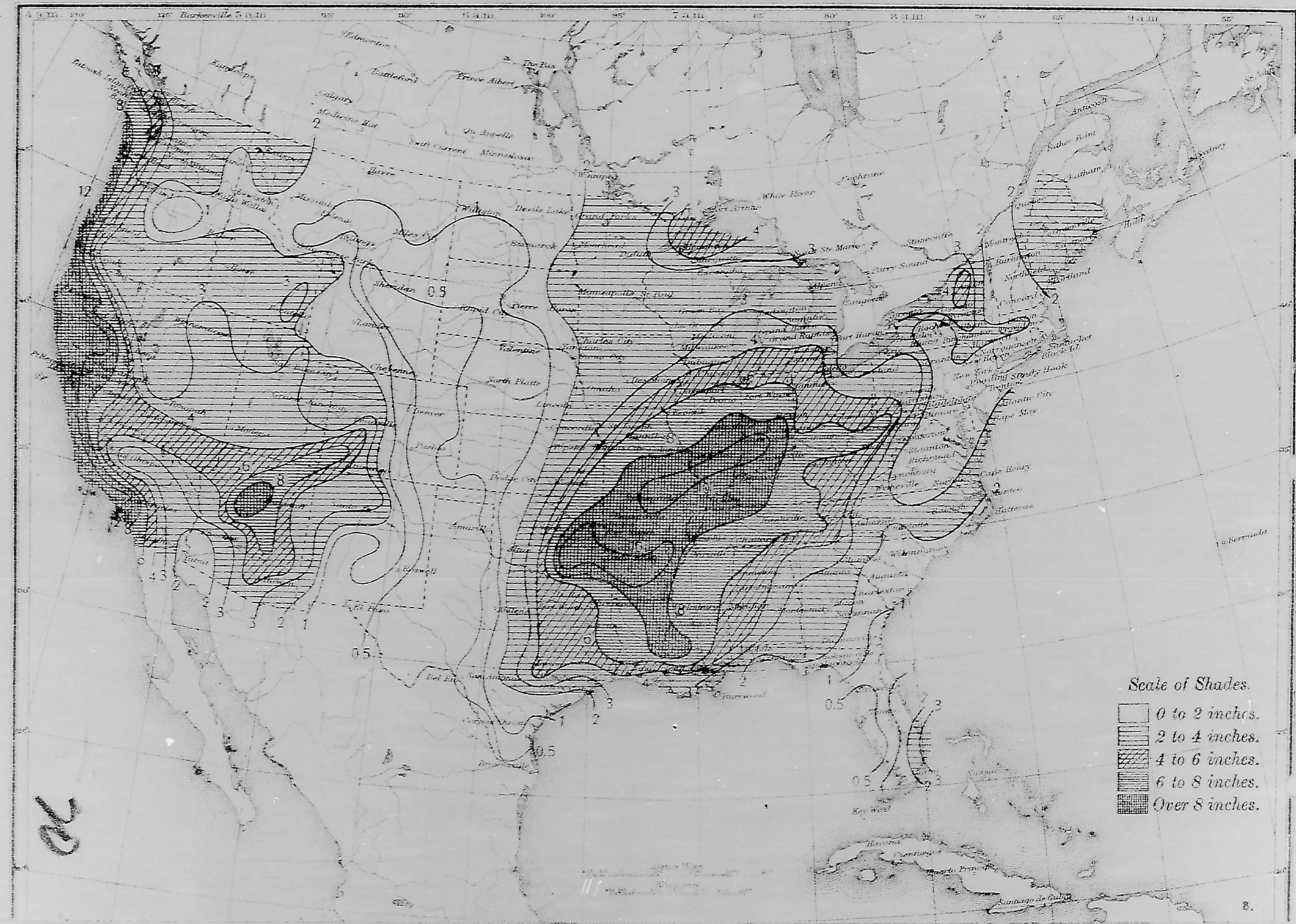
Stations.	Counties.	At station. (inches.)			Estimated depth in adjacent mountains or hills.			Prospective water supply compared with average.
		On ground at end of month.	Total snowfall for the month.	Total precipitation for the month.	Inches.	Compared with last year.	Compared with average.	
Great Salt Lake Watershed.								
Brigham City	Boxelder	13.0	29.1	2.81	42	+	+	+
Corinne	do	15.0	28.8	2.78	.....	+	+	+
Lucin	do	8.0	.....	1.19	72	+	+	+
Snowville	do	.....	28.0	2.03	48	+	+	+
Standrod	do	9.0	16.2	0.99	.....	+	+	+
Tremonton	do	.....	37.2	2.41	84	+	+	+
Lemay	do	5.0	12.5	1.18	.....	+	+	+
Clarkston	Cache	18.0	.....	2.45	120	+	+	+
Logan	do	.....	23.9	2.61	66	+	+	+
Millville	do	14.0	30.0	3.06	72	+	+	+
Richmond	do	15.0	38.0	3.67	84	+	+	+
Meadowville	Rich	12.0	23.0	1.00	50	+	+	+
Randolph	do	20.0	18.5	2.07	60	+	+	+
Woodruff	do	14.0	29.0	1.58	72	+	+	+
Midvale	Salt Lake	10.0	33.1	3.08	36	+	+	+
Castlerock	Summit	36.0	43.0	2.40	84	+	+	+
Henefer	do	24.0	54.0	4.97	84	+	+	+
Pine View	do	25.0	40.0	4.00	66	+	+	+
Government Creek	Tooele	12.0	33.5	3.35	36	+	+	+
Ibapah	do	7.0	19.0	1.65	42	+	+	+
Tooele	do	9.0	42.8	4.74	36	+	+	+
Elberta	Utah	12.0	33.0	2.73	36	+	+	+
Lehi	do	12.0	20.5	3.06	150	+	+	+
Payson	do	.....	44.0	3.93	.....	+	+	+
Provo	do	5.0	30.0	3.52	48	+	+	+
Santaquin	do	15.0	31.8	4.77	108	+	+	+
Spanish Fork	do	12.0	54.5	4.19	.....	+	+	+
Thistle	do	38.0	73.5	7.67	40	+	+	+
Snake Creek	Wasatch	42.0	78.8	6.77	108	+	+	+
Riverdale	Weber	8.0	18.0	1.78	.....	-	+	+
Sevier Lake Watershed.								
Beaver	Beaver	5.0	23.5	2.40	48	+	+	+
Minersville	do	6.0	17.5	2.62	36	+	+	+
Nada	do	3.0	26.8	3.03	23	+	+	+
Modena	Iron	3.5	21.1	3.47	5	+	+	+
Parowan	do	9.0	.....	2.76	54	+	+	+
Levan	Juab	23.0	46.6	5.01	.....	+	+	+
Mills	do	12.0	20.0	2.12	30	+	+	+
Black Rock	Millard	2.0	14.5	1.25	30	+	+	+
Fillmore	do	.....	28.0	2.33	.....	+	+	+
Kanosh	do	7.0	.....	2.01	36	+	+	+
Scipio	do	.....	40.0	4.17	96	+	+	+
Whiskey Creek	do	.....	9.5	1.89	.....	-	+	+
Manti	Sanpete	8.9	32.6	2.43	72	+	+	+
Moroni	do	26.4	37.3	4.59	60	+	+	+
Utah Experiment Station	do	60.0	77.5	7.05	60	+	+	+
Joseph	Sevier	0	.....	1.11	54	+	+	+
Richfield	do	.....	13.5	1.30	72	+	+	+
Green and Colorado Rivers Watershed.								
Scofield	Carbon	.....	75.0	3.38	60	+	+	+
Sunnyside	do	25.0	48.2	3.90	72	+	+	+
Duchesne	Duchesne	24.0	28.0	2.17	72	+	+	+
Myton	do	18.0	26.4	2.03	84	+	+	+
Hayden	do	18.0	29.7	2.38	48	+	+	+
Emery	Emery	24.0	25.0	2.50	84	+	+	+
Moab	Grand	.....	26.0	3.52	.....	+	+	+
Hatch	Garfield	16.0	29.0	3.71	42	+	+	+
Tropic	do	.....	50.0	4.92	42	+	+	+
Alton	Kane	50.0	84.9	8.38	10	+	+	+
Ft. Duchesne	Uinta	16.0	21.4	2.01	72	+	+	+
Manila	do	4.0	10.3	1.00	36	+	+	+
Teasdale	Wayne	8.0	11.0	0.93	48	+	+	+
Enterprise	Washington	9.0	40.0	4.77	54	+	+	+
Hurricane	do	2.0	4.0	3.85	48	+	+	+
New Harmony	do	26.0	40.0	9.02	.....	+	+	+
Pinto	do	.....	.....	3.59	18	+	+	+

\+ indicates more; − indicates less, and * indicates average.

DEPTH OF SNOW IN INCHES ON NATIONAL FORESTS.

National Forest.	Drainage Basin.	Sub-Basin.	Number of Stake	Depth at Stakes
Ashley			77	16
do			78	22
do			79	26
do	Green River	East Beaver Creek	80	16
do	do	do	81	19
do	do	Center Beaver Creek	82	21
do	do	Brush Creek	83	..
do	do	do	84	..
do	do	do	85	..
do	do	Ashley Creek	86	..
do	do	do	87	..
do	do	do	88	..
do	do	Uinta River	89	..
do	do	do	90	..
do	do	do	91	..
do	Duchesne	Dry Gulch	92	..
do	do	Yellowstone Creek	93	..
do	do	Lake Fork	94	..
Uinta	do	Duchesne	97	35
Cache	Bear Lake	Middle Sink	1	87
do	do	Left Hand Fork Garden City Canyon	2	78
do	Logan	Spring Hollow	3	52
do	do	do	4	80
do	do	do	5	94
Fillmore	Beaver	B. R. P. Co's. Plant	6	30
do	do	Little Reservoir	7	40
do	do	Chas. White's Pasture	8	36
do	do	Half Mile East No. 7	9	46
do	do	Half Mile East No. 8	10	38
do	Sevier	Clear Creek	11	18
do	do	do	12	21
do	do	do	13	12
do	do	do	14	18
do	do	do	15	21
do	do	Deer Creek	16	28
do	do	do	17	27
do	do	do	18	34
do	do	do	20	41
do	do	Corn Creek	19	35
do	White Horse	Bowen Canyon	21	..
do	do	do	22	..
do	do	do	23	..
do	do	do	24	..
do	do	do	25	..
La Sal	Grand		26	30
do	do		27	35
do	do		28	36
do	do		29	..
do	do		30	31
do	do		31	35
do	do		32	51
do	do		33	50
do	Colorado River	N. Montezuma Creek	34	40
do	do	do	36	52
do	do	Pole Creek	35	48
do	Grand		37	40
do	do		38	42
do	do		39	45
Sevier	Sevier		48	23
do	Parowan	Center Creek	49	20
do	Sevier		50	36
do		Summit between Sevier & Rio Virgin	51	48
do		Summit between Sevier & Tropic	52	16
do	Sevier		53	33
Uinta	Salt Creek Can		54	36
do	do		55	24
do	do		56	36
do	do		57	36
do	Strawberry	Bryant's Fork	58	50
do	do	do	59	50
do	do	do	60	70
do	do	do	61	70
do	Duchesne River	Indian Canyon	62	60
do	do	do	63	54
do	Price River	Willow Creek	64	48
do	Provo River	Daniels Creek	65	60
do	do	do	66	60
do	do	do	67	60
do	do	do	68	60
Wasatch	Bear River	Mill Creek	69	42
do	do	do	70	42
do	Utah Lake	American Fork	71	..
do	do	do	72	..
do	Weber River	Beaver Creek	73	54
do	do	do	74	55
do	Green River	Middle Black Fork	75	31
do	do	do	76	31

Total Precipitation, Inches, January, 1916.



U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

FEBRUARY, 1916

BY

ALFRED H. THIESSEN

SECTION DIRECTOR

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
MARCH 21, 1916

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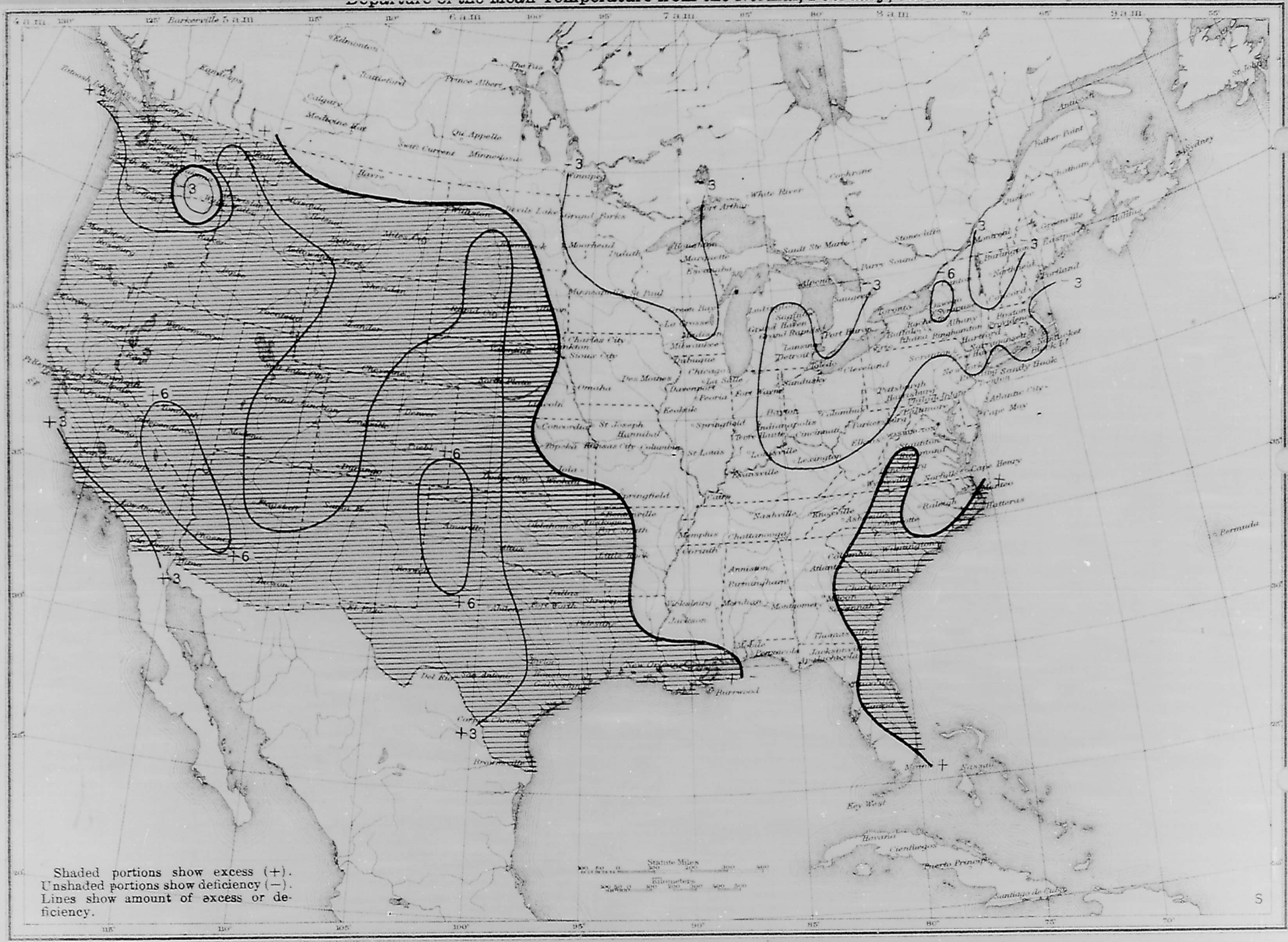
Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVIII. SALT LAKE CITY, UTAH, FEBRUARY, 1916. No. 2.

GENERAL SUMMARY.

February was an unusually mild and pleasant month. The temperature averaged above normal, but not quite so high as that of February a year ago. The precipitation averaged nearly normal, and much less than that of the same month, 1915. The weather was so favorable that some plowing was done in the southeastern part of the State. The snow cover at the end of January was quite heavy, and stock was being fed generally; but the warm days of February melted much of the snow, especially at the lower levels, thus affording plenty of range for sheep, which was timely as feed was becoming scarce. Although melting was general the creeks did not rise, the water soaking into the ground as the snow melted. This was due to the relatively dry condition of the soil due to a very dry preceding summer and fall. There were an unusual number of foggy days during the month.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.15 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.68 inches at Modena on the 1st.

The lowest was 29.57 inches at Salt Lake City on the 29th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 77 stations was 31.0°, which is 1.4° above the normal. The local means ranged from 5.2° at Castle Dale to 48.2° at Springdale. Of those stations having ten years or more of record, 8 reported monthly means below normal, and the remaining above. The greatest plus departure was 7.3° at Beaver, whose mean was 38.3°; and the greatest minus departure was 21.9° at Castle Dale, whose mean was 5.2°. The minimum temperatures for the month were nearly all recorded on the 1st, the lowest being —36° at Fort Duchesne. The maximum temperatures were recorded at various dates from the 6th to the last day of the month, the highest being 80° on the 9th at Black Rock.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 80 per cent, and at 6 p. m. 76 per cent. At Modena at 6 a. m. it was 83 per cent, and at 6 p. m. 54 per cent.

PRECIPITATION.

The precipitation for the State averaged 1.21 inches, which is 0.06 inch below normal. The largest local amount was 6.17 inches at Silver Lake, while three stations reported only traces. Of 36 stations having normals only 9 reported amounts above, while 27 reported amounts below normal. There were two rainy periods, from the 1st to the 7th and from the 22d to the end of the month. The heaviest 24-hour amount was 1.85 inches at Tremonton on the 4th. The snowfall, especially at the higher elevations, was good. At the end of the month reports from the most reliable sources showed that in almost every instance the snow was drifted and frozen, and therefore in good condition for late melting.

WIND.

The prevailing direction of the wind for the State was from the southwest. The average velocity at Salt Lake City was 5.5 miles per hour; the highest 36 miles per hour from the northwest on the 27th; and the prevailing direction from the northwest. At Modena the average velocity was 8.4 miles per hour; the highest 40 miles per hour from the southwest on the 27th; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 37 at Salt Lake City, and 79 at Modena.

For the State the average number of clear days was 13; partly cloudy, 7; and cloudy, 9.

CORRECTIONS.

December, 1915: Blanding, monthly mean temperature should be 29.8°.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891										
1892	32.4	73	—34	0.77	4.6	4				
1893	26.6	70	—32	1.35	13.0	7	10	8	10	nw.
1894	20.9	68	—34	1.11	11.9					
1895	25.5	74	—33	1.25	10.0	4	16	6	6	sw.
1896	31.0	74	—16	0.46	3.0	2	17	6	6	n.
1897	27.0	63	—21	2.35	19.0	9	8	9	11	sw.
1898	29.1	79	—21	0.47	3.1	2	15	8	5	sw.
1899	28.8	77	—50	1.73	15.7	7	12	8	8	sw.
1900	32.2	73	—24	0.57	5.1	4	12	9	7	sw.
1901	31.0	75	—26	1.90	13.5	9	8	7	13	sw.
1902	34.1	74	—20	0.87	4.6	4	10	9	9	s.
1903	16.6	67	—39	0.75	7.4	4	17	5	6	n.
1904	34.2	89	—26	1.53	9.5	6	10	9	10	s.
1905	30.5	73	—35	1.67	8.6	7	11	7	10	n.
1906	33.7	84	—15	0.88	5.6	5	9	7	12	sw.
1907	40.4	86	— 3	1.95	5.6	8	14	5	9	sw.
1908	31.2	80	—34	1.16	9.0	5	12	8	9	n.
1909	29.5	67	—32	2.15	18.6	7	9	8	11	s.
1910	27.8	73	—27	1.12	11.8	6	9	9	10	n.
1911	23.7	69	—30	1.42	13.6	7	10	8	10	n.
1912	33.3	84	—22	0.72	6.0	4	11	10	8	n.
1913	27.6	67	—31	1.36	14.4	6	11	8	9	n.
1914	29.6	70	—22	0.92	3.5	5	12	8	8	n.
1915	32.1	68	—20	2.04	12.6	8	9	7	12	s.
1916	31.0	80	—36	1.21	10.6	6	13	7	9	sw.

STORM OF JANUARY 27-28TH IN UTAH.

A storm of very unusual severity passed over Utah on the night of January 27-28th, 1916. This storm is deserving of special notice owing to the very low barometer observed and to the damage done. The lowest station pressure at Salt Lake City occurred at 10 p. m. on the 27th and was 24.63 inches, which reduced to sea level is 28.96 inches; the lowest previous sea level reading being 29.18 inches in March, 1904, and in November, 1905. At Modena the lowest station pressure occurred at 8:15 p. m. of the 27th and was 23.7 inches, which reduced to sea level was 28.91 inches, the lowest on record for that station.

Winds became very heavy at Salt Lake City and at Modena at about 8 p. m. and continued through the evening of the next day. At Modena the highest velocity for a 5-minute period was 74 miles from the south between 8 and 9 p. m. of the 27th. Considerable damage was done by these heavy winds at Cedar City, St. George, Enterprise and other towns in the southwestern portion of the State. This damage consisted in the unroofing of houses and barns and the carrying away of outbuildings.

Climatological data for February, 1916.

Stations	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	7,000	1	33.1	+ 5.9	59	24	− 5	1	38	1.48	−1 32	0.35	6.5	6	14	10	5	s.	Wm. M. Cox.
Beaver	Beaver	6,000	11	[b]38.3	+ 7.3	64[b]	21†	− 2[b]	1	44[b]	0.94	−0.17	0.35	8.0	4	15	8	6	.....	S. Z. Jenkins.
Black Rock	Millard	4,872	11	42.4	+11.3	80	9	4	1	48	0.30	−0.71	0.20	3.0	2	15	9	5	0	Agent Salt Lake Route.
Blanding	San Juan	6,000	8	35.6	.....	55	10†	− 6	1	27	0 60	.....	0.30	.....	3	19	2	8	sw.	E. F. Thompson.
Bluff	San Juan	4,200	3	40.2	.....	64	27	7	1	41	0.05	.....	0.03	T.	2	22	0	7	.....	Perry A. Clark.
Brigham City	Boxelder	4,305	3	32.1	.....	49	10	11	15	32	2.79	.....	0.55	17.7	13	.....	.....	.....	.....	N. Merrell Valentine.
Burrville	Sevier	6,800	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. R. Curtis.
Castle Dale	Emery	5,500	16	5.2	−21.9	31	17	−14	1†	44	0.55	−0.24	0.25	.....	3	.....	.....	.....	.....	Miss Zel'a Jeffs.
Cedar City	Iron	5,750	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Parley Dalley.
Center ...‡‡	Tooele	4,250	4	28.0	.....	50	12†	−10	1	45	0.55	.....	0.25	.....	5	16	4	9	s.	L. C. Peterson.
Corinne	Boxelder	4,240	45	28.8	− 1.2	45	9	− 2	1	28	1.41	+0.18	0.56	11.5	5	8	4	17	0	A. C. Murphy.
Deseret	Millard	4,541	20	35.8	+ 4.6	59	11	− 1	1†	34	0.33	−0.47	0.17	T.	2	14	0	15	n.	S. W. Western.
Duchesne	Duchesne	5,515	8	12.8	.....	44	6†	−32	1	49	0.50	.....	0.23	5.1	4	8	13	8	.....	M. M. Smith.
East Portal....‡‡	Wasatch	7,606	3	.....	.....	36	.....	−21	.....	.....	3.96	.....	.....	44.0	.....	.....	.....	.....	.....	Reclamation Service.
Elberta	Utah	4,650	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. Walkey.
Emery	Emery	6,200	14	28.4	− 2.1	52	10	−12	2	45	0.09	−0.64	0.09	3.0	1	.....	.....	.....	sw.	H. C. Wickman.
Farmington	Davis	4,268	14	35.1	+ 2.1	50	11†	12	1	30	1.57	−0.85	0.31	11.7	8	11	5	13	sw.	Chas. Boylin.
Fillmore	Millard	5,100	23	37.0	+ 3.0	60	7†	6	1†	34	1.12	−0 37	0.50	9.0	5	.....	.....	.....	.....	I. J. Starley.
Ft. Duchesne	Uinta	4,941	27	9.9	− 9.3	40	9†	−36	1	36	0.56	+0.08	0.24	8.0	6	16	2	11	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5	.....	.....	.....	.....	.....	.....	.....	1.74	.....	.....	21.5	.....	.....	.....	.....	.....	J. E. L. Carey.
Garland	Boxelder	4,248	3	[a]26.8	.....	42[a]	10†	2[a]	27	29[b]	2.98	.....	0.69	21.0	12	19	3	16	0	J. T. Roberts.
Garrison	Millard	4,850	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jas. F. Robison.
Government Creek .‡‡	Tooele	5,277	14	33.2	+ 2.5	50	11	5	1	29	0.47	−0.89	0.18	3.1	8	19	3	7	n-s.	Walter James.
Green River	Emery	4,080	15	28.4	− 6.5	57	23	−17	1	38	0.07	−0.48	0.03	0.1	3	14	12	3	sw.	E. E. Adams.
Hanksville	Wayne	4,200	4	33.8	.....	62	27	0	1†	40	0.50	.....	0.50	.....	1	23	3	3	sw.	F. J. Weber.
Heber	Wasatch	5,593	22	25.5	+ 1.5	50	9†	−20	1	40	1.95	−0.06	0.60	33.5	10	13	5	11	s.	John Crook.
Henefer	Summit	5,301	15	26.4	+ 0.2	50	9	−13	1	46	2.03	−0.28	0.49	18.5	12	13	7	9	nw.	Wm. Brewer.
Ibapah	Tooele	7,500	10	33.2	.....	55	11†	− 6	1	44	0.36	.....	0 18	4.5	4	14	10	5	0	W. M. Chastain.
Iosepa	Tooele	4,356	4	31.5	.....	48	16†	9	1	27	1.06	.....	0.39	.....	6	24	5	0	n.	James K. Halemann.
Kanab	Kane	4,925	7	40.0	.....	64	25	− 5	1	40	0.94	.....	0.29	1.0	6	.....	.....	.....	.....	D. D. Rust.
Kelton	Boxelder	4,230	35	23.7	− 5.7	43	11	− 7	1	33	1.46	+0.80	0.40	14.6	8	5	8	16	0	F. W. Klock.
La Sal	San Juan	7,000	12	31.2	+ 2.7	49	9†	−10	1	27	0.77	−0.32	0.36	7.0	4	13	14	2	0	La Sal Live Stock Co.
Leeds (near)....‡‡	Washington	3,400	3	40.4	.....	66	24	5	1	26	0.64	.....	0.42	.....	2	22	0	7	.....	B. F. Anderson.
Lehi	Utah	4,550	2	[g]34.8	.....	53[g]	19	1[f]	1	41[g]	1.84	.....	0.40	.....	7	11	7[e]	5	0	Joseph Anderson.
Lemay .....‡‡.....	Boxelder	4,221	4	30.0	.....	45	7†	8	28	23	0.59	.....	0.25	5.0	5	6	6	17	0	E. J. Ineck.
Levan	Juab	5,010	25	32.5	+ 3.9	50	9	3	1	31	0.99	−0.55	0.25	7.9	7	9	13	7	.....	John C. Jensen.
Logan	Cache	4,507	24	30.7	+ 4.2	50	10	4	13	31	2.52	+1.23	0 50	24.0	8	15	6	8	.....	Experiment Station.
Low ....‡‡	Tooele	4,602	4	28.9	.....	45	9	15	1	21	0.20	.....	0.10	2.0	3	7	3	19	0	Agt. Western Pacific Co.
Lower American Fork..‡‡	Utah	5,063	1	37.2	.....	57	11	6	1	30	1.00	.....	0.33	4.7	10	15	3	11	0	W. S. Greenwood.
Lower Mill Creek...‡‡	Salt Lake	4,959	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. Folker.
Lucin	Boxelder	4,504	8	27.0	.....	52	10	4	1†	30	1.18	.....	0.50	9.5	7	9	8	12	.....	E. C. Puryear.
Manila	Uinta	6,225	5	24.4	.....	50	7	−10	1	35	T.	.....	T.	T.	0	12	17	0	.. ..	D. M. Nelson.
Manti	Sanpete	5,575	20	30.8	+ 2.5	55	9	− 8	1	32	1.17	−0.16	0.22	7.4	8	13[a]	2[a]	13[a]	.....	J. M. Anderson.
Marysvale	Piute	6,180	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. Soyka.
Meadowville....‡‡	Rich	6,200	14	23.2	+ 1.4	49	10	− 8	28	32	1.30	.....	0.27	25.0	9	14	4	11	s.	J. S. Moniat.
Midlake....‡‡	Boxelder	4,235	4	31.4	.....	44	9†	17	1	22	0.80	.....	0.30	8.0	5	3	8	18	0	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	36.2	.....	57	9	9	1	34	1.00	.....	0.23	6.5	7	8	6	15	s.	E. D. Camomile.
Milford	Beaver	4,962	7	37.6	.....	63	11	− 6	1	37	0.76	.....	0.35	5.0	4	10	12	7	n.	Delta Land & Water Co.
Moab	Grand	4,000	25	35.7	− 0.7	60	27	2	1	34	0.45	−0.22	0.22	2.0	4	9	16	4	.....	Henry Crouse.
Modena	Iron	5,479	14	36.1	+ 4.3	59	11	− 8	1	36	0.52	−0.73	0.26	0.3	5	12	13	4	sw.	U. S. Weather Bureau.
Monticello	San Juan	7,050	7	30.6	.....	52	19†	−11	1	32	0.47	.....	0 27	.....	3	22	7	0	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	30.8	+ 4.4	53	11	− 3	1	36	1.35	−0.99	0.35	16.5	9	12	5	12	0	Dasi Smith.
Moroni	Sanpete	6,000	7	33.0	.....	53	9	− 4	1	31	1.89	.....	0.40	8.0	9	14	1	14	.....	B. F. Eliason.
Mosida	Utah	4,510	3	32.7	.....	50	18†	− 7	1	35	1.93	.....	1.40	.....	4	13	10	6	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Oscar Wilkins.
Nephi (near)	Juab	5,119	10	.....	.....	.....	.....	.....	.....	.....	1.75	.....	1.00	.....	3	.....	.....	.....	.....	J. W. Jones.
Oak City	Millard	4,900	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jos. L. Anderson.
Ogden	Weber	4,310	44	34.9	+ 1.8	58	9	11	2	30	3.21	+1.63	0.70	.....	9	14	5	10	.....	Ralph Shorten.
Panguitch	Garfield	6,560	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. L. Strembel.
Park City	Summit	7,000	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parowan	Iron	5,970	24	38.0	+ 6.4	62	20	5	2	40	1.07	−0.27	0.50	1.0	5	14	10	5	.....	Alex Matheson.
Pasadena Ranch‡‡	Iron	5,131	1	.....	.....	.....	.....	.....	.....	.....	1.20	.....	0.50	4.0	4	12	14	3	sw.	W. S. Hall.
Pine View ....‡‡	Summit	6,335	3	[i]25.3	.....	50[i]	15†	−12[i]	1	49[i]	0.50	.....	0.20	5.0	3	.....	.....	.....	.....	Granville Deming.
Pinto	Washington	5,907	17	34.9	+ 4.7	58	11†	−13	1	44	1.35	−0.08	0.75	0.8	5	15	10	4	n.	J. H. Harrison.
Price	Carbon	5,557	4	23.0	.....	45	6	−18	1	41	0.04	.....	0.04	.....	1	16	8	5	.....	Wa ter Bass.
Provo	Utah	4,532	21	35.8	+ 4.2	57	9†	0	1	33	2.33	+0.83	0.78	5.0	8	12	5	12	.....	Reclamation Service.
Richfield	Sevier	5,350	21	37.2	+ 6.7	63	10	4	1	43	0.72	−0.12	0.30	.....	4	21	3	5	ne.	Simon Christensen.
Riverdale ....‡‡	Weber	4,310	2	34.2	.....	55	9	9	1	24	2.15	.....	0.40	8.0	11	11	7	11	s.	Eugene Bone.
St. George	Washington	2,880	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ray Smith.
Saltair	Salt Lake	4,220	11	32.8	− 0.1	45	27	16	1	13	1.43	+0.28	0.48	6.4	12	.....	.....	.....	.....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	41	36.0	+ 3.0	55	9	13	1	24	1.18	−0.26	0.50	6.5	8	7	4	18	nw.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	36.8	.....	59	11	4	1	32	1.27	.....	0.61	4.0	5	16	3	10	.....	Wm. Broadbent.
Scipio	Millard	5,260	20	34.6	.....	65	9	−13	1	46	2.08	+0.35	0.52	12.0	9	15	1	13	sw.	Thos. Memmott.
Scofield	Carbon	7,625	6	21.5	.....	46	9†	−14	1	51	1.49	.....	0.72	26.5	8	17	5	7	s.	B. Newren.
Snake Creek....‡‡	Wasatch	5,950	2	27.8	.....	52	10	−13	1	34	3.82	.....	0.97	43.1	11	12	9	8	0	J. W. Orrock.
Snowville	Boxelder	.....	2	25.8	− 1.9	48	21	− 4	28	43	2.46	.....	0.56	27.0	7	6	3	20	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	6	36.9	.....	56	9†	3	1	31	1.43	.....	0.33	7.0	6	15	4	10	.....	W. P. Shippee.
Springdale	Washington	3,500	7	48.2	.....	71	16†	13	1	37	0.87	.....	0.62	.....	3	18	7	4	.....	F. D. Gifford.
Standrod	Boxelder	6,000	10	33.1	.....	52	10	8	1	26	1.07	.....	0.31	15.9	11	14	6	9	sw.	T. B. Jones.
Teasdale	Wayne	7,000	6	29.4	+ 1.3	52	12	−12	1	45	T.	−0.79	T.	.....	0	7	15	7	w.	Henry Cullum.
Thistle	Utah	5,075	21	28.0	− 1.7	57	18	− 8	13	54	2.26	+0.60	0.80	19.7	7	16	4	9	.....	John I. Hayes.
Thompsons	Grand	5,150	3	26.1	.....	44	28	− 8	1	33	T.	.....	T.	T	0	23	5	1	0	J. F. Geeslin.
Tooele	Tooele	4,900	19	33.9	+ 1.2	55	7	3	1	30	1.02	−0.32	0.42	8.7	7	4	6	19	sw.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	27.8	.....	45	10	− 4	1	29	4.13	.....	1.85	36.5	10	9	3	17	n.	A. I. Rosa.
Tropic	Garfield	7,000	18	33.8	+ 3.4	59	20	−13	2	43	0.39	−0.44	0.17	.....	3	11	11	7	nw.	E. P. Bolton.
University of Utah‡‡	Salt Lake	4,500	2	[m]34.4	.....	50[m]	18	20[m]	28	23[m]	1.47	.....	0.52	.....	5	1[m]	8[m]	7[m]	.....	Jos. F. Merrill.
Utah Exp. Station‡‡	Sanpete	8,700	1	26.6	.....	49	13	−14	1	33	2.72	.....	0.78	31.0	10	12	7	10	w.	Forest Service.
Vernal	Uinta	5,060	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. S. M. Logan.
Watson (near)....‡‡	Uinta	6,210	5	21.9	.....	47	7†	−14	1	32	0.22	.....	0.10	.....	3	22	0	7	s.	Homer D. Ford.
Wendover	Tooele	4,237	4	31.8	.....	55	7	3	1	35	0.17	.....	0.10	.....	2	7	5	17	e.	J. S. Cooper.
Woodruff	Rich	6,500	12	18.8	+ 1.3	44	7	−23	1	39	0.66	−0.24	0.29	6.1	6	14	7	8	.....	O. J. Call.
Woodside	Emery	4,645	4	23.6	.....	56	22	−18	1†	49	0.25	.....	0.10	2.5	3	.....	.....	.....	.....	Frank Groussman.
For the State	.....	.....	....	31.0	+ 1.4	80	9	−36	1	54	1.21	−0.06	1.85	10.6	6	13	7	9	sw.	
.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing: for example, [c] represents three days missing, etc.

‡‡ Post office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Kanarra; of Lemay, Lucin; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily precipitation for February, 1916.

Stations.	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	
Alpine			.30	.20		.10																.50				.30	.20		.10			1.70
Alton (C)																																
Beaver				T.																	.10					.24		.25	.35			0.94
Beaver Creek Nursery																																
Belknap Ranger Station‡																											.09					0.09
Benmore			.10	.15																		.02				.04	.31		.10			0.72
Big Plains (C)																																
Black Rock																												.20	.10			0.30
Blanding (C)																						.20				T.	T.	.10	.30			0.60
Bluff (C)																						.02				T.	T.	.03	T.			0.05
Brigham City	.02	.06	.17	.40	.22	.11	.18	.01	.13														.16				.63	.55	.15			2.79
Burrville																																
Canaan (C)					.01																.30					.19		.40	.06			0.96
Castle Dale (C)																																
Castle Rock		.10	.35	.40	.30	.10	.05		.10												.10					.05	.55		.15			2.25
Cedar City																																
Cedar Fort																																
Center	T.	T.	T.	T.	.25	.05																.10				T.	.10		.05			0.55
Clarkston				.40																					.30							0.70
Corinne	T.	.28	.56	T.																		T.					.35	.05	.17			1.41
Cottonwood Nursery																																
Deep Creek																										.12	.39		.05			0.56
Deseret																					.16					.17						0.33
Duchesne (C)		T.	T.	.13	T.				T.													.05				T.	.09	.23	T.			0.50
East Portal (C)																																‡3.96
Elberta			T.																			.25						.16	.20			0.61
Elkhorn (C)																																
Emery‡ (C)		.09																								T.	T.					0.09
Enterprise																											.60	.05	.02			0.67
Erekson				.20	.29	.02																	.10			.12	.10					0.83
Farmington		.11	.20	T.	.31	.15	T.	T.														.15				.09	.31	T.	.25			1.57
Fillmore				T.	T.	T.																.10				.15	.09	.50	.28			1.12
Ft. Duchesne (C)			.05						.02													.06			.03			.24	.16			0.56
Fruitland (C)				*	*	*	*	*	1.22													.11				*	*	.41				1.74
Garland	T.	.41	.69	.44	.02	.43		.12	.01													.06				.54	.20	.03	.03			2.98
Garrison																																
Government Creek			.03	T.	.05	.01																	.02			.05	.10	.18	.03			0.47
Grantsville			.03		.09	.08																.17				.07	.31		.05			0.80
Green River (C)					.01																					.03			.03			0.07
Grouse Creek																																
Hanksville (C)																																
Hatch																												.50				0.50
Hayden (C)		T.	.09	T.	.05				.03												.02					.22	.12	.06	.08			0.50
Heber	T.	.10	.60		.50	.05		T.	.05													.07	T.			*	.15		T.			0.39
Henefer		.18	.20	.24	.29	.05	.04	.05	.05		T.											.05	.05			.20	.25		.10			1.95
High Line City Creek	T.	.07	.41	.20	.50	.50		.14														.05				.20	.49		.19			2.03
Howell																						.19				.09	.67		.27			3.04
Hurricane (C)																																
Ibapah					.05																.51					.10		.21				0.82
Indian Farm			.07		.23	.01																.09				.09	.18	.04				0.36
Iosepa				.11	39	T.																.35				11	.29		T.			1.06
Joseph																					.15	T.				.10	T.	.27	.04			1.06
Jozel a Ranch																						.17				T.	.22		.06			0.45
Junction																				.05						.02	*	.40	.10			0.57
Kanab (C)					.06																					*	*	*	.70			0.70
Kanosh																					.07					.23	.13	.29	.16			0.94
Kelton	T.	.20	.20	.40	T.	T.		.01													.27					.18		.64	.45			1.54
Lake View Farm			.56	T.	.22	T.																.05					.30	.10	.20			1.46
La Sal (C)					.36																	.07				T.	.60		.35			1.80
Leeds, (near) (C)																						.06					.05	.30				0.77
Lehi			.35		.35		.09															.42						.22				0.64
Lemay		.05				.25																	.40			.30		.20	.15			1.84
Levan			.14	T.	.18	.01																.08				.12	.09					0.59
Logan	T.	.38	.16	.17	T.	.50	T.	.20														.18	T.			.18		.25	.05			0.99
Lone Tree (C)			.11		.10				T.																	.48	.31	.42				2.62
Low			.05	.05																		T.	.21					.35				0.77
Lower American Fork	.07			.03	.30	.14	.11														.10											0.20
Lower Mill Creek																						.33	.10				.27	.05	.20			1.60
Lucin		.05	.06	.05		.50																										
Manila (C)																						.02				.20	.30					1.18
Manti			.22	.18	.10	T.																					T.					T.
Marysvale																						.03				.11	.17	.16	.20			1.17
Meadowville				55			.20																						.55			1.30
Midlake	.10		.30	.10																												
Midvale	.08	T.		T.	.14	T.	T.															.18	.10			T.	.20		.10			0.80
Milford					T.																T.					.08	.07	.23	.20			1.00
Mills																											.19	.35	.14			0.76
Millville	T.	.42	.38	.26	.31	.31	T.	T.	.16													.09				.40	.62		.52			3.47
Minersville																					.02					.03	.02	.38	.50			0.95
Moab (C)				T.	T.																	.14				T.	.22	.02	.07			0.45
Modena ***																					.11			T.		.13	.25	.01	.02			0.52
Monticello (C)																											.10	.10	.27			0.47
Monticello Ranger Sta. (C)																											.55		.33			0.88
Morgan		.08	.35	.08	.15	.20	.10		T.													T.	T.				.03	.18	.18			1.35
Moroni	T.		.37	.06	.21	.23		T.														.11				.17	.40	.13	.21			1.89
Mosida	1.40																					.25				.09	.19					1.93
Mountain Home‡ (C)																																
Myton (C)			T.		.06																T.	.10			T.	T.	T.	.10				0.26
Nada																										.08	.03	.36	.06			0.53
Nephi (near)		1.00										.25																.50				1.75
New Castle																					.05					.10	.26	.15	.17			0.73
New Harmony (C)																												.10				0.10
Oak City																																
Ogden		.24	.40	.44	.38		.45		.07														.21				.70		.32			3.21
Orderville (C)					.02																.09	.04				.27	.12	.57	.03			1.14
Panguitch																																
Park City																																
Park Valley (near)	.06	.28	.09	.28		T.																.06				.18	.06					1.01
Parowan					.05																.12					.12	.28	.50				1.07
Pasadena Ranch																					.10						.40	.50	.20			1.20
Payson			.33	.05																		.21	.05			.16	.20	.06	.06			1.12
Pine Valley (C)																																
Pine View				.20	.20																	.10										0.50
Pinto (C)																						.08				.11	.26	.75	.15			1.35
Price (C)																					.04											0.04

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Daily temperatures for February, 1916.

Stations.		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	Mean
Blanding	Maximum	17	22	33	39	41	45	47	45	51	55	50	48	45	48	54	55	53	55	55	48	52	47	50	50	55	45	50	44	44	.....	.....	46.3
	Minimum	− 6	0	10	16	29	22	26	28	32	30	31	26	24	25	27	28	28	30	27	27	31	30	28	31	28	30	32	31	22	.....	.....	24.9
Corinne	Maximum	21	33	35	37	40	38	43	40	45	43	43	40	38	36	35	36	38	39	38	39	34	35	37	38	33	35	33	36	33	.....	.....	36.9
	Minimum	− 2	16	25	28	30	32	31	30	25	26	15	20	25	9	13	15	23	14	17	14	21	26	29	23	21	15	19	15	22	.....	.....	20.6
Deseret	Maximum	28	29	39	41	46	47	55	54	58	56	59	45	50	50	51	53	50	43	50	53	52	55	56	53	45	50	55	43	35	.....	.....	48.3
	Minimum	− 1	− 1	22	21	29	29	30	27	33	30	31	24	16	20	21	21	21	27	23	25	26	31	22	27	24	20	22	27	28	.....	.....	23.3
Duchesne	Maximum	6	4	16	22	25	44	42	44	33	30	30	40	24	27	26	29	26	31	29	27	28	29	26	28	25	25	32	35	25	.....	.....	28.0
	Minimum	−32	−26	− 6	−13	12	− 5	10	15	22	8	3	0	− 8	− 8	− 8	− 8	−10	− 5	− 7	− 4	− 5	6	6	3	4	− 4	3	2	− 1	.....	.....	− 2.3
Elberta	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Emery	Maximum	21	20	22	29	35	48	41	50	51	52	51	46	45	49	48	49	48	46	49	45	50	47	47	48	40	50	46	42	46	.....	.....	43.5
	Minimum	−11	−12	0	− 7	20	14	13	11	25	30	28	15	0	5	14	11	13	14	12	14	17	26	19	21	16	19	23	22	15	.....	.....	13.3
Fillmore	Maximum	30	40	46	42	50	52	60	56	60	54	60	47	50	51	53	55	51	41	52	55	45	50	56	50	40	46	41	39	37	.....	.....	48.6
	Minimum	6	6	30	25	32	30	32	30	34	32	34	24	24	23	24	25	25	23	21	23	25	32	27	28	24	28	26	23	21	.....	.....	25.4
Ft. Duchesne	Maximum	− 1	2	14	15	27	23	28	33	40	30	26	22	22	18	20	18	17	18	24	23	22	33	34	32	28	22	33	40	33	.....	.....	24.0
	Minimum	−36	−31	− 5	−12	6	− 8	− 3	− 3	9	13	3	− 1	− 9	−16	−15	−15	−13	−12	− 9	−13	−12	1	11	9	3	− 2	15	19	5	.....	.....	− 4.2
Fruitland	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Government Creek	Maximum	21	31	35	35	38	41	46	47	47	48	50	41	44	45	47	49	48	48	47	44	40	45	49	44	34	36	48	37	33	.....	.....	42.0
	Minimum	5	11	30	23	30	31	37	29	35	36	35	27	17	19	22	23	23	19	21	22	22	29	25	23	21	27	29	10	23	.....	.....	24.3
Green River	Maximum	16	23	29	22	37	31	36	36	44	40	42	42	37	38	40	42	43	43	46	47	43	52	57	53	53	48	53	54	50	.....	.....	41.3
	Minimum	−17	−15	4	− 6	20	15	10	10	16	14	17	12	9	8	11	15	15	18	19	21	24	33	27	29	26	28	29	31	26	.....	.....	15.5
Henefer	Maximum	21	29	39	40	44	43	47	43	50	45	48	37	32	39	39	38	39	42	39	42	41	39	49	44	41	34	46	40	37	.....	.....	40.2
	Minimum	−13	−10	25	28	30	31	28	27	36	20	21	9	− 3	− 7	4	2	3	8	4	5	6	17	22	10	5	12	24	18	17	.....	.....	12.7
Ibapah	Maximum	20	43	41	39	45	49	49	47	49	48	55	43	48	53	53	54	47	49	55	55	41	53	52	47	40	47	49	36	37	.....	.....	46.3
	Minimum	− 6	− 1	23	18	15	22	27	27	32	29	31	20	16	22	20	22	21	20	21	21	22	31	21	23	13	24	24	4	23	.....	.....	20.2
Kelton	Maximum	20	27	33	32	33	33	38	40	40	41	43	33	32	35	34	33	38	34	36	28	28	35	36	29	28	35	37	30	31	.....	.....	33.5
	Minimum	− 7	9	16	16	19	18	25	18	23	23	17	8	− 1	10	9	11	8	12	8	18	17	17	26	20	18	21	22	− 1	4	.....	.....	13.9
La Sal	Maximum	16	22	30	32	41	44	47	41	49	47	47	39	39	40	47	49	40	49	48	47	45	40	46	45	49	45	43	38	34	.....	.....	41.3
	Minimum	−10	− 3	13	15	27	18	23	28	29	26	27	19	17	16	20	23	20	25	24	20	25	29	24	25	23	25	31	28	21	.....	.....	21.0
Leeds (near) §§	Maximum	18	37	33	45	37	35	34	41	36	51	41	40	39	45	42	45	..	.....	.....	.....	57	58	61	66	65	55	57	45	45	.....	.....	[a]44.8
	Minimum	5	11	17	32	33	32	33	33	34	36	35	35	35	39	40	.....	.....	.....	.....	.....	38	54	58	48	41	48	41	46	46	.....	.....	[a]36.1
Lemay	Maximum	28	28	36	36	40	40	45	45	41	40	41	38	35	32	33	38	42	37	31	35	33	36	36	36	34	38	43	30	39	.....	.....	36.9
	Minimum	10	14	20	22	28	28	33	30	29	30	28	24	12	18	20	20	22	25	26	24	26	28	27	26	25	25	22	8	22	.....	.....	23.2
Levan	Maximum	20	28	40	40	41	44	45	47	50	48	49	49	42	39	40	44	41	45	49	48	45	44	41	44	39	39	48	36	32	.....	.....	42.0
	Minimum	3	4	24	26	32	28	23	30	33	27	27	18	12	16	19	19	21	20	25	25	26	33	26	24	25	27	32	22	21	.....	.....	23.0
Logan	Maximum	22	29	32	36	40	44	48	45	46	50	46	42	31	37	37	36	37	48	38	39	39	35	40	40	39	37	35	36	32	.....	.....	38.5
	Minimum	5	14	27	30	32	32	32	33	31	34	37	21	4	24	10	17	19	26	25	24	22	28	25	24	22	22	20	5	20	.....	.....	22.9
Low §§	Maximum	38	37	33	41	35	40	42	44	45	28	32	21	25	30	32	34	33	30	32	30	27	33	28	30	42	28	32	29	27	.....	.....	33.0
	Minimum	15	17	22	20	30	28	36	29	32	33	23	22	19	19	21	24	26	22	24	26	22	24	27	25	27	30	24	27	24	.....	.....	24.8
Lucin	Maximum	31	24	33	34	30	42	47	44	47	52	44	44	35	40	43	43	43	43	29	28	30	35	35	35	32	30	32	31	31	.....	.....	36.8
	Minimum	4	4	12	17	14	22	21	24	20	22	23	15	11	16	19	18	19	16	12	22	23	18	20	22	21	22	20	8	15	.....	.....	17.2
Manila	Maximum	10	30	29	30	40	41	50	42	42	41	49	39	38	36	36	34	35	40	33	32	40	43	44	45	40	30	40	30	38	.....	.....	37.1
	Minimum	−10	− 5	− 2	− 5	5	10	11	20	11	20	22	18	12	11	13	7	8	15	15	14	12	15	25	20	15	18	20	10	18	.....	.....	11.8
Manti	Maximum	18	25	42	42	45	49	47	48	55	45	47	43	38	43	44	44	46	45	46	45	46	45	46	45	47	44	42	48	38	.....	.....	43.0
	Minimum	− 8	− 4	16	23	27	27	19	28	28	20	15	18	10	16	14	17	16	18	21	20	22	28	21	22	18	22	28	22	16	.....	.....	18.6
Meadowville	Maximum	20	25	32	34	39	41	44	38	34	49	43	34	26	33	30	30	29	33	32	34	35	32	39	34	28	29	39	24	29	.....	.....	33.4
	Minimum	− 7	8	20	17	27	28	32	29	25	20	33	10	3	11	7	6	5	8	8	8	8	12	22	14	6	8	15	− 8	− 1	.....	.....	12.9
Milford	Maximum	27	37	42	43	46	49	55	57	56	55	63	50	56	52	53	57	55	52	57	60	50	57	53	54	47	47	52	39	39	.....	.....	50.3
	Minimum	− 6	0	25	25	30	34	33	31	33	32	31	22	20	22	23	22	22	22	24	28	32	33	29	23	26	36	24	26	.....	.....	.....	25.0
Moab	Maximum	24	26	31	31	41	42	44	45	50	47	49	49	49	47	47	51	50	52	53	51	49	51	57	58	58	58	60	56	57	.....	.....	47.7
	Minimum	2	4	15	12	24	21	24	25	29	26	26	25	22	20	22	23	22	23	33	22	25	35	27	28	24	26	29	36	37	.....	.....	23.7
Modena	Maximum	28	38	37	38	42	48	47	51	48	51	59	45	52	51	54	56	54	53	58	55	43	48	54	56	53	45	49	39	38	.....	.....	47.9
	Minimum	− 8	4	15	14	28	26	30	27	30	20	31	29	20	21	27	25	24	27	26	28	33	30	24	31	24	27	32	25	25	.....	.....	24.3
Monticello	Maximum	18	7	27	30	37	43	45	44	42	48	41	40	44	42	47	50	39	43	52	48	42	44	46	48	52	42	43	39	37	.....	.....	40.7
	Minimum	−11	− 5	7	19	25	18	21	24	29	29	25	23	15	16	26	24	22	26	25	22	24	25	21	24	20	24	26	28	20	.....	.....	20.4
Moroni	Maximum	21	26	38	37	42	43	49	47	53	52	51	41	43	50	45	48	47	50	51	51	48	46	42	49	45	39	45	38	31	.....	.....	43.7
	Minimum	− 4	3	24	27	30	25	24	28	33	27	27	17	12	21	19	21	21	20	24	24	26	32	25	24	21	26	32	21	15	.....	.....	22.4
Mosida	Maximum	23	30	37	40	45	42	47	46	48	47	49	45	42	41	44	46	48	50	49	48	46	48	45	42	41	39	50	37	36	.....	.....	43.1
	Minimum	− 7	− 5	26	29	23	30	25	30	24	25	29	21	18	19	21	19	20	21	20	19	20	21	28	24	24	26	34	33	29	.....	.....	22.3
Ogden §§	Maximum	25	36	39	40	42	46	50	46	58	54	50	49	40	45	47	47	46	50	46	42	45	36	44	44	42	42	39	42	38	.....	.....	43.8
	Minimum	13	11	24	31	31	33	35	30	33	34	34	23	19	23	26	27	26	29	27	25	25	25	30	26	25	27	21	17	25	.....	.....	26.0
Panguitch	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Park City	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pasadena Ranch	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parowan	Maximum	30	45	45	45	47	53	53	55	53	54	60	49	56	54	56	55	56	59	60	62	48	49	55	56	57	46	51	44	40	.....	.....	51.5
	Minimum	7	5	21	18	30	28	32	30	32	29	30	27	20	24	26	27	26	25	32	31	35	32	.....	26	25	25	23	25	11	.....	.....	[a]24.6
Pinto	Maximum	29	43	41	39	42	53	52	52	53	53	58	50	47	53	50	54	53	54	58	55	44	46	54	54	53	45	45	40	39	.....	.....	50.0
	Minimum	−13	1	23	24	29	23	25	25	24	24	29	20	14	14	14	20	14	20	23	24	24	29	19	19	24	25	34	11	11	.....	.....	19.8
Provo	Maximum	28	32	36	43	43	47	50	46	57	52	54	45	46	49	51	54	50	55	57	54	54	49	54	51	48	42	49	42	38	.....	.....	47.4
	Minimum	0	4	30	32	32	32	29	29	28	27	27	21	18	20	21	21	22	22	25	21	21	31	30	24	24	26	32	25	27	.....	.....	24.2
Richfield	Maximum	28	45	46	39	50	56	57	57	62	63	60	48	50	58	54	61	56	58	62	61	51	58	57	57	55	47	50	59	36	.....	.....	53.1
	Minimum	4	9	29	26	28	26	25	26	28	25	23	24	20	16	18	18	19	18	20	20	23	28	19	23	18	23	21	23	21	.....	.....	21.4
SALT LAKE CITY	Maximum	22	37	40	40	45	44	53	46	55	53	50	44	43	44	47	47	44	49	37	35	36	38	47	38	36	39	48	38	37	.....	.....	42.5
	Minimum	13	13	32	34	32	38	39	36	37	42	34	29	26	28	29	30	29	30	28	27	28	30	30	32	30	29	27	21	24	.....	.....	29.6
Scofield	Maximum	28	21	26	31	38	41	42	45	46	41	46	36	35	46	37	39	41	44	42	40	41	41	42	43	42	39	42	31	28	.....	.....	38.4
	Minimum	−14	0	10	19	21	22	12	15	17	3	4	0	−10	− 5	− 3	− 7	− 5	− 3	− 1	0	2	24	13	3	2	− 3	18	8	− 9	.....	.....	4.6
Springdale	Maximum	34	46	54	56	56	60	60	63	45	64	68	63	67	62	68	71	70	69	69	71	70	66	66	71	70	61	60	54	45	.....	.....	61.3
	Minimum	13	15	30	30	30	30	35	33	40	42	39	43	35	38	34	34	40	40	40	40	40	36	35	41	40	40	40	34	31	.....	.....	35.1
Standrod	Maximum	24	37	39	36	40	42	48	40	46	52	46	37	43	51	49	49	44	46	48	47	49	43	46	45	41	37	37	37	20	.....	.....	42.0
	Minimum	8	13	19	22	28	30	35	31	27	32	31	18	17	28	29	24	25	24	24	27	26	28	30	23	22	25	20	19	16	.....	.....	24.2
Teasdale	Maximum	33	17	22	37	40	46	48	46	48	42	50	52	47	41	38	43	46	47	46	41	46	42	46	46	46	44	47	44	33	.....	.....	42.2
	Minimum	−12	− 4	1	11	25	28	25	26	23	21	16	12	14	16	13	17	16	15	12	14	15	19	24	21	20	31	23	16	.....	.....	.....	16.7
Tooele	Maximum	25	38	44	40	46	45	55	46	54	50	52	43	42	43	49	46	42	47	39	34	33	41	46	37	35	37	51	40	37	.....	.....	42.7
	Minimum	3	8	25	30	31	34	36	22	31	36	34	25	21	24	26	25	25	25	25	21	23	29	27	26	24	26	29	12	24	.....	.....	25.1
Tremonton §§	Maximum	20	32	33	37	38	40	41	43	43	45	43	33	32	38	36	37	39	40	42	29	39	33	36	32	32	32	34	32	36	.....	.....	36.1
	Minimum	− 4	12	17	27	27	28	32	26	26	26	29	19	10	11	19	18	19	20	21	22	17	19	28	18	20	19	24	5	9	.....	.....	19.4
Tropic	Maximum	27	30	39	46	48	53	53	52	54	51	57	48	47	50	55	58	55	53	54	59	49	45	52	54	55	43	49	39	44	.....	.....	48.9
	Minimum	−10	−13	11	23	26	16	20	20	28	19	23	28	5	11	30	21	25	15	17	22	24	29	25	21	29	27	22	19	13	.....	.....	18.8
Watson (near)	Maximum	12	12	20	33	38	40	47	42	47	38	43	40	34	33	32	34	32	32	32	35	33	38	40	29	25	26	36	37	37	.....	.....	33.7
	Minimum	−14	−13	0	1	15	20	23	23	25	18	18	19	5	5	9	7	5	8	9	9	9	16	17	9	7	5	6	19	14	.....	.....	10.1
Wendover	Maximum	24	34	40	37	42	45	55	49	48	48	50	44	43	44	44	39	35	34	31	32	32	40	36	39	36	33	40	42	39	.....	.....	39.8
	Minimum	3	8	18	23	21	23	20	28	29	28	28	26	21	25	24	20	21	22	25	27	27	28	29	28	28	28	27	25	27	.....	.....	23.7

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Daily precipitation for February, 1916.

Continued from page 15.

Stations.	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	
Provo		T.	.52	T.	.78		.10															.42	.02			.17	.25		.07			2.33
Randolph			.25	T.	.10	.08																				.40	.15	T.				0.98
Reed																																
Revere				.18	.04	.09																.25					.14		.05			0.75
Richfield																										.06	.06	.30	.30			0.72
Richmond ‖‖	.27	1.08	.35	.49	.06	.27	.05	.06	.07														.16	T.		.52	.60	.37	.19			4.54
Riverdale		.03	.26	.30	.33	.18	.24	T.	.11													T.	.18				.40	.08	.04			2.15
St. George (C)																																
Saltair	.05	.02	.06		.18	.11	.03															.26	.02			.05	.48	.04	.13			1.43
SALT LAKE CITY ***		.02	T.	T.	.16	.12		T.	.01	T.												.24				.23	.30		.10			1.18
Santaquin		T.	.06	T.		T.																.26				.20	.61		.14			1.27
Scipio			.31	.03	.52	.04																.09				.20	.23	.46	.20			2.08
Scofield (C)			.72	.18	.11	.07																.03				.05	.21	.12				1.49
Silver City																																
Silver Lake												3.19											.34						2.64			6.17
Snake Creek ‖‖	.05	.60	.52	.97	T.	.21	.06	.23													T.	.18				.76	.13		.11			3.82
Snowville	*	.90	.12	.50		.20			.18																			.56				2.46
Spanish Fork			.30			.23															T.	.33				.19	.27		.11			1.43
Springdale (C)																						T.				T.	.15	.62	.10			0.87
Standrod		.13	.10	.12	.14	.03	.01	.02	T.		.01											T.				.11	.31		.09			1.07
Sunnyside (C)			.07		.25																	.20				.10	.09		.08			0.79
Teasdale (C)																					T.						T.	T.				T.
Thistle		T.	.80		.45	.06		T.														.28	.02			T.	.60		.05			2.26
Thompsons (C)																											T.					T.
Tooele		T.	.01	T.	.10	.01																.26				.04	T.	.42	.18			1.02
Tremonton ‖‖	T.	.15	.39	1.85	.44		.34		.15														.11				.45	.20	.05			4.13
Tropic (C)																						.11				.17			.11			0.39
Trout Creek Ranger (C)																																
University of Utah										.52												.32				.04	.50		.09			1.47
Utah Experiment Station			.37	.29	.46	.13																.19	.06			.11	.15	.78	.18			2.72
Vernal (C)	T.	T.	.10		.12				.14													.28				.12	.24		T.			1.00
Victor (C)		.25																		.18				.25								0.68
Watson (near) (C)			.04																			.08				.10						0.22
Wendover																										.10	.07					0.17
Whiskey Creek ‖‖	.32																				.10					.23	.25		.15			1.05
Winder																												.11				0.11
Woodruff		T.	.15	.29	T.	.05	T.	T.	T.													T				.08	.04	T.	.05			0.66
Woodside (C)				T.		.10							.05																.10			0.25

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

SNOW CONDITIONS IN UTAH ENDING FEBRUARY 29, 1916.

GENERAL SUMMARY.

February was a comparatively warm month; and while the snowfall was not especially heavy, it was greater than that in February last year, and also greater than the normal in all parts of the State. Very nearly every correspondent reported that the prospective water supply was greater than the average. The greatest depth of snow reported by the cooperative observers at their stations was 86 inches at Silver Lake at the head of Cottonwood Canyon. The greatest depth in the hills and mountains adjacent to these stations was 318 inches near New Castle. The greatest depth reported by the rangers of the Forest Service was 103 inches in the Cache National Forest.

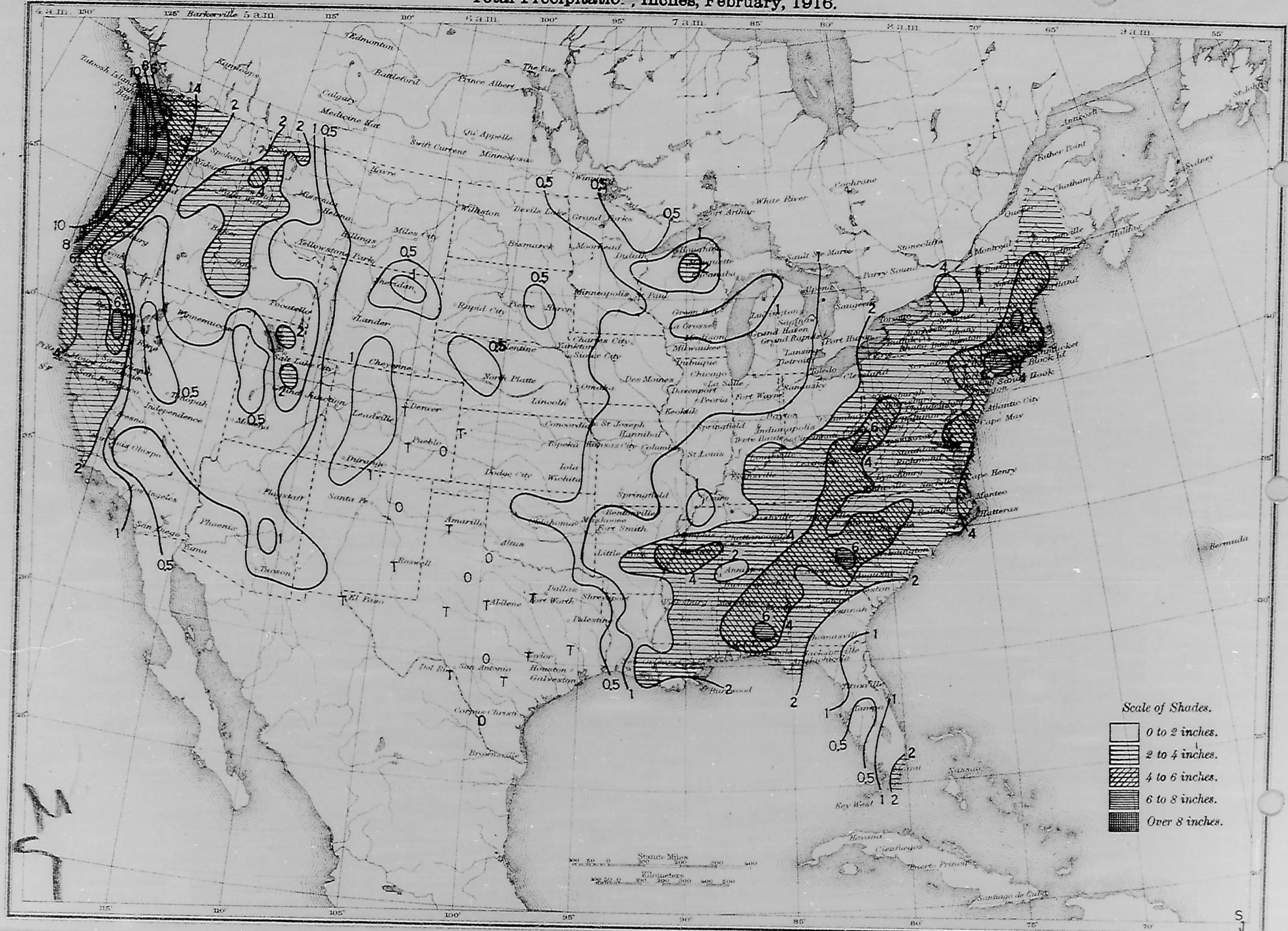
Stations.	On ground at station end of month.	Estimated depth in adjacent mountains.			Prospective water supply compared with average.
		Inches.	Compared with last year.	Compared with average.	
Great Salt Lake Watershed.					
Alpine	.....	150	+	+	+
Beaver Creek Nursery	.....	.....	..	..	..
Benmore	6.0	.....	..	..	..
Brigham City	8.0	66	+	+	+
Castle Rock	33.0	84	+	+	+
Cedar City	.....	.....	..	..	..
Cedar Fort	.....	.....	..	..	..
Center	.....	48	+	+	+
Clarkston	.....	60	+	+	+
Corinne	5.5	.....	..	..	..
Cottonwood Nursery	.....	.....	..	..	..
Deep Creek	3.0	.....	..	..	..
Elberta	.....	36	+	+	+
Erekson	.....	48	+	+	+
Farmington	.....	8	+	+	+
Garland	13.0	30	+	+	+
Government Creek	1.0	36	+	+	+
Grantsville	1.5	.....	+	+	+
Grouse Creek	.....	26	+	+	+
Heber	15.0	48	+	+	+
Henefer	12.0	72	+	+	+
High Line City Creek	18.5	.....	+	+	+
Howell	.....	.....	..	..	..
Ibapah	0.0	.....	..	..	..
Indian Farm	T.	48	+	+	+
Iosepa	.....	36	+	+	+
Kelton	14.6	72	+	+	+
Lehi	.....	120	+	+	+
Lemay	3.0	.....	+	..	+
Logan	.....	.....	..	..	..
Low	.....	.....	..	..	..
Lower American Fork	0.0	60	..	+	+
Lower Mill Creek	.....	144	+	+	+
Lucin	7.0	24	+	+	+
Meadowville	16.0	60	+	+	+
Midlake	1.0	.....	..	..	..
Midvale	T.	24	+	+	+
Millville	16.0	84	+	+	+
Morgan	12.0	.....	..	..	..
Mosida	.....	.....	..	..	..
Nephi (near)	.....	.....	..	..	..
Ogden	.....	192	+	+	+
Park City	.....	.....	..	..	..
Park Valley	.....	28	+	*	*
Payson	.....	.....	+	+	+
Pine View	.....	.....	..	..	..
Provo	1.0	54	+	*	+
Randolph	12.0	48	+	+	+
Revier	1.0	.....	..	..	..
Richmond	15.0	96	+	+	+
Riverdale	1.0	.....	..	..	..
Saltair	.....	30	+	+	+
SALT LAKE CITY	T.	.....	+	+	+
Santaquin	3.5	84	+	+	+
Silver City	.....	.....	..	..	..
Silver Lake	86.0	.....	..	..	..
Snake Creek	30.0	138	+	+	+
Snowville	.....	50	+	+	+
Spanish Fork	.....	30	+	+	+
Standrod	4.4	17	+	+	*
Thistle	19.5	.....	..	..	..
Tooele	4.0	.....	+	+	+
Tremonton	.....	.....	+	+	+
University of Utah	0.5	.....	..	..	..
Wendover	.....	.....	..	..	..
Woodruff	11.0	.....	..	..	..
Sevier Lake Watershed.					
Beaver	7.0	40	+	+	+
Belknap Ranger Sta	.....	36	+	+	+
Black Rock	1.0	.....	..	..	..
Burrville	.....	.....	..	..	..
Deseret	0.0	.....	+	+	+
Enterprise	4.0	18	−	+	+
Fillmore	.....	48	+	+	+
Garrison	0.0	.....	..	..	..
Hatch	6.0	24	*	+	+
Joseph	1.0	40	+	+	+
Jozella Ranch	.....	3	−	*	+
Junction	.....	.....	..	..	..
Kanosh	6.0	.....	+	+	*
Lake View Farm	5.0	.....	..	..	..
Levan	4.0	.....	+	+	+
Manti	1.8	.....	+	+	+
Marysvale	.....	.....	..	..	..
Milford	3.0	.....	..	..	..
Mills	.....	.....	..	..	..
Minersville	3.0	24	+	+	+
Modena	0.0	3	−	−	*
Moroni	8.0	75	+	+	+
Nada	1.5	5	−	..	*
Newcastle	0.7	318	−	+	+
Oak City	.....	24	+	+	+
Panguitch	.....	.....	..	..	..
Parowan	.....	.....	..	..	..
Pasadena Ranch	2.5	.....	..	..	..
Reed	.....	36	+	+	+
Richfield	3.0	84	+	+	+
Scipio	.....	120	+	+	+
Utah Exp. Station	56.0	.....	..	..	..
Whiskey Creek	1.0	.....	..	..	..
Winder	.....	.....	+	+	+
Green and Colorado Rivers Watershed.					
Alton	23.0	120	+	+	+
Big Plains	.....	.....	..	..	..
Blanding	2.0	96	+	+	+
Bluff	T.	.....	..	..	..
Canaan	.....	.....	..	..	..
Castle Dale	.....	.....	..	..	..
Duchesne	18.0	72	+	+	+
East Portal	.....	.....	..	..	..
Elkhorn	.....	.....	..	..	..
Emery	12.0	.....	+	+	+
Ft. Duchesne	14.0	90	+	+	+
Fruitland	.....	96	+	+	+
Green River	0.0	.....	..	..	..
Hanksville	.....	.....	..	..	..
Hayden	16.0	60	+	+	+
Hurricane	.....	36	*	+	+
Kanab	.....	.....	..	..	..
La Sal	9.0	.....	..	..	..
Leeds (near)	0.0	.....	..	..	..
Lone Tree	19.0	48	+	+	+
Manila	.....	30	+	*	*
Moab	.....	.....	..	..	..
Monticello	.....	72	+	+	+
Monticello Ranger Sta	14.0	.....	..	..	..
Mountain Home	.....	60	+	+	+
Myton	13.5	66	+	+	+
New Harmony	.....	78	+	+	+
Orderville	T.	12	*	*	*
Pine Valley	.....	.....	..	..	..
Pinto	.....	.....	*	+	*
Price	.....	72	+	+	+
St. George	.....	.....	..	..	..
Scofield	.....	30	+	+	+
Springdale	.....	48	+	+	+
Sunnyside	8.0	84	+	..	..
Teasdale	T.	42	*	*	*
Thompsons	T.	.....	+	+	+
Tropic	.....	.....	..	..	..
Trout Creek Ranger	.....	42	+	+	+
Vernal	.....	.....	..	..	..
Victor	.....	.....	+	+	+
Watson (near)	5.0	24	+	+	+
Woodside	.....	.....	..	..	..

+ indicates more; − indicates less, and * indicates average.

DEPTH OF SNOW IN INCHES ON NATIONAL FORESTS.

Number of Stake	National Forest.	Elevation.	Sub-Basin.	Depth at Stakes
77	Ashley	.....	.....	6
78	do	.....	.....	10
79	do	.....	.....	10
80	do	.....	East Beaver Creek	16
81	do	.....	do	18
82	do	.....	Center Beaver Creek	20
83	do	.....	Brush Creek	27
84	do	.....	do	32
85	do	.....	do	38
86	do	.....	Ashley Creek	42
87	do	.....	do	..
88	do	.....	do	..
89	do	.....	Uinta River	..
90	do	.....	do	..
91	do	.....	do	..
92	do	.....	Dry Gulch	26
93	do	.....	Yellowstone Creek	26
94	do	.....	Lake Fork	28
97	Uinta	.....	Duchesne	23
1	Cache	.....	Middle Sink	103
2	do	.....	Left Hand Fork Garden City Canyon	93
3	do	.....	Spring Hollow	62
4	do	.....	do	97
5	do	.....	do	136
6	Fillmore	.....	B. R. P. Co's. Plant	10
7	do	.....	Little Reservoir	20
8	do	.....	Chas. White's Pasture	20
9	do	.....	Half Mile East No. 7	26
10	do	.....	Half Mile East No. 8	26
11	do	.....	Clear Creek	4
12	do	.....	do	12
13	do	.....	do	0
14	do	.....	do	6
15	do	.....	do	11
16	do	.....	Deer Creek	24
17	do	.....	do	23
18	do	.....	do	32
20	do	.....	do	44
19	do	.....	Corn Creek	35
21	do	.....	Bowen Canyon	24
22	do	.....	do	38
23	do	.....	do	23
24	do	.....	do	38
25	do	.....	do	52
26	La Sal	.....	.....	..
27	do	.....	.....	..
28	do	.....	.....	..
29	do	.....	.....	..
30	do	.....	.....	15
31	do	.....	.....	23
32	do	.....	.....	52
33	do	.....	.....	61
34	do	.....	N. Montezuma Creek	14
36	do	.....	do	61
35	do	.....	Pole Creek	47
37	do	.....	.....	26
38	do	.....	.....	28
39	do	.....	.....	34
48	Sevier	.....	.....	14
49	do	.....	Center Creek	15
50	do	.....	.....	28
51	do	.....	Summit between Sevier & Rio Virgin	31
52	do	.....	Summit between Sevier & Tropic	4
53	do	.....	.....	30
54	Uinta	.....	.....	20
55	do	.....	.....	14
56	do	.....	.....	21
57	do	.....	.....	15
58	do	.....	Bryant's Fork	60
59	do	.....	do	60
60	do	.....	do	80
61	do	.....	do	80
62	do	.....	Indian Canyon	46
63	do	.....	do	36
64	do	.....	Willow Creek	52
65	do	.....	Daniels Creek	68
66	do	.....	do	70
67	do	.....	do	68
68	do	.....	do	68
69	Wasatch	.....	Mill Creek	54
70	do	.....	do	54
71	do	.....	American Fork	24
72	do	.....	do	35
73	do	.....	Beaver Creek	..
74	do	.....	do	..
75	do	.....	Middle Black Fork	42
76	do	.....	do	42
....	.....	.....	.....	..
....	.....	.....	.....	..

Total Precipitatio_ , Inches, February, 1916.



U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

MARCH, 1916

BY
ALFRED H. THIESSEN
SECTION DIRECTOR

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
APRIL 13, 1916

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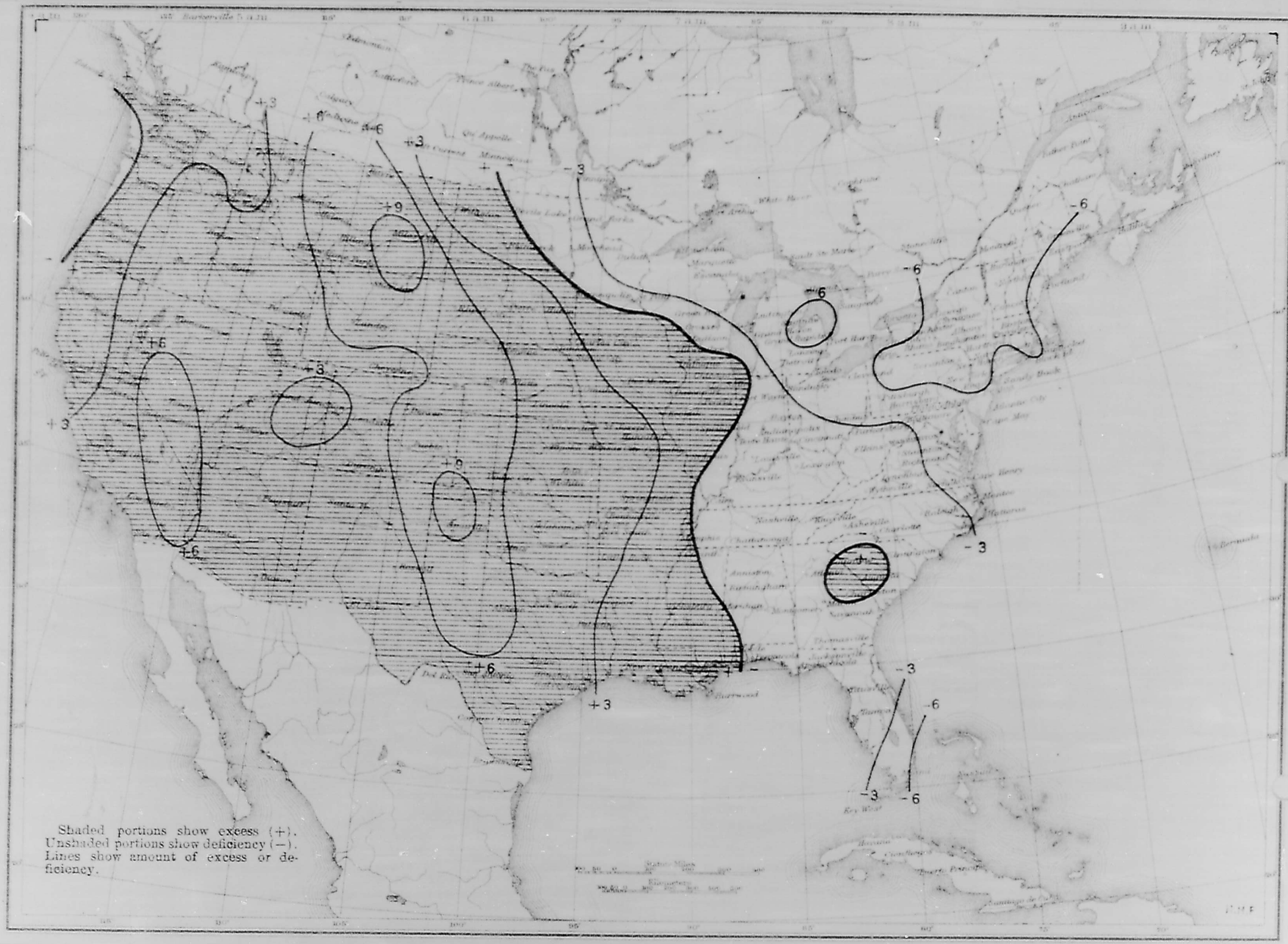

Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Section Director.

VOL. XVIII. SALT LAKE CITY, UTAH, MARCH, 1916. No. 3.

GENERAL SUMMARY.

March, 1916, was on the whole warmer and wetter than normal. The temperatures averaged about 1° higher than March of last year, and the precipitation was the heaviest for any March since 1912. The weather was warm during the greater part of the month, fruit buds swelled rapidly, some plowing and seeding were done, but on the 23d and 24th a snow storm of considerable severity swept over the State and this together with the accompanying cold weather delayed plant growth and farm operations a great deal. This snowstorm was the heaviest of the winter, and some observers say the heaviest on record. The snow was soon melted, however, and most of it seeped into the ground, there being very few reports of rising creeks. There were a few complaints that the grass on the range was slow in starting, but on the other hand spring sown wheat was reported coming up in fine shape at a few places.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 30.02 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.47 inches at Salt Lake City on the 7th.

The lowest was 29.08 inches at Salt Lake City on the 23d.

TEMPERATURE.

The monthly mean temperature for the State was 41.0°, which is 2.4° above normal. Of the 37 stations with records of 10 years or more, 6 reported mean monthly temperatures below, 2 equal to, and the remainder above normal. The greatest plus departure was 5.7° at Logan whose monthly mean temperature was 41.6°, and the greatest minus departure was 3.6° at Kelton whose monthly mean was 37.4°. The highest monthly mean was 55.5° at Leeds (near), and the lowest was 23.6° at East Portal. The month began with temperatures below normal over the entire State. After the 5th the temperatures rose and the weather remained comparatively warm with temperatures above normal until the 23d, when cold weather again set in and continued until the end of the month. The lowest temperatures were generally recorded from the 1st to the 6th and on the 25th and 26th, the lowest being —15° at Lone Tree on the 3d. The highest temperatures were reported, as a rule, from the 14th to the 19th, the highest being 85° at Kanab on the 14th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 56 per cent, and at 6 p. m. 46 per cent. At Modena at 6 a. m. it was 75 per cent, and at 6 p. m. 32 per cent.

PRECIPITATION.

The precipitation for the State averaged 1.93 inches, which is 0.35 inch above normal. The greatest local monthly amount was 6.73 inches at Silver Lake, and the least was 0.13 inch at Winder. The wet condition at the end of February continued through the 1st and 2d of March and another began on the 4th ending the 6th. Two distinct stormy periods occurred in the latter half of the month, from the 18th to the 24th and from the 28th to the 30th. The most notable storm of the month was the exceedingly heavy snow accompanied by high winds on the 23d and 24th. This storm was quite general, and the greatest 24-hour amounts at most stations occurred on those dates. The greatest depths were reported in the Jordan river valley, ranging from 11 to 24 inches on the level with drifts 6 feet high. The greatest 24-hour amount of precipitation was 2.40 inches at Alpine on the 24th.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 8.6 miles per hour; the highest 53 miles per hour from the northwest on the 2d; and the prevailing direction from the southeast. At Modena the average velocity was 11.6 miles per hour; the highest 48 miles per hour from the northwest on the 21st; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 66 at Salt Lake City, and 81 at Modena.

For the State the average number of clear days was 15; partly cloudy, 8; and cloudy, 8.

CORRECTIONS.

January, 1916: Watson, total precipitation should be 1.92 inches; Logan, total snowfall should be 24.9 inches; Lemay, total precipitation should be 0.56 inch, greatest precipitation in 24 hours should be 0.12 inch. Scofield, lowest temperature should be —26° on the 7th. Thistle, lowest temperature should be —17° on the 12th. Tremonton, date of lowest temperature should be 29th.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891										
1892	40.0	83	4	1.52	10.0	7				
1893	35.6	87	−19	2.05	12.0	8	10	9	12	sw.
1894	36.6	85	−22	1.66	14.4	6	14	9	8	nw.
1895	37.0	87	−15	1.24	6.4	4	18	7	6	sw.
1896	38.0	88	− 7	0.99	8.0	6	12	10	9	sw.
1897	32.0	79	−16	2.22	17.0	8	9	11	11	sw.
1898	34.2	80	−14	1.24	9.7	6	13	11	7	sw.
1899	38.5	84	− 3	2.46	8.3	8	11	10	10	sw.
1900	43.9	86	6	0.19	1.2	1	20	7	4	sw.
1901	36.8	78	− 2	0.84	7.6	5	16	7	8	n.
1902	34.9	73	− 9	1.28	10.3	7	11	9	11	sw.
1903	37.3	80	−32	1.19	7.4	5	12	9	10	s.
1904	39.9	90	−10	2.33	11.5	9	9	10	12	s.
1905	42.2	83	0	1.76	6.8	8	11	9	11	n.
1906	38.0	86	−34	3.14	18.2	11	10	8	13	sw.
1907	42.4	87	− 2	1.65	9.9	7	8	10	13	sw.
1908	39.8	90	−20	1.10	8.3	5	15	9	7	sw.
1909	37.4	78	−21	1.16	7.4	6	12	10	9	sw.
1910	46.1	85	5	0.78	1.9	3	17	8	6	s.
1911	41.2	86	− 6	1.30	2.2	5	15	9	7	sw.
1912	37.3	86	−12	2.72	17.5	11	7	9	15	sw.
1913	35.1	87	−18	0.93	9.5	5	13	9	9	s.
1914	41.0	90	− 3	0.63	2.2	4	19	7	5	n.
1915	39.9	81	−14	0.75	3.9	4	16	8	7	n.
1916	41.0	85	−15	1.93	10.8	7	15	8	8	s.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1916.	1st	+4.5	+4.7	+5.2										
	15th	+4.6	+5.0	+5.4										

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Climatological data for March, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	7,000	1	37.8		65	17	4	2	39	3.91		0.92	18.0	10	16	10	5	nw.	Wm. M. Cox.
Beaver	Beaver	6,000	11	[a]39.7	− 3.3	69[d]	8	− 6[e]	25	53[f]	1.08	−0.13	0.67	11.5	4	17	6	8	.....	S. Z. Jenkins.
Black Rock	Millard	4,872	11	45.2	+ 4.6	75	12	8	2	50	0.50	−0.74	0.20	4.0	4	18	10	3	w.	Agent Salt Lake Route.
Blanding	San Juan	6,000	8	42.8		64	9	12	2	33	1.28		0.61	4.6	7	20	3	8	sw.	E. F. Thompson.
Bluff	San Juan	4,200	3	[a]50.9		86[a]	13†	26[a]	15†	49[a]	0.19		0.09	1.3	4	20[b]	1[b]	8[b]	.....	Perry A. Clark.
Brigham City	Boxelder	4,305	3	[a]43.9		75[b]	10	16	1	41[b]	2.07		0.74		10					N. Merrell Valentine.
Burrville	Sevier	6,800	4																	F. R. Curtis.
Castle Dale	Emery	5,500	16	36.3	− 2.3	60	20	4	3	41	1.70	+1.26	1.00		3	24	2	5	.....	Miss Zella Jeffs.
Cedar City	Iron	5,750	10	[a]45.4	+ 3.0	74	12†	14	26	42[c]	1.38	+0.24	0.78	4.0	5	19[c]	2[c]	7[c]	sw.	Parley Dalley.
Center ‡‡	Tooele	4,250	4	41.2		75	15	10	1†	49	1.10		0.45	0.7	5	16	5	10	s.	L. C. Peterson.
Corinne	Boxelder	4,240	45	39.2	− 1.1	67	19	8	1	36	1.61	+0.24	0.82	0.5	4	12	5	14	.....	A. C. Murphy.
Deseret	Millard	4,541	20	44.5	+ 3.6	76	17	14	2	54	1.10	+0.11	0.44	7.0	5	18	1	12	s.	S. W. Western.
Duchesne	Duchesne	5,515	8	33.4		61	27	−12	3	42	0.99		0.30	7.0	7	12	7	12	.....	M. M. Smith.
East Portal ‡‡	Wasatch	7,606	3	23.6		49	19	−13	3	49	5.18		1.61	43.0	14	14	6	11	.....	Reclamation Service.
Elberta	Utah	4,650	13																	D. C. Walkey.
Emery	Emery	6,200	14	39.8	+ 1.6	67	23	1	3	41				4.0	.....	3	2	26	e.	H. C. Wickman.
Farmington	Davis	4,268	14	45.0	+ 4.0	70	20	22	25	35	3.00	+0.56	1.26	8.6	5	17	5	9	n.	Chas. Boylin.
Fillmore	Millard	5,100	23	45.6	+ 3.6	78	17	12	2	43	2.31	+0.40	1.15	25.5	7					L. J. Starley.
Ft. Duchesne	Uinta	4,941	27	[b]33.6	− 1.1	63[b]	20	10[b]	3	38[b]	0.95	+0.28	0.38	.....	4	22[b]	5[b]	2[b]	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5	[b]40.2		81[b]	17	8[b]	30	66[b]	1.63		0.41	17.2	7	15[b]	1[b]	3[b]	w.	J. E. L. Carey.
Garland	Boxelder	4,248	3	38.6		68[a]	16	13	1	39[a]	1.98		0.85	1.5	7	14	6	11	n.	J. T. Roberts.
Garrison	Millard	4,850	11																	Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	14	43.2	+ 4.6	71	16†	10	2	39	1.58	−0.71	0.80	10.5	5	13	3	15	n.	Walter James.
Green River	Emery	4,080	15	[a]46.7	− 0.5	76[a]	19	17[a]	2	47[a]	0.92	+0.49	0.65	3.2	2	18[a]	7[a]	5[a]	sw.	E. E. Adams.
Hanksville	Wayne	4,200	4																	F. J. Weber.
Heber	Wasatch	5,593	22	35 8	+ 1.5	65	19†	− 5	3	47	3.45	+1.13	0.70	8.0	11	15	3	13	s.	John Crook.
Henefer	Summit	5,301	15	36.8	+ 0.9	66	27	− 4	3	44	3.19	+0.69	0.59	20.0	13	17	1	13	w.	Wm. Brewer.
Ibapah	Tooele	7,500	10	41.8		74	16†	9	25	51	0.89		0.76	9.0	4	19	9	3	sw.	W. M. Chastain.
Iosepa	Tooele	4,356	4	39.8		69	16	19	5†	45	1.04		0.49		5	24	6	1	s.	James K. Halemanu.
Kanab	Kane	4,925	7	49.7		85	14	20	2	53	1.24		0.46	2.0	7					D. D. Rust.
Kelton	Boxelder	4,230	35	37.4	− 3.6	61[f]	18	6	3	31[a]	0.91	+0.41	0.45	1.0	3	5	20	6	w.	F. W. Klock.
La Sal	San Juan	7,000	12	38.5	+ 2.2	65	17	9	25	35	1.28	+0.30	0.42	10.0	6	15	12	4	.....	La Sal Live Stock Co.
Leeds (near) ‡‡	Washington	3,400	3	55.5		89[a]	10†	28	3	40[a]	1.95		0.80	3.0	5	24	0	7	.....	B. F. Anderson.
Lehi	Utah	4,550	2	[a]44.0		76[d]	17	12[d]	25	46[f]	2.91		1.50	17.0	10	16[d]	6[d]	5[d]	nw.	Joseph Anderson.
Lemay ‡‡	Boxelder	4,221	4	42.2		65	19	14	3	25	1.20		0.80	3.0	2	14	12	5	e.	E. J. Ineck.
Levan	Juab	5,010	25	42.0	+ 4.7	73	17	10	2	42	3.51	+1.41	0.79	17.6	9	17	7	5	s.	John C. Jensen.
Logan	Cache	4,507	24	41.6	+ 5.7	69	17	12	1	34	2.17	+0.17	1.00	8.0	7	18	4	9	.....	Experiment Station.
Lone Tree ‡‡	Uinta			35.0		70	27	−15	3	46	1.18		0.79	0.9	3	20	4	7	.....	J. A. Kay.
Low ‡‡	Tooele	4,602	4	39.4		58	18	24	5†	26	1.12		1.00		3	13	5	13	sw.	Agt. Western Pacific Co.
Lower American Fork ‡‡	Utah	5,063	1	45.6		75	17	20	25	40	3.94		2.21	25.5	8	17	6	8	n.	W. S. Greenwood.
Lower Mill Creek ‡‡	Salt Lake	4,959	2	46.4		76	17	20	1†	42	3.24		1.98	29.5	9	13	7	11	n.	D. Folker.
Lucin	Boxelder	4,504	8	40.2		71	18	0	3	41	0.42		0.27	1.5	5	15	13	3	e.	E. C. Puryear.
Manila	Uinta	6,225	5	36.2		65	16†	8	2	41	0.50		0.30	3.0	2	13	12	6	.....	D. M. Nelson.
Manti	Sanpete	5,575	20																.....	J. M. Anderson.
Marysvale	Piute	6,180	14																.....	A. Soyka.
Meadowville ‡‡	Rich	6,200	14	32.9	+ 3.4	56	22	− 3	1	41	1.47	−0.43	0.30	5.5	9	14	6	11	.....	J. S. Moffat.
Midlake ‡‡	Boxelder	4,235	4	40.8		63	23	17	1	38						11	9	11	nw.	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	45.3		79	17	14	6†	45	2.61		1.12	11.6	6	15	5	11	s.	E. D. Camomile.
Milford	Beaver	4,962	7	43.4		75	12†	− 4	2	49	1.85		0.55	8.3	7	19	6	6	n.	Delta Land & Water Co.
Moab	Grand	4,000	25	49.5	+ 2.5	78	8†	21	3	50	1.17	+0.18	0.38	T.	6	9	14	8	.....	Henry Crouse.
Modena	Iron	5,479	14	42.5	+ 3.4	72	12	3	2	46	1.50	+0.20	0.49	5.5	8	18	9	4	w.	U. S. Weather Bureau.
Monticello	San Juan	7,050	7	38.0		63	17	8	3	33	2.25		1.60		5	20	7	4	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	39.0	+ 2.4	67[a]	19	6	1	49[a]	1.88	−0.66	0.65	8.6	9	11	9	11	nw.	Dasil Smith.
Moroni	Sanpete	6,000	7	39.4		70	17	11	3†	38	3.04		0.78	9.7	11	12	5	14	sw.	B. F. Eliason.
Mosida	Utah	4,510	3	43.1		75	17	19	25	45	1.02		0.30	1.0	5	12	12	7	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	[a]33.0		56[c]	20†	4[c]	3	38[c]	1.38		0.50	8.0	5	20[c]	1[c]	7[c]	w.	Oscar Wilkins.
Nephi (near)	Juab	5,119	10								2.96		0.91	24.0	7				.....	J. W. Jones.
Oak City	Millard	4,900	8																.....	Jos. L. Anderson.
Ogden	Weber	4,310	44	[a]44.6	+ 3.1	74[b]	17	23	1†	37[b]	2.14	+0.56	0.83	8.0	10	19	8	4	.....	Ralph Shorten.
Panguitch	Garfield	6,560	3																.....	H. L. Strembel.
Park City	Summit	7,000	10																.....	.....
Parowan	Iron	5,970	24	44.3	+ 5.0	74	12	10	2†	45	1.03	−0.70	0.35	.....	8	18	6	7	.....	Alex Matheson.
Pasadena Ranch †‡	Iron	5,131	1	45.8		72	27†	22	20	42	2.60		0.60	1.0	6	16	10	5	sw.	W. S. Hall.
Pine View ‡‡	Summit	6,335	3	[a]36.1		63[c]	18	0[c]	25	45[c]									.....	Granville Deming.
Pinto	Washington	5,907	17	[a]39.6	+ 3.5	71[b]	18	− 3[b]	2	50[b]	2.74	+0.70	1.00	.....	6	18	8	5	s.	J. H. Harrison.
Price	Carbon	5,557	4																.....	Walter Bass.
Provo	Utah	4,532	21	43.9	+ 3.1	76	17	2	25	50	3.34	+1.60	1.70	22.0	11	16	5	10	.....	Reclamation Service.
Richfield	Sevier	5,350	21	44.8	+ 4.6	77	16†	5	3	45	1.45	+0.49	0.60	4.0	6	23	3	5	sw.	Simon Caristensen.
Riverdale ‡‡	Weber	4,310	2					20	6	....	0.62		0.36	1.0	3	14	11	6	s.	Eugene Bone.
St. George	Washington	2,880	22																	Ray Smith.
Saltair	Salt Lake	4,220	11	43.4	+ 2.2	65	19	24	1	24	1.66	−0.32	0.60	3.8	8					J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	41	46.2	+ 4.8	73	17	23	6	30	3.03	+1.03	1.82	16.0	9	14	7	10	se.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	45.8		74	18	15	1	38	3.10		1.03	6.1	8	15	7	9	.....	Wm. Broadbent.
Scipio	Millard	5,260	20	41.9	+ 3.2	73	16†	5	2	49	2.32	+0.12	0.77	7.0	9	13	7	11	sw.	Thos. Memmott.
Scofield	Carbon	7,625	6	[a]28.0		57[d]	20	3[d]	31	44[f]	1.28		0.39	27.5	13	9[c]	3[c]	12[c]	s.	B. Newren.
Snake Creek ‡‡	Wasatch	5,950	2	34.8		59	19	8	1†	40	4.36		1.32	17.0	9	14	10	7	s.	J. W. Orrock.
Snowville	Boxelder		2	[a]36.1	0.0	63[a]	27	0[a]	3	39[a]	1.40		0.60	6.0	4	12[a]	0[a]	18[a]	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	6					16[b]	3†	....	2.31		0.80	6.5	7	17	9	5	.....	W. P. Shippee.
Springdale	Washington	3,500	7	50.0		83[a]	10	28	25	40[a]	2.94		0.79	.....	7	18	8	5	.....	F. D. Gifford.
Standrod	Boxelder	6,000	10	40.4		69	15†	10[a]	1	40[a]	2.47		1.65	28.6	9	16	5	10	sw.	T. B. Jones.
Teasdale	Wayne	7,000	6	38.8	+ 3.6	67	17	9	2	40	0.34	−0.45	0.30	3.0	3	0	19	12	nw.	Henry Cullum.
Thistle	Utah	5,075	21	37.7	0.0	73	17	− 2	3†	65	2.97	+1.16	0.65	15.0	9	15	8	8	.....	John I. Hayes.
Thompsons	Grand	5,150	3	45.4		69	11†	16	2	38	1.83		1.08	3.5	2	17	9	5	w.	J. F. Geesalin.
Tooele	Tooele	4,900	19	44.4	+ 4.7	72	19	16	1	39	2.88	+0.69	1.74	16.0	5	6	7	18	s.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	38.8		70	17	9	1	42	1.63		0.85	4.5	8	13	7	11	n.	A. I. Rosa.
Tropic	Garfield	7,000	18	[b]43.2	+ 4.9	74[b]	9†	13[b]	3	48[b]	0.61	−0.19	0.27	.....	3	12[b]	12[b]	5[b]	nw.	E. P. Bolton.
University of Utah †‡	Salt Lake	4,500	2	45.7		72	17†	16	6	35	2.40		0.80	20.0	6	16	5	10	sw.	Jos. F. Merrill.
Utah Exp. Station ‡‡	Sanpete	8,700	1	29.5		54	11†	2	25	38	4.84		0.93	57.0	12	14	12	5	w.	Forest Service.
Vernal	Uinta	5,060	17	39.0	+ 2.6	65	27	11	3	30	1.16	+0.27	0.60	.....	5	19	1	11	w.	Mrs. S. M. Logan.
Watson (near) ‡‡	Uinta	6,210	5	36.7		65	19	9	3	34	0.22		0.06	.....	6	23	0	8	s.	Homer D. Ford.
Wendover	Tooele	4,237	4	45.8		72	16	23	1	41	0.24		0.10	.....	3	19	5	7	ne.	J. S. Cooper.
Woodruff	Rich	6,500	12	31.3	+ 2.1	58	17	− 7	1	44	1.00	−0.23	0.53	6.3	7	19	5	7	....	O. J. Call.
Woodside	Emery	4,645	4	42.2	.. ..	74	24†	0	2	57	0.44		0.20	3.0	4				.....	Frank Groussman.
For the State				41.0	+ 2.4	85	14	−15	3	66	1.93	+0.35	2.40	10.8	7	15	8	8	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing; for example, [c] represents three days missing, etc.

‡‡ Post office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Kanarra; of Lemay, Lucin; of Lone Tree, Jensen; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily precipitation for March, 1916.

Stations.	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	
Alpine	.20		.20	.35	.10															.47			.40	2.40							4.12
Alton (C)	.35	.25		.10	.75	.02														.20	.90		.92	.40						.02		3.91
Beaver	.17					.10														.14				.67						T.		1.08
Beaver Creek Nursery																																
Belknap Ranger Station‡																																
Benmore	.04			.50	.37												.71										1.24					1.95
Big Plains (C)																				.43			.72	.24						.08		2.38
Black Rock	.10				.10																											
Blanding (C)	.29	.06			.02															T.	.15	.08	.61	.07				T.		T.		0.50
Bluff (C)	.02	.05																			T.	T.	.03	T.			T.	T.	.09			1.28
Brigham City		.03			.40	.20	.03												.15	.01	.74		.15	.33				.03				0.19
Burrville																																2.07
Canaan (C)	.08				T.	.02																										
Castle Dale (C)	1.00			.20														.04		.34			.34	.66	.09			.01				1.58
Castle Rock	.25	.30		.25	.50	.30	.20												.05	.07	.40		.40	.75						.15		1.70
Cedar City	T.				.10													T.		*	.35											3.62
Cedar Fort		.02	.08	.12	.06			.10	.07	.09	.01				.03	.20	.10					.08	.04			.18	.21	.17	.30	.23	.01	1.38
Center	.10				.25	T.																.45		.25				T.	.05			2.10
Clarkston					.70															1.75				.40					.15			1.10
Corinne	.05			.30																.82			.44									3.00
Cottonwood Nursery																																1.61
Deep Creek	.65				.07																											
Deseret	.03				.30													T.		.28			1.25					.01	.08			1.74
Duchesne (C)	.11	.17		T.	.12	T.												T.		.30			.44							.03		1.10
East Portal (C)	.42	.45		.15	1.61	.08	.06											T.		T.	.01		.30	.15					T.	.13		0.99
Elberta																		.07	T.	.28	.62		.68	.56	.05			.03	T.		.14	5.18
Elkhorn (C)																																
Emery‡ (C)																																
Enterprise				.60																												
Erekson	.08	.07			.10																		.73				.05					1.38
Farmington				T.	.37	T.														.56			.35	.56				T.		.08		1.81
Fillmore	.38				.15															.35	1.26		.45	.57					T.			3.00
Ft. Duchesne (C)					.38															T.	.38		.17	.15				.05	T.	.03		2.31
Fruitland (C)	*	.37			*	.31																	.30	.17					.10			0.95
Garland	.04			.43	T.	.08												.03			.41			.35						.16		1.63
Garrison																		T.		.85			.19	.36	T.			.03		T.		1.98
Government Creek	.10					.17																										
Grantsville	T.				.07																.50			.80				T.	T.	.01		1.58
Green River (C)	.27																			.32			.42				T.		.01			0.82
Grouse Creek																							.65	T.				T.				0.92
Hanksville (C)																																
Hatch	.01			.10	.12													.01		.16	.27			.73	.08				.05			1.53
Hayden (C)	T.	.06		*	.39																.04		.32	.16	.04				*	.07		1.08
Heber	.35	.10		.20	.60	T.													.45	.50	.70	.20	.20					.10	.05			3.45
Hepefer	.25	.59		.09	.49	.05	.04											T.	.03	.22	.48		.25	.59				.04	.03			3.19
High Line City Creek	.15	.16	.14		.63													.94	.03				.40	1.94				T.	T.	T.		4.39
Howell																																
Hurricane (C)																				.20			.32	.30								0.82
Ibapah	.04																			.05			.76					.04	T.			0.89
Indian Farm	.01			T.	.09													T.		T.	.44	T.	T.	T.						.02		0.56
Iosepa	.04			T.	.06												T.			.36			.49						.09			1.04
Joseph	.28	.08				.23														.10			.19		.32			.01	T.			1.21
Jozel a Ranch	.70	.40		.40																.82			.48	.34						.02		3.16
Junction	.16				T	.30															.60		.24					.20				1.50
Kanab (C)	.12			.09													T.			.04	.33	.11	.46	.09								1.24
Kanosh					.16																.49		.20	.84	.15			.13		.02		1.99
Kelton	T.			.45														T.		.34		.12										0.91
Lake View Farm	.71	.30		.04	.19	.04												T.	T.	T.	.53		.12	.06				.08	.02	.05		2.14
La Sal (C)	.32	.08																			.24		.42	.21					.01			1.28
Leeds, (near) (C)	.20	.06																		.80		.49	.40				T.					1.95
Lehi	.05	.01			.30	.05														.20	.25		.50	1.50				.01	.04			2.91
Lemay																				.40			.80									1.20
Levan	.70			.12	.05	.42												T.			.60		.79	.60				.16		.07		3.51
Logan	T.			T	.08	.20														1.00		.22	.36	T.			.26		.05			2.17
Lone Tree (C)	T.				.29																.10		.79									1.18
Low						.04															.08		1.00									1.12
Lower American Fork	T.	.14			.21	.03															.42		.34	2.21	.06			.01				3.94
Lower Mill Creek	T.	.14			T.	.36															.45		.09	1.98	.10			.05	.03	.04		3.24
Lucin	.02				.02															.07	T.	.04	.27									0.42
Manila (C)																							T.	T.				.20	.30	T.		0.50
Manti																																
Marysvale																																
Meadowville	.10				.22	.15													.10	.20	.30		T.	.18			.12		T.	.10		1.47
Midlake																																
Midvale	T.	.09			.39	.30														T.	.57		.14	1.12	T.			T.	T.	T.		2.61
Milford	.28	.01			.39	T.												T.		T.	.36		.55	.21				T.	T.	.05		1.85
Mills	.10				.18																.33		.27							.05		0.93
Millville	.02	.02		T.	.48	.28															.37		.48	.36				.26	T.			3.17
Minersville	.56				.03													.20		.70			.68	.33				T.	T.	.02		1.83
Moab (C)	.15	.05																		.21			.30	.38	.30							1.17
Modena ***	.22			.23	.09													T.		.37	.12	.01	.44					.02		T.		1.50
Monticello (C)						.30															.25	.05	1.60	.05								2.25
Monticello Ranger Sta. (C)																							.17							.06		0.23
Morgan	T.	.29			.16	.18	.04												.25	T.	.65		.04	.22				.05		T.		1.88
Moroni	.34	.10		.23	.76	T.												T.	.03	.03	.78		.39	.31				.04	T.	.03		3.04
Mosida					.30																.23		.30	.12					.07			1.02
Mountain Home‡ (C)			.15		.20															.50			.25	.28						T.		1.38
Myton (C)	.05	.13			.06																		T.	.11					.05	.06		0.46
Nada	.12	.09		T.	.11													T.			.45		.49							.13		1.39
Nephi (near)	.49		.41		.25															.67				.91				.15	.08			2.96
New Castle	.04	.03			.38															.04	.39		.76							T.		1.64
New Harmony (C)				.65	1.00																1.10	.47	1.80									5.02
Oak City																																
Ogden		.06			.26	.20												.06		.83		.13	.45	.06				.05		.04		2.14
Orderville (C)	.25	.20		.02	.33															.11	.70	.09	.60	.33								2.63
Panguitch																																
Park City																																
Park Valley (near)	.18			.13	.05															.23	.03		.54									1.16
Parowan		.10																.05		.05	.35		.33	.10				.02	.03			1.03
Pasadena Ranch	.40	.60																		.60	.50								.30	.20		2.60
Payson	.10	.05			.25																.68		.60	.25			.06	.10	.08			2.17
Pine Valley (C)																																
Pine View																																
Pinto (C)	.17	.06			.49																.90			1.00						.12		2.74
Price (C)																																

Continued on page 27.

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Daily temperatures for March, 1916.

Stations.		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	Mean
Blanding	Maximum	34	37	45	52	55	45	50	59	64	62	63	62	60	60	61	56	62	57	62	59	55	55	45	55	47	51	61	59	49	49	48	54.2
	Minimum	21	12	17	27	42	26	30	30	37	37	37	37	38	29	31	35	36	40	38	40	42	39	30	22	22	24	32	37	31	31	28	31.5
Corinne	Maximum	33	35	42	45	38	39	44	51	55	55	52	58	62	49	59	64	62	57	67	58	51	49	48	41	47	65	63	60	45	53	52	51.6
	Minimum	8	15	19	28	17	13	28	29	32	27	23	25	28	25	26	28	27	30	37	35	35	34	29	23	25	30	27	37	28	35	25	26.9
Deseret	Maximum	44	43	55	52	57	49	55	65	70	68	70	75	62	61	72	75	76	67	73	70	69	66	45	40	49	65	71	58	51	52	58	60.7
	Minimum	25	14	25	38	38	18	24	23	33	29	32	29	26	17	18	26	30	45	36	43	39	27	31	26	20	25	30	40	21	28	22	28.3
Duchesne	Maximum	30	30	30	35	52	36	42	51	49	47	47	43	49	45	44	48	50	51	57	54	51	57	52	39	50	56	61	54	46	41	48	46.6
	Minimum	4	3	−12	1	25	12	30	21	28	20	14	13	15	23	13	14	20	26	29	29	36	26	32	25	27	27	28	30	27	22	20	20.3
Elberta	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Emery	Maximum	48	47	40	43	53	51	63	61	60	64	63	62	64	63	58	62	60	61	60	62	60	58	67	56	48	56	62	50	51	45	48	56.3
	Minimum	15	11	1	11	18	23	27	25	22	33	29	28	30	31	33	25	23	20	22	21	20	18	26	25	26	20	37	25	26	25	30	23.4
Fillmore	Maximum	40	42	55	50	53	53	52	62	70	68	70	76	63	60	72	76	78	67	72	70	60	68	52	37	49	65	70	55	44	50	56	59.8
	Minimum	20	12	23	32	35	19	27	27	37	35	31	37	39	25	29	43	47	52	40	40	38	33	35	23	18	26	40	37	29	26	23	31.5
Ft. Duchesne	Maximum	...	...	28	32	45	35	40	44	45	43	38	33	45	43	44	45	50	54	61	63	59	58	56	51	48	57	62	58	49	45	50	[b]47.6
	Minimum	...	...	−10	− 2	22	10	26	11	18	17	16	20	21	19	10	14	17	21	27	25	23	26	35	27	20	25	29	30	32	23	19	[b]19.7
Fruitland	Maximum	...	...	...	...	...	...	...	...	...	...	...	53	50	52	72	76	81	75	70	73	45	62	54	41	39	50	76	63	49	49	...	[1]59.5
	Minimum	...	...	...	...	...	...	...	...	...	...	...	12	15	15	9	11	15	25	26	27	32	19	30	21	19	20	24	33	36	8	...	[1]20.8
Government Creek	Maximum	39	35	47	49	52	40	57	59	58	67	68	69	65	56	57	71	71	68	70	65	56	70	60	41	40	57	64	57	42	45	52	56.4
	Minimum	18	10	26	35	29	12	24	32	37	31	32	37	35	21	25	32	42	46	38	46	34	40	30	21	12	31	38	39	25	28	21	29.9
Green River	Maximum	44	43	43	55	63	51	62	73	....	75	70	73	71	63	66	70	74	74	76	73	71	69	60	48	53	62	68	66	57	51	60	[a]62.8
	Minimum	29	17	19	27	29	27	26	33	....	32	30	32	30	30	24	25	27	38	36	32	48	34	38	32	29	28	31	34	31	38	31	[a]30.6
Henefer	Maximum	28	36	35	47	47	35	47	51	56	55	52	55	47	49	55	62	65	64	64	56	51	63	55	37	42	60	66	55	44	41	54	50.8
	Minimum	3	20	− 4	26	27	20	30	25	34	20	15	17	22	12	15	19	21	27	32	37	33	25	33	26	10	23	27	38	24	27	19	22.7
Ibapah	Maximum	38	40	51	53	51	45	54	69	71	65	68	72	57	62	71	74	74	66	69	63	58	67	59	35	52	64	68	50	45	45	57	58.2
	Minimum	21	17	24	26	30	21	22	25	33	26	22	26	31	21	20	24	27	38	28	39	31	27	26	14	9	11	29	39	25	28	19	25.1
Kelton	Maximum	35	32	35	38	41	42	43	41	45	48	46	48	48	46	51	58	60	60	61	51	51	59	50	47	53	56	58	62	41	49	56	48.7
	Minimum	10	16	6	18	28	15	25	26	29	24	21	21	20	21	25	26	30	36	36	42	32	29	31	27	26	28	29	34	30	31	24	25.7
La Sal	Maximum	31	27	38	48	47	41	40	50	55	60	61	62	61	55	57	63	65	62	62	61	56	54	43	30	37	49	59	58	47	39	46	50.5
	Minimum	21	10	10	28	37	13	19	25	33	32	30	31	33	20	26	29	33	36	35	37	34	34	29	20	9	24	30	34	23	26	19	26.5
Leeds (near) §§	Maximum	51	62	62	58	57	61	68	77	76	80	79	76	70	76	79	80	75	76	64	65	69	53	47	58	68	74	72	63	54	63	....	[a]67.1
	Minimum	45	45	28	30	36	33	36	42	45	53	51	49	54	40	40	40	45	49	52	51	54	53	33	37	37	46	46	47	49	45	49	43 9
Lemay	Maximum	40	40	37	40	43	42	45	48	46	52	54	57	54	53	60	64	60	63	65	55	55	62	53	37	46	53	58	52	50	44	48	50.8
	Minimum	21	23	14	30	24	23	26	31	30	34	36	36	46	40	38	39	35	38	40	48	40	37	32	30	34	37	38	40	35	32	33	33.5
Levan *	Maximum	36	38	40	46	51	42	44	58	63	61	64	70	56	55	68	72	73	66	72	65	55	61	56	32	40	61	68	60	40	46	51	55.2
	Minimum	21	10	12	35	30	12	26	27	40	34	31	32	33	23	26	30	31	47	37	41	40	32	30	24	12	26	33	39	26	26	23	28.7
Logan	Maximum	27	36	42	46	46	40	44	46	53	53	54	64	51	51	57	66	69	66	66	57	53	64	60	44	45	57	64	64	46	46	55	52.6
	Minimum	12	20	23	32	30	22	25	32	36	32	31	30	31	27	28	34	39	39	40	43	34	37	31	27	25	30	31	34	30	31	28	30.5
Low §§	Maximum	40	37	38	37	32	30	50	52	33	44	52	50	44	50	52	54	56	58	50	45	29	28	47	45	50	47	49	41	45	50	55	44.8
	Minimum	26	37	26	29	24	30	28	26	27	29	39	38	37	36	44	37	49	50	47	42	24	27	24	28	30	39	38	41	30	33	42	34.1
Lucin	Maximum	31	34	41	41	47	40	45	55	56	56	57	61	60	52	57	63	70	71	70	64	62	61	36	46	48	50	60	61	50	50	60	53.4
	Minimum	12	5	0	15	26	15	26	27	30	37	40	31	35	24	27	28	30	30	32	45	32	29	29	25	27	27	33	35	23	31	28	26.9
Manila	Maximum	30	28	45	50	41	48	50	50	52	55	60	55	50	61	60	65	60	60	65	51	60	59	53	52	53	59	62	50	35	28	50	51.5
	Minimum	10	8	10	22	9	11	13	20	22	30	20	22	20	23	20	24	35	30	25	21	30	22	30	24	22	20	22	32	20	21	12	21.0
Manti	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meadowville	Maximum	24	26	40	44	42	31	39	46	52	46	40	43	44	38	39	45	48	46	50	49	44	56	47	33	42	53	43	50	43	37	44	42.7
	Minimum	− 3	11	− 1	28	25	18	25	27	33	29	29	19	34	17	17	19	22	23	31	30	30	25	28	23	19	25	32	36	25	20	21	23.1
Milford	Maximum	36	38	50	53	57	50	52	68	70	60	70	75	60	60	70	73	75	70	71	62	62	65	54	38	49	66	65	60	52	49	55	59.2
	Minimum	21	− 4	23	31	37	20	25	26	30	33	29	28	34	20	21	25	29	40	34	41	36	31	30	25	20	30	29	36	23	29	25	27.6
Moab	Maximum	44	44	50	63	66	67	68	78	68	72	71	74	75	61	75	74	76	77	76	77	78	67	67	56	53	62	70	71	73	53	59	66.6
	Minimum	31	24	21	23	46	26	25	28	32	34	32	31	33	26	25	25	30	37	39	46	46	37	49	31	28	29	31	33	33	38	34	32.4
Modena	Maximum	36	42	51	49	51	46	50	68	71	68	68	72	67	58	67	71	72	65	65	62	58	59	48	40	49	63	65	59	50	46	55	57.8
	Minimum	19	3	25	34	29	21	29	26	31	38	28	29	33	20	22	25	30	39	32	36	33	29	25	18	15	27	30	34	29	28	28	27.3
Monticello	Maximum	34	30	34	43	45	40	38	49	50	54	57	60	60	53	53	58	63	61	60	60	57	53	44	31	36	57	56	49	46	42	40	48.8
	Minimum	17	12	8	28	35	11	18	28	32	39	33	35	36	20	25	30	34	35	35	31	35	32	30	19	19	27	32	35	28	26	20	27.3
Moroni	Maximum	34	42	43	43	48	39	44	52	57	58	57	65	61	50	61	68	70	53	66	60	54	62	54	34	39	56	63	54	44	47	53	52.6
	Minimum	17	14	11	32	27	11	25	23	36	33	28	31	34	20	25	30	34	36	37	39	34	30	26	22	14	24	31	26	23	23	20	36.3
Mosida	Maximum	39	40	45	50	57	43	46	50	56	58	58	64	61	51	60	65	75	73	73	70	55	67	65	38	45	58	64	63	50	50	52	56.2
	Minimum	23	23	22	37	33	20	29	30	30	28	29	31	32	20	24	30	30	44	35	52	35	30	33	22	19	28	33	42	28	23	34	30.0
Ogden §§	Maximum	36	40	51	52	55	41	49	54	65	63	68	71	53	56	68	68	74	.....	.....	58	68	47	40	50	61	64	71	52	50	48	55	[b]56.1
	Minimum	23	24	26	35	23	24	30	35	41	34	33	34	40	26	31	37	38	39	44	36	36	45	26	25	30	35	40	39	31	34	30	33.0
Panguitch	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Park City	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasadena Ranch	Maximum	50	54	52	58	60	62	58	64	60	58	62	64	62	68	70	64	60	62	60	62	58	64	60	64	66	70	72	68	66	68	72	62.5
	Minimum	26	28	24	28	30	31	28	32	28	24	32	34	28	36	34	28	26	24	28	22	24	28	30	28	30	34	36	32	24	28	34	29.0
Parowan	Maximum	39	43	55	49	50	52	67	70	69	69	71	74	68	60	70	71	72	73	67	66	58	61	55	35	48	67	68	60	50	43	54	59.8
	Minimum	25	10	10	20	17	25	27	33	35	38	32	34	36	30	30	36	35	35	40	37	34	34	31	22	18	23	31	35	28	26	25	28.8
Pinto	Maximum	33	45	47	53	49	46	43	64	67	63	69	67	68	66	66	68	70	71	65	62	57	56	42	35	50	62	62	59	50	.....	.....	[b]57.1
	Minimum	11	− 3	11	25	26	19	20	23	30	29	25	24	20	19	17	18	20	29	35	31	31	26	25	18	10	24	24	20	30	.....	.....	[b]22.0
Provo	Maximum	38	41	53	53	57	50	50	60	65	65	67	73	69	57	70	75	76	74	75	70	56	68	66	38	49	56	69	66	47	52	55	60.0
	Minimum	20	25	23	37	25	22	34	28	39	29	27	31	27	20	22	25	27	39	35	47	35	30	32	26	2	15	29	40	25	25	22	27.8
Richfield	Maximum	44	37	45	50	56	50	51	62	71	69	71	74	67	62	73	77	77	76	76	67	60	69	62	35	49	67	70	62	48	49	56	60.7
	Minimum	20	10	5	15	27	25	30	29	33	30	29	30	34	30	32	32	33	32	33	35	33	32	31	32	32	34	29	37	32	33	25	28 8
SALT LAKE CITY	Maximum	38	38	49	52	54	41	47	56	65	58	64	71	54	55	66	70	73	66	71	63	54	66	55	35	46	61	68	57	44	48	52	56.0
	Minimum	25	27	30	43	29	23	35	38	44	39	40	41	37	32	38	43	45	50	51	40	38	41	31	27	24	34	45	38	32	37	34	36.5
Scofield	Maximum	28	27	40	41	39	37	39	42	50	53	55	55	.....	.....	.....	.....	.....	.....	.....	57	46	47	49	41	36	49	53	41	26	31	43	[a]42.7
	Minimum	11	5	13	16	19	10	7	13	18	20	11	12	.....	.....	.....	.....	.....	.....	.....	25	23	21	15	10	4	8	14	24	9	10	3	[a]13.4
Springdale	Maximum	45	52	61	59	60	55	62	63	80	83	57	63	64	64	65	64	56	49	59	60	65	69	55	49	58	60	63	57	....	63	66	[a]30.9
	Minimum	31	30	34	40	44	39	30	36	40	43	46	50	35	45	44	48	40	39	41	50	44	47	32	31	28	39	44	37	35	36	34	39.1
Standrod	Maximum	36	34	41	45	43	33	45	51	62	58	61	67	56	53	66	69	69	65	62	55	52	57	52	37	45	57	60	52	39	42	54	52.2
	Minimum	10	16	17	30	25	19	26	36	43	36	32	37	33	28	26	34	....	39	35	38	28	30	25	19	23	30	39	32	25	19	26	[a]28.5
Teasdale	Maximum	37	31	36	46	53	41	43	57	61	60	57	65	40	49	58	61	67	60	65	63	62	55	41	34	50	55	60	51	41	42	41	51.0
	Minimum	21	9	13	21	39	13	27	33	45	44	29	27	31	31	24	25	28	38	34	36	33	32	28	17	21	20	20	25	23	21	17	26.6
Tooele	Maximum	39	41	51	51	54	40	50	58	65	59	61	70	58	58	68	65	62	52	72	63	55	65	59	39	46	58	66	57	43	44	64	55.9
	Minimum	16	18	28	36	29	22	30	33	43	35	34	35	41	32	30	34	34	44	45	54	37	35	31	23	24	25	40	40	30	33	25	32.8
Tremonton §§	Maximum	30	32	41	42	44	38	42	45	55	50	50	60	48	51	58	58	70	68	67	55	51	62	37	39	46	58	65	55	44	49	57	50.5
	Minimum	9	13	13	24	28	16	25	21	33	29	29	26	27	21	22	26	28	31	37	42	33	32	32	28	27	29	35	38	30	30	28	27.2
Tropic	Maximum	38	40	50	53	52	.....	.....	63	74	66	68	71	68	64	66	68	74	65	66	67	59	67	49	34	50	62	65	61	52	49	60	[b]59.3
	Minimum	22	15	13	25	35	.....	.....	22	35	38	20	29	33	30	22	24	28	33	30	31	34	31	27	23	20	32	26	29	29	26	[b]27.2
Watson (near)	Maximum	28	30	36	44	48	43	42	49	54	58	55	52	50	46	49	53	56	62	65	64	63	59	55	37	46	55	63	61	44	39	46	50.1
	Minimum	14	11	9	16	30	15	19	23	29	29	26	23	25	18	21	23	25	30	32	32	30	28	30	20	13	25	29	35	23	21	17	2 .3
Wendover	Maximum	40	42	51	49	56	47	49	56	65	63	62	67	62	57	59	72	69	67	68	66	57	71	61	44	53	56	65	63	50	52	59	5 .0
	Minimum	23	29	26	26	28	26	29	31	38	40	36	38	45	25	30	31	31	44	47	48	38	34	32	32	27	32	37	42	31	31	32	.5

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

*, [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Daily precipitation for March, 1916.

Continued from page 25.

Stations.	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	
Provo	.04	.02		.03	.25													T.	.02	.06	.56		.55	1.70				.05	T.	.06		3.34
Randolph					.05						.08							.08	.06	.10	T.	T.	.05	.06			.12	T.	.05			0.65
Reed																																
Revere	.07				.40															.40		.05	.17	.19					.15			1.43
Richfield	.60	.10		T.		.10												T.			.25	.20		.20								1.45
Richmond ‖	.05			.43	.18	.70												.09		1.32		.10	.60	.12			.22	.03	.03			3.87
Riverdale		T.	T.		T.																.36		.14	T.				.12	T			0.62
St. George (C)																																
Saltair	.04				.09															.10	.54		.16	.60				.04	.09			1.66
SALT LAKE CITY ***	.11	T.			.29	T.												.01		.56	.16		.96	.88				.04	.02			3.03
Santaquin	.15				.24															T.	1.03		*	1.20			.12	.12	.24			3.10
Scipio	.77	.06			.35	.10												T.		T.	.49		.41	.07	.02			T.		.05		2.32
Scofield (C)	.39	.04		.10	.19	.05														.02	.09	.04	.18	.03	.02				.01	.12		1.28
Silver City																																
Silver Lake ‡										2.23												3.37									1.13	6.73
Snake Creek ‖	.79			1.08	.10	.24												T.		1.32		.35	.37					.04	.07			4.36
Snowville	.18			.22																.60			.40									1.40
Spanish Fork	.15			T.	.12																.80		.38	.72					.07	.07		2.31
Springdale (C)	.20	.28			.10															T.	.58	.34	.65	.79								2.94
Standrod	.10				.11	T.	.01													.47	.08		1.65	.03					.01	.01		2.47
Sunnyside (C)	.50			.20	T.														T.		.10		.70	.75								2.25
Teasdale (C)					.01															.03	T.		T.	T.					T.	.30		0.34
Thistle	.40			.47	.40															.01	.35		.55	.65				.05		.09		2.97
Thompsons (C)	.75																			1.08												1.83
Tooele	.12			T.	.45													T.		T.	.52		T.	1.74					.05	T.		2.88
Tremonton ‖		.05			.41	.06	.11														.85		.06	.03				.06		T.		1.63
Tropic (C)					.27																.07		.27									0.61
Trout Creek Ranger (C)																																
University of Utah	.12				.37																.66		.40	.80					.05			2.40
Utah Experiment Station	.88	.45			.73	.38													.02	.93			.09	.76	.08			.02	.28	.22		4.84
Vernal (C)	.10				.40																		.60	.04					.02			1.16
Victor (C)	.03			.05																			.29									0.37
Watson (near) (C)	.03																						.06	.05	.04			.02		.02		0.22
Wendover	.06				.10																		.08									0.24
Whiskey Creek ‖	.19				.10																.34		.32	.62	.30					.07		1.94
Winder				.13																												0.13
Woodruff	.02	T.		T.	T.	.02	T.												T.	.12	T.		.05	.53					.25	.01		1.00
Woodside (C)																																

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24 hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

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SNOW CONDITIONS IN UTAH ENDING MARCH 31, 1916.

GENERAL SUMMARY.

The warm weather during March caused melting and considerable settling of the snow. The snow stakes in the northern portion of the State showed more snow at the end of March than at the end of February, while those in the south showed less, but it is very probable that the water equivalent is high. The reports from the various stations show that the amount of snow stored in the mountains was more than last year, more than the normal, and that the water supply for the coming season was also above normal. The snow that melted during the month soaked into the ground, and there were very few reports of swollen rivers or creeks.

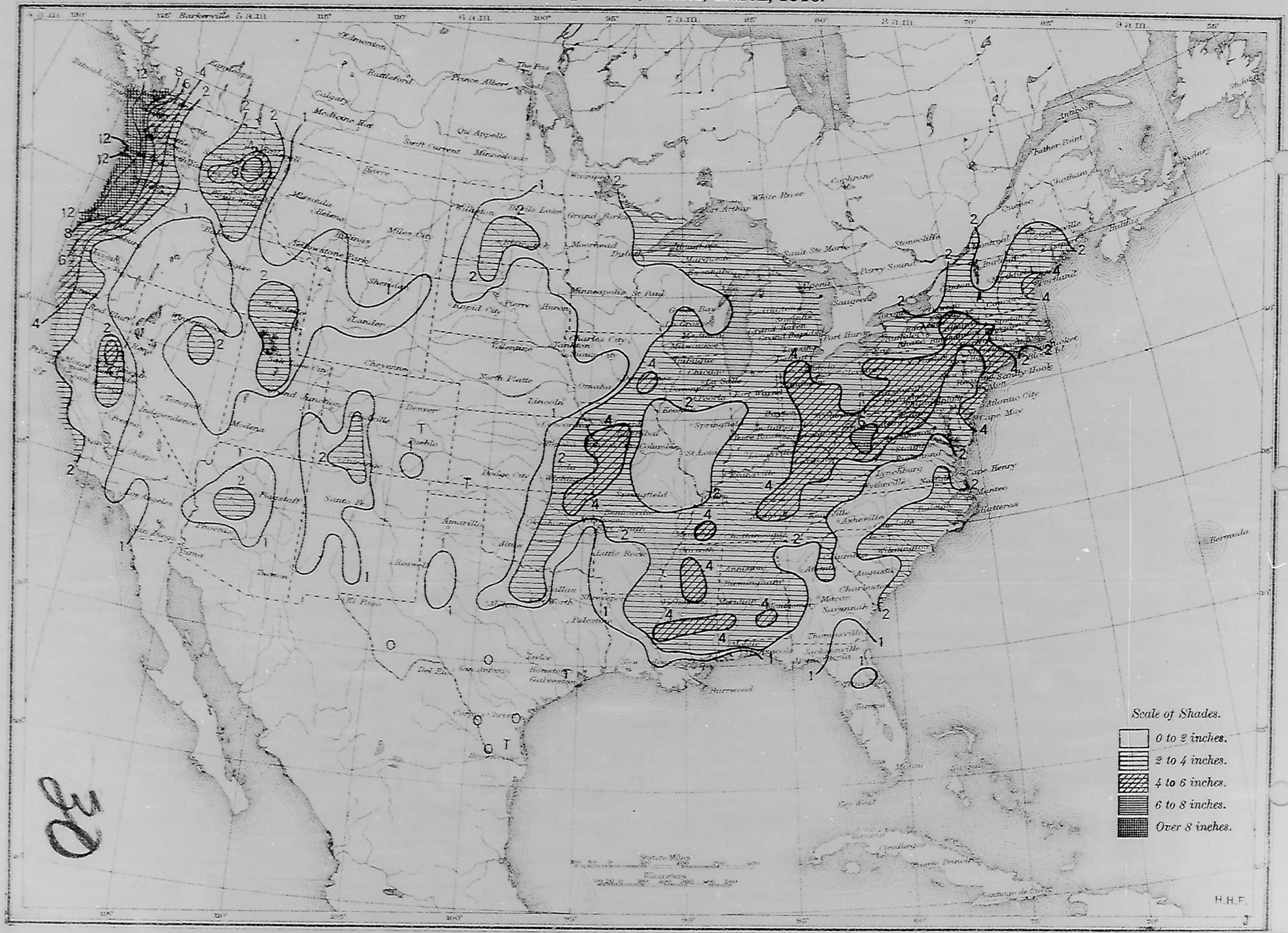
Stations.	On ground at station end of month.	Estimated depth in adjacent mountains.			Prospective water supply compared with average.
		Inches.	Compared with last year.	Compared with average.	
Great Salt Lake Watershed.					
Alpine	.....	150	+	+	+
Beaver Creek Nursery	.....	.....	..	..	..
Benmore	0	.....	..	..	..
Brigham City	0	60	+	+	+
Castle Rock	0	72	..	..	..
Cedar City	.....	.....	..	..	..
Cedar Fort	.....	48	*	*	+
Center	0	63	+	+	+
Clarkston	.....	36	+	+	+
Corinne	.....	.....	..	..	..
Cottonwood Nursery	.....	.....	..	..	..
Deep Creek	0	60	+	+	+
Elberta	.....	.....	..	..	..
Erekson	0	.....	..	..	..
Farmington	.....	.....	..	..	..
Garland	0	.....	+	*	..
Government Creek	0	24	+	+	+
Grantsville	.....	72	+	+	+
Grouse Creek	.....	14	+	*	*
Heber	0	54	+	+	+
Henefer	0	72	+	+	*
High Line City Creek	0	.....	+	+	+
Howell	.....	.....	..	..	..
Ibapah	0	.....	..	..	..
Indian Farm	0	42	+	+	+
Iosepa	.....	42	+	+	+
Kelton	0	.....	+	+	+
Lehi	.....	120	+	+	+
Lemay	.....	.....	+	*	+
Logan	.....	.....	..	..	..
Low	.....	.....	..	..	..
Lower American Fork	0	.....	..	..	..
Lower Mill Creek	0	144	+	+	+
Lucin	0	12	+	+	+
Meadowville	.....	.....	..	..	..
Midlake	0	.....	..	..	..
Midvale	0	10	+	+	+
Millville	0	84	+	+	+
Morgan	0	.....	..	..	..
Mosida	.....	.....	..	..	..
Nephi (near)	.....	.....	+	..	+
Ogden	0	33	+	+	+
Park City	.....	.....	..	..	..
Park Valley	.....	.....	..	..	..
Payson	.....	.....	..	..	..
Pine View	.....	.....	+	+	+
Provo	0	.....	*	*	+
Randolph	.....	48	+	+	+
Revier	0	38	+	+	+
Richmond	0	48	+	+	+
Riverdale	0	.....	..	..	..
Saltair	.....	14	+	+	+
SALT LAKE CITY	0	63	+	+	+
Santaquin	.....	.....	+	+	+
Silver City	.....	.....	..	..	..
Silver Lake	.....	.....	..	..	..
Snake Creek	4.0	66	+	+	+
Snowville	.....	144	+	+	*
Spanish Fork	.....	.....	..	..	..
Standrod	0	15	+	+	+
Thistle	0	.....	..	..	..
Tooele	.....	24	+	+	+
Tremonton	.....	.....	+	+	+
University of Utah	0	.....	..	..	..
Wendover	.....	.....	..	..	..
Woodruff	0	36	+	+	+
Sevier Lake Watershed.					
Beaver	.....	.....	..	..	..
Belknap Ranger Sta	.....	60	+	+	+
Black Rock	0	24	+	+	+
Burrville	.....	.....	..	..	..
Deseret	0	.....	+	+	+
Enterprise	0	9	*	*	+
Fillmore	.....	.....	..	..	..
Garrison	.....	.....	..	..	..
Hatch	0	.....	..	..	..
Joseph	0	30	+	+	+
Jozella Ranch	.....	0	*	*	+
Junction	.....	.....	..	..	..
Kanosh	.....	.....	+	+	+
Lake View Farm	0	12	*	+	+
Levan	0	.....	+	*	*
Manti	.....	.....	..	..	..
Marysvale	.....	36	+	+	+
Milford	0	.....	..	..	..
Mills	.....	42	+	+	+
Minersville	0	.....	+	+	+
Modena	0	0	−	−	−
Moroni	.....	75	+	+	+
Nada	0	.....	+	..	+
Newcastle	0	.....	..	..	..
Oak City	.....	96	+	+	+
Panguitch	.....	.....	..	..	..
Parowan	.....	.....	..	+	+
Pasadena Ranch	.....	0	..	..	..
Reed	.....	.....	..	..	..
Richfield	0	.....	..	..	..
Scipio	.....	.....	..	..	..
Utah Exp. Station	49.0	.....	..	..	..
Whiskey Creek	0	.....	+	..	+
Winder	.....	.....	..	..	..
Green and Colorado Rivers Watershed.					
Alton	.....	.....	..	..	..
Big Plains	.....	.....	..	..	..
Blanding	.....	.....	..	..	..
Bluff	.....	.....	..	..	..
Canaan	.....	.....	..	..	..
Castle Dale	.....	.....	..	..	..
Duchesne	0	84	+	+	+
East Portal	.....	.....	..	..	..
Elkhorn	.....	.....	..	..	..
Emery	0	.....	*	+	+
Ft. Duchesne	0	72	+	+	+
Fruitland	.....	72	+	+	+
Green River	0	.....	..	..	..
Hanksville	.....	.....	..	..	..
Hayden	0	.....	..	..	..
Hurricane	.....	.....	+	+	+
Kanab	.....	.....	..	..	..
La Sal	.....	.....	..	..	..
Leeds (near)	0	.....	..	..	..
Lone Tree	0	.....	..	..	..
Manila	.....	30	−	*	*
Moab	0	.....	..	..	..
Monticello	.....	36	+	+	+
Monticello Ranger Sta	.....	48	+	+	+
Mountain Home	0	48	+	+	+
Myton	0	72	+	+	+
New Harmony	.....	60	+	+	+
Orderville	0	.....	..	..	..
Pine Valley	.....	.....	..	..	..
Pinto	.....	.....	..	..	..
Price	.....	.....	..	..	..
Rockville	.....	36	+	+	+
St. George	.....	.....	..	..	..
Scofield	.....	24	*	+	+
Springdale	.....	.....	+	+	+
Sunnyside	0	48	+	*	*
Teasdale	.....	.....	..	..	..
Thompsons	0	.....	..	..	..
Tropic	.....	48	+	+	+
Trout Creek Ranger	.....	54	+	+	+
Vernal	.....	.....	..	..	..
Victor	.....	.....	..	..	..
Watson (near)	.....	0	*	*	+
Woodside	.....	.....	..	..	..

+ indicates more; − indicates less, and * indicates average.

DEPTH OF SNOW IN INCHES ON NATIONAL FORESTS.

Number of Stake	National Forest.	Elevation.	Sub-Basin.	Depth at Stakes
77	Ashley	.....	.....	4
78	do	.....	.....	6
79	do	.....	.....	6
80	do	.....	East Beaver Creek	6
81	do	.....	do	11
82	do	.....	Center Beaver Creek	12
83	do	.....	Brush Creek	18
84	do	.....	do	24
85	do	.....	do	34
86	do	.....	Ashley Creek	30
87	do	.....	do	48
88	do	.....	do	..
89	do	.....	Uinta River	20
90	do	.....	do	2
91	do	.....	do	10
92	do	.....	Dry Gulch	13
93	do	.....	Yellowstone Creek	14
94	do	.....	Lake Fork	15
97	Uinta	.....	Duchesne	..
1	Cache	.....	Middle Sink	126
2	do	.....	Left Hand Fork Garden City Canyon	117
3	do	.....	Spring Hollow	42
4	do	.....	do	84
5	do	.....	do	124
6	Fillmore	.....	B. R. P. Co's. Plant	10
7	do	.....	Little Reservoir	20
8	do	.....	Chas. White's Pasture	10
9	do	.....	Half Mile East No. 7	25
10	do	.....	Half Mile East No. 8	10
11	do	.....	Clear Creek	4
12	do	.....	do	7
13	do	.....	do	4
14	do	.....	do	5
15	do	.....	do	5
16	do	.....	Deer Creek	16
17	do	.....	do	24
18	do	.....	do	30
20	do	.....	do	..
19	do	.....	Corn Creek	..
21	do	.....	Bowen Canyon	15
22	do	.....	do	14
23	do	.....	do	12
24	do	.....	do	0
25	do	.....	do	10
26	La Sal	.....	.....	..
27	do	.....	.....	..
28	do	.....	.....	..
29	do	.....	.....	..
30	do	.....	.....	..
31	do	.....	.....	..
32	do	.....	.....	..
33	do	.....	.....	..
34	do	.....	N. Montezuma Creek	..
36	do	.....	do	..
35	do	.....	Pole Creek	..
37	do	.....	.....	..
38	do	.....	.....	..
39	do	.....	.....	..
48	Sevier	.....	.....	0
49	do	.....	Center Creek	0
50	do	.....	.....	14
51	do	.....	Summit between Sevier & Rio Virgin	14
52	do	.....	Summit between Sevier & Tropic	0
53	do	.....	.....	14
54	Uinta	.....	.....	0
55	do	.....	.....	0
56	do	.....	.....	0
57	do	.....	.....	0
58	do	.....	Bryant's Fork	47
59	do	.....	do	47
60	do	.....	do	67
61	do	.....	do	67
62	do	.....	Indian Canyon	48
63	do	.....	do	38
64	do	.....	Willow Creek	36
65	do	.....	Daniels Creek	65
66	do	.....	do	66
67	do	.....	do	66
68	do	.....	do	65
69	Wasatch	.....	Mill Creek	..
70	do	.....	do	..
71	do	.....	American Fork	7
72	do	.....	do	25
73	do	.....	Beaver Creek	..
74	do	.....	do	..
75	do	.....	Middle Black Fork	48
76	do	.....	do	45
....	.....	.....	.....	..
....	.....	.....	.....	..

Total Precipitation, Inches, March, 1916.



U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

APRIL, 1916

BY
ALFRED H. THIESSEN
METEOROLOGIST

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
MAY 17, 1916.

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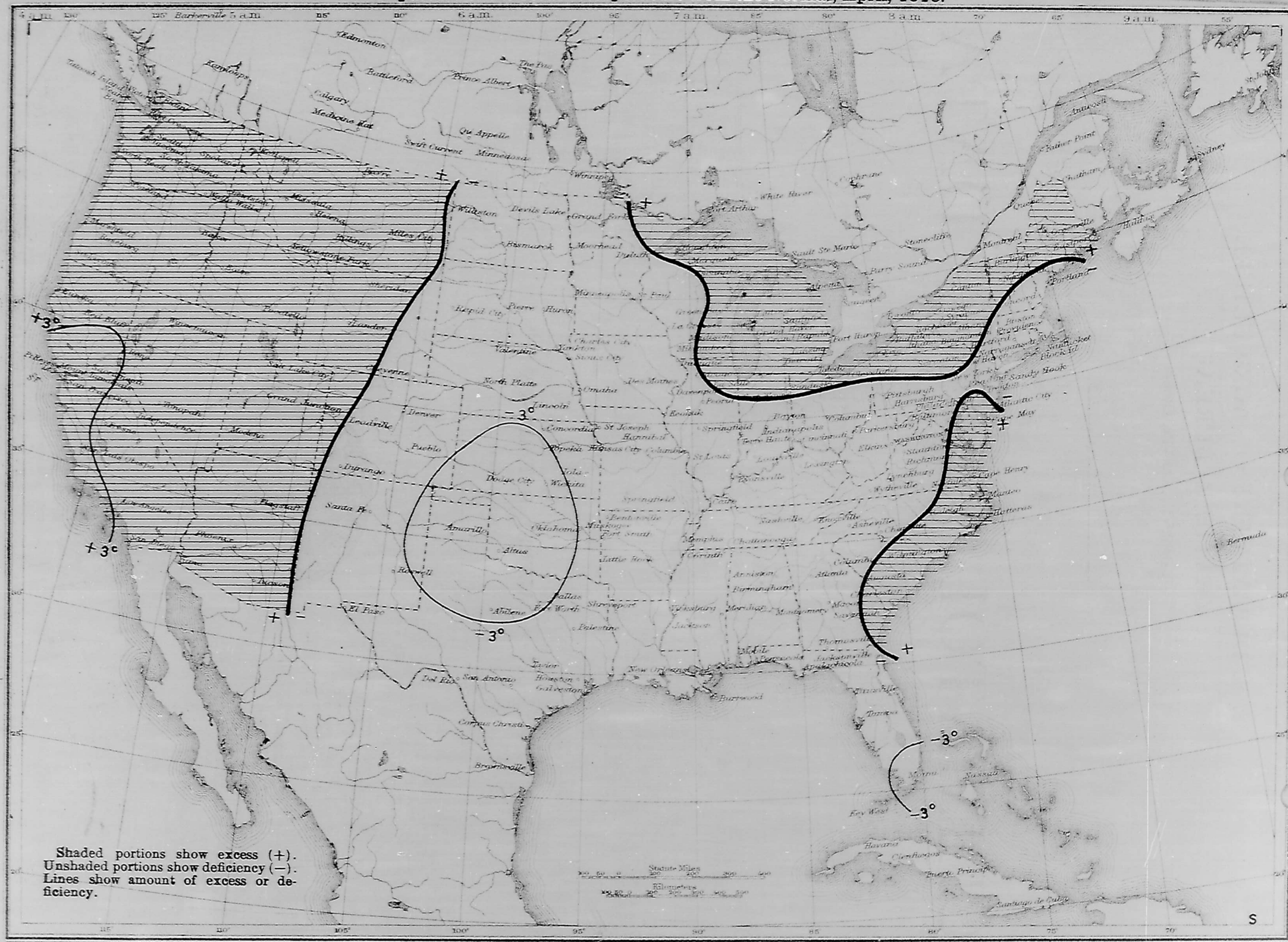
Departure of the Mean Temperature from the Normal, April, 1910.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Meteorologist.

VOL. XVIII. SALT LAKE CITY, UTAH, APRIL, 1916. No. 4.

GENERAL SUMMARY.

The temperature for the State as a whole averaged during April somewhat higher than normal, but many correspondents reported a cold backward spring. This is due to the fact, perhaps, that there were some cold days that set back the growth of the crops somewhat, but as a matter of fact, the crops at the end of the month were normally advanced. While the temperature was above normal, it was not so high as during April last year which was classed as the warmest April on record. The precipitation averaged a little more than one-half the normal, and therefore much drier than April of last year, which was one of the wettest Aprils on record. Many correspondents reported the need of rain. The ranges were dry, and in some places the grass was said to be late in coming up due to the late snows. Stock was reported in excellent condition. Apricots were in full bloom about April 3d, but a frost occurred on April 19th killing most of the crop and damaging pears, cherries, peaches, plums to some extent, but not seriously. Another frost on April 30th did further damage. All report plenty of water, and in some parts of the State irrigating had commenced.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.92 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.36 inches at Salt Lake City on the 7th.

The lowest was 29.54 inches at Modena on the 18th.

TEMPERATURE.

The monthly mean temperature for the State was 48.6°, which is 1.7° above normal. Of the 36 stations with records of 10 years or more, 6 reported monthly mean temperatures below normal, and the remainder above. The greatest plus departure was 3.8° at Black Rock, whose monthly mean was 51.8°; and the greatest minus departure was 3.4° at Thistle, whose monthly mean was 44.0°. During the first few days of the month low temperatures prevailed, but as only apricots were in bloom no serious damage resulted. Seasonable temperatures prevailed until the 19th and 20th, when the temperature fell and frosts occurred generally in the fruit districts, and some damage was sustained. After these dates generally favorable temperatures obtained for the remainder of the month. The highest temperatures occurred as a rule from the 25th to the 28th, the highest being 90° at Black Rock on the 25th and 27th. The lowest temperatures were reported on various dates, but principally on the 7th, 19th and 20th, the lowest being zero at Scofield on the 20th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 55 per cent, and at 6 p. m. 36 per cent. At Modena at 6 a. m. it was 56 per cent, and at 6 p. m. 20 per cent.

PRECIPITATION.

The precipitation for the State averaged 0.63 inch, which is 0.55 inch below normal. The greatest local monthly amount was 5.00 inches at Silver Lake, and at Belknap Ranger Station, Black Rock and Victor no rain was reported. Practically every station reported amounts below the normal for the month. The wettest periods were centered around the 3d, 12th, 18th, 19th and on the 29th, but there were no days of general rains. The greatest 24-hour amount was 1.28 inches at Brigham City on the 12th.

WIND.

The prevailing direction of the wind for the State was from the west. The average velocity at Salt Lake City was 8.6 miles per hour; the highest 39 miles per hour from the northwest on the 11th; and the prevailing direction from the northwest. At Modena the average velocity was 11.9 miles per hour; the highest 45 miles per hour from the south on the 11th; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 85 at Salt Lake City, and 73 at Modena.

For the State the average number of clear days was 15; partly cloudy, 9; and cloudy, 6.

CORRECTIONS.

February, 1916: Castle Dale, temperature data probably erroneous, should be omitted. March, 1916: Heber, total precipitation should be 3.05 inches, departure should be +0.73 inches; precipitation on the 19th should be 0.05 inch.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days.				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	46.8	87	11	1.06	3.7	5	.....	.....	.....	.....
1893	44.4	88	1	1.15	3.2	5	9	13	8	nw.
1894	45.8	91	4	0.86	4.4	4	14	8	8	nw.
1895	49.2	94	5	0.58	1.2	2	18	8	4	sw.
1896	41.0	87	− 1	1.07	5.4	5	14	9	7	sw.
1897	47.0	93	6	0.89	.....	5	15	10	5	sw.
1898	51.5	98	8	0.72	3.4	4	16	8	6	sw.
1899	48.2	90	11	0.58	2.8	3	15	9	6	sw.
1900	45.7	88	10	2.46	7.1	10	6	10	14	sw.
1901	46.2	89	0	0.69	5.4	4	14	9	7	sw.
1902	48.5	94	7	1.16	1.3	4	15	8	7	sw.
1903	46.0	95	4	1.01	3.5	5	15	8	7	s.
1904	48.2	94	10	0.76	4.5	3	16	8	6	n.
1905	48.7	88	9	1.47	1.2	6	13	9	8	sw.
1906	48.0	94	5	2.10	6.8	8	12	9	9	n.
1907	50.6	95	2	0.96	1.0	5	12	10	8	w.
1908	49.4	89	1	0.49	1.6	3	17	8	5	s.
1909	44.7	87	− 2	1.13	4.3	5	14	8	8	n.
1910	51.3	95	7	0.39	1.1	2	16	8	6	n.
1911	46.4	88	− 2	0.80	1.8	4	14	8	8	sw.
1912	43.2	88	− 3	1.44	7.8	7	11	9	10	s.
1913	47.6	90	0	0.76	1.9	3	14	7	9	s.
1914	49.1	91	14	1.94	1.3	8	9	9	12	sw.
1915	51.7	88	15	1.72	1.0	8	10	10	10	s.
1916	48.6	90	0	0.63	1.2	3	15	9	6	w.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1916.	1st	+4.5	+4.7	+5.2	+5.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
	16th	+4.6	+5.0	+5.4	+5.7	.....	.....	.....	.....	.....	.....	.....	.....	.....

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Climatological data for April, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days.				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	7,000	1	46.0	.....	75	27	23	5†	40	0.73	.....	0.55	.....	3	16	13	1	sw.	Wm. M. Cox.
Beaver	Beaver	6,000	11	[b]44.8	− 0.3	78	28	14	19	50[b]	T.	−1.00	T.	0	0	18[b]	6[b]	4[b]	.....	S. Z. Jenkins.
Black Rock	Millard	4,872	11	[e]51.8	+ 3.8	90[e]	25†	20[e]	30	58[e]	0.00	−0.93	0.00	0	0	13	13	4	n.	Agent Salt Lake Route.
Blanding	San Juan	6,000	8	46.7	.....	74	23	23	19	32	0.65	.....	0.55	1.5	4	15	8	7	w.	E. F. Thompson.
Bluff	San Juan	4,200	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Perry A. Clark.
Brigham City	Boxelder	4,305	3	50.7	.....	78	27	28	20	33	2.04	.....	1.28	.....	5	.....	.....	.....	.....	N. Merrell Valentine.
Burrville	Sevier	6,800	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. R. Curtis.
Castle Dale	Emery	5,500	16	.....	.....	70	24†	.....	.....	.....	0.05	−0.56	0.05	0	1	22	4	4	.....	Miss Zella Jeffs.
Cedar City	Iron	5,750	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Parley Dalley.
Center ‡‡	Tooele	4,250	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. C. Peterson.
Corinne	Boxelder	4,240	45	48.9	− 1.4	80	25	25	7†	42	1.24	+0.13	0.98	T.	2	20	2	8	.....	A. C. Murphy.
Deseret	Millard	4,541	20	50.1	+ 2.3	84	27	19	8†	49	0.08	−0.79	0.08	0	1	17	8	5	n.	S. W. Western.
Duchesne	Duchesne	5,515	8	47.4	.....	79	27	23	1†	42	0.04	.....	0.04	0.5	1	11	12	7	.....	M. M. Smith.
East Portal ‡‡	Wasatch	7,606	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Reclamation Service.
Elberta	Utah	4,650	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. Walkey.
Emery	Emery	6,200	14	48.0	+ 3.5	78	25	19	5†	49	T.	−0.28	T.	T	0	.....	.....	.....	n.	H. C. Wickman.
Farmington	Davis	4,268	14	50.7	+ 2.5	80	26†	28	20	38	1.89	−0.09	0.96	2.7	4	22	5	3	n.	Chas. Boylin.
Fillmore	Millard	5,100	23	52.3	+ 2.5	85	27	26	6†	42	0.25	−1.48	0.11	1.0	3	.....	.....	.....	.....	I. J. Starley.
Ft. Duchesne	Uinta	4,941	27	[d]49.8	+ 1.8	79[d]	29	20[d]	7†	46[d]	0.01	−0.51	0.01	0	1	20[d]	5[d]	1[d]	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5	46.2	.....	79	25	19	20	50	0.15	.....	0.15	.....	1	21	4	5	w.	J. E. L. Carey.
Garland	Boxelder	4,248	3	49.0	.....	80[a]	24	26	6	40[a]	1.23	.....	0.55	T.	5	12	8	10	s.	J. T. Roberts.
Garrison	Millard	4,850	11	[k]52.2	.....	84[k]	27	22[k]	1	45[k]	0.01	.....	0.01	0	1	.....	.....	.....	.....	Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	14	48.8	+ 2.6	80	27	22	6	37	0.83	−0.23	0.28	2.0	5	22	3	5	w.	Walter James.
Green River	Emery	4,080	15	[d]55.0	+ 1.2	87[d]	24	21[d]	20	47[d]	0.10	−0.43	0.08	0	2	13[e]	9[e]	5[e]	sw.	E. E. Adams.
Hanksville	Wayne	4,200	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. J. Weber.
Heber	Wasatch	5,593	22	45.5	+ 1.5	80	28	15	20	52	0.74	−0.54	0.25	T.	6	11	8	11	s.	John Crook.
Hencfer	Summit	5,301	15	45.8	+ 2.2	80	27	20	7†	50	0.93	−0.73	0.32	1.0	5	8	12	10	nw.	Wm. Brewer.
Ibapah	Tooele	7,500	10	46.5	.....	81	27	19	7	48	0.87	.....	0.42	0.5	3	17	11	2	nw.	W. M. Chastain.
Iosepa	Tooele	4,356	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James K. Halemanu.
Kanab	Kane	4,925	7	53.6	.....	86	27	25	2†	52	1.05	.....	1.03	.....	2	.....	.....	.....	.....	D. D. Rust.
Kelton	Boxelder	4,230	35	48.4	− 1.7	80	25†	24	6†	42	0.08	−0.60	0.08	0	1	8	15	7	.....	F. W. Klock.
La Sal	San Juan	7,000	12	44.7	+ 0.5	72	28	18	20	33	0.94	+0.17	0.55	.....	5	12	16	2	.....	La Sal Live Stock Co.
Leeds (near) ‡‡	Washington	3,400	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. F. Anderson.
Lehi	Utah	4,550	2	[f]50.0	.....	85[f]	27	25[f]	20	43[f]	0.16	.....	0.15	0	2	14[f]	8[f]	2[f]	nw.	Joseph Anderson.
Lemay ‡‡	Boxelder	4,221	4	52.4	.....	83	27	32	7†	30	0.10	.....	0.10	0	1	13	12	5	.....	E. J. Ineck.
Levan	Juab	5,010	25	48.8	+ 2.4	81	27	23	20	39	0.45	−1.20	0.35	0	2	17	7	6	s.	John C. Jensen.
Logan	Cache	4,507	24	50.4	+ 3.0	77	24†	27	19	38	1.73	+0.11	1.00	2.0	4	15[b]	7[e]	6[b]	.....	Experiment Station.
Lone Tree ‡‡	Uinta	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.05	.....	0.05	0	1	17	8	5	w.	J. A. Kay.
Low ‡‡	Tooele	4,602	4	47.0	.....	80	25	21	19	37	.....	.....	.....	.....	.....	18[b]	2[b]	8[b]	.....	Agt. Western Pacific Co.
Lower American Fork ‡‡	Utah	5,063	1	51.9	.....	82	27	26	20	34	0.21	.....	0.15	.....	3	12	16	2	n.	W. S. Greenwood.
Lower Mill Creek ‡‡	Salt Lake	4,959	2	53.8	.....	82	27	27	20	30	0.74	.....	0.30	2.5	5	13	11	6	n.	D. Folker.
Lucin	Boxelder	4,504	8	48.6	.....	88	26	20	20	46	0.04	.....	0.04	0	1	13	15	2	e.	E. C. Puryear.
Manila	Uinta	6,225	5	40.2	.....	71	27	10	6†	50	0.40	.....	0.40	.....	1	10	16	4	.....	D. M. Nelson.
Manti	Sanpete	5,575	20	48.2	+ 1.9	78	27	18	20	42	0.21	−0.84	0.16	T.	2	9	3	18	.....	J. M. Anderson.
Marysvale	Piute	6,180	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. Soyka.
Meadowville ‡‡	Rich	6,200	14	[a]43.0	+ 2.9	78	27	19	6	43[a]	0.77	−1.02	0.40	1.0	3	20	4	6	.....	J. S. Moffat.
Midlake ‡‡	Boxelder	4,235	4	50.0	.....	78	23	26	19	34	.....	.....	.....	0	.....	14[a]	9[a]	6[a]	.....	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	51.0	.....	86	25	24	7	48	0.79	.....	0.28	0.2	6	14	8	8	s.	E. D. Camomile.
Milford	Beaver	4,962	7	49.6	.....	80	25	18	20	50	0.11	.....	0.10	T.	2	11	13	6	sw.	Delta Land & Water Co.
Moab	Grand	4,000	25	55.4	+ 0.1	86	23	27	6	49	0.45	−0.06	0.25	0	4	9	13	8	.....	Henry Crouse.
Modena	Iron	5,479	14	48.2	+ 1.3	78	27	21	30	44	0.23	−0.56	0.15	0	3	17	10	3	w.	U. S. Weather Bureau.
Monticello	San Juan	7,050	7	44.7	.....	74	25	20	30	37	1.22	.....	0.50	7.5	5	13	15	2	nw.	E. H. Barton.
Morgan	Morgan	5,068	10	[a]45.8	+ 0.1	79[a]	27	22[a]	7	44[b]	1.05	−0.26	0.34	0.3	7	16	10	4	.....	Dasil Smith.
Moroni	Sanpete	6,000	7	48.0	.....	79	27	19	20	38	0.30	.....	0.15	0.2	3	13	7	10	sw.	B. F. Ellason.
Mosida	Utah	4,510	3	48.8	.....	79	27	22	8†	43	0.25	.....	0.20	.....	2	7	18	5	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	45.1	.....	74[a]	24	19	20	41[a]	0.02	.....	0.02	T.	1	19	4	7	w.	Oscar Wilkins.
Nephi (near)	Juab	5,119	10	47.9	.....	80	27	20	20	42	0.28	.....	0.23	0	2	8[d]	9[d]	9[d]	n.	J. W. Jones.
Oak City	Millard	4,900	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jos. L. Anderson.
Ogden	Weber	4,310	44	52.4	+ 0.1	84	27	29	7†	42	1.68	+0.23	0.63	.....	7	26	1	3	.....	Ralph Shorten.
Pangultch	Garfield	6,560	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. L. Strombel.
Park City	Summit	7,000	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parowan	Iron	5,970	24	49.1	+ 2.2	78	27	24	19†	39	1.00	−0.08	0.98	.....	2	19	5	6	.....	Alex Matheson.
Pasadena Ranch ‡‡	Iron	5,131	1	49.1	.....	82	27	18	30	49	0.66	.....	0.45	0	6	14	14	2	sw.	W. S. Hall.
Pine View ‡‡	Summit	6,335	3	[d]41.7	.....	75[d]	27	13[d]	20	42[d]	0.60	.....	0.40	6.0	2	15[e]	0[e]	15[e]	.....	Granville Deming.
Pinto	Washington	5,907	17	[j]43.7	+ 3.6	77[j]	26	15[j]	30	51[j]	0.68	−0.25	0.51	.....	2	10[k]	5[k]	4[k]	s.	J. H. Harrison.
Price	Carbon	5,557	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter Bass.
Provo	Utah	4,532	21	50.0	+ 0.5	85	27	22	7†	48	0.30	−1.01	0.28	1.0	4	9	11	10	.....	Reclamation Service.
Richfield	Sevier	5,350	21	[e]52.6	+ 5.3	86	27	20[f]	20	47[f]	T.	−0.70	T.	0	0	18	10	2	sw.	Simon Christensen.
Riverdale ‡‡	Weber	4,310	2	50.3	.....	82	27	29	20	34	1.67	.....	0.68	T.	3	15	10	5	s.	Eugene Bone.
St. George	Washington	2,880	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ray Smith.
Saltair	Salt Lake	4,220	11	50.6	+ 3.6	72	27	32	20	29	0.95	−0.56	0.33	0	4	.....	.....	.....	.....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	41	51.6	+ 1.5	81	27	31	19	29	0.88	−1.38	0.51	0.6	7	7	14	9	nw.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	51.7	.....	88	24	24	20	44	0.67	.....	0.63	0	2	17	4	9	.....	Wm. Broadbent.
Scipio	Millard	5,260	20	49.3	− 2.9	82	27	16	20	54	0.39	−0.98	0.25	T.	4	11	8	11	sw.	Thos. Memmott.
Scofield	Carbon	7,625	6	36.6	.....	66	24	0	20	45	0.93	.....	0.21	8.0	6	13	4	13	s.	B. Newren.
Snake Creek ‡‡	Wasatch	5,950	2	43.6	.....	77	27	16	20	46	1.16	.....	0.55	5.0	4	12	16	2	s.	J. W. Orrock.
Snowville	Boxelder	.....	2	46.8	+ 1.3	80	25	16	6	52	0.14	−1.04	0.14	.....	1	18[a]	0[a]	11[a]	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	6	53.1	.....	83	25†	23	20	39	0.87	.....	0.65	T.	4	13	7	10	.....	W. P. Shippee.
Springdale	Washington	3,500	7	54.8	.....	79	27	33	7	37	1.08	.....	1.08	0	1	19	7	4	.....	F. D. Gifford.
Standrod	Boxelder	6,000	10	44.9	.....	73	24	20	19	34	0.59	.....	0.17	3.5	5	16	8	6	sw.	T. B. Jones.
Teasdale	Wayne	7,000	6	45.8	+ 2.2	71	24†	15	19	38	0.46	−0.13	0.40	3.0	3	1	13	16	w.	Henry Cullum.
Thistle	Utah	5,075	21	44.0	− 3.4	81	27	17	20†	58	0.87	−0.32	0.49	3.0	4	15	9	6	.....	John I. Hayes.
Thompsons	Grand	5,150	3	50.6	.....	77	25	26	19	43	T.	.....	T.	0	0	10	18	2	.....	J. F. Geeslin.
Tooele	Tooele	4,900	19	50.4	+ 2.0	82	27	26	1	39	1.11	−0.52	0.32	1.0	6	1	13	16	w.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	48.8	.....	80	25†	25	7	38	0.49	.....	0.20	T.	4	11	11	8	n.	A. I. Rosa.
Tropic	Garfield	7,000	18	48.8	+ 4.1	79	24†	25	20†	44	0.34	−0.50	0.34	0	1	4	25	1	nw.	E. P. Bolton.
University of Utah ‡‡	Salt Lake	4,500	2	52.6	.....	80	27	29	19†	34	0.84	.....	0.56	.....	5	21	8	1	nw.	Jos. F. Merrill.
Utah Exp. Station ‡‡	Sanpete	8,700	1	36.2	.....	62	27	7	20	37	1.00	.....	0.56	10.2	7	9	12	9	w.	Forest Service.
Vernal	Uinta	5,060	17	56.4	+ 8.3	80	26	32	6	34	0.05	−0.62	0.04	T.	2	15	0	15	w.	Mrs. S. M. Logan.
Watson (near) ‡‡	Uinta	6,210	5	48.1	.....	75	27†	18	6	39	0.01	.....	0.01	0	1	24	2	4	s.	Homer D. Ford.
Wendover	Tooele	4,237	4	53.6	.....	80	27	31	19	34	0.17	.....	0.11	.....	2	21	7	2	nw.	J. S. Cooper.
Woodruff	Rich	6,500	12	39.6	− 1.3	72	27	18	17†	44	0.86	+0.07	0.70	0.4	5	19	8	3	.....	O. J. Call.
Woodside	Emery	4,645	4	52.1	.....	80	22†	20	20	51	0.12	.....	0.12	.....	1	.....	.....	.....	.....	Frank Groussman.
For the State	.....	.....	.....	48.6	+ 1.7	90	25†	0	20	58	0.63	−0.55	1.28	1.2	3	15	9	6	w.	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing: for example, [c] represents three days missing, etc.

‡‡ Post-office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Kanarra; of Lemay, Lucin; of Lone Tree, Jensen; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily precipitation for April, 1916.

Stations.	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	
Alpine																			.25													
Alton (C)				.55							.15	.03																				0.25
Beaver										T.																						0.73
Beaver Creek Nursery																		.04	.32										T.	T.		T.
Belknap Ranger Station‡																																
Benmore		.06										.06						.22	.08													0.00
Big Plains (C)			.80	.15							T.	T.																				0.42
Black Rock																																0.95
Blanding (C)			.06	.55	T.					.03		.01						T.				T.										0.00
Bluff (C)																																0.65
Brigham City		.16	.12									1.28						.20	.28													
Burrville																																2.04
Canaan (C)				1.25	.16								.02																			
Castle Dale (C)			.05																													1.43
Castle Rock		.18			.25							.05						.05	.25										.03			0.05
Cedar City																																0.81
Cedar Fort																																
Center																																
Clarkston		.15									.85							.25	.20													
Corinne												.98							.26													1.45
Cottonwood Nursery																																1.24
Deep Creek	T.	.08		T.		.05					.50						.39	.04								T.			T.	T.		1.06
Deseret																		.08														0.08
Duchesne (C)		T.										T.						T.	T.													0.04
East Portal (C)																													.04			
Elberta																																
Elkhorn (C)																																
Emery‡ (C)											T.	T.																				
Enterprise			.86								.20																					T.
Erekson	.10	T.				T.				.05									.07													1.05
Farmington		.96										.38						.13	.42										.05	.02		0.29
Fillmore						T.						T.						.11	.10										T.			1.89
Ft. Duchesne (C)			.01																										T.	.04		0.25
Fruitland (C)												.15																				0.01
Garland		.13		T.	T.	.09					.55	T.						.13	.33										T.			0.15
Garrison												.01																				1.23
Government Creek		.03	.10								T.	.28						.27	.15									T.	T.		0.01
Grantsville		.15	.03								.44						.45	.22														0.83
Green River (C)																			.02							.08						1.29
Grouse Creek																																0.10
Hanksville (C)																																
Hatch			.04	.47							.08							T.														
Hayden (C)		.01									.01					T.																0.59
Heber	.04		.25		.05							.10							.10	.20						T.			T.	T.		0.02
Henefer		.30			.10						T.	.05						.16	.32					T.				T.	T.		0.74
High Line City Creek		.22										.12						.16	.80													0.93
Howell																																1.30
Hurricane (C)			.50	.15						.20																						
Ibapah	T.	.19									.26							.42	T.										T.			0.85
Indian Farm		.08	.02									.39						.18	.11													0.87
Iosepa																																0.78
Joseph																																
Jozela Ranch				.42														.03											.02			0.05
Junction			.07																													0.42
Kanab (C)				1.03	.02														.02										T.			0.09
Kanosh																																1.05
Kelton		T.																.10											.04			0.14
Lake View Farm						.03						T.					.08									T.						0.08
La Sal (C)				.55	.04								T.	.25				.17	T.													0.20
Leeds, (near) (C)																			.08										T.	.02		0.34
Lehi		.15										.01																				
Lemay		.10																														0.16
Levan		T.									T.							.35	.10													0.10
Logan		.28			T.	T.					1.00						.12	.33									T.					0.45
Lone Tree (C)			.05									T.							T.													1.73
Low																																0.05
Lower American Fork	.02	.15		.04																												
Lower Mill Creek		.06	.02									.18						.18	.30	T.												0.21
Lucin											.04																					0.74
Manila (C)												.40																				0.04
Manti											.05							T.	.16										T.	T.		0.40
Marysvale																																0.21
Meadowville		.25										.40						.12														
Midlake																																0.77
Midvale		.10	.05		T.	T.						.23					.10	.28	T.													
Milford				.01		T.																							.03	T.		0.79
Mills												.08						.08	.11											.10		0.11
Millville			.32		.08	T.					T.	.98						.27	.07									T.				0.27
Minersville				.06		T.						.03																				1.72
Moab (C)			T.	T.										.03				.25			.03							.14				0.09
Modena ***			.03	.12								.08						T.														0.45
Monticello (C)				.50							.04		.30						.33										.05			0.23
Monticello Ranger Sta. (C)												.36	.62	1.12				.08	.34	.03									.18			1.22
Morgan		.16	.32		.07	T.						.05																				2.28
Moroni						T.					.06	.09						T.	.15									T.	T.			1.05
Mosida												.05							.20													0.30
Mountain Home‡ (C)																																0.25
Myton (C)												.03																	T.	.02		0.02
Nada		T.	.18	.01							.06							T.														0.03
Nephi (near)												.05								.23										T.		0.25
New Castle																																0.28
New Harmony (C)																																
Oak City																																
Ogden		.26	.35		.02							.03						.12	.25	.05												1.68
Orderville (C)			.07	1.03	.04						.05																					1.19
Panguitch																																
Park City																																
Park Valley (near)		.09									T.	.02					T.				T.				T.							0.11
Parowan				.08		T.					.02	T.																				1.00
Pasadena Ranch			.10	.45							.08	.01						.01											.01			0.66
Payson											.10							.26	.17													0.53
Pine View					.20	T.					T.	T.						T.	.40													0.60
Pinto (C)				.51								.17																				0.68
Price (C)																																
Provo		.02	T.			T.	T					.03						.06	.28										T.	T.		0.39

Continued on page 38.

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Daily temperatures for April, 1916.

Stations.		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	Mean.
Blanding	Maximum	53	55	47	47	42	42	49	60	64	62	62	46	47	61	60	60	59	49	52	57	62	61	74	65	62	62	66	67	66	46	....	56.8
	Minimum	28	33	39	31	30	28	28	31	32	40	40	37	35	33	38	41	42	34	23	34	44	42	43	43	43	48	42	45	40	30	....	36.6
Corinne	Maximum	61	60	57	58	51	50	56	62	65	75	72	50	57	60	61	65	67	65	60	54	61	62	75	75	80	77	74	79	55	62	....	63.5
	Minimum	36	35	33	30	33	29	25	27	35	35	47	28	33	32	38	35	38	30	25	30	33	37	35	33	46	45	42	41	35	28	....	34.3
Deseret	Maximum	67	65	61	62	56	56	60	67	75	80	67	58	58	66	70	76	74	53	45	62	74	75	78	80	82	82	84	80	52	58	....	67.4
	Minimum	27	38	38	36	32	22	20	19	26	35	53	29	28	24	34	28	45	41	31	19	30	36	34	35	43	37	40	42	37	25	....	32.8
Duchesne	Maximum	58	58	64	57	54	46	57	63	67	75	65	57	56	63	64	68	68	54	46	56	70	73	76	73	71	74	79	73	65	52	....	63.4
	Minimum	23	33	35	27	26	25	28	26	28	40	38	34	29	24	40	28	34	31	31	23	30	34	34	38	35	38	38	35	31	30	....	31.5
Elberta	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Emery	Maximum	60	61	63	65	62	63	60	62	61	72	62	60	61	60	65	71	70	68	60	61	71	75	76	75	78	77	60	69	75	66	....	66.3
	Minimum	29	25	21	23	19	22	20	25	22	29	35	30	35	36	35	26	27	25	19	22	22	41	35	38	49	42	37	38	32	29	....	29.6
Fillmore	Maximum	66	62	56	60	57	51	60	70	75	79	66	53	60	65	70	72	70	61	57	65	72	78	78	82	83	82	85	81	64	53	....	67.8
	Minimum	33	38	36	35	33	26	26	31	43	41	43	33	32	27	40	44	50	37	28	26	36	37	36	40	53	47	47	45	32	28	....	36.8
Ft. Duchesne	Maximum	54	62	55	56	....	....	58	63	73	76	65	64	65	62	73	70	71	73	69	70	71	75	73	78	75	77	....	....	79	54	....	[d]67.7
	Minimum	23	22	37	35	....	....	20	23	27	33	35	34	20	23	30	31	34	40	26	30	29	31	34	50	55	54	....	....	33	23	....	[d]32.0
Fruitland	Maximum	53	54	61	52	55	48	56	58	60	75	73	58	67	70	64	65	64	63	57	58	60	70	72	75	79	77	76	78	70	67	....	64.5
	Minimum	21	27	31	26	27	28	26	28	26	28	36	30	23	35	29	30	29	30	21	19	21	25	27	39	29	31	29	30	31	27	....	28.0
Government Creek	Maximum	61	56	54	54	51	48	55	64	68	75	67	50	51	61	62	68	70	64	46	58	70	65	72	77	75	76	80	72	56	54	....	62.7
	Minimum	34	37	31	29	32	22	24	30	39	41	46	32	27	29	42	31	44	32	26	24	38	36	35	42	50	42	46	44	35	31	....	35.0
Green River	Maximum	66	70	65	65	63	57	64	....	....	81	75	79	64	68	78	79	78	72	61	63	75	82	81	87	84	84	85	....	....	57	....	[d]72.4
	Minimum	27	37	43	37	35	29	26	....	....	36	50	39	46	39	35	37	40	37	34	21	30	39	44	40	54	47	44	....	....	29	....	[d]37.5
Henefer	Maximum	61	52	52	56	52	48	55	63	66	75	64	51	57	66	61	66	67	62	46	54	63	65	70	77	78	76	80	71	58	57	....	62.3
	Minimum	31	38	33	24	30	25	20	23	28	30	39	38	23	23	29	30	31	33	27	20	28	29	25	30	35	35	30	32	37	26	....	29.4
Ibapah	Maximum	65	43	53	58	53	52	60	69	72	76	68	47	54	65	65	67	70	57	47	62	69	69	71	79	79	79	81	75	67	57	....	64.3
	Minimum	30	27	31	23	27	20	19	22	27	32	42	27	25	23	32	28	34	32	27	20	29	32	26	33	35	36	33	38	27	25	....	28.7
Kelton	Maximum	58	60	56	61	50	52	61	61	71	69	67	69	70	72	68	65	68	55	50	60	60	64	68	74	80	73	80	65	55	60	....	64.1
	Minimum	29	32	30	26	34	24	24	25	32	30	29	27	30	33	30	38	41	40	28	24	34	32	31	34	38	43	40	47	35	40	....	32.7
La Sal	Maximum	51	55	50	45	48	42	46	53	60	67	64	56	48	50	60	65	64	59	49	49	62	65	66	70	69	67	70	72	58	47	....	57.6
	Minimum	23	31	36	31	26	22	21	26	27	36	38	31	30	29	30	36	37	39	26	18	30	36	41	41	42	39	38	41	32	22	....	31.8
Leeds (near) §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lemay	Maximum	58	49	58	60	54	50	58	63	60	71	60	51	58	63	60	66	68	59	50	60	62	68	73	74	78	73	83	69	60	70	....	62.9
	Minimum	37	40	37	38	38	34	32	35	38	45	40	40	42	41	40	44	43	38	32	38	40	44	43	46	54	52	54	55	47	48	....	41.8
Levan	Maximum	63	57	54	51	51	45	56	64	69	77	63	50	54	64	65	72	70	57	43	56	65	68	75	78	76	77	81	76	47	53	....	62.6
	Minimum	30	40	38	32	33	25	24	26	31	38	46	35	32	27	36	33	44	36	29	23	32	40	37	47	47	41	42	44	35	30	....	35.1
Logan	Maximum	60	54	56	56	53	48	57	62	65	70	72	58	56	65	62	65	67	65	44	55	58	64	69	77	77	77	77	73	65	60	....	62.9
	Minimum	40	39	32	35	34	33	30	36	40	42	55	32	30	34	48	40	44	35	27	29	34	38	38	39	48	46	48	48	32	31	....	37.9
Low §§	Maximum	41	46	40	43	41	45	48	55	60	43	44	42	45	44	45	68	57	36	45	53	61	56	63	79	80	79	71	62	61	64	....	53.7
	Minimum	37	38	39	32	34	30	32	36	41	42	30	30	30	32	30	31	36	36	21	33	41	50	33	52	57	57	67	60	58	57	....	40.4
Lucin	Maximum	60	55	60	61	60	60	62	65	68	75	71	50	60	60	65	64	66	61	48	59	60	61	70	78	79	88	80	75	57	60	....	64.6
	Minimum	36	30	29	27	28	28	27	25	30	35	40	32	32	29	30	30	30	40	24	20	30	30	30	32	48	47	40	45	33	38	....	32.7
Manila	Maximum	55	60	45	40	28	39	50	60	61	60	59	70	69	62	55	67	69	50	54	50	64	63	61	70	67	69	71	70	39	40	....	57.2
	Minimum	27	25	29	20	11	10	23	23	20	10	20	23	24	28	40	27	29	21	25	26	23	21	20	25	29	27	29	34	15	13	....	23.2
Manti	Maximum	60	61	58	55	51	52	55	62	68	72	75	70	72	64	62	70	69	62	47	56	69	70	72	76	74	76	78	76	64	51	....	64.9
	Minimum	25	26	27	26	24	21	22	28	32	35	40	38	31	29	30	33	41	36	24	18	27	38	32	35	41	38	39	46	32	29	....	31.4
Meadowville	Maximum	53	45	46	....	52	42	54	56	58	70	69	45	49	59	57	57	63	58	40	49	68	60	62	69	71	69	78	62	51	54	....	[a]57.4
	Minimum	32	32	28	....	22	19	24	24	26	30	33	30	23	25	36	34	31	35	25	25	25	35	28	32	37	39	44	39	30	25	....	[a]29.9
Milford	Maximum	66	65	58	58	60	54	60	69	74	64	64	60	57	66	68	73	69	61	52	65	69	76	73	75	80	74	73	77	71	56	....	66.2
	Minimum	24	30	38	40	35	22	20	19	28	35	44	35	33	32	39	31	40	38	31	18	30	40	33	35	43	34	38	49	36	21	....	33.0
Moab	Maximum	65	69	69	55	65	56	62	67	76	82	69	63	64	66	76	78	71	72	48	61	75	78	86	84	81	82	84	85	75	57	....	70.7
	Minimum	29	38	48	42	36	27	28	30	34	33	55	43	46	38	40	39	50	45	40	28	33	46	44	42	47	47	46	49	48	33	....	40.1
Modena	Maximum	62	57	53	50	57	50	58	66	72	71	57	54	55	64	68	68	65	63	56	64	69	72	74	75	75	78	78	78	54	55	....	63.9
	Minimum	26	38	32	37	32	26	26	22	31	34	39	33	30	27	37	38	38	36	30	21	32	36	33	33	39	34	39	40	33	21	....	32.4
Monticello	Maximum	50	50	49	40	49	40	45	53	58	66	59	59	45	59	62	61	65	61	47	49	61	65	67	70	74	66	67	70	68	44	....	57.3
	Minimum	27	28	25	30	26	23	25	27	30	38	36	33	30	33	29	28	35	37	28	21	30	39	41	40	44	43	33	43	31	20	....	32.1
Moroni	Maximum	59	57	56	51	52	47	57	61	69	73	63	53	57	63	65	68	66	57	39	54	68	69	74	76	74	77	79	73	62	56	....	62.5
	Minimum	29	32	34	34	31	21	21	25	32	36	40	34	27	26	35	33	41	35	26	19	30	39	37	41	47	54	41	47	31	27	....	33.5
Mosida	Maximum	58	56	55	58	58	49	58	60	65	77	73	54	58	60	67	65	68	60	63	67	69	70	72	74	75	77	79	77	60	58	....	64.7
	Minimum	32	34	38	34	32	24	24	22	32	35	47	36	30	24	37	34	30	24	22	24	30	34	37	35	42	40	41	46	34	32	....	32.9
Ogden §§	Maximum	66	55	58	61	50	54	58	68	69	80	65	65	59	60	67	68	72	57	47	62	66	68	76	82	82	83	84	71	61	58	....	65.9
	Minimum	38	33	32	37	36	32	29	32	39	38	59	32	37	37	42	43	44	39	29	29	39	42	35	46	51	52	53	46	34	32	....	38.9
Panguitch	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Park City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Parowan	Maximum	62	57	52	50	55	50	56	64	70	72	60	52	55	60	67	69	66	60	62	62	70	72	77	75	75	77	78	74	67	50	....	63.9
	Minimum	27	37	34	32	32	29	28	27	31	38	40	32	29	28	35	39	37	35	24	24	32	39	38	45	46	43	48	44	33	24	....	34.3
Pasadena Ranch	Maximum	65	60	58	58	62	58	60	65	76	74	62	56	55	66	72	72	67	61	53	65	72	75	78	81	78	80	82	80	53	54	....	66.6
	Minimum	34	36	38	28	28	28	26	24	30	30	44	32	32	22	38	33	35	36	32	19	28	34	33	32	37	32	35	37	36	18	....	31.6
Pinto	Maximum	....	....	50	48	56	51	54	65	70	65	64	....	....	....	69	....	....	66	65	45	....	....	....	....	75	76	77	76	76	54	54	....	[b]62.8
	Minimum	....	....	36	34	26	19	21	17	22	29	22	....	....	....	23	....	....	21	23	17	....	....	....	....	25	25	26	27	32	31	15	....	[b]24.6
Provo	Maximum	65	64	59	60	56	51	57	66	71	79	77	56	57	66	66	74	71	68	48	58	68	69	77	81	80	81	85	84	70	50	....	67.3
	Minimum	30	39	40	29	34	23	22	23	28	34	51	38	28	25	33	33	33	41	29	22	36	31	30	34	39	36	37	39	39	28	....	32.8
Richfield	Maximum	68	67	54	60	57	51	60	74	82	73	73	73	59	67	70	74	78	62	49	64	76	77	80	81	82	82	86	83	70	53	....	69.5
	Minimum	23	37	35	32	28	26	27	28	43	39	40	40	45	36	44	42	40	46	40	20	....	....	....	....	....	....	....	....	39	48	36	25	....	[b]35.8
SALT LAKE CITY	Maximum	65	48	55	56	47	48	54	65	66	78	65	47	54	61	60	65	66	54	42	58	68	62	69	76	80	77	81	68	51	57	....	61.4
	Minimum	41	41	40	39	39	34	34	36	46	49	41	35	37	39	46	43	52	34	31	31	43	42	49	54	58	53	46	36	46	41	....	41.8
Scofield	Maximum	51	47	48	47	40	38	49	52	57	64	48	44	46	53	48	55	60	44	37	45	59	60	62	66	59	64	63	65	54	51	....	52.5
	Minimum	15	23	21	20	23	20	22	13	13	23	31	21	20	15	25	21	20	24	17	0	20	21	23	24	27	26	24	25	25	15	....	20.6
Springdale	Maximum	61	61	64	54	67	60	66	53	70	71	60	68	66	71	66	68	68	60	58	65	68	73	68	69	69	74	79	76	61	66	....	66.9
	Minimum	36	45	48	40	37	34	33	35	44	45	35	40	35	34	40	49	50	40	45	45	48	50	49	51	57	54	55	52	50	35	....	43.7
Standrod	Maximum	54	46	49	54	50	45	55	63	64	69	62	39	53	65	57	60	62	48	40	56	59	60	65	73	71	68	72	64	51	50	....	57.5
	Minimum	33	31	26	30	27	29	30	32	36	38	32	27	23	32	40	32	34	32	20	22	35	30	32	40	46	45	42	37	25	32	....	32.3
Teasdale	Maximum	55	60	57	47	50	40	51	56	63	70	60	60	50	51	61	66	65	60	52	66	65	66	67	71	67	68	70	71	70	45	....	60.0
	Minimum	27	32	31	32	27	27	22	21	27	33	42	30	31	27	32	33	33	35	15	29	36	44	33	35	43	35	36	45	32	25	....	31.7
Tooele	Maximum	65	53	53	55	50	46	55	61	68	79	69	55	52	61	61	64	65	56	43	57	68	62	68	77	76	77	82	71	53	56	....	61.9
	Minimum	26	39	30	33	35	32	33	36	41	47	54	33	33	36	40	40	45	36	27	28	37	41	40	45	50	51	51	48	36	36	....	38.8
Tremonton §§	Maximum	60	49	55	59	48	50	57	63	68	76	65	47	59	62	61	65	69	52	42	53	59	64	71	76	80	78	80	67	55	59	....	61.6
	Minimum	32	36	32	33	32	30	25	26	30	38	44	33	30	34	35	37	38	38	29	28	33	37	40	44	51	49	46	47	35	35	....	35.9
Tropic	Maximum	62	64	58	51	66	58	61	63	70	62	60	57	58	60	69	71	67	61	52	61	71	73	75	79	75	70	79	76	67	56	....	65.1
	Minimum	28	29	31	32	31	27	28	31	26	35	30	34	31	35	30	32	31	33	36	25	29	32	35	38	36	49	36	38	39	25	....	32.4
Watson (near)	Maximum	55	57	52	51	51	43	53	61	64	73	71	56	60	64	65	67	67	63	48	56	67	69	68	72	73	71	75	75	73	52	....	62.4
	Minimum	30	26	30	28	29	18	21	26	39	38	47	31	34	36	34	32	39	42	30	19	30	45	38	39	40	42	41	51	34	23	....	33.8
Wendover	Maximum	63	55	57	60	58	55	59	68	75	79	70	57	60	65	65	65	70	62	51	63	70	65	71	75	78	79	80	74	60	69	....	65.9
	Minimum	35	40	38	36	40	35	33	34	41	45	46	40	37	40	47	41	43	41	31	35	39	48	42	47	53	50	52	52	39	42	....	41.4

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[a], [b], [d], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Total Precipitation, inches, April, 1910.

Daily precipitation for April, 1916.

(Continued from page 35.)

Stations.	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	
Randolph																																
Reed																																
Revere	.10	.08									.07	.03													.16	.08	T.		.04			0.56
Richfield			T.	T.																												T.
Richmond ‖	.16	.04		.09	.03	.04					.94	.04					.15	.23	.03													1.75
Riverdale		.68			T.							.55						.44														1.67
St. George (C)																																
Saltair		.25										.18						.19	.33													0.95
SALT LAKE CITY ***	.08	.05				T.					.01	.10						.28	.30										.06			0.88
Santaquin												.04						.63														0.67
Scipio								T.										.25	.09						.03	.02			T.	T.		0.39
Scofield (C)					.05	.10						.14							.21	.09									.04			0.63
Silver City																			.32										.02	.04		0.38
Silver Lake ‡																					4.94									.06		5.00
Snake Creek ‖	.11	.35		T.							.15							.55												T.		1.16
Snowville																		.14														0.14
Spanish Fork		.03										.05						.14	.65	T.												0.87
Springdale (C)				1.08																												1.08
Standrod		.16									.10							.17	.10							.06						0.59
Sunnyside (C)		.10			T.						.05	T.							.20						T.							0.55
Teasdale (C)				.40						T.		.05	T.					.01				T.		T.	T.				.20	T.		0.46
Thistle					T.						.10	.12						.16	.49										T.			0.87
Thompsons (C)																												T.				T.
Tooele		.22	.05									.32						.20	.32										T.			1.11
Tremonton ‖		.02					T.					.19	T.					.08	.20													0.49
Tropic (C)				.34														T.														0.34
Trout Creek Ranger (C)																																
University of Utah		.11										.12						.04	.56										.01			0.84
Utah Experiment Station					T.	.20						.08	.08					.03	.56										.03	.02		1.00
Vernal (C)											.04	.01																		T.		0.05
Victor (C)																																0.00
Watson (near) (C)												T.						.01														0.01
Wendover		.11																.06														0.17
Whiskey Creek ‖											.13																					0.13
Winder				.04																												0.04
Woodruff		.70	.07	.04							T.	T.						.04	.01											T.		0.86
Woodside (C)												.12						T.	T.							T.						0.12

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

MAY, 1916

BY
ALFRED H. THIESSEN
METEOROLOGIST

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
JUNE 19, 1916.

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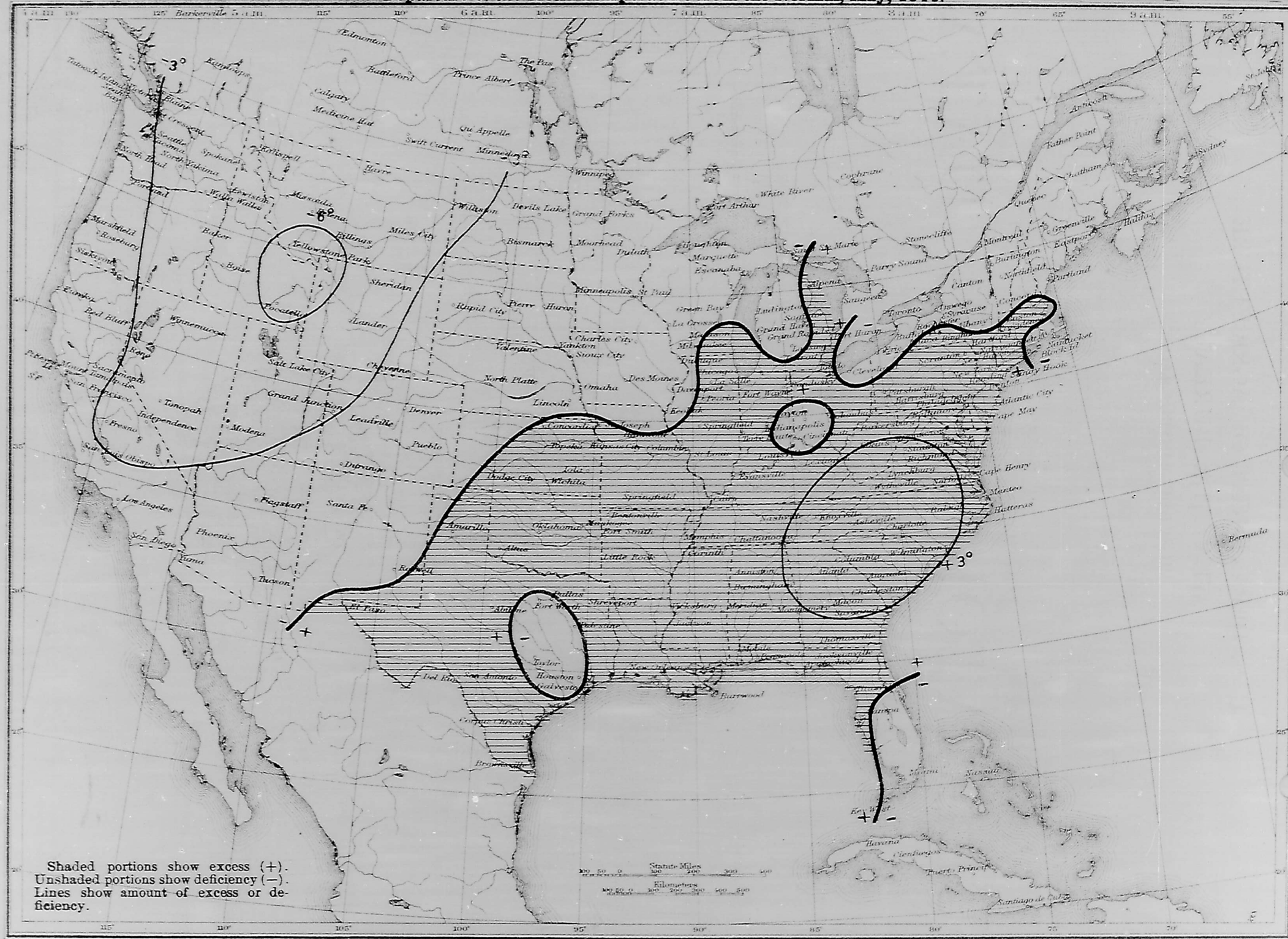
-3°
-6°
+3°
Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.
Statute Miles
Kilometers

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Meteorologist.

VOL. XVIII. SALT LAKE CITY, UTAH, MAY, 1916. No. 5.

GENERAL SUMMARY.

May was unusually cold, windy and dry. Many report that it was the coldest May for 50 years from an agricultural viewpoint, but the records show that May of 1908 was somewhat colder. The precipitation was the lightest for May since 1913, in marked contrast to May of last year, one of the wettest months of that name on record. Crops were backward in all parts of the State. Grain and alfalfa survived the cold weather in some parts of the State, while in other parts they were replanted. Beets withstood the cold admirably, but most garden products were replanted. Fruit was generally killed. There were a few instances, however, where the fruit in an entire orchard was not damaged, while in others a complete loss was sustained. Ranges were dry, and feed was reported scarce in the northwest portion of the State.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.82 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.24 inches at Salt Lake City on the 10th. The lowest was 29.26 inches at Modena on the 23d.

TEMPERATURE.

The monthly mean temperature for the State was 51.5°, which is 3.4° below normal. Of the 30 stations with records of 10 years or more, only 2 reported monthly mean temperatures above normal, and the remainder below. The greatest plus departure was 1.1° at Emery, whose monthly mean was 53°; and the greatest minus departure was 10.3° at Kelton, whose monthly mean temperature was 49.5°. The lowest temperatures occurred, as a rule, on the 10th when freezing temperatures were general. The lowest for the State was 10° at Pineview, while almost ever section of the State experienced temperatures below the freezing point. In the Provo orchard district 25° was observed, and at Tremonton 20°. The warmest portion of the month was from the 4th to the 9th, the highest temperature being 101° on the 8th at Kanab, but most stations reported their highest temperatures on the 6th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 48 per cent, and at 6 p. m. 29 per cent. At Modena at 6 a. m. it was 50 per cent, and at 6 p. m. 22 per cent.

PRECIPITATION.

The precipitation for the State averaged 0.50 inch, which is 0.99 inch below normal. The greatest local monthly amount was 1.45 inches at Pasadena Ranch. Ten stations reported an entire absence of precipitation, while three reported only traces. Every station having a record of ten years or more reported monthly amounts below normal except Cedar City, Moab and Pinto, where somewhat more than normal amounts were recorded. Practically no moisture occurred from the 1st to the 17th, inclusive. Rains were general on the 19th, and a few scattered showers fell during the week following. The greatest 24-hour amount was 1.26 inches on the 19th at Pasadena Ranch.

WIND.

The prevailing direction of the wind for the State was from the southwest. The average velocity at Salt Lake City was 9.3 miles per hour; the highest 37 miles per hour from the southeast on the 24th; and the prevailing direction from the northwest. At Modena the average velocity was 13.2 miles per hour; the highest 59 miles per hour from the south on the 23d; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 77 at Salt Lake City, and 85 at Modena.

For the State the average number of clear days was 17; partly cloudy, 8; and cloudy, 6.

CORRECTIONS.

April, 1916: Black Rock, total precipitation should be trace; greatest in 24 hours should be trace; precipitation on the 18th should be trace. Lower Mill Creek, monthly mean temperature should be 52.4°. Nada, precipitation on the 6th should be trace. Woodside, monthly mean temperature should be 53.2°.

COMPARATIVE DATA FOR MAY.

Year.	Temperature.			Average precipitation.	Total snowfall.	Number of days.				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891										
1892	54.8	98	20	1.55	9.7	7				
1893	54.8	96	12	0.77	0.1	4	15	5	9	NW.
1894	58.2	93	10	0.44	2.1	3	17	4	10	SW.
1895	57.0	99	19	1.16	3.3	6	15	9	7	SW.
1896	51.0	104	12	1.52	2.3	5	12	12	7	SW.
1897	60.2	104	12	0.42	.....	4	15	12	4	SW.
1898	53.2	94	20	3.02	.....	11	11	9	11	SW.
1899	52.8	96	15	0.79	2.7	4	11	12	8	SW.
1900	59.5	101	21	0.36	T.	2	18	8	5	SW.
1901	59.3	98	15	1.29	T.	4	14	11	6	SW.
1902	56.2	99	13	0.04	0.5	3	17	8	6	S.
1903	53.3	100	15	1.60	4.4	6	16	8	7	N.
1904	50.2	100	15	1.71	0.4	6	15	9	7	N.
1905	52.3	96	18	1.77	1.5	8	12	10	9	SW.
1906	55.1	96	13	1.98	0.2	6	15	8	8	SW.
1907	52.7	97	16	2.04	0.3	7	10	12	9	SW.
1908	50.7	90	11	2.35	6.7	8	11	9	11	SW.
1909	52.6	92	10	1.02	0.2	4	16	9	6	NW.
1910	57.8	104	15	0.42	0.5	3	16	9	6	N.
1911	55.0	100	12	0.52	0.8	2	15	10	6	SW.
1912	53.9	96	10	0.88	2.1	5	12	10	9	S.
1913	57.3	107	12	0.48	0.4	2	14	10	7	S.
1914	58.2	101	17	0.65	T.	5	15	10	6	SW.
1915	52.0	98	5	1.99	1.0	9	11	10	10	S.
1916	51.5	101	10	0.50	0.1	2	17	8	6	SW.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1916.	1st	+4.5	+4.7	+5.2	+5.6	+6.0	.....	.....	.....	.....	.....	.....	.....	.....
	15th	+4.6	+5.0	+5.4	+5.7	+6.0	.....	.....	.....	.....	.....	.....	.....	.....

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Climatological data for May, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days.				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	7,000	1	48.5	.....	78	3†	20	25	44	0.35	.....	0.30	0	2	20	9	2	sw.	Wm. M. Cox.
Beaver	Beaver	6,000	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Black Rock	Millard	4,872	11	53.0	− 2.1	90	4†	18	24†	60	0.20	−0.72	0.20	0	1	13	13	5	.....	S. Z. Jenkins.
Blanding	San Juan	6,000	8	51.2	.....	73	9	27	15	31	0.39	.....	0.39	0.5	1	23	2	6	sw.	E. F. Thompson.
Bluff	San Juan	4,200	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Agent Salt Lake Route.
Brigham City	Boxelder	4,305	3	52.5	.....	82	7	29	10	41	1.24	.....	0.45	0	5	.....	.....	.....	.....	E. Merrell Valentine.
Burrville	Sevier	6,800	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Perry A. Clark.
Castle Dale	Emery	5,500	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N. Merrell Valentine.
Cedar City	Iron	5,750	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. R. Curtis.
Center ‡‡	Tooele	4,250	4	.....	.....	87[a]	6	.....	.....	.....	0.96	+0.24	0.90	0	2	.....	.....	.....	.....	Miss Zella Tiffs.
Corinne	Boxelder	4,240	45	51.8	− 8.1	83	6	22	10	53	0.47	.....	0.47	0	1	21	6	4	n.	Parley Dalley.
Deseret	Millard	4,541	20	53.2	− 2.6	85	4†	22	1†	54	0.60	−0.84	0.48	0	2	15	6	10	.....	L. C. Peterson.
Duchesne	Duchesne	5,515	8	52.0	.....	83	6	22	1	48	0.35	−0.71	0.35	0	1	20	6	5	s.	A. C. Murphy.
East Portal ‡‡	Wasatch	7,606	3	40.4	.....	66	29	12	1	42	T.	.....	T.	T.	0	10	16	5	w.	S. W. Western.
Elberta	Utah	4,650	18	.....	.....	.....	.....	.....	.....	.....	0.08	.....	0.05	T	2	12	11	8	.....	M. M. Smith.
Emery	Emery	6,200	14	53.0	+ 1.1	85	6†	20	1†	53	0.00	−0.45	0.00	0	0	15	0	16	n.	Reclamation Service.
Farmington	Davis	4,268	14	54.0	− 1.7	86	6	26	10	45	0.31	−2.49	0.15	T.	3	25	3	3	sw.	D. C. Walkey.
Fillmore	Millard	5,100	23	55.4	− 2.1	87	4†	26	10†	43	0.77	−0.79	0.65	0	2	.....	.....	.....	.....	H. C. Wickman.
Ft. Duchesne	Uinta	4,941	27	51.8	− 4.2	85	6	21	1†	51	0.00	−0.70	0.00	0	0	21	10	0	w.	Chas. Boylin.
Fruitland	Duchesne	6,725	5	[d]49.9	.....	81[i]	7	15	15	56[i]	0.07	.....	0.07	0	1	25	5	1	w.	I. J. Starley.
Garland	Boxelder	4,248	3	51.0	.....	83	5	20	9	44	0.77	.....	0.53	0	4	10	9	12	s.	Geo. W. Dickson.
Garrison	Millard	4,850	11	[d]54.6	.....	85[j]	4	22[j]	27	53[j]	0.45	.....	0.45	.....	1	.....	.....	.....	.....	J. E. L. Carey.
Government Creek ‡‡	Tooele	5,277	14	51.0	− 2.0	84	6	22[a]	12	46[a]	0.65	−0.96	0.55	0	3	23	5	3	w.	J. T. Roberts.
Green River	Emery	4,080	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jas. F. Robison.
Hanksville	Wayne	4,200	4	54.4	.....	84	23†	25	1†	53	0.00	.....	0.00	0	0	16	13	2	sw.	Walter James.
Heber	Wasatch	5,593	22	50.8	− 0.8	80	6†	20	11†	50	0.10	−1.47	0.10	0	1	17	5	9	w.	E. E. Adams.
Henefer	Summit	5,301	15	47.2	− 3.6	83	6	15	10	54	0.21	−0.61	0.10	T.	3	14	10	7	nw.	F. J. Weber.
Ibapah	Tooele	7,500	10	47.1	.....	83	6	12	10	59	0.54	.....	0.42	0	2	10	20	1	nw.	John Crook.
Iosepa	Tooele	4,356	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wm. Brower.
Kanab	Kane	4,925	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. M. Chastain.
Kelton	Boxelder	4,230	35	49.5	−10.3	85	6	21	13	45	0.21	−0.63	0.16	0	2	6	15	10	nw.	James K. Halemanu.
La Sal	San Juan	7,000	12	[a]51.9	0.0	77[a]	8	27[a]	1	35[a]	0.54	−0.20	0.54	0	1	23	1	7	.....	D. D. Rust.
Leeds (near) ‡‡	Washington	3,400	3	.....	.....	.....	.....	.....	.....	.....	1.10	.....	1.00	.....	2	.....	.....	.....	.....	F. W. Klock.
Lehi	Utah	4,550	2	[a]52.9	.....	84[e]	8	25[e]	15	50[e]	0.92	.....	0.82	0	2	15[e]	6[e]	5[e]	nw.	La Sal Live Stock Co.
Lemay ‡‡	Boxelder	4,221	4	55.6	.....	80	6†	33	10	32	0.25	.....	0.25	0	1	14	8	9	n.	B. F. Anderson.
Levan	Juab	5,010	25	51.0	− 3.3	80	5†	26	14	44	0.45	−1.46	0.30	0	2	22	2	7	s.	Joseph Anderson.
Logan	Cache	4,507	24	51.4	− 2.9	72	6	16[a]	10	41[a]	0.91	−1.43	0.30	0	5	13[e]	10[e]	5[e]	.....	E. J. Ineck.
Lone Tree ‡‡	Uinta	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John C. Jensen.
Low ‡‡	Tooele	4,602	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Experiment Station.
Lower American Fork ‡‡	Utah	5,063	1	[a]54.2	.....	83[a]	29	29[a]	10	40[a]	0.50	.....	0.50	0	1	21	3	7	.....	J. A. Kay.
Lower Mill Creek ‡‡	Salt Lake	4,959	2	[a]53.2	.....	80[e]	4	29	10†	38[e]	0.42	.....	0.24	0	5	22[a]	4[a]	4[a]	n.	Agt. Western Pacific Co.
Lucin	Boxelder	4,504	8	51.4	.....	87	6	22	10	49	1.14	.....	0.87	T.	5	17	8	6	n.	W. S. Greenwood.
Manila	Uinta	6,225	5	46.4	.....	80	6†	15	15	45	0.65	.....	0.60	0	2	17	12	2	e.	D. Folker.
Manti	Sanpete	5,575	20	49.8	− 5.3	81	6†	20	15	45	0.39	.....	0.20	0	3	15	12	4	.....	E. C. Puryear.
Marysvale	Piute	6,180	14	.....	.....	.....	.....	.....	.....	.....	0.65	−0.49	0.54	T.	2	7	5	19	.....	D. M. Nelson.
Meadowville ‡‡	Rich	6,200	14	46.4	− 2.3	79	6	19	10	45	0.75	−1.04	0.40	T.	3	20	4	7	w.	J. M. Anderson.
Midlake ‡‡	Boxelder	4,235	4	57.2	.....	84	9	32	7	47	.....	.....	.....	.....	.....	15	9	7	e.	A. Soyka.
Midvale	Salt Lake	4,365	3	53.8	.....	89	6	22	10	51	0.70	.....	0.67	0	2	16	10	5	s.	J. S. Moffat.
Milford	Beaver	4,962	7	52.6	.....	87	4	20	14†	53	0.55	.....	0.45	0	2	12	13	6	n.	Stella M. Gibson.
Moab	Grand	4,000	25	60.6	− 3.3	91	9	30	16	47	0.90	+0.17	0.90	0	1	15	12	4	.....	E. D. Camomile.
Modena	Iron	5,479	14	51.8	− 2.8	80	4	21	14	47	0.62	−0.25	0.62	T.	2	17	13	1	sw.	Delta Land & Water Co.
Monticello	San Juan	7,050	7	50.3	.....	75	9	25	15	33	0.30	.....	0.30	0	1	24	6	1	sw.	Henry Crouse.
Morgan	Morgan	5,068	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Moroni	Sanpete	6,000	7	50.6	.....	81	6	22	15	48	0.20	.....	0.18	T.	2	11	9	11	sw.	E. H. Barton.
Mosida	Utah	4,510	3	52.7	.....	84	6	20	15	48	0.50	.....	0.40	0	2	7	2	22	.....	Dasil Smith.
Mountain Home	Duchesne	6,000	2	[b]49.6	.....	80[b]	8	20[b]	15	46[b]	0.00	.....	0.00	0	0	16[b]	9[b]	4[b]	w.	B. F. Ellason.
Nephi (near)	Juab	5,119	10	50.8	.....	83	6	20	10	47	0.96	.....	0.74	0	2	17[e]	6[e]	5[e]	s.	Mosida Fruit Lands Co.
Oak City	Millard	4,900	8	.....	.....	.....	.....	.....	.....	.....	0.03	.....	0.56	0	3	.....	.....	.....	.....	Oscar Wilkins.
Ogden	Weber	4,310	44	55.1	− 6.1	86	6	26	10	44	0.76	−1.03	0.34	0	4	24	6	1	.....	J. W. Jones.
Panguitch	Garfield	6,560	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wm. I. Alldredge.
Park City	Summit	7,000	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ralph Shorten.
Parowan	Iron	5,970	24	51.8	− 3.1	80	5†	25	12	42	0.60	−0.47	0.47	T.	2	15	9	7	.....	H. L. Strembel.
Pasadena Ranch ‡‡	Iron	5,131	1	51.6	.....	85	4	18	1†	54	1.45	.....	1.26	0	2	22	6	3	sw.	Alex Matheson.
Pine View ‡‡	Summit	6,335	3	[a]43.2	.....	78[g]	6	10[g]	10	51[g]	0.10	.....	0.10	.....	1	16[g]	0[g]	8[g]	.....	W. S. Hall.
Pinto	Washington	5,907	17	[b]46.6	− 2.8	77[b]	5	15[b]	14	46[b]	1.12	+0.20	0.87	0	2	23[b]	3[b]	3[b]	.....	Granville Deming.
Price	Carbon	5,557	4	53.2	.....	85	6	25	2	53	0.00	.....	0.00	0	0	12	15	4	nw.	J. H. Harrison.
Provo	Utah	4,532	21	52.0	− 5.2	84	6	23	1†	49	0.38	−1.37	0.23	T.	3	19	6	6	.....	s.
Richfield	Sevier	5,350	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter Bass.
Riverdale ‡‡	Weber	4,310	2	54.6	.....	84	6	24	10	43	0.83	.....	0.55	0	2	11	16	4	s.	Reclamation Service.
St. George	Washington	2,880	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. W. Jensen.
Saltair	Salt Lake	4,220	11	56.3	− 1.0	84	6	39	10	36	0.18	−1.54	0.18	0	1	.....	.....	.....	.....	Eugene Bone.
SALT LAKE CITY	Salt Lake	4,360	41	54.8	− 3.5	86	6	33	10	34	0.61	−1.34	0.56	0	4	15	7	9	nw.	David Gourley.
Santaquin	Utah	5,250	2	[a]54.2	.....	84	6	23[b]	13	41[b]	0.50	.....	0.38	T.	2	14	12	5	.....	J. E. Larson.
Scipio	Millard	5,250	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Scofield	Carbon	7,625	6	40.0	.....	70	5	11	14	44	0.11	.....	0.10	T.	2	14	3	14	s.	Wm. Broadbent.
Snake Creek ‡‡	Wasatch	5,950	2	47.3	.....	77	5†	16	15	48	0.09	.....	0.05	T.	2	17	11	3	n.	Thos. Memmott.
Snowville	Boxelder	.....	2	47.3	− 6.3	83	7	16	9†	51	0.42	−1.08	0.22	0	2	22	0	9	s.	B. Newren.
Spanish Fork	Utah	4,585	6	53.2	.....	86	6	26	10†	55	0.27	.....	0.15	T.	4	14	7	10	.....	J. W. Orrock.
Springdale	Washington	3,500	7	59.0	.....	90	8	35	14	35	0.96	.....	0.63	0	2	22	8	1	.....	J. C. Cutler.
Standrod	Boxelder	6,000	10	46.6	.....	76	6	17	11	42	1.29	.....	0.70	T.	7	18	7	6	sw.	W. P. Shippee.
Teasdale	Wayne	7,000	6	49.8	− 1.9	76	8†	21	15	48	0.03	−0.34	0.03	T.	1	5	13	13	w.	F. D. Gifford.
Thistle	Utah	5,075	21	46.0	− 7.8	82	6	18	13†	58	0.14	−1.08	0.10	0.5	2	20	7	4	.....	T. B. Jones.
Thompsons	Grand	5,150	3	57.1	.....	85	28	34	17†	44	T.	.....	T.	0	0	28	3	0	sw.	Henry Cullum.
Tooele	Tooele	4,900	19	54.2	− 1.1	85	6	27	10	40	0.81	−1.47	0.60	0	3	3	6	22	w.	John I. Hayes.
Tremonton	Boxelder	4,250	2	50.8	.....	84	6	20	10	45	0.69	.....	0.46	0	3	16	6	9	s.	J. F. Geoslin.
Tropic	Garfield	7,000	18	53.0	+ 0.8	82	6	23	16	48	0.13	−0.49	0.13	0	1	11	18	2	nw.	E. A. Bonelli.
University of Utah ‡‡	Salt Lake	4,500	2	53.6	.....	83	7	27	10	40	0.57	.....	0.50	0	3	21	8	2	nw.	A. I. Rosa.
Utah Exp. Station ‡‡	Sanpete	8,750	1	41.2	.....	67	6	16	15	31	1.00	.....	0.49	3.0	4	13	17	1	w.	E. P. Bolton.
Vernal	Uinta	5,060	17	[d]49.8	− 6.2	82	6	19[i]	15†	46[i]	0.00	−0.90	0.00	0	0	19	0	12	w.	Chas. E. Forsberg.
Watson (near) ‡‡	Uinta	6,210	5	53.4	.....	89	7	23	15	48	0.31	.....	0.22	T.	3	24	3	4	s.	Forest Service.
Wendover	Tooele	4,237	4	56.6	.....	88	6	33	10	40	0.26	.....	0.26	0	1	18	10	3	nw.	Mrs. S. M. Logan.
Woodruff	Rich	6,500	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Homer D. Ford.
Woodside	Emery	4,645	4	57.6	.....	92	15†	26[a]	27	52[a]	0.03	.....	0.03	0	1	.....	.....	.....	.....	C. Gibson.
																				O. J. Call.
																				Frank Groussman.
For the State		.....	.....	51.5	− 3.4	92	15†	10	10	60	0.50	−0.99	1.26	0.1	2	17	8	6	sw.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing: for example, [c] represents three days missing, etc.

‡‡ Post-office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Kanarra; of Lemay, Lucin; of Lone Tree, Jensen; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily precipitation for May, 1916.

Stations.	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	
Alpine																			.29	.11												0.40
Alton (C)																			.30	.05												0.35
Beaver														.04	.04			T.	T.	.08		.05		T.		T.					0.21
Beaver Creek Nursery																				.21												0.21
Belknap Ranger Station‡																			.30					.26								0.56
Benmore																																
Big Plains (C)													T.				T.		.20													0.20
Black Rock																			T.	.39												0.39
Blanding (C)																																
Bluff (C)																			.43	.03				.25	.45	.08						1.24
Brigham City																																
Burrville																																
Canaan (C)																																
Castle Dale (C)														.10					.05					.30		.15			.03			0.63
Castle Rock																			.90	.06												0.96
Cedar City																																
Cedar Fort																			.47					T.								
Center																								1.15		.15						1.30
Clarkston																			12					.48								0.47
Corinne														.06					.22	.13		.03		.36		.03					0.60
Cottonwood Nursery																																0.83
Deep Creek																																
Deseret																			.35													
Duchesne (C)														T.			T.											T.				0.35
East Portal (C)														.05						.03												T.
Elberta																																0.08
Elkhorn (C)																																
Emery‡ (C)																																
Enterprise																																
Erekson																			1.00	.07												0.00
Farmington																			.38					T.								1.07
Fillmore																			.11	.15	T.			.05								0.38
Ft. Duchesne (C)																			.65	.12												0.31
Fruitland (C)																																0.77
Garland			T.																		.07											0.00
Garrison																			.01		T.		.16	.53	T.	.07						0.07
Government Creek																		.45						T.								0.77
Grantsville													.02						.55	.08	T.			T.								0.45
Green River (C)																		.60														0.65
Grouse Creek																																0.60
Hanksville (C)																																
Hatch																																
Hayden (C)																	T.		.27													0.00
Heber																			T.													0.27
Henefer																			T.		T.	.10										0.00
High Line City Creek														T.					T.	.02		.10		T.		.09					0.10
Howell																			T.	.06	T.	T.		.02		T.						0.21
Hurricane (C)																																0.68
Ibapah																			.90													
Indian Farm																			.42					.12								0.90
Iosepa														T.					.43	T.				.03								0.54
Joseph																																0.46
Jozella Ranch																																
Junction																		1.20														0.00
Kanab (C)																			.60	.50												1.20
Kanosh																																1.10
Kelton																			.66	.10												
Lake View Farm																	T.	.16			T.			.05	T.							0.76
La Sal (C)																			.30		.05											0.21
Leeds, (near) (C)																				.54												0.35
Lehi																				1.00	.10											0.54
Lemay																			.82			.10										1.10
Levan																			.25					T.	T.	T.						0.92
Logan																			.15	.30												0.25
Lone Tree (C)																			.09				.20	.30	.15	.17						0.45
Low																																0.91
Lower American Fork																			.50													
Lower Mill Creek														.03	.02					.24	.10	.03										0.50
Lucin																			T.	.87	.08	T.		.07	.10	.02	T.					0.42
Manila (C)		.20																	.60					.05		T.						1.14
Manti														.08							.11											0.65
Marysvale														T.					T.	.54		.11										0.39
Meadowville																																0.65
Midlake																			.40			T.	T.	.20		.15						
Midvale																																0.75
Milford														T.					.67	.03				T.		T.						
Mills																			.45	.10												0.70
Millville																																0.55
Minersville																																
Moab (C)																			.48	.10												
Modena ***																			T.	.90				T.								0.58
Monticello (C)																		T.	.61	.01				T.	T.							0.90
Monticello Ranger Sta. (C)																				.40												0.62
Morgan																				.32												0.40
Moroni																																0.32
Mosida													T.			T.			T.	.02	T.	.18						T.				
Mountain Home‡ (C)																			.40	.10												0.20
Myton (C)																																0.50
Nada																																0.00
Nephi (near)																																0.00
New Castle															T.			T.	.89	.10												0.99
New Harmony (C)																			.74	.22												0.96
Oak City																																
Ogden																			.56	.05		.02										0.63
Orderville (C)																				.27				.14	.34	.01						0.76
Panguitch																																
Park City																																
Park Valley (near)																																
Parowan			.01														T.	T.	.21		.03			.07	T.	.05					T.	0.37
Pasadena Ranch																			.47	.13												0.60
Payson																			1.26	.19												1.45
Pine View													T.						.60	.10												0.70
Pinto (C)																						.10										0.10
Price (C)																			.87	.25												1.12
Provo														.11			T.		.23		.01		T.									0.00
																																0.38

Continued on page 46.

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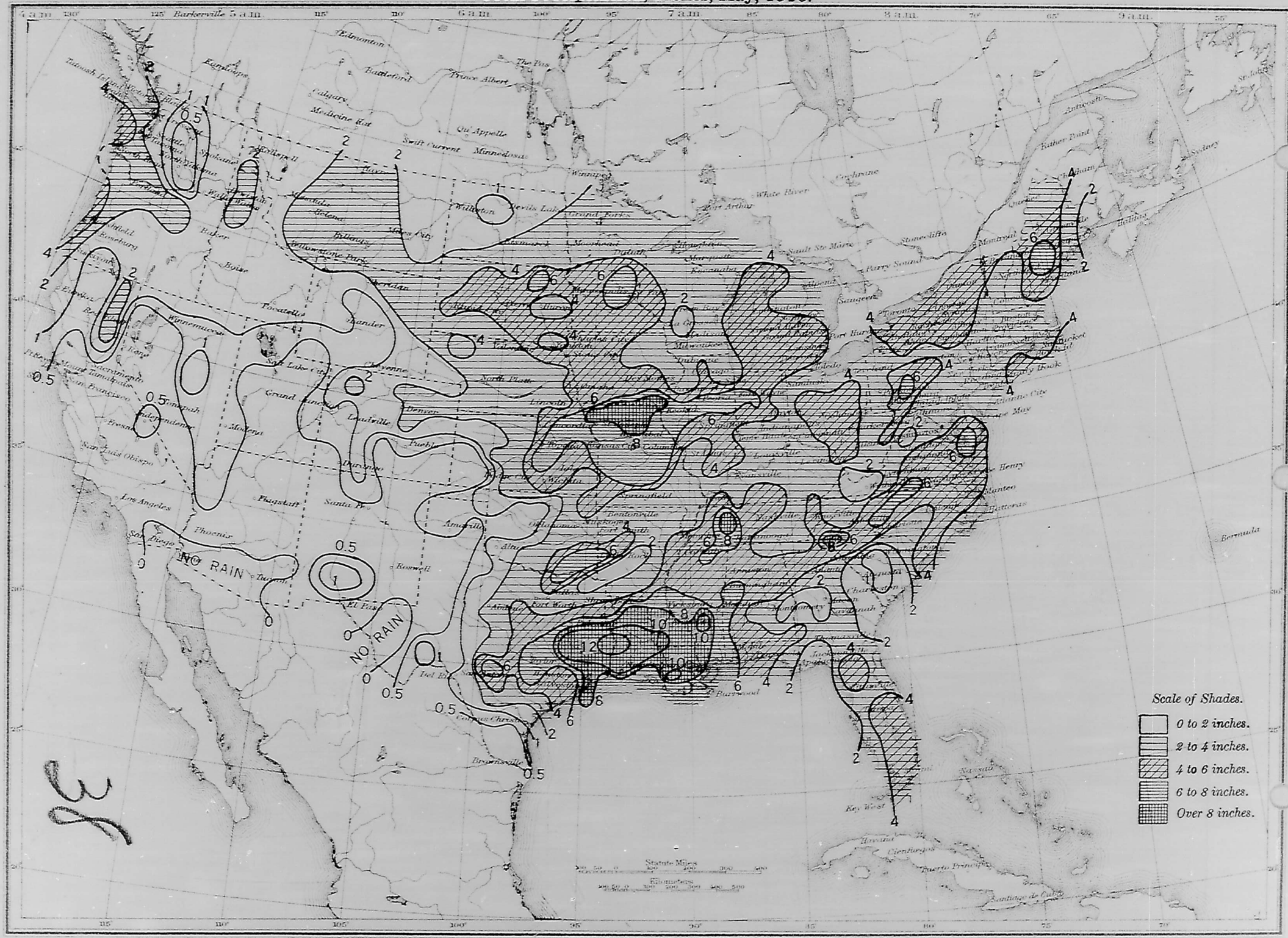
Daily temperatures for May, 1916.

Stations.		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	Mean.
Blanding	Maximum	52	58	62	65	70	68	65	66	73	68	66	65	56	55	57	55	61	59	59	54	60	61	64	62	61	59	64	63	63	65	71	62.2
	Minimum	37	39	32	40	48	49	48	49	47	44	42	38	42	32	27	30	43	41	45	32	38	44	42	51	37	32	37	39	43	42	40	40.3
Corinne	Maximum	60	65	72	79	80	83	80	80	71	55	56	60	55	58	62	65	75	78	73	64	58	78	57	57	60	61	68	75	81	78	72	68.3
	Minimum	27	35	31	41	46	53	40	33	44	22	30	30	34	35	24	29	26	25	40	44	30	34	32	38	30	39	40	41	33	47	40	35.3
Deseret	Maximum	67	68	78	85	81	83	70	85	84	68	62	64	58	55	63	73	75	75	54	65	72	72	65	55	62	67	70	76	78	78	75	70.4
	Minimum	22	38	26	37	52	47	48	31	55	29	32	27	28	22	23	26	39	43	45	44	36	40	33	42	25	30	32	36	43	47	42	36.1
Duchesne	Maximum	65	57	73	78	78	83	74	82	81	62	60	68	56	51	58	63	68	67	67	64	69	62	68	67	57	63	72	70	77	76	75	68.1
	Minimum	22	40	25	38	38	38	47	34	38	32	28	28	35	26	23	23	31	33	40	46	44	43	28	50	35	29	28	37	32	30	28	33.8
Elberta	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Emery	Maximum	60	72	75	80	81	85	85	83	81	70	66	65	62	55	56	59	65	71	77	78	76	77	78	70	71	75	76	77	78	76	75	72.7
	Minimum	20	32	22	40	42	49	38	32	30	31	28	22	28	22	28	32	23	38	37	40	31	35	38	40	38	42	36	38	32	36	38	33.4
Fillmore	Maximum	67	69	78	87	84	85	75	87	82	66	63	66	59	58	63	73	78	78	64	64	72	68	67	64	64	71	76	78	81	83	78	72.5
	Minimum	27	32	40	52	50	45	45	47	42	26	27	26	28	27	27	34	45	52	42	41	39	41	32	41	31	34	33	37	45	50	51	38.4
Ft. Duchesne	Maximum	63	67	72	73	82	85	75	82	84	71	70	69	62	55	57	53	73	72	71	73	72	67	70	74	69	68	72	75	72	80	78	71.2
	Minimum	21	41	25	27	35	54	30	31	33	34	24	25	29	23	23	21	31	34	42	33	31	40	31	34	39	30	30	40	32	34	49	32.5
Fruitland	Maximum	61	64	70	76	75	80	81	80	72	75	70	71	68	68	67	70	71	67	61	68	70	71	....	....	....	....	....	....	....	....	....	[1]70.7
	Minimum	27	30	19	35	36	34	33	24	24	26	32	31	33	21	15	24	33	29	36	40	36	35	20	33	21	22	30	32	33	35	23	29.1
Government Creek	Maximum	62	62	75	80	80	84	75	80	77	59	57	56	52	51	57	69	70	73	67	60	68	64	55	50	58	60	68	72	77	72	79	66.7
	Minimum	27	37	33	49	51	45	39	34	45	24	27	22	28	25	25	32	37	42	40	43	34	34	32	....	29	31	33	39	45	44	36	[a]35.4
Green River	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Henefer	Maximum	63	64	72	78	80	83	78	79	73	61	55	60	55	52	58	64	70	70	66	58	66	65	55	52	59	54	65	70	72	74	70	65.8
	Minimum	19	29	23	31	36	31	41	25	40	15	21	21	28	17	17	17	26	32	41	41	27	38	27	40	25	29	25	31	33	34	30	28.7
Ibapah	Maximum	69	67	80	82	78	83	66	81	75	63	52	57	54	53	52	69	71	69	64	65	74	62	55	49	55	57	61	72	78	67	68	66.1
	Minimum	21	26	26	32	38	39	35	22	41	12	19	17	22	14	15	22	28	42	36	42	31	28	31	34	24	25	23	30	35	31	29	28.1
Kelton	Maximum	70	68	71	80	79	85	60	65	63	63	52	56	55	58	62	69	72	70	58	68	68	50	58	55	62	63	70	73	77	65	60	65.5
	Minimum	29	34	29	44	44	40	36	30	43	23	29	28	21	27	24	27	37	44	44	34	32	35	35	31	34	29	34	42	37	35	35	33.5
La Sal	Maximum	58	54	61	71	76	72	76	77	....	72	64	72	64	52	49	54	58	61	61	48	57	59	63	61	61	54	61	67	66	68	67	[a]62.8
	Minimum	27	34	29	37	41	59	62	63	....	47	50	54	38	32	36	44	49	52	39	45	34	33	38	41	34	28	34	37	39	37	36	[a]41.0
Leeds (near) §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lemay	Maximum	70	70	76	76	76	80	72	68	63	58	50	57	60	60	65	70	73	70	61	60	63	62	61	58	58	62	70	76	80	75	70	66.7
	Minimum	43	46	47	53	55	55	48	45	46	33	35	34	36	40	43	40	46	48	40	44	48	45	42	40	45	42	42	46	48	50	50	44.4
Levan	Maximum	63	62	52	73	80	72	64	80	77	60	58	60	51	46	52	67	70	70	64	60	68	63	60	57	59	62	68	70	77	76	74	65.0
	Minimum	27	40	32	31	41	64	47	36	48	28	34	28	32	26	28	29	43	41	44	40	37	41	32	44	28	30	31	37	40	41	46	37.0
Logan	Maximum	63	63	73	69	67	72	70	67	65	57	45	49	58	63	57	63	70	69	70	61	67	64	54	50	54	50	66	70	71	68	59	62.7
	Minimum	31	34	45	50	50	62	58	59	42	16	20	....	28	29	29	36	41	47	46	44	38	39	34	35	36	40	40	41	42	45	44	[a]40.0
Low §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lucin	Maximum	73	72	78	80	78	87	84	75	75	56	55	57	58	57	61	66	73	71	67	67	67	60	56	50	56	58	68	75	82	80	69	68.1
	Minimum	32	40	31	43	45	38	35	30	30	22	27	26	25	30	28	25	40	45	40	38	38	32	36	40	33	37	34	36	41	42	41	34.8
Manila	Maximum	45	63	65	70	78	80	70	80	70	50	60	55	46	42	47	57	60	66	65	49	70	60	50	46	65	54	60	69	75	74	62	61.4
	Minimum	20	18	29	34	40	40	49	38	35	25	29	24	30	20	16	20	27	30	42	40	45	39	30	20	20	25	25	33	35	34	32	30.4
Manti	Maximum	62	64	72	76	78	81	74	81	74	63	62	63	53	52	56	67	68	72	66	58	67	64	64	69	58	63	69	70	76	76	75	67.5
	Minimum	24	34	27	36	39	40	47	41	34	24	24	24	26	21	20	23	35	34	42	36	31	36	28	42	22	27	28	33	34	39	40	32.0
Meadowville	Maximum	61	56	70	74	74	79	69	78	66	56	50	52	49	47	54	62	70	66	61	55	63	57	46	46	54	51	59	67	74	72	70	61.4
	Minimum	24	28	29	44	39	38	36	28	36	19	21	22	24	25	21	22	33	36	43	40	35	34	24	34	28	35	34	31	39	40	30	31.4
Milford	Maximum	67	69	74	87	73	74	74	84	74	59	61	66	58	55	63	66	75	75	75	65	75	66	72	64	57	68	74	71	78	72	69	69.7
	Minimum	22	32	26	41	42	48	43	31	52	32	30	29	32	20	20	25	47	43	48	43	37	45	33	40	22	30	35	34	40	44	37	35.4
Moab	Maximum	73	64	75	84	87	87	85	89	91	62	78	80	74	73	68	72	76	80	77	66	78	78	83	82	70	72	76	81	84	83	84	77.8
	Minimum	34	45	35	37	45	49	62	50	58	45	37	40	38	34	33	30	44	44	52	47	41	57	38	38	50	35	37	44	42	52	54	43.5
Modena	Maximum	66	70	77	80	78	78	78	78	78	64	62	67	55	58	61	67	71	70	60	63	74	69	67	54	59	65	71	73	73	73	69	68.6
	Minimum	30	31	30	43	43	40	39	34	44	30	30	28	29	21	23	28	46	42	38	42	38	46	36	29	23	30	36	37	43	36	34	34.8
Monticello	Maximum	53	51	59	70	74	73	73	74	75	70	65	67	61	46	47	57	60	64	65	53	61	65	67	68	60	59	64	66	67	67	68	63.5
	Minimum	29	34	31	37	44	44	47	45	47	40	39	36	39	27	25	26	38	37	40	31	36	44	35	47	37	30	32	37	42	38	35	37.1
Moroni	Maximum	62	62	71	79	79	81	70	78	75	58	60	62	60	51	54	65	67	66	60	57	64	61	63	61	54	59	65	67	74	72	74	65.5
	Minimum	25	41	31	41	46	48	51	35	42	24	31	25	27	24	22	29	41	43	42	41	34	37	32	43	27	29	33	35	42	42	45	35.7
Mosida	Maximum	62	66	68	73	80	84	82	82	80	58	56	60	60	55	59	66	75	72	74	62	68	72	69	59	62	65	66	71	79	76	75	68.9
	Minimum	25	40	29	40	45	50	48	34	54	28	33	30	30	35	24	20	26	38	40	39	42	37	39	35	40	26	30	35	38	39	52	40	36.5
Ogden §§	Maximum	65	67	78	83	82	86	82	80	68	59	55	61	58	59	62	74	74	76	64	68	72	61	60	54	60	80	76	77	80	78	75	70.1
	Minimum	31	40	37	46	52	63	42	36	56	26	30	35	34	29	32	33	41	47	45	46	36	35	35	44	34	42	45	45	42	47	37	40.1
Panguitch	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Park City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Parowan	Maximum	62	64	79	79	80	75	74	80	76	71	63	65	65	52	60	65	71	70	62	53	69	63	62	62	55	64	69	72	74	73	70	67.7
	Minimum	26	36	39	44	47	43	43	40	48	29	30	25	28	28	28	34	39	38	33	33	36	43	32	40	26	31	34	38	38	47	40	36.0
Pasadena Ranch	Maximum	67	69	78	85	82	83	76	82	81	65	62	69	58	60	62	71	73	73	58	60	74	72	72	51	61	68	74	76	76	76	72	70.5
	Minimum	18	29	25	34	39	41	39	28	46	33	22	30	32	18	19	22	41	37	37	42	36	40	36	40	23	30	34	34	38	37	36	32.8
Pinto	Maximum	65	66	77	72	77	....	....	70	60	65	63	65	63	60	60	65	69	70	60	60	67	68	65	48	56	64	65	70	71	72	69	[1]65.8
	Minimum	21	21	31	31	31	....	....	30	17	30	20	22	22	15	17	31	31	30	35	37	31	31	32	31	21	22	25	27	32	35	35	[1]27.4
Provo	Maximum	66	65	75	83	81	84	82	83	80	61	61	61	59	53	59	71	74	73	67	61	70	65	62	59	63	64	70	72	80	80	76	69.7
	Minimum	23	36	28	36	36	42	44	34	56	23	29	25	30	23	24	27	35	40	44	42	31	36	32	45	26	31	30	39	39	41	35	34.3
Richfield	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
SALT LAKE CITY	Maximum	64	59	75	80	80	86	69	78	72	56	51	54	52	53	58	69	70	72	57	61	69	59	54	60	60	60	66	70	79	68	71	65.5
	Minimum	36	44	41	56	58	64	44	44	40	33	35	34	40	35	35	39	48	51	47	46	42	45	38	45	39	40	42	50	54	54	46	44.0
Scofield	Maximum	53	52	62	68	70	69	59	62	65	52	51	58	47	49	51	55	57	59	54	52	58	51	60	55	47	51	50	52	68	66	65	57.0
	Minimum	20	28	19	25	30	28	30	25	22	20	15	16	21	11	18	20	23	25	31	35	29	29	18	18	17	18	19	21	28	22	31	23.0
Springdale	Maximum	64	65	75	74	88	79	68	90	79	74	70	66	64	65	64	70	68	58	61	61	77	70	70	59	65	71	77	76	76	72	73	70.6
	Minimum	36	37	40	54	56	55	56	55	60	47	46	45	40	35	40	46	58	54	45	46	45	50	51	47	36	40	44	52	52	51	52	47.5
Standrod	Maximum	65	61	74	75	71	76	70	70	62	53	52	48	48	50	56	61	66	64	49	59	62	48	46	50	49	53	60	67	72	66	52	59.8
	Minimum	33	27	33	50	47	45	28	32	30	20	17	18	24	27	24	28	44	47	37	39	37	30	26	34	34	35	35	39	40	39	35	33.1
Teasdale	Maximum	58	61	67	72	73	75	73	76	76	61	75	67	60	47	53	60	67	66	56	55	67	63	67	61	52	60	65	66	69	67	65	64.5
	Minimum	24	36	27	34	40	43	50	39	52	31	27	33	29	23	21	23	40	43	42	37	44	45	30	43	28	32	27	34	34	36	43	35.2
Tooele	Maximum	66	61	77	82	81	85	75	77	73	58	52	56	54	54	62	69	72	72	67	60	68	64	52	58	61	60	68	72	79	73	72	67.1
	Minimum	33	40	39	55	57	66	43	37	49	27	33	32	32	33	37	36	42	49	42	42	42	48	36	41	32	36	42	45	51	42	40	41.3
Tremonton §§	Maximum	65	65	72	79	78	84	59	77	65	55	55	59	55	57	60	66	71	72	60	65	68	53	54	51	56	57	66	71	79	71	79	65.3
	Minimum	32	35	31	39	48	40	36	32	41	20	29	29	31	31	29	30	44	42	47	44	32	35	33	38	30	38	34	40	40	47	45	36.2
Tropic	Maximum	66	70	76	81	75	82	81	81	78	72	73	74	62	64	68	59	68	72	67	62	75	76	77	70	59	66	74	76	75	71	72	71.7
	Minimum	33	34	39	35	40	37	41	33	37	35	32	35	37	25	30	23	49	31	40	37	35	44	32	41	27	26	22	34	36	31	30	34.2
Watson (near)	Maximum	62	61	71	75	77	81	89	81	80	77	64	68	62	52	54	62	67	69	70	64	70	69	73	72	66	62	69	69	75	75	74	69.7
	Minimum	24	30	26	45	45	52	54	37	57	29	28	29	32	25	23	25	37	42	47	39	33	43	32	52	33	30	30	37	41	51	38	37.0
Wendover	Maximum	74	78	81	83	84	88	80	75	75	62	55	55	58	57	68	70	72	73	62	71	75	67	61	53	55	62	69	75	86	79	69	70.1
	Minimum	38	39	41	51	55	57	42	38	50	33	35	37	37	40	35	40	49	52	42	47	44	41	39	39	36	44	40	45	54	52	46	43.2

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Total Precipitation, Inches, May, 1916.



Daily precipitation for May, 1916—Continued from page 43.

Stations.	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	
Randolph																			.55	.05				.05								0.65
Reed																																
Revere														.05				.01	.46		.03											0.55
Richfield																																
Richmond ‖‖														T.						.11	.02	.05	T.	.28	.43	.04						0.93
Riverdale																			.28					.55		T.						0.83
St. George.....(C)																																
Saltair																				.18												0.18
SALT LAKE CITY ***																		T.	.36	.22	.02			T.	.01	T.						0.61
Santaquin																			.38	.12												0.50
Scipio																																
Scofield.....(C)														.01								.10										0.11
Silver City																																
Silver Lake ‡																					.25											0.25
Snake Creek ‖‖														T.					.05		.04			T.								0.09
Snowville																			.20						.22							0.42
Spanish Fork														T.					.15	.06	.02	.04										0.27
Springdale .....(C)																			.63	.33												0.96
Standrod							T.												.70	.01	.07			.21	.14	.07	T.			.08	T.	1.29
Sunnyside .....(C)		T.																	*	T.												T.
Teasdale.....(C)																	T.		.03			T.	T.									0.03
Thistle													.04							T.		10										0.14
Thompsons.....(C)																			T.													T.
Toocle																			.60	.19	T.	T		.02		T.						0.81
Tremonton ‖‖																				T.	T.	T.		.20	.46		.03					0.69
Tropic .....(C)																			.13													0.13
Trout Creek Ranger...(C)																																
University of Utah																			.06	.50		.01										0.57
Utah Experiment Station																			.02	.49	.22	.27										1.00
Vernal.....(C)																																0.00
Victor.....(C)																																0.00
Watson (near).....(C)		.08																		.22	.01				T.							0.31
Wendover																			.26													0.26
Whiskey Creek ‖‖																				.57												0.57
Winder																			.41													0.41
Woodruff																																
Woodside.....(C)																			.03								T.					0.03

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

JUNE, 1916

BY
ALFRED H. THIESSEN
METEOROLOGIST

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
JULY 18, 1916.

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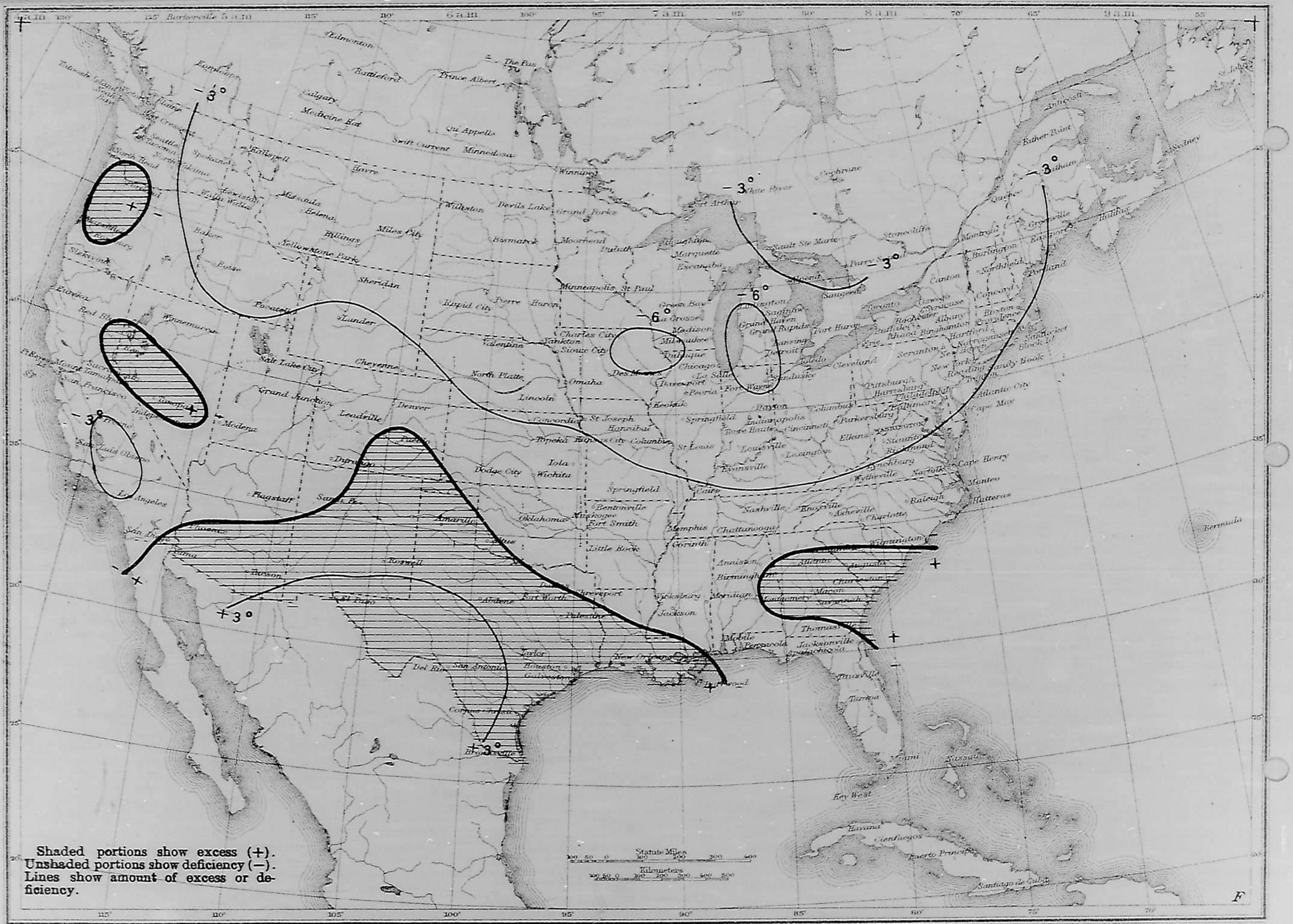
Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.
Statute Miles
Kilometers
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Meteorologist.

VOL. XVIII. SALT LAKE CITY, UTAH, JUNE, 1916. No. 6.

GENERAL SUMMARY.

June, 1916, was a very windy, dry and cool month. It was the driest June since 1912, and much drier than June of last year. Although the temperature averaged below normal, it was 1.4° higher than the average for June, 1915. The wind was especially detrimental, drying the newly irrigated fields. It was not a favorable month for crops, the growth being very slow, especially with the dry-farm products. Alfalfa made poor progress, and in some places, due to frost, it had to be cut early in the month. At the end of the month, however, haying was in progress in most of the valleys, but the crop was estimated at only 75% of the average. Range grass dried badly, but there were no reports of stock being in poor condition as a result. Wheat was ripening fast at the end of the month, and in some places rye was being harvested. Only a fair crop of currants and gooseberries was secured. At about the time of the summer solstice which occurred this year on June 21st, a cool spell was experienced, and some stations reported their lowest temperatures for the month on that or adjacent dates. A snowstorm and a minimum temperature of 22° occurred at the Utah Experiment Station on the 22d.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.82 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.13 inches at Salt Lake City on the 22d.

The lowest was 29.32 inches at Modena on the 20th.

TEMPERATURE.

The monthly mean temperature for the State was 62.2°, which is 2.2° below normal. Of the 32 stations with records of 10 years or more, only 7 reported monthly mean temperatures above normal, and the remainder below. The greatest plus departure was 1.9° at Emery, whose monthly mean was 61.8°; and the greatest minus departure was 9.2° at Kelton, whose monthly mean temperature was 61.6°. The lowest temperatures occurred usually on the 1st, 2d, 3d and 22d, and almost every station reported temperatures below freezing during some period of the month. The lowest temperature was 20° on the 2d, 7th and 23d at Scofield. The warmest period of the month was from the 14th to the 18th. The highest temperature observed was 107° at St. George on the 16th, and most stations, except those at the higher elevations, reported maximum temperatures of 90° or above.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 42 per cent, and at 6 p. m. 21 per cent. At Modena at 6 a. m. it was 40 per cent, and at 6 p. m. 10 per cent.

PRECIPITATION.

The precipitation for the State averaged 0.22 inch, which is 0.28 inch below normal. The greatest local monthly amont was 1.25 inches at Clarkston. Thirty-nine stations reported an entire absence of precipitation, while fourteen reported only traces. All stations having a record of ten years or more reported amounts below normal, except Farmington, Logan and Tooele, where slightly more than normal amounts were recorded. Scattered showers fell on the 1st, but more general showers fell on the 21st. The greatest 24-hour amount was 0.81 inch at Millville on the 21st. Snow fell at 9 stations, the greatest monthly amount being 2 inches at Meadowville.

WIND.

The prevailing direction of the wind for the State was from the southwest. The average velocity at Salt Lake City was 8.4 miles per hour; the highest 35 miles per hour from the north on the 20th; and the prevailing direction from the northwest. At Modena the average velocity was 12.1 miles per hour; the highest 44 miles per hour from the south on the 20th; and the prevailing direction from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 89 at Salt Lake City, and 94 at Modena.

For the State the average number of clear days was 23; partly cloudy, 5; and cloudy, 2.

CORRECTIONS.

May, 1916: Brigham City, date of highest temperature should be 6th; Duchesne, monthly mean temperature should be 51.0°; Logan, highest temperature and date should be 73° on the 3d; Manila, monthly mean temperature should be 45.9°; Midlake, monthly mean temperature should be 57.4°.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature.			Average precipitation.	Average snowfall.	Average No. of days.				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891										
1892	65.0	116	22	0.46	0.1	3				
1893	64.0	105	19	0.02	0	0	3	27	0	nw.
1894	61.5	106	15	0.84	0.8	4	17	10	3	sw.
1895	62.8	106	18	0.43	0	3	18	9	3	sw.
1896	70.0	112	21	0.20	0	2	16	11	3	sw.
1897	63.2	104	20	0.25	0	2	16	10	4	sw.
1898	65.2	110	22	0.78	0	3	20	7	3	sw.
1899	64.0	110	21	0.58	0	3	19	6	5	sw.
1900	69.7	111	30	0.16	0	1	22	6	2	sw.
1901	65.3	109	19	0.25	T.	1	20	6	4	sw.
1902	66.9	114	21	0.17	T.	1	23	5	2	sw.
1903	65.7	110	27	0.47	0	3	17	8	5	sw.
1904	63.3	102	21	0.47	T.	3	17	8	5	w.
1905	64.7	110	23	0.18	T.	1	21	7	2	sw.
1906	62.2	106	22	0.59	T.	2	20	6	4	sw.
1907	58.8	105	16	1.22	0.3	7	13	10	7	sw.
1908	59.6	104	20	1.09	0.1	6	16	8	6	sw.
1909	66.2	110	20	0.14	T.	1	20	7	3	sw.
1910	67.9	110	27	0.38	0	1	21	6	3	s.
1911	64.8	104	28	0.96	T.	5	13	10	7	sw.
1912	64.7	104	18	0.55	0	4	13	11	6	sw.
1913	64.0	110	23	1.57	T.	7	12	9	9	sw.
1914	62.6	104	11	2.03	1.4	8	14	8	8	s.
1915	60.8	108	19	0.73	T.	3	20	6	4	s.
1916	62.2	107	20	0.22	0.1	1	23	5	2	sw.
1891-1916	64.1	116	11	0.59	0.1	3	17	9	4	sw.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1916	1st	+4.5	+4.7	+5.2	+5.6	+6.0	+5.9							
	15th	+4.6	+5.0	+5.4	+5.7	+6.0	+5.8							

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Climatological data for June, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days.				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	7,000	1	59.6	.....	85	16†	25	1	47	0.00	.....	0.00	0	0	23	7	0	sw.	Wm. M. Cox.
Beaver	Beaver	6,000	11	[b]58.9	− 2.6	89[b]	17	27[b]	22	53[b]	0.00	−0.45	0.00	0	0	24[b]	4[b]	0[b]	.....	S. Z. Jenkins.
Black Rock	Millard	4,872	11	62.5	− 0.5	96	16	30	2†	57	0.00	−0.25	0.00	0	0	13	17	0	.....	Agent Salt Lake Route.
Blanding	San Juan	6,000	8	62.4	.....	89	17	40	1†	34	0.00	.....	0.00	0	0	30	0	0	sw.	E. F. Thompson.
Bluff	San Juan	4,200	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Perry A. Clark.
Brigham City	Boxelder	4,305	3	63.8	.....	95[a]	16	35	121	50[a]	0.67	.....	0.33†	0	3	.....	.....	.....	.....	N. Merrell Valentine.
Burrville	Sevier	6,800	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. R. Curtis.
Castle Dale	Emery	5,500	16	65.4	+ 1.8	90	15†	38	9†	43	0.00	−0.63	0.00	0	0	26	3	1	.....	Miss Zella Jeffs.
Cedar City	Iron	5,750	10	[c]67.0	+ 0.9	93	16	34[f]	22	41[f]	0.00	−0.57	0.00	0	0	27	3	0	sw.	Parley Dalley.
Center ‡‡	Tooele	4,250	4	.....	.....	97	16	.....	.....	.....	0.48	.....	0.25	0	2	23	4	3	n.	L. C. Peterson.
Corinne	Boxelder	4,240	45	63.2	− 7.2	95	17	27	13	53	0.55	−0.03	0.55	0	1	23	4	3	.....	A. C. Murphy.
Deseret	Millard	4,541	20	63.7	− 1.6	97	17	32	2	51	T.	−0.34	T.	0	0	26	1	3	n.	S. W. Western.
Duchesne	Duchesne	5,515	8	60.8	.....	89	17†	31	2†	47	T.	.....	T.	0	0	19	10	1	w.	M. M. Smith.
East Portal ‡‡	Wasatch	7,606	3	50.0	.....	79	17	22	2	49	T.	.....	T.	0	0	19	11	0	.....	Reclamation Service.
Elberta	Utah	4,650	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. Walkey.
Emery	Emery	6,200	14	61.8	+ 1.9	88	11†	30	1†	49	0.00	−0.45	0.00	0	0	6	12	12	sw.	H. C. Wickman.
Farmington	Davis	4,268	14	65.0	+ 0.3	96	17†	36	2	47	0.95	+0.12	0.60	0	2	27	2	1	sw.	Chas. Boylin.
Fillmore	Millard	5,100	23	66.6	− 1.2	95	16†	35	1	47	T.	−0.51	T.	0	0	.....	.....	.....	.....	J. J. Starley.
Ft. Duchesne	Uinta	4,941	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5	[b]59.4	.....	90[g]	27	21[h]	1	56[h]	T.	.....	T.	0	0	.....	.....	.....	.....	J. E. L. Carey.
Garland	Boxelder	4,248	3	63.3	.....	97	16	35	21	50	0.68	.....	0.29	0	5	23	4	3	s.	J. T. Roberts.
Garrison	Millard	4,850	11	[c]63.4	.....	94[c]	16	30[c]	1	48[c]	0.15	.....	0.15	0	1	.....	.....	.....	.....	Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	14	62.2	− 1.1	93	17	32	22	41	0.45	−0.14	0.28	0	2	26	3	1	w.	Walter James.
Green River	Emery	4,080	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. E. Adams.
Hanksville	Wayne	4,200	4	68.8	.....	98	17	36	2	54	0.00	.....	0.00	0	0	25	5	0	sw.	F. J. Weber.
Heber	Wasatch	5,593	22	59.6	+ 0.3	94	17	30	2†	55	0.13	−0.43	0.08	0	2	26	4	0	s.	John Crook.
Henefer	Summit	5,301	15	56.3	− 2.3	89	17†	25	3	54	0.38	−0.42	0.16	T.	4	20	8	2	w.	Wm. Brewer.
Ibapah	Tooele	7,500	10	56.8	.....	92	16	28	22	55	1.14	.....	0.75	0.5	2	17	12	1	sw.	W. M. Chastain.
Iosepa	Tooele	4,356	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James K. Halemanu.
Kanab	Kane	4,925	7	68.8	.....	101	17	35	1	57	0.00	.....	0.00	0	0	.....	.....	.....	.....	D. D. Rust.
Kelton	Boxelder	4,230	35	61.6	− 9.5	96	17	31	11†	52	0.22	−0.15	0.15	0	2	9	18	3	nw.	F. W. Klock.
La Sal	San Juan	7,000	12	[b]59.2	− 2.0	83[d]	29	34	1†	32[d]	T.	−0.62	T.	0	0	29	0	1	.....	La Sal Live Stock Co.
Leeds (near) ‡‡	Washington	3,400	3	[d]75.2	.....	99[e]	15	50[f]	22	41[g]	0.00	.....	0.00	0	0	27	3	0	.....	B. F. Anderson.
Lehi	Utah	4,550	2	[d]63.2	.....	93[d]	27	33[d]	22	48[d]	0.28	.....	0.20	0	2	19[e]	6[e]	0[e]	nw.	Joseph Anderson.
Lemay ‡‡	Boxelder	4,221	4	68.0	.....	94	27	42	21†	34	0.10	.....	0.10	0	1	22	7	1	.....	E. J. Ineck.
Levan	Juab	5,010	25	62.6	− 1.3	89	17†	35	2	42	0.00	−0.52	0.00	0	0	22	8	0	.....	John C. Jensen.
Logan	Cache	4,507	24	63.2	− 0.1	94	17	33	21	45	0.88	+0.11	0.45	0	4	25[a]	2[a]	2[a]	.....	Experiment Station.
Lone Tree ‡‡	Uinta	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Kay.
Low ‡‡	Tooele	4,602	4	[c]67.1	.....	97[c]	17	34[c]	21	44[c]	0.05	.....	0.05	0	1	24	5	1	nw.	Agt. Western Pacific Co.
Lower American Fork ‡‡	Utah	5,063	1	68.8	.....	97	27†	35	22	42	0.15	.....	0.15	0	1	22	5	3	n.	W. S. Greenwood.
Lower Mill Creek ‡‡	Salt Lake	4,959	2	.....	.....	.....	.....	34	23	.....	0.82	.....	0.45	0	4	21	6	3	n.	D. Folker.
Lucin	Boxelder	4,504	8	62.8	.....	95	16†	29	22	49	0.00	.....	0.00	0	0	28	0	2	.....	E. C. Puryear.
Manila	Uinta	6,225	5	[c]57.3	.....	95[c]	17	28[c]	2	50[c]	0.15	.....	0.15	0	1	20[c]	6[c]	1[c]	.....	D. M. Nelson.
Manti	Sanpete	5,575	20	60.2	− 3.9	88	17†	30	2†	48	0.06	−0.33	0.06	T.	1	12	10	8	.....	J. M. Anderson.
Marysvale	Piute	6,180	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. Soyka.
Meadowville ‡‡	Rich	6,200	14	57.0	+ 0.5	88	27	28	11	51	0.85	0.00	0.61	2.0	3	27	1	2	.....	J. S. Moffat.
Midlake ‡‡	Boxelder	4,235	4	67.6	.....	85	17†	42	21	38	0.10	.....	0.05	0	2	14	15	1	.....	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	64.8	.....	99	17	34	2	51	0.59	.....	0.34	0	2	26	3	1	s.	E. D. Camomile.
Milford	Beaver	4,962	7	61.5	.....	96	16	32	2	54	0.00	.....	0.00	0	0	22	8	0	sw.	Delta Land & Water Co.
Moab	Grand	4,000	25	71.0	− 1.1	100	26	42	3	47	0.00	−0.29	0.00	0	0	21	9	0	.....	Henry Crouse.
Modena	Iron	5,479	14	63.0	− 0.2	91	16	32	2	47	0.01	−0.39	0.01	0	1	25	5	0	w.	U. S. Weather Bureau.
Monticello	San Juan	7,050	7	60.2	.....	84	17	32	1	35	0.00	.....	0.00	0	0	28	2	0	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dasil Smith.
Moroni	Sanpete	6,000	7	60.9	.....	87	27	28	23	48	T.	.....	T	T.	0	21	8	1	sw.	B. F. Ellason.
Mosida	Utah	4,510	3	62.8	.....	92	27	34	2	42	0.14	.....	0.06	0	3	21	8	1	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	[c]59.8	.....	85[c]	10	32[c]	2	41[c]	0.02	.....	0.02	0	1	19[c]	5[c]	1[c]	w.	Oscar Wilkins.
Nephi (near)	Juab	5,119	10	61.4	.....	94	17	30	2	53	0.00	.....	0.00	0	0	25[a]	2[a]	2[a]	n.	J. W. Jones.
Oak City	Millard	4,900	8	67.9	.....	94	17†	36	22	43	T.	.....	T.	0	0	23	4	3	.....	Wm. I. Alldredge.
Ogden	Weber	4,310	44	64.9	− 6.2	99	17	35	1	51	0.55	−0.13	0.37	0	3	27	2	1	.....	Ralph Shorten.
Panguitch	Garfield	6,560	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. L. Strembel.
Park City	Summit	7,000	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. B. Wilson.
Parowan	Iron	5,970	24	64.4	+ 0.2	89	16	30	21	46	T.	−0.22	T.	0	0	26	2	2	.....	Alex Matheson.
Pasadena Ranch ‡‡	Iron	5,131	1	63.0	.....	93	16	32	1†	53	0.00	.....	0.00	0	0	26	4	0	sw.	W. S. Hall.
Pine View ‡‡	Summit	6,335	3	.....	.....	.....	.....	.....	.....	.....	0.00	.....	0.00	0	0	.....	.....	.....	.....	Granville Deming.
Pinto	Washington	5,907	17	57.5	− 1.7	91	16	27	3	52	0.00	−0.25	0.00	0	0	30	0	0	s.	J. H. Harrison.
Price	Carbon	5,557	4	65.8	.....	89	17†	34	7	45	0.00	.....	0.00	0	0	20	9	1	.....	Walter Bass.
Provo	Utah	4,532	21	62.0	− 3.0	94	18	31	2	50	0.21	−0.52	0.13	0	2	20	9	1	.....	Reclamation Service.
Richfield	Sevier	5,350	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. W. Jensen.
Riverdale ‡‡	Weber	4,310	2	65.4	.....	94	17†	36	11†	50	0.39	.....	0.39	0	1	19	10	1	s.	Eugene Bone.
St. George	Washington	2,880	22	.....	.....	107	16	.....	.....	.....	0.00	−0.09	0.00	0	0	29	1	0	sw.	David Gourley.
Saltair	Salt Lake	4,220	11	66.0	− 0.6	90	27	44	21†	26	0.88	−0.61	0.44	0	2	.....	.....	.....	.....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,366	41	65.9	− 2.4	96	17	40	22	35	0.66	−0.11	0.45	0	3	21	6	3	nw.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wm. Broadbent.
Scipio	Millard	5,260	20	[c]60.8	− 8.9	90[a]	16†	25[a]	3	55[a]	0.05	−0.31	0.05	0	1	.....	.....	.....	sw.	Samuel Memmott.
Scofield	Carbon	7,625	6	[c]49.6	.....	80[c]	17	20[c]	2†	54[c]	0.01	.....	0.01	T.	1	23[c]	1[c]	1[c]	s.	B. Newren.
Snake Creek ‡‡	Wasatch	5,950	2	57.2	.....	89	17	27	7	50	0.17	.....	0.10	0	2	23	6	1	nw.	J. W. Orrock.
Snowville	Boxelder	.....	2	56.6	− 4.0	95	18	21	11	59	0.66	−0.02	0.35	0	4	27	0	3	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	6	[c]64.8	.....	92[c]	27†	34[c]	21	48[c]	0.07	.....	0.07	0	1	20[g]	1[g]	2[g]	.....	W. P. Shippee.
Springdale	Washington	3,500	7	69.8	.....	94	27	46	1	35	0.00	.....	0.00	0	0	27	2	1	.....	F. D. Gifford.
Standrod	Boxelder	6,000	10	57.0	.....	84	17	30	1†	37	0.21	.....	0.07	0.7	4	27	1	2	sw.	T. B. Jones.
Teasdale	Wayne	7,000	6	58.5	− 3.1	83	17	32	2	43	0.13	−0.34	0.13	0	1	7	17	6	w.	Henry Cullum.
Thistle	Utah	5,075	21	53.6	− 9.3	90	27	25	2	56	0.19	−0.38	0.11	0	2	22	7	1	.....	John I. Hayes.
Thompsons	Grand	5,150	3	68.8	.....	93	18	41	9	44	0.00	.....	0.00	0	0	30	0	0	sw.	J. F. Geeslin.
Tooele	Tooele	4,900	19	64.7	− 0.9	94	17	37	22	40	1.03	+0.30	0.65	0	2	10	10	10	w.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	62.6	.....	95	17	34	22	42	0.63	.....	0.24	0	5	22	4	4	s.	A. I. Rosa.
Tropic	Garfield	7,000	18	62.7	+ 1.1	91	16	31	1	46	0.00	−0.43	0.00	0	0	22	8	0	nw.	E. P. Bolton.
University of Utah ‡‡	Salt Lake	4,500	2	64.2	.....	93	27	36	22	39	0.87	.....	0.54	0	3	28	1	1	nw.	Chas. E. Forsberg.
Utah Exp. Station ‡‡	Sanpete	8,750	1	53.5	.....	79	26†	25	22	36	0.18	.....	0.18	1.5	1	19	11	0	w.	Forest Service.
Vernal	Uinta	5,060	17	58.5	− 7.1	90	29	24	2	52	0.00	−0.33	0.00	0	0	25	0	5	w.	Mrs. S. M. Logan.
Watson (near) ‡‡	Uinta	6,210	5	63.8	.....	89	17†	33	2	49	T.	.....	T.	T.	0	30	0	0	s.	Homer D. Ford.
Wendover	Tooele	4,237	4	67.4	.....	96	26†	38	21†	36	0.14	.....	0.11	0	2	25	4	1	se.	C. Gibson.
Woodruff	Rich	6,500	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	O. J. Call.
Woodside	Emery	4,645	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Frank Groussman.
For the State		.....	.....	62.2	− 2.2	107	16	20	2†	59	0.22	−0.28	0.81	0.1	1	23	5	2	sw.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing; for example, [c] represents three days missing, etc.

‡‡ Post-office addresses of these stations are as follows: Of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Leeds (near), Kanarra; of Lemay, Lucin; of Lone Tree, Jensen; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Daily precipitation for June, 1916.

Stations.	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	
Alpine	T.																				.20											0.20
Alton (C)																																0.00
Beaver																																0.00
Beaver Creek Nursery	.09																				.02	.01										0.12
Belknap Ranger Station‡																																0.00
Benmore	.04																				.15	.02										0.21
Big Plains (C)																																0.00
Black Rock																																0.00
Blanding (C)																																0.00
Bluff (C)																																
Brigham City				.02																.32	.33										0.67
Burrville																																
Canaan (C)																																
Castle Dale (C)																																
Castle Rock	.10																			.08	.04										0.00
Cedar City																																0.22
Cedar Fort																																0.00
Center	.23																				.25											
Clarkston	.05			.10																.35	.75										0.48
Corinne																					.55											1.25
Cottonwood Nursery	.38				.02																.35	.02										0.55
Deep Creek																																0.77
Deseret																					T.											
Duchesne (C)																					T.											T.
East Portal (C)	T.																															T.
Elberta																																T.
Elkhorn (C)																																
Emery‡ (C)																																
Enterprise																																0.00
Erekson	.10																															0.00
Farmington					T.																.14									.05		0.29
Fillmore																	T.			T.	.35	66										0.95
Ft. Duchesne (C)																																T.
Fruitland (C)					T.						T.																					
Garland	.07			.10																												T.
Garrison																			.10	.29	.12											0.68
Government Creek	.28																				.15											0.15
Grantsville	.55																				.17											0.45
Green River (C)																					.62											1.17
Grouse Creek																																
Hanksville (C)																																
Hatch																																0.00
Hayden (C)																																0.00
Heber	.08																															0.00
Henefer	.13				.03																.05											0.13
High Line City Creek	.42																				.16	.06										0.38
Howell																						.60										1.02
Hurricane (C)																																
Ibapah	.75																															
Indian Farm	.25																				.39											1.14
Iosepa																					.30											0.55
Joseph																																
Jozella Ranch											T.																					0.00
Junction																																T.
Kanab (C)																																0.00
Kanosh																																0.00
Kelton																																
Lake View Farm															.04					T.	.07	.15										0.22
La Sal (C)																		T.														0.04
Leeds, (near) (C)																																T.
Lehi	.08																															0.00
Lemay																					.20											0.28
Levan																				.10												0.10
Logan				.13																												0.00
Lone Tree (C)																			.05	.45	.25											0.88
Low																																
Lower American Fork		.15																			.65											0.65
Lower Mill Creek	.10	.22																														0.15
Lucin																					.05	.45										0.82
Manila (C)	.15																															0.00
Manti																																0.15
Marysvale																						.06										0.06
Meadowville	T.				.20																											
Midlake																					.61	.04										0.85
Midvale	.25																				.05	.05										0.10
Milford																					.34											0.59
Mills	T.							T.																								0.00
Millville	T.				.14																T.											T.
Minersville																			T.	T.	.81											0.95
Moab (C)																																0.00
Modena ***										.01																						0.00
Monticello (C)																																0.01
Monticello Ranger Sta. (C)																			T.													0.00
Morgan																																T.
Moroni																																
Mosida	.06																				T.	T.										T.
Mountain Home‡ (C)											.02										.06	.02										0.14
Myton (C)																																0.02
Nada										T.																						0.00
Nephi (near)																																T.
New Castle																																0.00
New Harmony (C)																																
Oak City																																0.00
Ogden	.03																				T.											T.
Orderville (C)																					.15	.37										0.55
Panguitch																																0.00
Park City																																
Park Valley (near)	T.	T.																	T.	.05	.07	.03										0.15
Parowan										T.																						T.
Pasadena Ranch																																0.00
Payson	.08																				.10											0.18
Pine View																																0.00
Pinto (C)																																0.00
Price (C)																																0.00
Provo	.08								T.												.13											0.21

Continued on page 54.

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Total Precipitation, Inches, June, 1916.

F

Daily precipitation for June, 1916—Continued from page 51.

Stations.	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	
Randolph												.10									.36	T.									0.46
Reed																																0.00
Revere	.32																				.30											0.62
Richfield																																
Richmond ‖	.11			.17															.11	.20	.44											1.03
Riverdale	T.			T.																	.39											0.39
St. George (C)																																0.00
Saltair	.44																				.44											0.88
SALT LAKE CITY ***	.21				T.																.44	.01										0.66
Santaquin	.30																				.05											0.35
Scipio																						.05										0.05
Scofield (C)																						.01										0.01
Silver City																			.24													0.24
Silver Lake ‡																							.05									0.05
Snake Creek ‖	.10																				.07											0.17
Snowville				.10																.11	.10	.35										0.66
Spanish Fork	.07																			T.												0.07
Springdale (C)																																0.00
Standrod				.03	.04															.07	.07											0.21
Sunnyside (C)																																0.00
Teasdale (C)							T.			.13	T.																					0.13
Thistle	.11								T.		T.										.08											0.19
Thompsons (C)																																0.00
Tooele	.38				T.															T.	.65											1.03
Tremonton ‖		.06			.19															.01	.24	.13										0.63
Tropic (C)																																0.00
Trout Creek Ranger (C)																						.01										0.01
University of Utah	.29																				.54	.04										0.87
Utah Experiment Station																						.18										0.18
Vernal (C)																																0.00
Victor (C)																																0.00
Watson (near) (C)																						T.										T.
Wendover	.03																				.11											0.14
Whiskey Creek ‖																																0.00
Winder																																0.00
Woodruff																																
Woodside (C)																																

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

JULY, 1916

BY
ALFRED H. THIESSEN
METEOROLOGIST

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
AUGUST 16, 1916.

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Departure of the Mean Temperature from the Normal, July, 1913.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Meteorologist.

VOL. XVIII. SALT LAKE CITY, UTAH, JULY, 1916. No. 7.

GENERAL SUMMARY.

July was the most favorable month for crop growth since the beginning of the growing season. The temperatures averaged slightly below normal, but higher than July of last year. The drought of the two preceding months was broken, the precipitation averaging about 30% above normal and over four times the July average of last year. These conditions had a great beneficial effect on farm products.

The first half of the month was windy, and while there were scattered showers, the ranges became more dry, but cattle were reported in good condition. Haying was in progress at many places, and wheat and rye harvesting had begun, but these latter were light everywhere and nearly a failure in places. General rains fell in the last half of the month greatly benefiting ranges, dry-farm grain, alfalfa, beets, potatoes and other crops. Heavier rains during the last week of the month caused several floods, damaging irrigating canals and crops, especially hay which was down. At the end of the month harvesting of grain was general and much threshing was done. The second crop of alfalfa was being cut by the end of the month, and most correspondents report this as superior to the first crop, but there was some damage due to weevils and grasshoppers. The berry crop was harvested, and large fruits were ripening, but the crop is light.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.86 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.11 inches at Salt Lake City on the 19th.

The lowest was 29.45 inches at Salt Lake City on the 2d.

TEMPERATURE.

The monthly mean temperature for the State as determined from 82 stations was 70.4°, which is 0.5° below normal, but above the average of July, 1915. Of the 36 stations having normals, 18 reported mean monthly temperatures above, 17 below, and one just normal. The greatest plus departure was 6.6° at Park City, whose monthly average was 70.8°; while the greatest minus departure was 6.9° at Kelton, whose monthly average was 72.0°. The minimum temperatures occurred usually on the first four days of the month, the lowest being 27° at Scofield on the 4th; and the maximum temperatures were reported on various dates after the 4th, the highest being 108° at St. George on the 21st.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 44 per cent, and at 6 p. m. 30 per cent. At Modena at 6 a. m. it was 59 per cent, and at 6 p. m. 31 per cent.

PRECIPITATION.

The precipitation for the State averaged 1.45 inches, which is 0.45 inch above normal. Of 37 stations having ten years or more record, there were 11 with monthly amounts below normal. There were many stations that reported unusually large amounts for July, among which may be mentioned 4.72 inches at both Alton and Modena, and 3.96 inches at Monticello. The greatest 24-hour amont was 2.35 inches at Cottonwood-Sevier. Showers occurred on the 7-9th, 13-16th, and 24-28th, the heaviest occuring during the last peroid.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 8.7 miles per hour; the highest 50 miles per hour from the southwest on the 24th; and the prevailing direction from the southeast. At Modena the average velocity was 10.1 miles per hour; the highest 48 miles per hour from the south on the 2d; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 83 at Salt Lake City, and 81 at Modena.

For the State the average number of clear days was 15; partly cloudy, 9; and cloudy, 7.

COMPARATIVE DATA FOR JULY.

Year.	Temperature.			Average precipitation.	Average snowfall.	Average No. of days.				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	
1891										
1892	72.8	110	27	0.28	0	2				
1893	70.8	110	24	0.79	0	3	18	9	4	SW.
1894	70.4	109	26	0.71	0	5	13	15	3	SW.
1895	70.0	110	33	0.57	0	4	16	10	5	SW.
1896	72.0	111	33	1.81	0	7	13	11	7	SW.
1897	68.7	110	23	0.55	0	4	17	11	3	SW.
1898	73.4	115	28	0.35	0	2	21	8	2	SW.
1899	73.3	107	30	0.66	0	4	16	10	5	SW.
1900	72.6	111	30	0.09	0	1	23	6	2	SW.
1901	75.5	115	27	0.41	0	3	19	9	3	SW.
1902	68.4	112	17	0.32	T.	2	22	6	3	SW.
1903	71.0	110	27	0.52	0	3	20	7	4	SW.
1904	69.7	109	27	0.68	0	3	18	9	4	W.
1905	71.5	112	26	0.52	0	2	19	8	4	SW.
1906	71.6	110	30	0.85	0	5	15	11	5	SW.
1907	70.1	108	29	0.58	0	3	17	10	4	SW.
1908	71.5	108	30	0.96	0	5	14	11	6	SW.
1909	71.1	110	30	1.17	0	5	18	7	6	SW.
1910	73.2	110	32	1.07	0	5	12	12	7	S.
1911	69.5	106	21	0.96	0	5	14	11	6	SW.
1912	68.6	105	24	1.28	0	6	11	11	9	S.
1913	69.5	111	21	1.24	0	6	14	10	7	S.
1914	70.1	110	31	1.81	T.	8	10	11	10	SW.
1915	69.7	110	27	0.39	0	2	20	8	3	SW.
1916	70.4	108	27	1.45	0	6	15	9	7	S.
1891-1916	71.0	115	17	0.80	0	4	16	10	5	SW.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1916.	1st	+4.5	+4.7	+5.2	+5.6	+6.0	+5.9	+5.7	.....	.....	.....	.....	.....	.....
	15th	+4.6	+5.0	+5.4	+5.7	+6.0	+5.8	+5.5	.....	.....	.....	.....	.....	.....

Climatological data for July, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days.				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	7,000	1	62.8	.....	84	1†	42	1†	42	4.72	.....	1.50	0	9	8	20	3	sw.	Wm. M. Cox.
Baker Ranger Station ‡‡	Garfield																			R. F. Hall.
Beaver	Beaver	6,000	11	[a]65.6	− 2.6	92[a]	5†	35[a]	1†	54[a]	2.74	+1.24	1.01	0	7	18[a]	9[a]	3[a]	.....	S. Z. Jenkins.
Belknap Ranger Station ‡‡	Sevier	6,800				93	13				1.64	.....	0.44	0	9	8	8	15	.....	S. E. Henrie.
Black Rock	Millard	4,872	11	71.2	+ 1.3	98	6	35	3	58	1.45	+0.85	0.90	0	4	11	9	11	se.	Agent Salt Lake Route.
Blanding	San Juan	6,000	8	66.3	.....	84	11	52	10	28	0.70	.....	0.23	0	7	10	15	6	sw.	E. F. Thompson.
Bluff	San Juan	4,200	3																.....	Perry A. Clark.
Brigham City	Boxelder	4,305	3	75.3	.....	96	6†	46	3	40	0.75	.....	0.33	0	5	.....	.....	.....	.....	N. Merrell Valentine.
Burrville	Sevier	6,800	4																.....	F. R. Curtis.
Castle Dale	Emery	5,500	16			93	11†				0.75	+0.02	0.50	0	2	22	2	7	.....	Miss Zella Jeffs.
Cedar City	Iron	5,750	10	71.6	− 1.6	91	6	43	3	38	1.78	+0.43	0.51	0	10	12	10	9	sw.	Parley Dalley.
Center ‡‡	Tooele	4,250	4	68.5	.....	96	5†	28	3	61	0.34	.....	0.10	0	5	22	1	8	s.	L. C. Peterson.
Corinne	Boxelder	4,240	45	72.8	− 5.8	97	6	40	3	50	0.25	−0.21	0.25	0	1	19	9	3	.....	A. C. Murphy.
Deseret	Millard	4,541	20	72.6	+ 0.2	99	6	39	4	52	0.44	+0.19	0.15	0	4	20	4	7	s.	S. W. Western.
Duchesne	Duchesne	5,515	8	68.0	.....	93	6	43	2†	46	1.70	.....	0.79	0	7	8	15	8	.....	M. M. Smith.
East Portal ‡‡	Wasatch	7,606	3	58.6	.....	81	5†	30	3	45	1.35	.....	0.26	0	14	13	13	5	.....	Reclamation Service.
Elberta	Utah	4,650	13																.....	D. C. Walkey.
Emery	Emery	6,200	14	65.7	+ 0.1	89	23	40	4	46	1.12	+0.43	0.54	0	3	4	6	21	sw.	H. C. Wickman.
Escalante	Garfield	5,700	10	66.0	+ 0.1	92	5†	39	11	51	3.13	+1.81	1.51	0	7	11	8	12	sw.	H. C. Haglund.
Farmington	Davis	4,268	14	74.7	+ 2.4	98	9†	45	4	51	0.95	+0.40	0.39	0	4	27	4	0	sw.	Chas. Boylin.
Fillmore	Millard	5,100	23	73.9	− 1.4	100	5†	43	3	46	1.80	+1.06	0.77	0	7	.....	.....	.....	.....	I. J. Starley.
Ft. Duchesne	Uinta	4,941	27	[a]69.2	− 1.9	94[a]	5	40[a]	9	52[a]	0.96	+0.48	0.33	0	7	16[a]	12[a]	2[a]	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5																.....	J. E. L. Carey.
Garland	Boxelder	4,248	3	74.4	.....	99	4†	47	3	50	0.76	.....	0.41	0	5	18	10	3	s.	J. T. Roberts.
Garrison	Millard	4,850	11																.....	Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	14	73.2	+ 0.5	95	6†	36	3	45	0.80	+0.17	0.40	0	7	20	7	4	s.	Walter James.
Green River	Emery	4,080	15																.....	E. E. Adams.
Hanksville	Wayne	4,200	4	75.6	.....	101	22	45	3	52	0.58	.....	0.48	0	2	11	18	2	sw.	F. J. Weber.
Heber	Wasatch	5,593	22	67.4	+ 1.7	95	6†	34	4	55	1.05	+0.28	0.65	0	4	19	4	8	s.	John Crook.
Henefer	Summit	5,301	15	65.8	+ 0.9	93	6	34	4	53	0.36	−0.45	0.21	0	5	16	12	3	w.	Wm. Brewer.
Hole-in-the-Rock ‡‡	Summit	8,600	....	[o]62.0	.....	87[p]	4	31[a]	2†	....	0.37	.....	0.24	0	3	16	0[b]	13[b]	ne.	P. P. Peterson.
Holestein ‡‡	Boxelder																		.....	J. H. Kroencke.
Ibapah	Tooele	7,500	10	67.2	.....	95	12	30	3	58	0.76	.....	0.65	0	4	11	20	0	sw.	W. M. Chastain.
Iosepa	Tooele	4,356	4																.....	James K. Halemanu.
Kanab	Kane	4,925	7	74.8	.....	103	10	44	2	55	2.61	.....	0.70	0	10	.....	.....	.....	.....	D. D. Rust.
Kelton	Boxelder	4,230	35	72.0	− 6.9	97	6†	37	3	52	0.86	+0.50	0.52	0	5	9	17	5	nw.	F. W. Klock.
La Sal	San Juan	7,000	12	66.0	− 0.9	84	4†	49	2	34	2.32	+1.09	0.82	0	10	12	5	14	.....	La Sal Live Stock Co.
Leeds (near) ‡‡	Washington	3,400	3	80.2	.....	101	12	55	1	39	2.11	.....	0.80	0	4	14	6	11	.....	B. F. Anderson.
Lehi	Utah	4,550	2	[f]71.8	.....	98[f]	25	42[f]	5	54[f]	0.77	.....	0.55	0	3	13[f]	11[f]	1[f]	.....	Joseph Anderson.
Lemay ‡‡	Boxelder	4,221	4	77.1	.....	96	13†	50	3	31	T.	.....	T.	0	0	20	11	0	n.	E. J. Ineck.
Levan	Juab	5,010	25	70.0	− 1.5	92	5	43	3	44	1.23	+0.63	0.59	0	5	12	8	11	.....	John C. Jensen.
Logan	Cache	4,507	24	74.2	+ 2.8	95	6	45	2	44	0.08	−0.43	0.05	0	3	26	5	0	.....	Experiment Station.
Lone Tree ‡‡	Uinta										0.66	.....	0.41	0	5	16	14	1	.....	J. A. Kay.
Low ‡‡	Tooele	4,602	4	76.8	.....	99	6†	41	3	39	0.01	.....	0.01	0	1	17	2	12	se.	Agt. Western Pacific Co.
Lower American Fork ‡‡	Utah	5,063	1	77.4	.....	99	5†	55	5†	44	0.77	.....	0.50	0	3	16	12	3	s.	W. S. Greenwood.
Lower Mill Creek ‡‡	Salt Lake	4,959	2	75.4	.....	95	6†	46	3	36	0.81	.....	0.70	0	2	13	11	7	s.	D. Folker.
Lucin	Boxelder	4,504	8	71.2	.....	98	9†	37	2†	56	0.10	.....	0.10	0	1	25	6	0	.....	E. C. Puryear.
Manila	Uinta	6,225	5	[i]63.6	.....	90[i]	12†	30[i]	10	51[i]	1.14	.....	0.27	0	8	16	15	0	.....	D. M. Nelson.
Manti	Sanpete	5,575	20	67.2	− 2.1	92	5	40	4	49	0.82	+0.12	0.27	0	7	4	4	23	.....	J. M. Anderson.
Marysvale	Piute	6,180	14																.....	A. Soyka.
Meadowville ‡‡	Rich	6,200	14	65.6	+ 1.5	94	5	36	4†	52	0.30	−0.25	0.20	0	3	24	4	3	.....	J. S. Moffat.
Midlake ‡‡	Boxelder	4,235	4	76.8	.....	92	7	58	3	25	0.10	.....	0.10	0	1	11	5	15	.....	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	75.2	.....	102	6	41	3	52	0.21	.....	0.11	0	5	17	14	0	s.	E. D. Camomile.
Milford	Beaver	4,962	7	69.2	.....	94	23	39	4	47	1.86	.....	0.88	0	7	16	12	3	sw.	Delta Land & Water Co.
Moab	Grand	4,000	25	77.6	0.0	101	5†	49	4	49	0.53	−0.10	0.26	0	6	9	12	10	.....	Henry Crouse.
Modena	Iron	5,479	14	69.2	− 0.5	92	6	42	3	46	4.72	+3.46	1.86	0	10	14	15	2	sw.	U. S. Weather Bureau.
Monticello	San Juan	7,050	7	66.2	.....	84	5†	48	3	33	3.96	.....	1.25	0	13	12	17	2	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	67.4	+ 1.2	95	6†	37	19	5[b]	0.32	−0.64	0.20	0	3	15	0	16	s.	Dasil Smith.
Moroni	Sanpete	6,000	7	[b]70.0	.....	90	5	42[c]	2	45[c]	0.93	.....	0.60	0	4	12	11	8	sw.	B. F. Eliason.
Mosida	Utah	4,510	3	70.6	.....	92	1	45	14	43	0.91	.....	0.44	0	4	15	12	4	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	[f]67.4	.....	90[f]	10†	48[f]	1	40[f]	1.84	.....	0.66	0	9	8[f]	11[f]	5[f]	.....	Oscar Wilkins.
Nephi (near)	Juab	5,119	10	70.7	.....	96	6	37	3	55	1.14	.....	0.30	0	7	18[e]	8[e]	5[e]	s.	J. W. Jones.
Oak City	Millard	4,900	8	75.2	.....	98	12	42	3	42	1.11	.....	0.54	0	7	15	6	10	.....	Wm. I. Alldredge.
Ogden	Weber	4,310	44	75.1	+ 1.4	99	6†	46	3	44	0.17	−0.15	0.12	0	2	30	0	1	....	Ralph Shorten.
Panguitch	Garfield	6,560	3																.....	H. L. Strembel.
Panguitch Lake ‡‡	Garfield	8,000	....	[b]70.0	.....	82[b]	7	34[c]	4	44[b]	3.77	.....	1.36	0	11	17	3	11	.....	W. M. Hurst.
Park City	Summit	7,000	10	[b]70.8	+ 6.6	89[b]	7	41[b]	4	44[b]									.....	W. B. Wilson.
Parowan	Iron	5,970	24	69.6	+ 1.1	92	23	42	3	41	3.95	+2.88	1.30	0	7	13	5	13	.....	Alex Matheson.
Pasadena Ranch ‡‡	Iron	[a]5,131	1	69.6	.....	96	22	38	4	54	1.87	.....	1.04	0	9	16	10	5	sw.	W. S. Hall.
Pine View ‡‡	Summit	6,335	3	[k]68.3	.....	92[k]	7	40[k]	18	43[k]	0.90	.....	0.90	0	1	.....	.....	.....	.....	Granville Deming.
Pinto	Washington	5,907	17	65.3	− 1.0	92[b]	22	34[a]	3	52[b]	2.60	+1.39	0.80	0	6	9[a]	13[a]	8[a]	s.	J. H. Harrison.
Price	Carbon	5,557	4	69.9	.....	91	5†	45	1	45	0.67	.....	0.28	0	4	8	5	18	w.	Walter Bass.
Provo	Utah	4,532	21	70.6	− 2.2	96	6	41	4	51	1.17	+0.87	0.97	0	7	13	15	3	.....	Reclamation Service.
Richfield	Sevier	5,350	21																.....	L. W. Jensen.
Riverdale ‡‡	Weber	4,310	2	77.3	.....	101	12	52	4†	38	0.85	.....	0.45	0	3	15	16	0	s.	Eugene Bone.
St. George	Washington	2,880	22	83.8	+ 1.7	108	21	57	2	47	1.72	+0.60	0.93	0	7	20	4	7	sw.	David Gourley.
Saltair	Salt Lake	4,220	11	75.1	+ 0.4	89	1	54	4	29	0.54	−0.16	0.25	0	4	.....	.....	.....	.....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	41	76.8	+ 0.6	99	20	50	3	36	0.63	+0.09	0.42	0	6	18	10	3	se.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	73.9	.....	98	6†	47	3	44	0.27	.....	0.22	0	2	14	13	4	.....	Wm. Broadbent.
Scipio	Millard	5,260	20	69.4	− 0.3	95	6	32	3	54	1.25	+0.48	0.68	0	4	12	0	19	sw.	Samuel Memmott.
Scofield	Carbon	7,625	6	56.6	.....	81	1†	27	4	52	2.13	.....	0.64	0	12	17	5	9	s.	B. Newren.
Snake Creek ‡‡	Wasatch	5,950	2	66.0	.....	92	6	35	4	52	1.51	.....	0.80	0	6	13	15	3	s.	J. W. Orrock.
Snowville	Boxelder		2	67.2	− 1.4	98	1	31[a]	6†	60[a]	0.40	−0.02	0.40	0	1	27	0	4	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	6	74.4	.....	95	6†	42	3	47	0.65	.....	0.22	0	8	14	10	7	.....	W. P. Shippee.
Springdale	Washington	3,500	7	75.0	.....	100	13	55	3	36	3.16	.....	1.27	0	6	11[f]	10[f]	4[f]	.....	F. D. Gifford.
Standrod	Boxelder	6,000	10	65.8	.....	89	23	38	3	40	1.60	.....	1.00	0	6	25	3	3	s.	T. B. Jones.
Teasdale	Wayne	7,000	6	63.2	− 3.5	83	12	43	11	39	2.13	+0.86	0.32	0	14	4	8	19	w.	Henry Cullum.
Thistle	Utah	5,075	21	65.0	− 5.0	89	5†	33	4	54	1.20	+0.53	0.60	0	6	12	15	4	.....	John I. Hayes.
Thompsons	Grand	5,150	3	75.2	.....	94	21	53	2	38	0.12	.....	0.07	0	2	23	8	0	sw.	J. F. Geeslin.
Tooele	Tooele	4,900	19	73.8	+ 0.7	96	6	46	3†	38	0.25	−0.33	0.07	0	6	6	8	17	s.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	73.8	.....	97	6	41	3	43	0.94	.....	0.41	0	5	22	8	1	s.	A. I. Rosa.
Tropic	Garfield	7,000	18	[a]67.2	− 0.1	93[a]	12	40[a]	1	46[a]	2.32	+1.24	0.47	0	8	8	18	5	sw.	E. P. Bolton.
University of Utah ‡‡	Salt Lake	4,500	2	75.0	.....	95	6	42	3	38	0.62	.....	0.35	0	4	20	9	2	sw.	Chas. E. Forsberg.
Utah Exp. Station ‡‡	Sanpete	5,750	1	60.2	.....	80	5	31	3	37	1.56	.....	0.41	0	13	14	11	6	sw.	Forest Service.
Vernal	Uinta	5,060	17	65.4	− 5.9	93	6	38	3†	48	0.22	−0.51	0.10	0	4	20	0	11	w.	Mrs. S. M. Logan.
Watson (near) ‡‡	Uinta	6,210	5	71.4	.....	95	13	46	4	42	2.85	.....	1.11	0	13	15	0	16	.....	Homer D. Ford.
Wendover	Tooele	4,237	4	77.6	.....	100	9	48	3	38	0.06	.....	0.06	0	1	24	6	1	se.	C. Gibson.
Woodruff	Rich	6,500	12																.....	O. J. Call.
Woodside	Emery	4,645	4																.....	Frank Groussman.
For the State				70.4	− 0.5	108	21	27	4	61	1.45	+0.45	2.35	0	6	15	9	7	s.	

See page 62 for explanation of reference marks.

Daily precipitation for July, 1916.

Stations.	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	
Alpine														.10												T.	.38					0.48
Alton (C)							.67							.30							.30			.22	.57	1.50	.74	.24		.18		4.72
Baker Ranger Station (C)																																
Beaver							T.					T.	T.	.30	1.01					T.	.18				.64	.35	.12	.14				2.74
Beaver Creek Nursery							T.	.01						.07	.46	.01	T.							.04	.01	.04	.21	.01	T.		.03	0.89
Belknap Ranger Station‡							.44						.12	.21	.02	.25									.30	.15	.05	.10				1.64
Benmore							.02						.12	.09								T.		.15			.18					0.54
Big Plains (C)							.20	T.						.52							T.		T.		.38	.29	.40	.40				2.19
Black Rock														.10		.20								.90	.25		T.		T.			1.45
Blanding (C)								T.	.10	.23		.03			T.		T.			.07				T.		.17	.05	.05	T.		0.70
Bluff (C)																																
Brigham City								T.							.33		.07									.11	.09		.15			0.75
Burrville																																
Canaan (C)																																
Castle Dale (C)					T.									T.										T.			.25		.50			0.75
Castle Rock														.25		.02	.03							.10	.05							0.45
Cedar City												.09		.47						T.	.10		.06	.05	.51	.05	.04	.14		.27		1.78
Cedar Fort																																
Center							T.						.10		.06									.08			.04	.06				0.34
Clarkston															.20							.30										0.50
Corinne		T.													.25		T										T.					0.25
Cottonwood Nursery							T.	.12						.07		.03					T.			T.		.02	.20		.07			0.51
Deep Creek																																
Deseret													T.	.09		.07								.15	.18		T.					0.44
Duchesne (C)								T.						.05	.10	T.	.16		T.	T.				.47	T.	.08	.05	.79				1.70
East Portal (C)							.03	.01	T.				.02	.06	.16		.07				.09			.13	.18	.22	.26	.01	.08		.03	1.35
Elberta																																
Elkhorn (C)																																
Emery‡ (C)							T.	T.							T.									T.	.38	.54	T.	.20	T.			1.12
Enterprise														.46	.02							.02			.33		.72	.04				1.59
Erekson								.03					.05	.22	.03								.01	.30			.15					0.78
Escalante (C)							T.	.43	.37	T.			T	.08		T.							T.	T.	.16	1.51	.09			.49		3.13
Farmington							T.		T.					.39	.10									.31			.15	T.				0.95
Fillmore							.35	T.	T.			T.	.02	.21	T.						T.		.01	.77	.26	.18	T.					1.80
Ft. Duchesne (C)								.03						.07	.12	.20	.07									.33	.14					0.96
Fruitland (C)																																
Garland		.04													.19	.10										T.	.02	.41				0.76
Garrison																																
Government Creek							.03	.02					.10	.09	T.									.13			.03	.40				0.80
Grantsville						.06								.07	.65									.10		.09						0.97
Green River (C)																																
Green River Ranger Station (C)															.15									.02		.40		.01	.01	.01		0.60
Grouse Creek																																
Hanksville (C)																									.10	.48						0.58
Hatch									.08					.21						.36	.05			.21	.64	.94	.22	.21		.76	.08	3.76
Hayden (C)								T.						.04													.04	.26				0.34
Heber							T.	T.						.05	.10	.65					T.	T.	T.	T.	T.	T.	.25					1.05
Henefer							T.		T.					T.	.06	T.	T.							.01			.21	.03	T.		.05	0.36
High Line City Creek														.09										.85			.24					1.18
Hole-in-the-Rock‖ (C)					T.		T.						T.			T.				.01					.24	.12						0.37
Holstein Ranger Station (C)																																
Howell																																
Hurricane (C)														.50											.75	1.24	.53			.15		3.17
Ibapah							.03						.04											.65							.04	0.76
Indian Farm														.49	.45		.03			T.				.04								1.01
Iosepa																																
Joseph								.02								.24									.55	.15	T.	T.	T.			0.96
Jozella Ranch												.15	T.						T.	T.					.40		.65	.12		.25		1.87
Junction								.40	.80					.18	.02						.27				.67	.17	.20	.02		.11		2.84
Kanab (C)							.02		.17				.30	.33							.03				.25	.35	.70	.40	.06			2.61
Kanosh							.25	.12						.35	.15									.51	.20	.18						1.76
Kelton		.09														.12					.10				.52		.03					0.86
Lake View Farm						T.	T.	.02	.02			T.	T.	.10	.20	.07					T.	T.		1.08	.20	.81	.05	.01	T.			2.56
La Sal (C)						T.	.82	.04	.07					.12	.38	.09							.31		.13	T.	.28	.08			T.		2.32
Leeds, (near) (C)							T.								T.	.80						T.	T.	T.	.40	.43	.48	T.				2.11
Lehi														.20														.55		.02		0.77
Lemay		T.														T.	T.															T.
Levan						T.	T.							T.	T.		.29					T.			.13	.59	.21	.01				1.23
Logan		T.					T.									.02											.01	.05				0.08
Lone Tree (C)														.04	.06	T.		.06										.41	.09			0.66
Low																T.	.01															0.01
Lower American Fork													T.	.25											.02			.50				0.77
Lower Mill Creek															.70			T.							T.			.11				0.81
Lucin		T.														.10							T.									0.10
Manila (C)								.17						.27	.10		.05									.17	.09	.19	.10			1.14
Manti							.03	T.	T.					.04		.17	T.				T.		T.	.27	.09	.19	.03					0.82
Marysvale																																
Meadowville														T.	.05		.05										.20					0.30
Midlake														T.	.10		T.									T.						0.10
Midvale							.02	T.				T.		.05							T.		.01	.02		T.	.11	T.				0.21
Milford											.15	T.		.11							T.			.88	.09	.21	.32	.10				1.86
Mills										T.		T.		T.	.24	T.	.02						T.	1.40	.08	.28		T.	T.			2.02
Millville							T.								T.						T.					T.	T.		.26			0.26
Minersville						T.	.02	T.				T.	.06	.10	T.					T.	.02	T.		.32	.32	.28	.18	.02	T	T.			1.32
Moab (C)								.09	T.				T.	T.			T.							.03	.10	.26		.03	.02			0.53
Modena ***												.03	.11	.07	.23	1.50				T.	T.	T.	.40	T.	.09	T.	1.83	.03		.43		4.72
Monticello (C)							.14	.35	.50							.10				.07		.36	.05		.50	.01	1.25	.20	.40	.03		3.96
Monticello Ranger Sta. (C)								.30	.40						.08							.60			.38			.98	.70			3.44
Morgan							T.		T.					T.		.10								T.			.20	.02				0.32
Moroni						T.	T.	T.					T.	T.	T.	.03	T.			T.	T.		T.	.03	.27	.60	T.					0.93
Mosida														.09	.23	.15											.44					0.91
Mountain Home‡ (C)										12					.35	.66								.05	.03	.40	.03	.15	.05			1.84
Myton (C)								.05	T.							.02	.14							T.	.01	T.		.48	.03			0.73
Nada														.35						T.	.36			1.21	.14	.46	.17	.04		.02		2.75
Nephi (near)								.07		.22							.20							.08	.16	.11	.30					1.14
New Castle																																
New Harmony (C)														.80	.10						.45				.35	1.00	.72					3.42
Oak City							T.		T.				.03	.54	.08									.24	.12	.02	.08					1.11
Ogden														.12														.05				0.17
Orderville (C)							.04							.67	.05									.84	.39	.63	2.16	.41	.38			5.57
Panguitch																																
Panguitch Lake														.35						.08	.12		.28	.01	.40	1.36	*	*	1.00	.17		3.77
Park City																																
Park Valley (near)		.05					T.								1.10		.20				.18			T.	.30		.23					2.06
Parowan						T.	T.	T.				.68		1.30										.36	.97	T.	.40	.12		.12		3.95

Continued on page 62.

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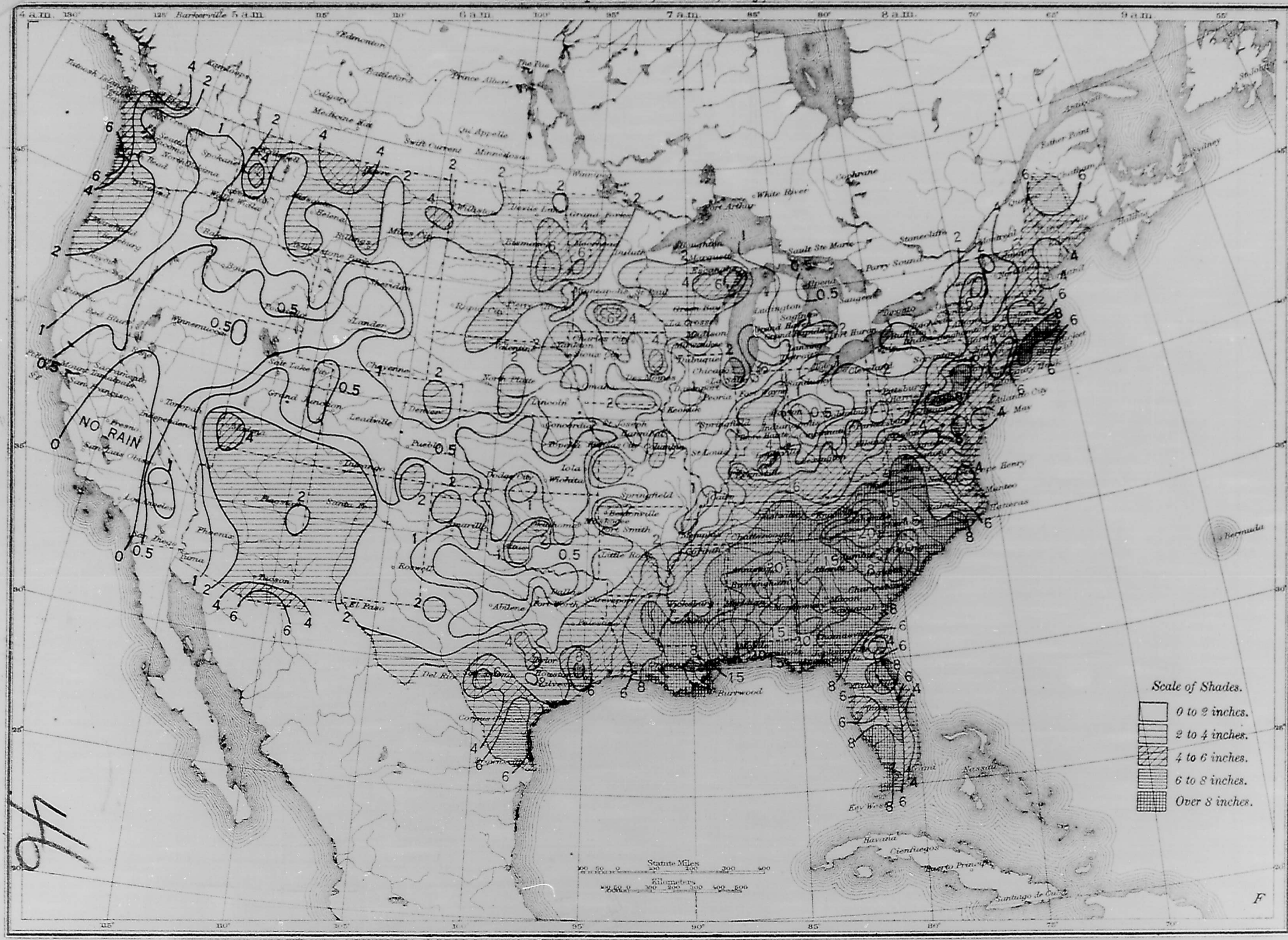
Daily temperatures for July, 1916.

Stations.		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	Mean.
Blanding	Maximum	76	76	78	77	77	75	73	81	78	75	84	83	70	70	68	71	72	72	78	79	74	76	74	78	69	76	65	69	70	75	75	74.6
	Minimum	57	54	55	59	59	60	61	59	56	52	56	58	56	59	55	55	59	58	59	60	62	63	61	58	58	60	55	59	57	57	57	58.0
Corinne	Maximum	91	90	88	92	95	97	96	92	92	94	90	95	95	87	78	90	90	80	87	92	94	92	95	96	89	91	89	87	86	94	94	90.9
	Minimum	48	42	40	42	45	52	56	63	65	57	52	56	60	64	58	60	54	50	45	54	54	58	58	56	60	57	65	57	61	55	52	54.7
Deseret	Maximum	89	85	84	91	94	99	94	96	94	90	92	97	90	80	85	90	89	88	92	90	97	95	96	90	87	85	81	84	89	94	95	90.4
	Minimum	52	55	40	39	48	48	58	56	61	58	48	50	62	58	60	53	63	54	47	50	56	55	58	65	55	60	61	62	60	52	54	54.8
Duchesne	Maximum	89	86	81	86	92	93	92	84	85	86	86	89	89	85	80	83	85	82	87	84	92	89	90	86	78	77	78	77	83	84	83	85.2
	Minimum	46	43	51	43	47	47	52	58	51	52	45	47	50	62	53	50	49	49	47	53	52	54	50	51	54	51	53	53	54	54	52	50.7
Elberta	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Emery	Maximum	83	81	85	86	85	86	85	81	82	85	83	87	83	81	85	80	86	87	87	81	82	87	89	88	85	81	80	81	82	80	81	83.7
	Minimum	45	43	42	40	43	45	46	42	46	49	48	49	41	42	43	45	49	50	53	56	57	56	51	53	51	49	42	45	49	51	57	47.7
Fillmore	Maximum	94	93	84	95	100	97	92	92	95	90	94	100	93	80	85	90	90	87	94	93	97	97	100	90	81	77	80	86	90	94	95	91.1
	Minimum	59	57	43	44	62	62	62	57	60	54	50	54	61	59	54	57	61	49	49	58	59	60	68	51	55	60	62	58	61	55	57	56.7
Ft. Duchesne	Maximum	93	90	91	89	94	93	91	86	85	86	90	91	90	85	86	86	85	84	88	87	89	90	89	87	82	81	80	79	84	89	....	[a]87.3
	Minimum	41	43	45	46	55	54	56	54	40	43	55	59	54	46	53	55	46	51	52	51	56	54	56	42	53	56	54	56	55	53	....	[a]51.1
Fruitland	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Government Creek	Maximum	89	86	76	90	93	95	91	82	93	87	89	94	90	80	83	88	91	84	88	91	93	93	95	89	77	89	84	81	85	90	91	88.0
	Minimum	53	59	36	45	59	59	62	61	65	72	51	57	61	57	60	58	64	47	47	50	63	62	58	63	58	59	59	58	72	73	59	58.3
Green River	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Henefer	Maximum	89	85	73	87	91	93	90	87	80	83	89	92	88	83	82	87	86	78	85	89	90	89	90	89	83	83	82	82	82	88	90	86.0
	Minimum	37	39	39	34	39	45	45	53	50	45	39	43	43	55	53	45	50	45	46	40	45	45	42	51	50	53	54	52	48	39	46	45.5
Ibapah	Maximum	88	75	80	88	92	93	90	90	89	88	87	95	80	86	82	89	90	78	88	92	92	97	93	94	90	87	86	89	86	87	92	88.0
	Minimum	42	47	30	34	40	39	54	52	48	42	42	37	62	58	57	44	46	34	32	42	45	45	52	58	54	53	47	58	47	43	50	46.3
Kelton	Maximum	93	88	72	84	94	97	97	94	96	90	94	96	90	88	89	92	89	88	93	92	92	95	93	94	85	87	89	85	85	92	93	90.5
	Minimum	46	43	37	43	44	49	58	62	56	59	48	55	59	61	60	64	53	50	41	50	49	51	56	58	60	56	55	69	57	50	55	53.4
La Sal	Maximum	80	80	78	84	84	82	81	74	72	78	78	79	80	79	75	73	76	79	82	82	83	81	82	81	81	73	71	70	71	75	73	78.0
	Minimum	54	49	50	50	51	55	56	58	54	52	52	54	55	55	52	54	56	54	55	54	59	54	55	55	56	56	50	55	55	52	58	54.0
Leeds (near) §§	Maximum	94	92	94	94	97	98	100	95	95	96	95	101	98	93	79	82	90	95	93	95	100	100	100	100	98	89	85	77	85	88	90	93.2
	Minimum	55	60	62	64	64	65	65	75	74	69	65	71	65	67	65	68	63	66	65	63	71	70	83	75	70	70	69	68	68	67	68	67.3
Lemay	Maximum	85	78	68	86	93	94	94	95	93	90	88	91	96	86	84	93	88	82	80	90	95	95	96	95	90	90	88	90	88	93	92	89.2
	Minimum	62	60	50	55	64	66	68	69	76	62	65	72	75	73	68	67	60	54	56	66	67	66	70	68	68	60	63	68	66	65	67	65.0
Levan	Maximum	89	87	75	88	92	91	89	86	89	85	87	90	88	80	82	83	86	80	87	86	91	90	90	82	73	80	79	80	82	86	87	85.2
	Minimum	51	52	43	44	52	57	61	56	56	58	49	54	60	58	56	53	55	56	47	54	56	56	58	61	52	60	58	58	57	52	55	54.7
Logan	Maximum	89	89	89	87	94	95	93	91	92	91	87	88	93	91	91	87	87	87	87	92	86	91	93	90	88	87	86	83	88	90	94	89.5
	Minimum	65	45	58	49	58	62	64	64	62	60	57	58	65	65	64	60	56	50	47	57	60	60	60	60	64	57	67	60	57	59	70	58.9
Low §§	Maximum	94	88	76	91	97	99	96	92	96	92	90	98	94	85	82	93	92	85	90	94	97	94	99	90	88	95	91	91	88	92	97	91.8
	Minimum	65	50	41	55	60	60	70	65	70	62	60	60	75	66	62	60	64	51	51	59	67	76	65	67	58	60	70	70	58	57	65	61.9
Lucin	Maximum	91	90	85	86	90	96	95	94	98	93	96	98	98	92	87	91	91	85	88	94	95	95	96	95	87	95	88	90	91	91	95	92.1
	Minimum	39	37	37	38	39	40	54	50	52	59	52	52	52	58	58	50	54	47	45	54	53	60	59	58	55	50	50	57	50	46	51	50.2
Manila	Maximum	....	....	....	....	....	....	....	....	....	80	82	90	88	80	86	82	85	80	85	81	82	85	86	88	80	71	80	87	85	88	90	[a]83.7
	Minimum	....	....	....	....	....	....	....	....	....	30	34	40	45	50	42	47	52	50	40	45	42	40	35	41	42	40	41	50	48	49	51	[a]43.4
Manti	Maximum	89	86	86	89	92	90	86	86	86	85	86	90	88	77	83	83	86	82	87	85	87	88	89	86	78	81	79	81	82	85	84	85.2
	Minimum	45	46	41	40	46	48	54	50	50	50	42	50	52	54	50	51	48	51	44	50	50	50	51	55	48	53	52	54	51	49	50	49.2
Meadowville	Maximum	90	85	80	78	94	92	86	86	89	83	80	87	90	84	77	81	83	74	78	85	88	85	85	86	85	84	84	82	84	81	85	84.2
	Minimum	42	51	38	36	42	49	48	55	52	47	43	47	56	51	50	45	55	45	36	42	46	46	50	50	51	49	55	46	44	44	49	47.1
Milford	Maximum	82	78	77	86	87	86	78	93	87	82	84	76	91	76	81	77	90	80	86	93	85	93	94	82	81	82	73	81	87	90	91	84.2
	Minimum	44	49	50	39	46	46	71	57	60	56	49	46	58	56	57	52	58	59	49	53	55	54	54	61	58	73	60	57	57	52	55	54.2
Moab	Maximum	97	95	93	96	101	101	97	97	86	94	93	95	97	93	87	91	85	95	96	97	98	99	93	97	98	95	88	89	89	91	88	93.9
	Minimum	52	58	55	49	52	65	64	70	64	64	59	60	62	64	63	59	61	54	56	66	65	61	68	59	64	66	65	61	64	60	68	61.2
Modena	Maximum	84	82	81	89	90	92	88	89	89	91	92	90	85	74	74	80	83	85	89	88	91	89	91	86	79	83	73	76	85	85	87	85.2
	Minimum	44	55	42	43	45	46	63	53	58	53	51	50	56	54	51	51	55	55	54	58	55	55	56	61	57	60	53	54	55	54	54	53.3
Monticello	Maximum	81	80	78	83	84	84	82	80	74	75	77	78	81	80	76	78	79	78	81	79	83	81	81	80	73	76	73	73	72	78	75	78.5
	Minimum	50	49	48	49	53	60	56	54	53	49	56	54	55	54	50	53	55	52	55	57	55	58	56	54	55	56	55	53	55	52	57	53.8
Moroni	Maximum	87	87	84	86	90	88	88	84	84	83	84	87	85	73	80	82	83	78	84	83	86	84	88	86	87	84	81	83	85	82	83	84.2
	Minimum	50	42	....	....	58	60	62	55	60	59	51	....	60	56	55	53	56	56	51	55	59	57	60	61	57	53	59	54	55	53	56	[c]55.8
Mosida	Maximum	92	91	72	82	91	90	90	86	90	90	85	90	90	80	80	84	85	85	85	87	89	88	90	87	85	87	89	81	81	85	88	86.3
	Minimum	50	48	50	48	54	51	51	59	57	60	48	56	58	46	58	55	59	56	52	53	59	57	54	54	52	63	59	62	63	51	56	54.8
Ogden §§	Maximum	93	90	87	90	97	99	95	96	87	92	99	95	84	91	93	80	76	78	89	95	96	94	96	90	56	92	89	89	92	93	97	91.0
	Minimum	63	49	46	50	59	65	64	68	61	54	55	68	66	60	56	57	51	49	51	57	61	63	62	63	61	65	71	63	67	56	59	59.2
Panguitch	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Park City	Maximum	84	83	77	85	....	....	89	84	85	80	84	88	86	79	73	76	81	79	81	82	82	83	84	84	79	76	78	77	77	83	85	[b]81.6
	Minimum	69	68	46	41	....	....	59	63	58	53	50	66	66	56	60	59	66	58	66	60	70	66	65	62	58	59	58	58	56	61	66	[b]59.9
Parowan	Maximum	85	82	80	89	90	90	87	87	86	87	89	89	84	70	76	80	82	83	87	87	89	91	92	84	75	80	72	70	83	82	87	83.7
	Minimum	54	51	42	48	57	59	65	67	58	57	50	55	55	53	50	52	55	53	53	57	62	57	58	58	55	60	60	53	53	56	55	55.4
Pasadena Ranch	Maximum	89	85	84	92	94	85	92	91	91	92	93	94	89	75	75	86	88	87	92	92	95	96	95	92	79	84	74	80	88	89	90	88.0
	Minimum	43	51	41	38	41	42	59	52	53	49	43	44	53	55	51	50	54	53	49	51	53	52	51	60	56	64	61	55	54	55	53	51.2
Pinto	Maximum	80	75	86	83	87	90	87	86	88	90	....	90	88	80	80	82	80	....	90	91	91	92	90	86	84	79	70	74	83	80	84	[b]84.3
	Minimum	40	40	34	35	35	38	40	48	47	43	41	45	48	45	45	45	43	....	49	52	45	46	47	59	58	59	57	59	49	48	[a]46.3
Provo	Maximum	87	93	88	91	95	96	92	87	92	88	87	93	92	80	88	89	90	87	89	91	92	89	93	87	87	87	81	86	86	87	92	89.1
	Minimum	45	44	42	41	44	46	55	59	55	54	45	52	55	59	51	54	55	57	45	50	57	52	53	58	54	57	56	56	57	54	49	52.0
Richfield	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
SALT LAKE CITY	Maximum	93	88	72	86	96	96	96	92	93	84	87	96	91	85	83	90	89	76	90	99	92	90	94	90	81	88	84	84	84	90	94	88.8
	Minimum	65	58	50	55	64	69	72	67	72	67	66	70	71	67	67	61	66	56	57	63	69	67	65	63	64	71	66	67	68	61	69	64.9
Scofield	Maximum	81	80	68	79	81	81	81	74	76	75	77	81	80	64	68	72	77	75	78	76	78	71	68	78	70	66	66	72	73	77	75	74.8
	Minimum	30	29	28	27	31	34	40	46	39	35	40	42	29	44	40	41	41	39	32	36	38	39	41	43	40	51	52	48	43	53	41	38.5
Springdale	Maximum	83	82	91	89	89	88	75	86	87	85	86	87	100	90	80	78	85	83	85	83	81	85	85	84	86	95	70	70	74	92	94	84.8
	Minimum	62	60	55	64	63	64	71	68	70	68	62	63	80	60	66	60	65	65	63	68	69	70	64	63	72	65	62	62	63	65	65	65.1
Standrod	Maximum	80	72	62	79	82	86	83	84	85	78	83	86	83	80	78	84	74	69	81	83	87	84	89	84	82	82	79	78	76	83	86	80.7
	Minimum	41	41	38	43	42	55	60	57	65	52	50	57	64	53	53	48	49	42	44	50	52	54	57	57	52	49	48	52	51	49	50	50.8
Teasdale	Maximum	79	78	79	80	81	82	79	71	72	81	82	83	78	79	80	74	78	76	78	79	79	81	79	81	68	62	64	68	72	71	78	76.5
	Minimum	46	47	45	44	49	55	55	54	50	50	43	46	50	49	45	50	50	59	48	47	49	50	55	50	54	52	53	52	48	51	48	49.8
Tooele	Maximum	90	86	73	84	95	96	92	93	94	85	89	95	93	82	81	88	89	75	85	90	91	90	94	89	84	87	85	85	83	89	94	87.9
	Minimum	62	56	46	46	58	70	61	61	65	58	54	59	69	63	60	56	59	50	49	57	60	64	62	69	57	72	65	64	67	55	58	59.7
Tremonton §§	Maximum	90	86	72	88	94	97	96	93	92	88	91	95	94	85	77	88	88	78	88	92	94	94	92	87	90	89	86	87	93	93	93	89.4
	Minimum	53	55	41	49	54	54	59	65	63	57	59	64	58	66	64	59	61	50	53	58	58	62	64	60	61	61	64	58	59	58	57	58.2
Tropic	Maximum	86	83	82	88	....	88	90	86	82	80	86	93	86	83	78	79	85	86	88	83	85	88	86	82	79	74	72	86	80	83	81	[a]83.6
	Minimum	40	44	46	53	....	46	45	48	56	54	49	57	54	57	45	47	52	48	54	60	52	58	52	50	53	52	55	50	53	52	49	[a]50.7
Watson (near)	Maximum	91	89	87	88	94	89	89	89	83	84	84	88	95	90	84	84	86	84	90	90	91	89	88	90	81	75	80	78	76	85	84	86.3
	Minimum	54	67	51	46	53	69	62	57	52	53	50	78	76	60	55	54	53	53	54	54	55	56	60	56	52	59	53	55	51	52	51	56.5
Wendover	Maximum	88	88	71	89	98	97	93	95	100	91	91	97	95	88	88	91	91	85	88	92	97	92	91	96	92	91	96	93	92	86	93	91.6
	Minimum	58	56	48	64	60	61	67	68	70	66	62	65	70	61	69	63	65	54	56	67	66	68	68	72	69	60	60	65	70	62	65	63.7

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Total Precipitation, Inches, July, 1916.



Daily precipitation for July, 1916—Continued from page 59.

Stations.	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	
Pasadena Ranch						T.						.13	.01	.31	.05					.02	.01			.03	.24		1.04			T.		1.87
Payson								.20	.05				.08			.12								.04		.10					0.59
Pine View														.90																	0.90
Pinto (C)								.05						.40							T.				.57		.22	.80		.56		2.60
Price (C)								T.						.12							.09						.28	.14			.04	0.67
Provo								T.					.04	.05		T.	01				.04			.06			.50	.47	T.			1.17
Randolph															T.	.25											.13	.03				0.41
Reed													.05	.03		T.				T.	.08		.36	.16	.03	.22				T.		0.93
Revere							.17						.10	.05	.04	.01					.01	T.		.07		T.	.25	.07	T.			0.77
Richfield																																
Richmond ‖‖		.02						T.							.01	.06					T.			T.			.06	.11	T.			0.26
Riverdale														.20	.45												.20					0.85
St. George (C)							.16						.20	.14											.06	.05	.18	.93				1.72
Saltair														.14	.14									.01			.25					0.54
SALT LAKE CITY ***							T.	.02	.02					.06	T.		T.						T.	.42			.10	.01				0.63
Santaquin							.05							T.	T.	T.					T.			T.		T.	.22					0.27
Scipio								T.	T.				T.	.25		T.	T.				T.		T.	.68	.18	.14						1.25
Scofield (C)							.04	.10					.09	.17	.64	.02								.13	.25	.38	.24			.02	.05	2.13
Silver City							.14							.54																		0.68
Silver Lake ‡																	.04												.34			0.38
Snake Creek ‖‖							T.						T.	.12		.20					.80	.20			.07		.12					1.51
Snowville																									.40							0.40
Spanish Fork								T.					T.	.11	.02	.10								.03	.06	.08	.22	.03				0.65
Springdale (C)							T.						.80												.26	.25	1.27	.25		.33		3.16
Standrod			.10														.12				.29				.40	.60	T.		.09			1.60
Sunnyside (C)							T.	T.								T.	T.	.15				T.	T.	T.	.35	.10	.40	.70	.02			1.72
Teasdale (C)								.16	.21				.17	.20		.14	T.	.03	T.	T.	.09	T.	.23	T.	.21	.22	.32	.04	.03	.08		2.13
Thistle								T.							.06	.60				.10			T.	.22		.13		.09			1.20
Thompsons (C)									T.																	.05		.07				0.12
Tooele							.01	T.							.06	T.	.07				T.		T.	T.	.02		.04	.05			T.	0.25
Tremonton ‖‖			.04													.41	.14											.07	.28			0.94
Tropic (C)								.07	T.	.14				.14		.21				T.	T.			.41	.44	.31	.13	.47	T.		T.	2.32
Trout Creek Ranger (C)							T.		.08	T.				.24	T.	.11	.08	.20			.21	.04	.10	.04	.02	.27	.19	.01	.10	.31	.12	2.12
University of Utah														.07										.35			.19	.01				0.62
Utah Experiment Station								.05	.05	.03				.02	.06	.04	.05			T.	.22				.41	.12	.11	.12		T.	.27	1.56
Vernal (C)								.05							.02									.10		.05						0.22
Victor (C)								.13									.03								.04	.05		.09	.04			0.38
Watson (near) (C)								.05	.45	T.				.02	.03	.02	.03	.26						.02		.40	.13	.13	.20	1.11			2.85
Wendover													.06																			0.06
Whiskey Creek ‖‖													.04	.04	.05									.47	.34							0.94
Winder							.01		.10					.11										.11	.71	1.40	.31					2.75
Woodruff																																
Woodside (C)																																

Explanation of reference marks used in this publication.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

* Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing: for example, [c] represents three days missing, etc.

‡‡ Post-office addresses of these stations are as follows: Of Baker Ranger Station, Boulder; of Belknap Ranger Station, Joseph; of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Hole-in-the-Rock, Lonetree, Wyo.; of Holstein Ranger Station, Yost; of Leeds (near), Kanarra; of Lemay, Lucin; of Lone Tree, Jensen; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Panguitch Lake, Panguitch; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

AUGUST, 1916

BY
ALFRED H. THIESSEN
METEOROLOGIST

SALT LAKE CITY, UTAH
WEATHER BUREAU OFFICE
SEPTEMBER 20, 1916.

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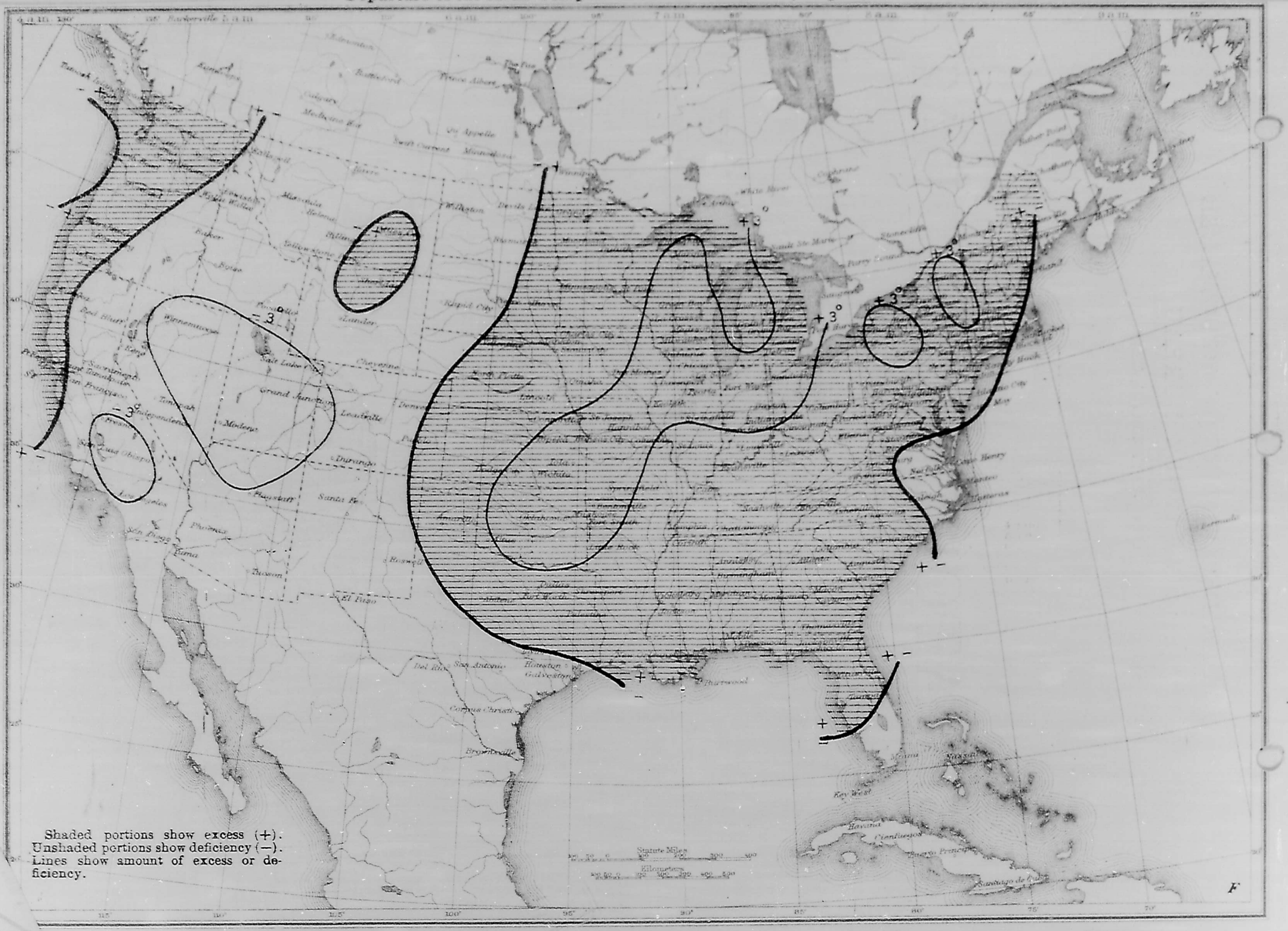
+3°
+3°
+3°
+3°
−3°
−3°
Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.
Statute Miles
Kilometers
F

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Meteorologist.

VOL. XVIII. SALT LAKE CITY, UTAH, AUGUST, 1916. No. 8.

GENERAL SUMMARY.

The temperature for August averaged below normal, with moderately high afternoon and low night temperatures. The precipitation averaged about normal. The weather was generally favorable for crop growth and outside work, the abundant sunshine especially expediting harvesting and threshing. Frost was reported at some of the more elevated stations and tender vegetation was damaged. The second crop of alfalfa was secured by the end of the month; some of it was injured by showers, and the quality averaged from fair to good. Farm work was backward at some places, but fall plowing in others had already begun. Fruit ripened nicely, but the crop was small. Tomatoes were late and not so plentiful as in other years. Pastures and meadows were getting dry at the end of the month, but stock was doing well.

The principal damage by weather agencies during the month was the threshing of wheat and barley by very heavy hail storms in the vicinities of Clarkston and Neola; and the washing of a newly made road by a "cloudburst" in San Juan County.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.89 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.21 inches at Salt Lake City on the 22d.

The lowest was 29.52 inches at Salt Lake City and Modena on the 8th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 74 stations was 67.7°, which is 2.7° below normal. Of the 32 stations having normals, 4 reported monthly mean temperatures above, and 28 below normal. The greatest plus departure was 1.9° at Logan, whose monthly average was 72.4°; while the greatest minus departure was 7.5° at Kelton, whose monthly average was 68.6°. The minimum temperatures fell to the freezing point and below at a few stations generally from the 17th to the 22d, the lowest being 29° at Black Rock on the 25th. Maximum temperatures of 90° or above were experienced quite generally throughout the State, occurring from the 1st to the 3d and from the 22d to the 28th. The highest for the State occurred at St. George, 105° on the 23d.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 50 per cent, and at 6 p. m. 29 per cent. At Modena at 6 a. m. it was 67 per cent, and at 6 p. m. 31 per cent.

PRECIPITATION.

The precipitation for the State averaged 1.16 inches, which is 0.02 inch above normal. Of 37 stations having ten years or more record, about one-half reported amounts above normal, while the remainder reported amounts below. Showers occurred from the 1st to the 8th, in the middle of the month, and toward the end, but the heavier amounts fell on the 5th, 12th and 29th. The heaviest 24-hour amount was 2.24 inches at Farmington on the 29th, and the greatest local monthly amount was 3.40 inches at Winder.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 8.3 miles per hour; the highest 37 miles per hour from the southeast on the 5th; and the prevailing direction from the southeast. At Modena the average velocity was 10.2 miles per hour; the highest 47 miles per hour from the south on the 17th; and the prevailing direction from the southwest.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 84 at Salt Lake City, and 81 at Modena.

For the State the average number of clear days was 18; partly cloudy, 8; and cloudy, 5.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Average precipitation.	Average snowfall.	Average No. of days. Rainy (0.01 inch or more).	Clear.	Partly Cloudy.	Cloudy.	Prevailing wind.
1891										
1892	70.6	113	23	0.27	0	2				
1893	68.1	112	25	1.23	0	7	15	5	11	sw
1894	69.5	107	35	0.81	0	6	12	15	4	sw
1895	70.6	110	29	0.35	0	3	17	11	3	sw
1896	69.7	107	33	1.04	0	6	16	10	5	sw
1897	69.4	111	35	0.49	0	4	17	10	4	sw
1898	73.5	110	35	0.60	0	5	13	13	5	sw
1899	65.7	102	24	0.96	0	4	19	7	5	sw
1900	68.5	109	26	0.34	0	2	21	7	3	sw
1901	72.3	111	31	1.63	0	7	14	11	6	sw
1902	69.4	110	23	0.51	0	3	19	8	4	sw
1903	71.8	110	27	0.38	0	2	20	9	2	sw
1904	69.4	104	22	1.06	0	6	12	12	7	s
1905	71.4	110	26	0.74	0	4	17	9	5	sw
1906	68.9	105	29	2.09	0	7	15	10	6	sw
1907	67.7	121	26	1.56	0	6	14	11	6	sw
1908	68.1	109	22	1.20	0	6	16	9	6	sw
1909	70.5	106	28	3.02	0	10	10	11	10	s
1910	69.8	107	30	0.79	0	4	15	10	6	sw
1911	70.1	110	24	0.30	0	2	20	s	3	sw
1912	67.9	103	24	0.98	0	5	16	10	5	s
1913	70.0	104	26	1.06	0	6	13	10	s	sw
1914	70.5	109	27	0.41	0	3	17	9	5	sw
1915	70.1	107	32	0.23	0	2	19	s	4	sw
1916	67.7	105	29	1.16	0	5	18	s	5	s
1891-1916	69.6	121	20	0.92	0	5	16	10	5	sw

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1916. 1st	+4.5	+4.7	+5.2	+5.6	+6.0	+5.9	+5.7	+5.3					
15th	+4.6	+5.0	+5.4	+5.7	+6.0	+5.8	+5.5	+5.1					

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Climatological data for August, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days.				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	7,000	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Wm. M. Cox.
Baker Ranger Station ‡‡	Garfield	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	R. F. Hall.
Beaver	Beaver	6,000	11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	S. Z. Jenkins.
Belknap Ranger Station ‡‡	Sevier	6,800	....	61.4	....	86[a]	24	32	18	51[a]	0.70	....	0.21	0	7	9	8	14	....	S. E. Henrie.
Black Rock	Millard	4,872	11	63.8	− 5.6	99	1	29	25	62	0.60	−0.14	0.25	0	3	13	11	7	....	Agent Salt Lake Route.
Blanding	San Juan	6,000	8	....	....	....	....	49	30	....	2.05	....	0.66	0	13	17	12	2	sw.	E. F. Thompson.
Bluff	San Juan	4,200	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Perry A. Clark.
Brigham City	Boxelder	4,305	3	72.2	....	94	1	46	21	37	0.34	....	0.34	0	1	....	....	....	....	N. Merrell Valentine.
Burrville	Sevier	6,800	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	M. L. Burr.
Castle Dale	Emery	5,500	16	....	....	....	....	....	....	....	3.05	+1.91	0.95	0	7	20	2	9	....	Miss Zella Jeffs.
Cedar City	Iron	5,750	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Parley Dalley.
Center ‡‡	Tooele	4,250	4	66.1	....	94	1	32	22	54	1.10	....	0.32	0	6	23	5	3	s.	L. C. Peterson.
Corinne	Boxelder	4,240	45	69.2	− 5.1	95	1	44	22†	43	0.97	+0.37	0.64	0	2	21	6	4	....	A. C. Murphy.
Deseret	Millard	4,541	20	69.0	− 2.3	96	1	40	22	49	0.45	−0.07	0.35	0	2	24	2	5	n.	S. W. Western.
Duchesne	Duchesne	5,515	8	65.0	....	87	24†	39	18	43	0.84	....	0.36	0	9	12	10	9	....	M. M. Smith.
East Portal ‡‡	Wasatch	7,606	3	55.2	....	77	1†	30	22	42	1.34	....	0.51	0	10	18	11	2	....	Reclamation Service.
Elberta	Utah	4,650	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	D. C. Walkey.
Emery	Emery	6,200	14	62.8	− 2.8	86	14	40	12†	42	0.83	−0.65	0.23	0	5	12	11	8	sw.	H. C. Wickman.
Escalante	Garfield	5,700	10	61.8	− 6.4	87	12	32	10†	53	1.25	−0.95	0.61	0	5	13	7	11	sw.	H. C. Haglund.
Farmington	Davis	4,268	14	70.4	+ 0.1	96	1	45	22	39	2.70	+1.84	2.24	0	4	25	6	0	sw.	Chas. Boylin.
Fillmore	Millard	5,100	23	71.2	− 3.3	97	2	41	19	46	0.19	−0.67	0.16	0	2	....	....	....	....	I. J. Starley.
Ft. Duchesne	Uinta	4,941	27	68.5	− 1.0	90	2	42	21	39	0.28	−0.42	0.10	0	4	22	9	0	w.	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	J. E. L. Carey.
Garland	Boxelder	4,248	3	68.4	....	93	1	46	17†	42	0.17	....	0.10	0	2	24	6	1	s.	J. T. Roberts.
Garrison	Millard	4,850	11	[b]68.7	....	92[b]	4	41[b]	19†	50[b]	1.43	....	1.00	0	4	25[c]	2[c]	2[c]	....	Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	14	69.8	− 1.8	95	1	40	19	39	1.51	+0.45	0.92	0	5	19	4	8	s.	Walter James.
Green River	Emery	4,080	15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	E. E. Adams.
Hanksville	Wayne	4,200	4	71.8	....	99	9	45	11†	49	2.44	....	0.61	0	6	15	12	4	sw.	F. J. Weber.
Heber	Wasatch	5,593	22	64.7	+ 0.1	94	1	35	22†	54	1.45	+0.45	0.55	0	8	21	7	3	s.	John Crook.
Henefer	Summit	5,301	15	63.6	− 0.8	92	1†	32	22	52	0.88	−0.33	0.31	0	7	18	10	3	w.	Wm. Brewer.
Hole-in-the-Rock ‡‡	Summit	8,600	....	....	....	....	....	....	....	....	0.57	....	0.24	0	3	23[c]	0[c]	5[c]	ne.	P. P. Peterson.
Holestein ‡‡	Boxelder	....	....	[c]61.2	....	87[c]	1	31[c]	19	40[c]	1.21	....	0.75	0	8	17	6	8	....	J. H. Kroencke.
Ibapah	Tooele	7,500	10	64.8	....	93	2	30	21	56	1.15	....	0.75	0	3	16	15	0	sw.	W. M. Chastain.
Iosepa	Tooele	4,356	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Willard Call.
Kanab	Kane	4,925	7	71.6	....	99	23	43	20	55	0.70	....	0.45	0	3	....	....	....	....	D. D. Rust.
Kelton	Boxelder	4,230	35	68.6	− 7.5	95	1	36	20	44	0.16	−0.06	0.16	0	1	7	21	3	nw.	F. W. Klock.
La Sal	San Juan	7,000	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	La Sal Live Stock Co.
Leeds (near) ‡‡	Washington	3,400	3	74.6	....	95[a]	21	48	17†	39[a]	1.44	....	0.46	0	4	21	5	5	....	B. F. Anderson.
Lehi	Utah	4,550	2	[f]69.4	....	96[f]	1	42[f]	17†	47[f]	1.33	....	0.50	0	5	16[f]	6[f]	3[f]	....	Joseph Anderson.
Lemay ‡‡	Boxelder	4,221	4	73.7	....	97	2	50	18	27	0.00	....	0.00	0	0	27	4	0	....	E. J. Ineck.
Levan	Juab	5,010	25	67.0	− 2.9	89	29	43	19	38	1.20	+0.31	0.83	0	3	11	10	10	....	John C. Jensen.
Logan	Cache	4,507	24	[b]72.4	+ 1.9	94	1†	45[c]	18	39[c]	0.20	−0.56	0.20	0	1	29	2	0	....	Experiment Station.
Lone Tree ‡‡	Uinta	....	....	69.2	....	98	1	37	23	55	0.84	....	0.44	0	4	16	12	3	sw.	J. A. Kay.
Low ‡‡	Tooele	4,602	4	77.2	....	99	1	55	22	31	0.42	....	0.42	0	1	12	0	19	n.	Agt. Western Pacific Co.
Lower American Fork ‡‡	Utah	5,063	1	73.5	....	100	4	50	19	34	1.66	....	0.92	0	4	22	4	5	s.	W. S. Greenwood.
Lower Mill Creek ‡‡	Salt Lake	4,959	2	....	....	....	....	45	18	....	1.49	....	0.88	0	3	16	9	6	n.	D. Folker.
Lucin	Boxelder	4,504	8	68.5	....	98	1	40	23	50	0.15	....	0.15	0	1	27	4	0	....	E. C. Puryear.
Manila	Uinta	6,225	5	63.0	....	88	14	33	10†	47	0.97	....	0.69	0	4	15	15	1	....	D. M. Nelson.
Manti	Sanpete	5,575	20	64.6	− 3.6	86	2	36	19	42	1.94	+1.29	0.84	0	7	6	5	20	....	J. M. Anderson.
Marysvale	Piute	6,180	14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Orson Taylor.
Meadowville ‡‡	Rich	6,200	14	62.4	− 0.8	90	1	35	22	42	0.45	−0.55	0.33	0	3	27	3	1	....	J. S. Moffat.
Midlake ‡‡	Boxelder	4,235	4	76.3	....	90	2	62	22	19	0.05	....	0.05	0	1	20	5	6	s.	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	71.2	....	101	1†	40	22	51	1.02	....	0.61	0	5	23	6	2	s.	C. C. Stibich.
Milford	Beaver	4,962	7	68.2	....	92	1	39	19	50	0.56	....	0.25	0	5	15	13	3	s.	Delta Land & Water Co.
Moab	Grand	4,000	25	73.6	− 1.7	95	3	48	22	43	0.90	+0.20	0.37	0	6	9	14	8	....	Henry Crouse.
Modena	Iron	5,479	14	65.8	− 2.8	88	23	43	10	40	1.97	+0.14	0.59	0	7	19	10	2	sw.	U. S. Weather Bureau.
Monticello	San Juan	7,050	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	E. H. Barton.
Morgan	Morgan	5,068	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Dasil Smith.
Moroni	Sanpete	6,000	7	66.2	....	86	2	43[a]	19	35[a]	0.81	....	0.33	0	7	10	13	8	sw.	B. F. Ellason.
Mosida	Utah	4,510	3	67.6	....	91	8	43	19	45	0.35	....	0.35	0	1	13	14	4	....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	63.9	....	87	1	42	19†	38	0.90	....	0.28	0	6	18	12	1	w.	Oscar Wilkins.
Nephi (near)	Juab	5,119	10	68.5	....	93	1	38	19	45	0.78	....	0.38	0	4	28[c]	2[c]	3[c]	s.	J. W. Jones.
Oak City	Millard	4,900	8	[f]72.4	....	96[f]	1	43[f]	19	43[f]	0.96	....	0.26	0	9	14[f]	4[f]	7[f]	....	Wm. I. Alldredge.
Ogden	Weber	4,310	44	72.8	− 3.6	98	1	46	22	39	1.46	+0.88	0.80	0	5	27	4	0	....	Ralph Shorton.
Panguitch	Garfield	6,560	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	H. L. Strembel.
Panguitch Lake ‡‡	Garfield	8,000	....	[f]52.3	....	74[f]	7	30[f]	19	34[f]	2.00	....	0.85	0	5	12[d]	15[d]	0[d]	....	W. M. Hurst.
Park City	Summit	7,000	10	63.4	+ 0.9	84	3	37	19	39	1.53	+0.16	1.00	0	3	....	....	....	....	W. B. Wilson.
Parowan	Iron	5,970	24	66.0	− 3.2	88	23	43	20	38	1.89	+0.50	0.68	0	9	13	7	11	....	Alex Matheson.
Pasadena Ranch ‡‡	Iron	5,131	1	66.5	....	91	1†	40	19†	50	1.63	....	0.93	0	9	21	6	4	sw.	W. S. Hall.
Pine View ‡‡	Summit	6,335	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Granville Deming.
Pinto	Washington	5,907	17	61.0	− 3.6	86	22†	33	21	52	2.58	+0.63	0.68	0	10	14	11	6	s.	J. H. Harrison.
Price	Carbon	5,557	4	66.6	....	88	1†	43	17	41	1.19	....	0.36	0	8	14	9	8	....	Walter Bass.
Provo	Utah	4,532	21	68.0	− 2.8	94	1†	40	19	47	0.67	+0.07	0.33	0	6	17	11	3	....	Reclamation Service.
Richfield	Sevier	5,350	21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Thos. Brown.
Riverdale ‡‡	Weber	4,310	2	71.8	....	94	2†	44	18	39	0.62	....	0.50	0	4	16	14	1	s.	Eugene Bone.
St. George	Washington	2,880	22	79.2	− 1.5	105[a]	23	52	22	49[a]	0.61	−0.17	0.24	0	7	21	2	8	sw.	David Gourley.
Saltair	Salt Lake	4,220	11	72.0	− 1.9	88	8	54	22	27	0.51	−0.38	0.44	0	2	....	....	....	....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	41	72.9	− 2.6	95	1	51	19	31	0.60	−0.18	0.40	0	7	20	8	3	se.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	71.7	....	93[b]	1	42[b]	19	35[b]	0.23	....	0.20	0	2	15	11	5	....	Wm. Broadbent.
Scipio	Millard	5,260	20	66.4	− 2.1	91	1	36	19	50	0.04	−0.95	0.02	0	3	17	1	13	sw.	Samuel Mammott.
Scofield	Carbon	7,625	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	B. Newren.
Snake Creek ‡‡	Wasatch	5,950	2	61.5	....	90	2	35	22	44	1.81	....	0.68	0	7	17	14	0	s.	J. W. Orrock.
Snowville	Boxelder	....	2	64.0	− 3.2	97	1	31	19†	60	0.20	−0.28	0.20	0	1	27	0	4	s.	J. C. Cutler.
Spanish Fork	Utah	4,585	6	71.5	....	95	1	46	18	42	0.56	....	0.21	0	6	21	7	3	....	W. P. Shippee.
Springdale	Washington	3,500	7	68.8	....	88	27	55	19†	27	0.88	....	0.25	0	4	17[c]	8[c]	3[c]	....	F. D. Gifford.
Standrod	Boxelder	6,000	10	65.0	....	90	1	34	19	35	0.98	....	0.80	0	3	25	6	0	s.	T. B. Jones.
Teasdale	Wayne	7,000	6	59.8	− 5.5	77	9†	42	21†	35	1.01	−0.41	0.23	0	10	9	9	13	w.	Henry Cullum.
Thistle	Utah	5,075	21	....	....	89	1	....	....	....	0.62	−0.32	0.29	0	5	18	10	3	....	John I. Hayes.
Thompsons	Grand	5,150	3	73.9	....	95	2†	54	24†	39	0.20	....	0.09	0	3	26	5	0	sw.	J. F. Geeslin.
Tooele	Tooele	4,900	19	71.2	− 1.2	95	1	44	19	36	1.21	+0.23	0.54	0	8	6	12	13	w.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	70.3	....	99	28	46	18	46	0.19	....	0.11	0	4	18	11	2	s.	A. I. Rosa.
Tropic	Garfield	7,000	18	[b]62.8	− 2.0	87[b]	8	38[b]	10†	43[b]	....	....	....	0	....	11[b]	11[b]	1[b]	....	E. P. Bolton.
University of Utah ‡‡	Salt Lake	4,500	2	71.8	....	93	1	47	18	36	0.58	....	0.23	0	4	29	2	0	sw.	Chas. E. Forsberg.
Utah Exp. Station ‡‡	Sanpete	8,750	1	56.6	....	74	2†	36	19	32	2.18	....	0.44	0	9	13	12	6	sw.	Forest Service.
Vernal	Uinta	5,060	17	62.1	− 7.4	86	1	36	20†	47	0.39	−0.29	0.30	0	4	22	0	9	w.	Mrs. S. M. Logan.
Watson (near) ‡‡	Uinta	6,210	5	66.4	....	88	2	45	28†	39	2.52	....	0.98	0	12	13	0	18	....	Homer D. Ford.
Wendover	Tooele	4,237	4	74.7	....	99	1	50	19†	38	0.17	....	0.13	0	2	26	4	1	se.	C. Gibson.
Woodruff	Rich	6,500	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	O. J. Call.
Woodside	Emery	4,645	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Frank Groussman.
For the State		....	....	67.7	− 2.7	105	23	29	25	62	1.16	+0.02	2.24	0	5	18	8	5	s.	

See page 70 for explanation of reference marks.

Daily precipitation for August, 1916.

Stations.	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	
Alpine				.26	.52		.04									.35												.07				1.24
Alton (C)																																
Baker Ranger Station (C)																																
Beaver																																
Beaver Creek Nursery	.25	.02		.08	.21	.31	.10	.11					.10		T.	.16													.02	.39		1.75
Belknap Ranger Station		.02	.21		.21	.21			.01				.01																.03	T.		0.70
Benmore																																
Big Plains (C)																																
Black Rock	.25				T.							T.				.10												.25				
Blanding (C)	.18	.05	.13	T.	.07	.09		.05	.02			.27	.18	.66														.25				0.60
Bluff (C)																								.06	.08	T.			.26	T.		2.05
Brigham City					.34			T.																								0.34
Burrville																																
Canaan (C)																																
Castle Dale (C)			.05	.50	.25			.30	.95			.95																			.05	3.05
Castle Rock	.05			.20		.10	.40	.24																								1.29
Cedar City																											.10	.05	.15			
Cedar Fort																																
Center				.32	.30	.27	T.	.08				.05																.10				1.10
Clarkston					.05																											0.05
Corinne					.33			.64																								0.97
Cottonwood Nursery				.34	.75	.58		.79					.08			.32												.05				2.91
Deep Creek																																
Deseret												T.			.35																
Duchesne (C)			T.	.01	.12	.06		T.				.05	.07	.36	.01					T.					T.			.10				0.45
East Portal (C)	.06		T.	T.	.51	.07	.02	.05				.09	.15		.05	.31												T.	T.	.03		0.84
Elberta																																1.34
Elkhorn (C)			.02		.44	.12		.45				.09			.02																	
Emery		.21	T.	T.	T.						.20	.10	.23		.09															.14		1.28
Enterprise	.26		.80		.15							.10		.07	.12																	0.83
Erekson																										.09		.40		.13		2.12
Escalante (C)		T.	.31	T.	.06	.18	.09					.61	T.																			
Farmington				.17	.19		.10	T.																		T.						1.25
Fillmore				T.	.16							T.				.03												T.				2.70
Ft. Duchesne (C)					.08		T.	T.				.04	T.			.10													2	24		0.19
Fruitland (C)																														.06		0.28
Garland				T.	.10		.07	T.						T.																		
Garrison			.20	1.00																												0.17
Government Creek	.12	T.	T.	T.	.92	.43						T.	.03															13	.10			1.43
Grantsville				.53	.25																							T.	.01			1.51
Green River (C)																													.04			0.82
Green River Ranger Station (C)		.01	.02	.03	.01			.01			.02			.01																		
Grouse Creek																													.03			0.14
Hanksville (C)	.48		.49	.51								.61	.25															.10				
Hatch	.06	.05	.70		.15	.13		T.					.05													.10		.13		.14	.20	2.41
Hayden (C)					.06		.08	.40				.22				.19																1.81
Heber		T.		.55	.22	.26		.03					.05		T.	.20																0.95
Henefer	T.			.22	.31	.11	T.	.03	.07				.05	T.												T.				10	.01		1.45
High Line City Creek				.14	.15	.28						.06																	.09	T.		0.88
Hole-in-the-Rock (C)		.15															T.		.24										18			0.63
Holstein Ranger Station (C)		.02					.75		.28				.01					.06										.05	.02	.02		0.57
Howell																																1.21
Hurricane (C)																																
Ibapah		.75			.35																											
Indian Farm	.11	.04	T.		.70	.35	T.	T.																				.05				1.15
Iosepa																													.06			1.26
Joseph					.05											.11																
Jozella Ranch		.75	.20	.55	.20																					.50						0.16
Junction		.25	.01		.15			T.																		.02						2.20
Kanab (C)			.22		.03																								45			0.45
Kanosh										.10																		.08				0.70
Kelton				T.			16					T.																				0.18
Lake View Farm			.32	.08	.35	T.						T.	.02		T.	.08	T.											.05	T			0.16
La Sal (C)																																0.90
Leeds, (near) (C)	.46	T.	.25	.35							T.																					
Lehi				.45	.15		.50	.03																				.38				1.44
Lemay																									20							1.23
Levan	T.		.83		.21							T.				.16																0.99
Logan				T.	.20			T.																								1.20
Lone Tree (C)			T.		.44			T.	.34			.04														T.			T.	.02		0.20
Low					.42																											0.84
Lower American Fork					.42	.92							.02			.30																0.12
Lower Mill Creek					.88	.44							T.			.17																1.66
Lucin																																1.49
Manila (C)				.69	.06	.10																						.15				0.15
Manti	.08		.11	.84	.20							.16	.07	T.		.48										T.		12				0.97
Marysvale																																1.94
Meadowville				T.	.33	.07	T.	T.													.05									T.		
Midlake					.05		T.																									0.45
Midvale				.61	.27		T.	T.				.03	T.		T.	.06													05			0.05
Milford		.11			.09							.02				.09												25				1.02
Mills		.05	T.	.30	.78	T.										.09												T				0.56
Milliville				T.	.17	T.	T.	T.																								1.22
Minersville	.01	.47	.04		.12							.04				T												.22	.05			0.17
Moab (C)			.14		.02			.06			T.	.37	.25																06	T		0.98
Modena ***	.53	.34	.42			T.						.17													.02	T.		.03	.46			0.90
Monticello (C)																																1.97
Monticello Ranger Sta. (C)			.19			.53						.55			.21	.05								.38				.09				1.97
Morgan																																
Moroni		T.	.24	T.	.08	.03	.02	.02			T.	.09			T.	.33										T.	T.	T.				0.81
Mosida						.35																										0.35
Mountain Home (C)					.28	.05	.10	.19																								0.50
Myton (C)					.11	T.	T.	.03	T.		.07	.03	T.																20	.08		0.26
Nada		.77	1.40	.01	.10							.03			.01	.12													02	T.		2.75
Nephi (near)			.38	.26			.04									.10												28	.03			0.78
New Castle																																
New Harmony (C)																																
Oak City	.15	.26	.01	.11	.16		.06					T.			.11	.06												.01				0.86
Ogden					.10	.52			.01							.03														.80		1.46
Orderville (C)																																
Panguitch																																
Panguitch Lake			.50		.31	.10						.24																	.85			2.00
Park City				1.00	T.	.50	T.	T.					T.			.03												T.	T.	T.		1.53
Park Valley (near)																																
Parowan		.08	.05		.29	.04						.20		T.		.10										.05		.09	.29			1.89

Continued on page 70.

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Daily temperatures for August, 1916.

Stations.		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	Mean.
Blanding	Maximum																																
	Minimum	59	60	62	56	57	57	56	59	59	53	55	60	59	54	52	55	52	51	51	56	53	55	56	56	56	53	52	52	53	49	54	55.2
Corinne	Maximum	95	94	93	93	89	90	88	89	79	85	87	87	88	89	90	82	86	80	75	78	78	83	87	87	83	85	87	88	83	81	85	85.9
	Minimum	59	61	67	63	58	55	53	67	51	48	50	50	53	55	53	63	58	46	50	45	48	44	45	48	48	45	44	48	53	52	50	52.6
Deseret	Maximum	96	93	92	88	84	86	89	88	87	89	90	89	89	87	83	85	84	79	80	82	83	87	90	90	91	90	89	88	81	83	87	87.1
	Minimum	65	62	63	60	52	54	56	60	48	43	45	53	58	56	54	57	51	45	41	46	44	40	41	42	51	51	43	49	53	50	44	50.9
Duchesne	Maximum	85	84	81	80	79	77	80	85	81	83	86	76	82	80	83	77	82	80	81	77	78	84	86	87	86	84	81	87	78	74	80	81.4
	Minimum	56	52	57	55	59	52	48	50	46	46	43	51	57	51	51	50	46	39	44	48	40	45	46	50	48	44	40	44	58	48	45	48.7
Elberta	Maximum																																
	Minimum																																
Emery	Maximum	82	77	81	80	82	85	81	80	82	83	81	82	77	86	73	70	80	81	80	79	78	77	80	82	81	78	84	83	82	85	81	80.4
	Minimum	50	51	49	46	50	51	53	49	42	43	42	40	55	51	50	45	42	43	45	42	40	40	43	45	42	41	44	41	42	45	43	45.2
Fillmore	Maximum	96	97	90	87	78	90	90	90	88	90	90	92	88	90	88	85	89	82	83	85	87	90	93	88	92	91	91	92	85	84	90	88.7
	Minimum	64	58	60	57	58	54	57	63	53	54	52	62	54	56	55	53	53	49	41	48	44	44	47	52	54	54	50	57	54	48	56	53.6
Ft. Duchesne	Maximum	89	90	82	88	84	81	86	87	88	84	86	81	83	82	86	80	84	83	82	80	81	83	88	89	82	85	81	83	81	79	80	83.8
	Minimum	52	53	52	55	54	55	54	55	53	55	54	55	53	56	54	53	50	49	53	47	42	55	53	55	54	53	55	54	57	56	54	53.2
Fruitland	Maximum																																
	Minimum																																
Government Creek	Maximum	95	89	92	88	82	84	86	85	87	87	86	87	84	85	84	80	83	75	72	77	78	83	86	87	88	84	87	88	79	79	84	84.2
	Minimum	68	62	62	63	59	52	60	59	60	63	68	59	59	59	57	53	54	46	40	47	41	44	49	51	55	57	52	58	56	51	50	55.3
Green River	Maximum																																
	Minimum																																
Henefer	Maximum	92	92	90	85	84	80	83	85	76	88	84	87	83	84	83	79	82	78	77	78	77	84	85	86	85	83	84	85	77	79	83	83.2
	Minimum	47	51	51	53	53	51	45	53	45	37	39	46	55	48	43	42	36	46	42	46	40	32	35	38	38	41	35	34	46	49	49	44.1
Ibapah	Maximum	91	93	90	89	89	80	87	89	80	81	85	84	87	88	84	84	80	70	70	75	79	84	90	91	90	88	89	88	82	80	88	84.7
	Minimum	47	54	56	58	57	49	51	57	39	41	39	43	50	53	50	51	40	38	35	36	30	31	34	38	43	48	36	49	50	45	40	44.8
Kelton	Maximum	95	94	94	93	91	86	88	88	85	90	89	88	90	88	89	87	87	64	72	74	78	85	86	90	90	86	85	86	82	78	83	85.8
	Minimum	59	60	63	62	64	58	60	62	48	52	48	48	49	51	58	48	51	49	49	36	40	41	46	46	47	52	48	47	55	48	47	51.4
La Sal	Maximum																																
	Minimum																																
Leeds (near) §§	Maximum	90	88	88	82	86	91	93	86	88	91	77	86	88	86	88	85	85	87	88	91	95	87	89	91	91	89	82	82	89	93	....	[a]87.7
	Minimum	82	72	68	72	69	70	65	68	64	64	64	69	66	67	59	53	48	48	54	55	59	59	68	57	54	60	53	51	57	68	58	61.6
Lemay	Maximum	96	97	95	93	92	87	86	85	83	90	87	83	85	83	84	83	84	76	70	80	78	83	87	90	84	84	85	80	80	78	81	84.8
	Minimum	72	73	73	70	68	62	63	66	62	64	65	62	64	67	67	64	65	50	53	56	55	58	60	63	58	60	63	60	60	59	60	62.6
Levan	Maximum	85	87	81	79	76	81	83	85	80	83	85	84	82	81	83	77	80	74	76	77	79	81	85	85	86	84	83	84	89	77	82	81.7
	Minimum	60	57	57	58	60	55	55	57	51	50	50	57	57	56	55	53	47	49	43	50	46	46	48	47	51	53	49	51	52	52	48	52.3
Logan	Maximum	94	94	94	90	85	83	87	85	83	86	88	87	85	88	87	85	82	82	82	78	78	83	87	88	88	87	85	88	87	80	85	85.8
	Minimum	69	....	....	75	64	60	70	70	70	65	60	58	55	62	61	58	45	48	48	47	48	58	59	58	58	60	55	59	56	56	[c]59.0	
Low §§	Maximum	99	95	96	94	95	85	94	95	82	90	92	91	88	90	90	85	90	79	72	81	81	86	92	91	92	88	85	83	82	82	85	88.1
	Minimum	79	65	85	66	67	60	72	77	64	70	72	70	70	72	73	70	72	50	56	62	62	55	62	64	65	64	61	60	60	60	60	66.2
Lucin	Maximum	98	96	96	95	89	91	90	89	87	87	90	89	90	89	80	86	82	75	74	77	88	87	90	95	95	95	91	89	89	86	85	88.4
	Minimum	56	61	58	57	59	55	54	51	48	47	47	49	45	45	45	45	41	43	45	43	43	40	52	50	53	47	45	45	47	47	47	48.6
Manila	Maximum	87	85	83	80	79	75	80	80	76	80	86	77	83	88	85	81	80	78	80	75	74	70	86	85	83	87	80	85	75	73	80	80.5
	Minimum	48	53	61	41	54	51	46	45	35	33	54	47	58	45	60	58	42	46	35	33	35	36	45	42	40	43	38	55	40	47	40	45.4
Manti	Maximum	85	86	76	81	77	81	84	85	80	82	80	81	81	80	81	78	81	78	78	81	82	84	82	83	82	81	82	78	76	81	80	80.9
	Minimum	53	53	53	54	51	48	48	52	53	42	50	50	52	51	49	41	41	55	36	52	42	46	46	46	48	44	47	50	49	45	48	48.2
Meadowville	Maximum	90	88	85	81	83	76	80	85	74	80	82	84	82	80	85	78	70	76	80	70	69	74	79	84	82	77	76	81	78	76	78	[b]79.3
	Minimum	50	52	55	51	53	49	43	50	43	40	45	42	55	42	47	48	46	40	42	44	42	35	38	42	44	47	40	40	50	49	44	45.4
Milford	Maximum	92	89	85	82	76	87	90	84	84	87	88	83	84	86	84	81	83	81	83	82	84	87	91	91	91	90	90	88	78	81	86	85.4
	Minimum	62	61	61	59	60	53	56	58	47	50	42	51	56	52	57	55	49	46	39	42	46	41	41	41	56	57	47	49	54	46	43	50.9
Moab	Maximum	89	88	95	90	92	92	91	93	89	94	93	83	81	84	88	89	88	89	89	89	90	84	90	91	90	91	87	91	88	84	86	89.0
	Minimum	70	65	60	61	60	63	58	60	66	57	50	70	65	60	61	60	54	63	59	59	51	48	52	53	57	58	51	50	61	54	52	58.3
Modena	Maximum	87	85	83	77	76	82	85	84	82	80	83	75	79	81	78	77	78	75	77	80	83	85	88	84	85	85	86	80	74	80	83	81.2
	Minimum	59	56	57	55	58	54	56	55	45	43	44	50	50	53	54	49	44	49	44	48	50	45	48	50	52	53	47	52	50	45	49	50.5
Monticello	Maximum																																
	Minimum																																
Moroni	Maximum	85	86	76	78	88	80	82	85	78	82	80	83	79	80	79	69	78	73	76	76	77	84	83	85	84	83	84	81	80	74	76	80.1
	Minimum	56	57	56	58	56	47	....	55	58	50	54	52	53	54	54	51	50	56	43	47	46	50	48	50	51	49	50	51	53	50	52	[a]52.2
Mosida	Maximum	89	82	86	86	82	80	85	91	89	81	90	88	82	88	87	82	86	83	75	75	76	78	80	84	86	86	82	82	81	78	80	83.3
	Minimum	61	62	63	59	56	54	55	56	57	50	45	52	56	53	58	52	45	50	43	52	48	49	46	48	50	51	44	50	51	49	48	52.0
Ogden §§	Maximum	98	95	95	93	88	85	92	89	88	88	90	89	90	91	90	84	87	68	78	79	81	85	89	91	91	89	90	92	84	83	88	87.7
	Minimum	68	66	64	68	62	55	62	73	51	54	55	59	59	56	64	62	62	49	51	52	51	46	50	53	55	61	57	55	57	55	56	57.8
Panguitch	Maximum																																
	Minimum																																
Park City	Maximum	77	76	84	78	75	75	79	74	71	76	78	80	76	78	76	73	75	74	73	71	73	79	80	80	79	76	78	78	73	72	76	76.2
	Minimum	62	55	71	55	57	48	52	56	46	43	63	54	57	49	57	47	46	41	37	47	41	40	45	48	48	50	48	48	58	46	58	50.7
Parowan	Maximum	83	86	76	79	73	78	82	82	78	81	83	76	78	80	77	77	78	75	77	77	82	85	88	84	86	85	87	81	76	76	83	80.4
	Minimum	60	55	58	55	56	52	55	62	54	47	50	53	56	50	50	53	48	47	45	43	47	47	52	57	51	50	50	55	48	44	47	51.5
Pasadena Ranch	Maximum	91	89	86	81	72	85	89	88	84	84	87	80	82	84	82	80	82	78	81	82	85	88	91	90	89	88	89	84	77	83	86	84.4
	Minimum	59	57	60	56	58	51	56	58	45	42	42	52	53	45	58	52	44	44	40	41	43	41	41	40	44	49	43	52	51	50	41	48.6
Pinto	Maximum	75	81	80	75	70	78	79	81	81	80	80	70	77	77	76	75	75	73	77	82	86	86	82	84	83	83	83	73	80	80	78.6	
	Minimum	48	50	55	54	56	46	40	39	36	59	40	41	47	47	46	43	42	41	41	34	33	34	36	43	45	40	41	47	40	42	40	43.4
Provo	Maximum	94	94	89	89	83	85	88	87	85	86	89	87	92	88	86	86	85	84	80	81	80	84	88	88	88	90	90	86	83	80	85	86.5
	Minimum	56	59	61	60	57	56	52	57	51	46	44	52	57	50	53	50	44	46	40	48	43	42	41	42	44	45	44	49	52	49	46	49.4
Richfield	Maximum																																
	Minimum																																
SALT LAKE CITY	Maximum	95	92	92	87	85	81	89	88	78	88	90	90	84	88	87	81	85	66	71	76	76	82	85	86	88	83	87	89	80	79	84	84.3
	Minimum	73	69	68	70	63	61	65	69	61	57	65	67	64	65	70	58	62	52	51	55	57	54	59	60	59	63	62	60	59	60	59	61.5
Scofield	Maximum																																
	Minimum																																
Springdale	Maximum	70	72	73	74	70	78	79	75	68	79	80	65	80	77	80	82	80	79	80	80	75	76	78	75	71	78	88	78	81	73	80	76.6
	Minimum	67	67	65	65	64	64	65	65	59	60	64	64	62	64	62	59	58	55	54	59	58	55	60	59	58	61	60	60	58	58	61	61.1
Standrod	Maximum	90	87	85	86	73	76	80	81	72	79	78	82	75	79	75	81	77	57	67	74	80	82	85	86	85	79	81	84	76	80	83	79.2
	Minimum	70	59	59	51	53	49	49	52	51	46	49	50	53	50	57	50	51	39	34	40	48	54	53	58	54	52	50	50	48	47	52	50.9
Teasdale	Maximum	74	72	71	70	70	71	75	74	77	72	73	77	70	69	72	71	72	71	70	73	75	75	76	77	76	75	73	76	70	71	70	72.8
	Minimum	52	53	53	52	51	50	49	52	51	48	43	45	55	47	46	47	43	44	43	45	42	44	43	42	45	44	44	45	49	43	42	46.8
Tooele	Maximum	95	90	93	88	83	90	85	87	83	85	86	90	87	88	85	84	83	80	71	71	77	83	86	88	89	85	87	87	80	80	84	84.8
	Minimum	69	65	63	61	59	54	58	75	54	55	63	62	58	60	68	56	67	50	44	50	48	49	56	55	59	61	56	53	51	51	53	57.5
Tremonton §§	Maximum	96	93	93	92	87	83	89	90	80	86	87	89	86	89	87	82	85	64	76	79	79	87	91	90	89	87	89	99	82	82	88	86.3
	Minimum	59	62	66	61	59	56	59	61	47	55	50	50	55	59	54	54	53	46	50	51	51	51	55	58	50	52	54	53	53	50	50	54.3
Tropic	Maximum	75	80	72	74	72	80	78	87	78	72	82	78	81	79	80	82	76	77	78	80	82	84	81	....	....	....	....	....	....	....	....	[b]78.6
	Minimum	52	55	52	50	54	52	51	52	45	38	41	46	49	51	55	45	40	39	38	41	39	46	47	....	....	....	....	....	....	....	....	[b]46.9
Watson (near)	Maximum	87	88	79	79	80	79	82	82	82	82	86	85	85	78	82	78	80	82	80	80	80	83	85	85	84	83	83	82	85	74	79	81.9
	Minimum	58	59	57	48	51	52	49	54	56	48	50	55	51	55	58	58	50	47	49	55	47	46	47	49	50	49	46	45	46	46	45	50.8
Wendover	Maximum	99	95	94	86	87	86	95	92	85	87	91	94	90	91	90	90	90	83	76	81	78	88	87	90	91	93	90	88	82	84	88	88.4
	Minimum	68	71	69	68	65	60	65	70	58	62	61	64	65	65	69	62	67	54	50	54	51	50	55	57	58	68	59	60	57	57	57	61.0

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Total Precipitation, Inches, August, 1916.

Daily precipitation for August, 1916—Continued from page 67.

Stations.	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	
Pasadena Ranch	.05	.02	.27	....	.05	....	....	....	....	....	....	.11	....	....	.03	.07	....	....	....	....	....	....	....	....	....	....	....	.93	.10	....	....	1.(
Payson	....	....	....	....	.40	T.	T.	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	0.8(
Pine View	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pinto (C)	.68	....	....	.45	.31	....	....	....	....	....	....	.11	....	.01	T.	....	....	....	....	....	....	....	....	....	.07	.12	.08	.65	.10	....	....	2.58
Price (C)	.06	....	....	.25	.36	T.	....	.12	....	....	....	.15	.03	....	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	1.19
Provo	....	....	....	....	.33	.11	....	.05	....	....	....	....	.04	....	.01	.13	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	....	0.67
Randolph	....	....	....	....	.15	T.	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	T.	0.55
Reed	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	.11	....	....	....	....	....	....	....	....	....	....	....	....	.18	.02	....	....	0.36
Revere	....	....	....	.63	.34	T.	.19	....	....	....	....	.27	....	....	.08	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.55
Richfield	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Richmond ‖‖	....	....	T.	....	.17	....	.14	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.35
Riverdale	....	....	....	.01	.50	....	....	.01	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	0.62
St. George (C)	....	....	.03	.07	.24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	....	.04	.02	.12	....	0.61
Saltair	....	....	....	....	.44	....	.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.51
SALT LAKE CITY ***	....	....	....	.18	.24	....	T.	.02	....	....	....	.07	T.	....	.01	.02	....	....	....	....	....	....	....	....	....	....	....	T.	.06	....	....	0.60
Santaquin	T.	T.	....	T.	T.	....	....	T.	....	....	....	.03	....	....	.20	T.	....	....	....	....	....	....	....	....	....	....	....	T.	T.	....	....	0.23
Scipio	T.	....	.01	T.	.02	....	T.	T.	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	*	....	....	....	....	T.	....	....	....	0.04
Scofield (C)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Silver City	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Silver Lake ‡	....	T.	....	....	1.34	....	....	.64	....	....	....	....	....	....	....	.31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.29
Snake Creek ‖‖	....	T.	T.	.68	.57	....	....	.06	....	....	....	.10	....	....	.24	....	....	....	....	....	....	....	....	....	....	....	....	....	.06	.10	....	1.81
Snowville	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.20
Spanish Fork	....	....	....	....	.21	.05	T.	....	....	....	....	....	.08	....	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	.06	.01	....	0.56
Springdale (C)	.16	....	T.	....	.23	....	....	....	....	....	....	.24	....	T.	....	....	....	.02	....	....	....	....	....	....	....	....	....	T.	T.	.25	....	0.88
Standrod	....	....	....	....	.80	....	.16	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.98
Sunnyside (C)	....	.20	T.	....	T.	....	....	.10	T.	....	....	1.00	.30	.40	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	.75	....	2.75
Teasdale (C)	.02	.08	.17	.09	.05	T.	....	....	....	....	T.	.22	.23	.07	T.	T.	....	....	....	....	....	....	....	T.	....	.01	....	.07	T.	....	1.01
Thistle	....	....	....	....	.29	T.	....	....	....	....	....	.15	.03	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.11	.04	....	....	0.62
Thompsons (C)	....	....	....	.09	....	.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	....	....	0.20
Tooele	T.	....	....	.10	.54	.32	T.	.02	....	....	....	.07	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	.06	.05	....	1.21
Tremonton ‖‖	....	....	....	....	....	.11	....	....	.05	....	....	....	.02	....	.01	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	0.19
Tropic (C)	.17	.44	.37	.10	.17	.04	.26	....	....	....	....	.19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Trout Creek Ranger (C)	.16	.04	.37	.07	.07	.60	....	.31	....	....	....	.07	.12	.28	....	.10	....	....	....	T.	....	....	....	....	....	....	....	T.	.10	.11	....	2.40
University of Utah	....	....	....	....	.17	....	....	....	....	....	....	....	.23	....	....	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	....	0.58
Utah Experiment Station	.36	.39	T.	.04	.44	....	T.	T.	.17	....	....	.29	....	....	.27	.20	....	....	....	....	....	....	....	....	....	....	....	.02	....	....	....	2.18
Vernal (C)	....	....	....	....	.30	....	....	.02	....	....	....	.05	.02	....	....	....	....	....	....	....	....	....	*	....	....	....	....	....	....	....	....	0.39
Victor (C)	....	....	....	.35	.68	....	....	....	....	....	....	....	.18	....	....	....	....	....	....	.15	....	....	....	....	....	....	....	....	T.	....	....	....	1.36
Watson (near) (C)	....	....	....	.98	.13	.50	.01	.03	.01	....	....	.03	.23	.02	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	.49	.03	....	2.52
Wendover	....	....	....	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.18	....	....	0.17
Whiskey Creek ‖‖	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.00
Winder	1.20	.30	.10	1.50	....	.10	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	3.40
Woodruff	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Woodside (C)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Explanation of reference marks used in this publication.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing; for example, [c] represents three days missing, etc.

‡‡ Post-office addresses of these stations are as follows: Of Baker Ranger Station, Boulder; of Belknap Ranger Station, Joseph; of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Hole-in-the-Rock, Lonetree, Wyo.; of Holstein Ranger Station, Yost; of Leeds (near), Kanarra; of Lemay, Lucin; of Lone Tree, Jensen; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Panguitch Lake, Panguitch; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

UTAH SECTION

SEPTEMBER, 1916

BY

ALFRED H. THIESSEN

METEOROLOGIST

SALT LAKE CITY, UTAH

WEATHER BUREAU OFFICE

OCTOBER 19, 1916.

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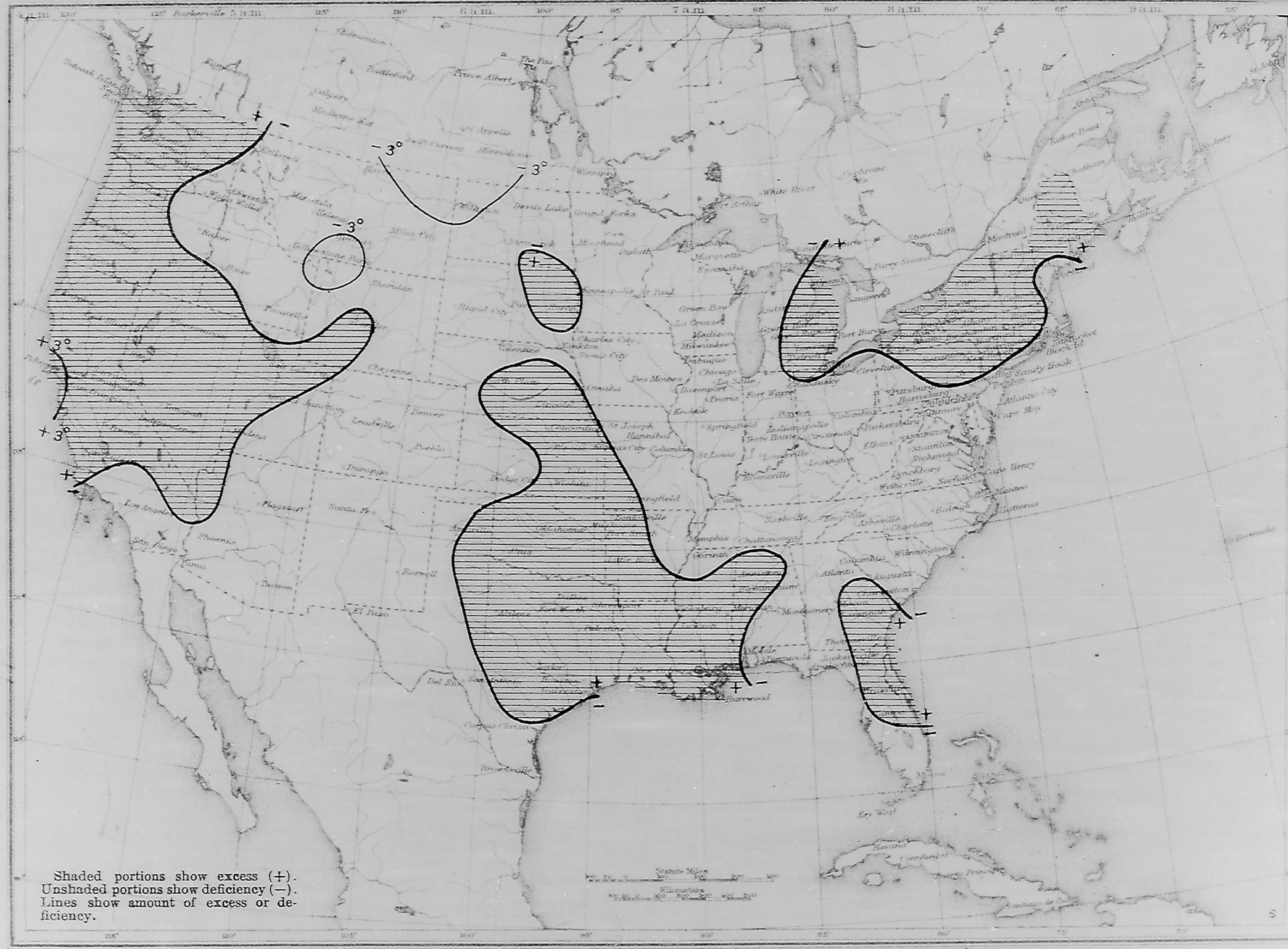
Harkerville 5 a.m.
6 a.m.
7 a.m.
8 a.m.
9 a.m.
−3°
−3°
−3°
+3°
+3°
Shaded portions show excess (+).
Unshaded portions show deficiency (—).
Lines show amount of excess or deficiency.
Statute Miles
Kilometers

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

UTAH SECTION.

ALFRED H. THIESSEN, Meteorologist.

VOL. XVIII. SALT LAKE CITY, UTAH, SEPTEMBER, 1916. No. 9.

GENERAL SUMMARY.

September was a bright, pleasant month of normal temperature, but with only about one-half of the normal rainfall. The warm, sunshiny days were favorable for thrashing and harvesting of late crops, and for other fall work, but in many places the soil was too dry for fall plowing. Some summer fallow land had been prepared, however, and some grain seeded, and, where seeded, it had germinated, but was much in need of moisture. The gathering of beets and potatoes was in progress at the end of the month; all other important crops had been harvested. The yield, except of potatoes, was generally light.

Frosts, varying with the locality from light to killing, occurred during the second week of the month, with serious damage to late truck crops, especially tomatoes and melons, and with some damage to alfalfa seed. These frosts marked the close of a short growing season, since they occurred rather earlier than usual, and the spring frosts were late. The ranges were dry and feed getting scarce, but the cattle were coming off in medium condition.—T. A. B.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea level, was 29.92 inches, obtained from data at Salt Lake City and Modena.

The highest was 30.29 inches at Salt Lake City on the 11th.

The lowest was 29.51 inches at Salt Lake City on the 30th.

TEMPERATURE.

The monthly mean temperature for the State as determined from 74 stations was 59.9°, which is 0.2° below normal. Of the 33 stations having normals, 17 reported monthly mean temperatures above, and 14 below normal, while 2 were exactly normal. The greatest plus departure was 2.2° at Logan, whose monthly average was 63.2°; and the greatest minus departure was 5.2° at Vernal, whose monthly average was 54.4°. The highest temperatures occurred generally on the 1st and 2d, and were 90° or above at more than one-third of the stations. The highest temperature for the State was 102° on the 1st at St. George. The minimum temperatures fell to the freezing point or below at 51 of the 74 stations. The lowest temperatures occurred generally from the 10th to the 12th, but at a few stations from the 26th to the 29th, the lowest being 17° at Scofield on the 28th.

HUMIDITY.

At Salt Lake City the mean relative humidity at 6 a. m. was 44 per cent, and at 6 p. m. 28 per cent. At Modena at 6 a. m. it was 56 per cent, and at 6 p. m. 18 per cent.

PRECIPITATION.

The precipitation for the State averaged 0.59 inch, which is 0.56 inch below normal. Of 38 stations having ten years or more record, only four reported amounts above normal. Rains occurred at most stations on the 8th or 9th, and again on the 22d or 23d, and there were scattered local showers on other dates. The heaviest 24-hour amount was 1.72 inches at Snake Creek on the 30th, and the greatest local monthly amount was 3.14 inches also at Snake Creek. There were 9 stations where not more than a trace of rain fell.

WIND.

The prevailing direction of the wind for the State was from the south. The average velocity at Salt Lake City was 7.5 miles per hour; the highest, 42 miles per hour from the west on the 22d; and the prevailing direction, from the southeast. At Modena the average velocity was 10.6 miles per hour; the highest, 52 miles per hour from the southwest on the 17th; and the prevailing direction, from the west.

SUNSHINE AND CLOUDINESS.

The monthly percentage of possible sunshine was 88 at Salt Lake City, and 87 at Modena.

For the State the average number of clear days was 21, partly cloudy, 6, and cloudy, 3.

CORRECTIONS.

August, 1916: Mountain Home, mean temperature should be 63.8°, highest temperature should be 85a°, greatest daily range should be 37a°.

COMPARATIVE DATA FOR SEPTTEMBER.

Year.	Temperature.			Average precipitation.	Average snowfall.	Average No. of days.				Prevailing wind.
	Mean.	Highest.	Lowest.			Rainy (0.01 inch or more).	Clear.	Partly cloudy.	Cloudy.	
1891	67.0	104	28	1.89	0	6	.....	.....	.....	.....
1892	64.6	102	20	0.09	0	1	.....	.....	.....	.....
1893	58.0	99	12	0.84	.....	3	19	7	4	sw.
1894	57.0	102	13	1.36	.1	4	17	8	5	sw
1895	60.8	103	9	0.60	1.4	3	20	7	3	sw.
1896	61.0	110	16	1.00	0	4	16	9	5	sw.
1897	62.2	100	25	1.64	0	6	14	9	7	sw.
1898	61.0	102	18	0.10	0	0	24	5	1	sw.
1899	65.3	103	22	0.05	0	0	24	4	2	sw.
1900	57.4	96	10	1.26	2.1	5	19	6	5	sw.
1901	59.3	100	11	0.21	.2	1	25	3	2	sw.
1902	60 1	103	10	0.56	0	2	21	5	4	sw.
1903	58.5	103	16	0.90	.4	4	17	7	6	s.
1904	61.1	102	20	0.40	0	3	17	8	5	sw.
1905	60.7	104	12	2.19	.4	5	18	6	6	s.
1906	59.6	99	20	1.33	T.	4	19	6	5	sw.
1907	59.4	111	17	0.44	T.	2	18	8	4	sw.
1908	59.3	102	8	1.87	T.	5	18	6	6	sw.
1909	60.1	96	20	1.69	T.	6	15	10	5	sw.
1910	63.1	114	12	1.35	0	6	16	7	7	sw.
1911	61.6	102	13	1.84	.3	5	14	8	8	sw.
1912	54.7	98	8	0.67	.2	3	17	8	5	sw.
1913	59.5	101	12	1.28	0	6	15	8	7	sw.
1914	61.1	100	18	0.48	.2	3	18	7	5	sw.
1915	58.3	100	16	1.70	T.	5	16	7	7	sw.
1916	59.9	102	17	0.59	T.	2	21	6	3	s.
1891-1916	60.4	114	8	1.01	?.	4	18	7	5	sw.

GREAT SALT LAKE WATER LEVEL RECORDS AT SALTAIR.

(Feet and tenths.)

Zero of gage is 4,212.9 feet above sea level.

		Jan.	Feb.	Mar.	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1916.	1st	+4.5	+4.7	+5.2	+5.6	+6.0	+5.9	+5.7	+5.3	+4.7	.....	.....	.....	.....
	15th	+4.6	+5.0	+5.4	+5.7	+6.0	+5.8	+5.5	+5.1	+4.5	.....	.....	.....	.....

Climatological data for September, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, inches.				Number of days.				Prevailing direction of wind.	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.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alton	Kane	7,000	1	54.0	.....	74	1†	32	11	38	1.23	.....	1.08	0	5	17	12	1	sw.	Wm. M. Cox.
Beaver	Beaver	6,000	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Belknap Ranger Station ‡‡	Sevier	6,800	....	[a]55.0	.....	86[a]	1	22[aa]	11†	....	0.27	.....	0.25	0	2	12[aa]	4[a]	1[a]	.....	S. E. Henrie.
Black Rock	Millard	4,872	11	59.0	− 0.1	90	1†	25	27	58	T.	−1.17	T.	0	0	13	16	1	.....	Agent Salt Lake Route.
Black's Fork	Summit	8,775	.....	.....	.....	.....	.....	.....	.....	.....	1.44	.....	1.02	0	4	21[b]	4[b]	3[b]	nw.	Wm. F. Tribe.
Blanding	San Juan	6,000	8	60.9	.....	80	14†	39	12	35	0.48	.....	0.26	0	4	19	9	2	sw.	E. F. Thompson.
Bluff	San Juan	4,209	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brigham City	Boxelder	4,305	3	63.0	.....	89	1†	35	11	40	0.70	.....	0.65	0	2	17[a]	0[a]	10[a]	.....	N. Merrell Valentine.
Burrville	Sevier	6,800	4	46.2	.....	72	6†	24	10	40	0.08	.....	0.04	0	2	18	7	5	s.	M. L. Burr.
Castle Dale	Emery	5,500	16	.....	.....	90	4†	.....	.....	.....	0.15	−0.82	0.10	0	2	22	5	3	.....	Miss Zella Jeffs.
Cedar City	Iron	5,750	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Parley Dalley.
Center ....‡‡	Tooele	4,250	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. C. Peterson.
Corinne	Boxelder	4,240	45	60.2	− 4.8	89	1†	27	11	45	0.62	−0.06	0.62	0	1	25	2	3	.....	A. C. Murphy.
Deseret	Millard	4,541	20	61.8	+ 1.6	91	1	28	11†	53	0.13	−0.74	0.13	0	1	27	1	2	n.	S. W. Western.
Duchesne	Duchesne	5,515	8	57.2	.....	83	1†	24	28	50	0.28	.....	0.25	0	2	18	8	4	.....	M. M. Smith.
East Portal....‡‡	Wasatch	7,606	3	49.4	.....	76	1	23	11	46	1.08	.....	0.53	T.	4	22	8	0	.....	Reclamation Service.
Elberta	Utah	4,650	13	.....	.....	92	2	.....	.....	.....	.....	.....	.....	0	.....	16	8	6	sw.	.....
Emery	Emery	6,200	14	58.0	+ 1.8	85	6	29	10	50	0.56	−0.56	0.56	0	1	13	4	13	sw.	H. C. Wickman.
Escalante	Garfield	5,700	10	57.1	− 2.9	84	3	25	28	50	0.02	−1.28	0.02	0	1	14	11	5	sw.	H. C. Haglund.
Farmington	Davis	4,268	14	60.2	+ 0.6	88	2	32	10†	40	1.83	+0.71	0.76	0	3	27	3	0	nw.	Chas. Boylin.
Fillmore	Millard	5,100	23	65.2	+ 0.3	91	1	31	10	46	0.01	−1.21	0.01	0	1	.....	.....	.....	.....	I. J. Starley.
Ft. Duchesne	Uinta	4,941	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Geo. W. Dickson.
Fruitland	Duchesne	6,725	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. L. Carey.
Garland	Boxelder	4,248	3	60.1	.....	88	12	29	10	49	1.53	.....	0.77	0	2	23	4	3	s.	J. T. Roberts.
Garrison	Millard	4,850	11	[a]63.0	.....	90[a]	1†	25[a]	11	47[a]	0.40	.....	0.25	0	2	27[a]	2[a]	0[a]	.....	Jas. F. Robison.
Government Creek ‡‡	Tooele	5,277	14	61.6	+ 0.7	87	1	29	11	37	0.53	−0.42	0.28	0	2	25	2	3	s.	Walter James.
Green River	Emery	4,080	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanksville	Wayne	4,200	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. J. Weber.
Heber	Wasatch	5,593	22	56.0	+ 0.9	90	1	30	10†	52	1.43	+0.34	1.05	0	4	20	4	6	s.	John Crook.
Henefer	Summit	5,301	15	54.2	− 0.4	86	1	23	11	55	0.82	−0.38	0.40	0	4	21	6	3	w.	Wm. Brewer.
Holestein ‡‡	Boxelder	.....	....	54.4	.....	79	1†	26	10†	35	0.10	.....	0.06	0	2	25	2	3	sw.	J. H. Kroencke.
Ibapah	Tooele	7,500	10	56.2	.....	91	1†	20	11	58	0.37	.....	0.25	0	2	23	6	1	.....	W. M. Chastain.
Iosepa	Tooele	4,356	4	.....	.....	.....	.....	31	10	.....	0.03	.....	0.03	0	1	26[b]	0[b]	2[b]	.....	Willard Call.
Kanab	Kane	4,925	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kelton	Boxelder	4,230	35	60.7	+ 0.1	89[a]	16	26	11	50[a]	0.24	−0.24	0.24	0	1	17	12	1	.....	F. W. Klock.
La Sal	San Juan	7,000	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	La Sal Live Stock Co.
Leeds (near)....‡‡	Washington	3,400	3	[a]68.5	.....	90[b]	3	43[b]	10	39[b]	T.	.....	T.	0	0	23	6	1	.....	B. F. Anderson.
Lehi	Utah	4,550	2	[a]61.0	.....	91[a]	1	28[a]	11	51[a]	0.65	.....	0.55	0	2	23[a]	2[a]	0[a]	nw.	Joseph Anderson.
Lemay .....‡‡....	Boxelder	4,221	4	66.0	.....	90	1	43	11	35	T.	.....	T.	0	0	18	9	3	n.	E. J. Ineck.
Levan	Juab	5,010	25	60.2	+ 0.2	85	1	33	11	40	0.45	−0.82	0.29	0	2	20	7	3	.....	John C. Jensen.
Logan	Cache	4,507	24	63.2	+ 2.2	88	1†	35	11	40	0.10	−1.02	0.10	0	1	21	7	2	.....	Experiment Station.
Lone Tree....‡‡	Uinta	.....	....	59.4	.....	92	8	27	12	60	0.64	.....	0.55	0	4	19	9	2	w.	J. A. Kay.
Low ....‡‡	Tooele	4,602	4	68.8	.....	95	1	42	10	31	0.23	.....	0.23	0	1	20	1	9	e.	Agt. Western Pacific Co.
Lower American Fork..‡‡	Utah	5,063	1	65.2	.....	91	1	35	10	36	0.98	.....	0.71	0	3	23	3	4	.....	W. S. Greenwood.
Lower Mill Creek...‡‡	Salt Lake	4,959	2	[b]64.0	.....	87[b]	8	36	10	39[b]	1.21	.....	0.70	0	3	17	10	3	n.	D. Folker.
Lucin	Boxelder	4,504	8	61.0	.....	92	2	26	11	53	0.15	.....	0.15	0	1	23	5	2	.....	E. C. Puryear.
Manila	Uinta	6,225	5	55.1	.....	88	3	22	27	51	0.14	.....	0.14	0	1	18	10	2	.....	D. M. Nelson.
Manti	Sanpete	5,575	20	58.7	− 0.5	82	1†	27	11	43	0.70	−0.60	0.42	0	4	15	6	9	.....	J. M. Anderson.
Marysvale	Piute	5,839	14	58.2	+ 0.1	88	1†	26	28	59	.....	.....	.....	0	.....	14	14	2	s.	Orson Taylor.
Meadowville....‡‡	Rich	6,200	14	54.6	+ 0.9	83	2	26	28	46	0.00	−1.22	0.00	0	0	28	1	1	w.	J. S. Moffat.
Midlake....‡‡	Boxelder	4,235	4	67.8	.....	82	2	51	26	23	T.	.....	T.	0	0	23	3	4	.....	Stella M. Gibson.
Midvale	Salt Lake	4,365	3	63.0	.....	94	1	30	11	52	0.86	.....	0.50	0	2	23	5	2	s.	C. C. Stibich.
Milford	Beaver	4,962	7	61.6	.....	90	1	29	12	54	0.61	.....	0.30	0	3	21	7	2	s.	Chas. Beard.
Moab	Grand	4,000	25	66.0	− 0.1	91	2†	36	29	47	0.73	−0.35	0.39	0	4	20	7	3	.....	Henry Crouse.
Modena	Iron	5,479	14	60.4	+ 0.2	85	13	32	11	47	0.71	−0.41	0.56	0	4	21	9	0	w.	U. S. Weather Bureau.
Monticello	San Juan	7,050	7	56.9	.....	78	8	34	12†	34	0.37	.....	0.25	0	3	16	14	0	sw.	E. H. Barton.
Morgan	Morgan	5,068	10	55.7	− 0.6	90[a]	2	24	11	53[a]	0.63	−0.53	0.36	0	2	21[a]	1[a]	7[a]	s.	Dasil Smith.
Moroni	Sanpete	6,000	7	[f]59.8	.....	84[f]	1	31[f]	11	41[f]	0.81	.....	0.46	0	3	19	8	3	sw.	B. F. Eliason.
Mosida	Utah	4,510	3	59.4	.....	87	2	29	11	41	0.27	.....	0.18	0	2	23	6	1	.....	Mosida Fruit Lands Co.
Mountain Home	Duchesne	6,000	2	[d]62.0	.....	82[d]	3†	38[a]	28	34[a]	1.22	.....	0.60	0	4	15[a]	6[a]	2[a]	w.	Oscar Wilkins.
Nephi (near)	Juab	5,119	10	60.9	.....	89	1	25	11	48	0.50	.....	0.34	0	2	25[a]	1[a]	0[a]	s.	J. W. Jones.
Oak City	Millard	4,900	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wm. I. Alldredge.
Ogden	Weber	4,310	44	65.1	+ 0.5	94[a]	1	32	10	45[a]	0.67	−0.12	0.67	0	1	24[a]	5[a]	0[a]	.....	Ralph Shorten.
Panguitch	Garfield	6,560	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Panguitch Lake ‡‡	Garfield	8,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. M. Hurst.
Park City	Summit	7,000	10	.....	.....	82	1	.....	.....	.....	0.24	−0.90	0.17	T.	3	.....	.....	.....	.....	W. B. Wilson.
Parowan	Iron	5,970	24	61.9	+ 2.0	85	1	34	11	42	0.15	−1.03	0.06	0	3	19	8	3	.....	Alex Matheson.
Pasadena Ranch‡‡	Iron	5,131	1	60.8	.....	87	1†	28	26	53	0.11	.....	0.06	0	3	25	5	0	sw.	W. S. Hall.
Pine View ....‡‡	Summit	6,335	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Granville Deming.
Pinto	Washington	5,907	17	55.6	− 0.6	83	1†	24	27	52	0.35	−1.17	0.17	0	5	17	12	1	s.	J. H. Harrison.
Price	Carbon	5,557	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Walter Bass.
Provo	Utah	4,532	21	60.1	− 0.4	88	1†	28	11	50	0.92	+0.16	0.79	0	4	22	7	1	.....	Reclamation Service.
Richfield	Sevier	5,350	21	[b]58.0	+ 2.1	83[b]	2	32[a]	28	44[b]	0.73	+0.04	0.30	0	5	24[a]	5[a]	0[a]	s.	Thos. Brown.
Riverdale ....‡‡	Weber	4,310	2	61.2	.....	93	1	32	10	42	0.64	.....	0.64	0	1	21	9	0	s.	Eugene Bone.
St. George	Washington	2,880	22	73.0	+ 2.0	102[a]	1	45	13	55[a]	0.00	−0.58	0.00	0	0	28[a]	1[a]	0[a]	.....	David Gourley.
Saltair	Salt Lake	4,220	11	63.2	− 0.1	84	1	43	11	25	0.43	−0.57	0.34	0	2	.....	.....	.....	.....	J. E. Larson.
SALT LAKE CITY	Salt Lake	4,360	41	65.3	+ 0.2	90	1	39	11	32	0.50	−0.35	0.43	0	2	20	8	2	se.	U. S. Weather Bureau.
Santaquin	Utah	5,250	2	64.0	.....	89	2	34	11	36	0.81	.....	0.48	0	3	19	6	5	.....	Wm. Broadbent.
Scipio	Millard	5,260	20	58.2	− 1.4	88	1	26	11	52	0.04	−1.12	0.04	0	1	19	4	7	sw.	Samuel Memmott
Scofield	Carbon	7,625	6	46.0	.....	75	2	17	28	53	0.23	.....	0.22	0	2	21	6	3	s.	B. Newren.
Snake Creek....‡‡	Wasatch	5,950	2	53.1	.....	80	1†	24	11	46	3.14	.....	1.72	0	6	20	8	2	s.	J. W. Orrock.
Snowville	Boxelder	.....	2	57.6	0.0	90	1	20	11	57	0.20	−0.33	0.20	0	1	30	0	0	n.	J. C. Cutler.
Spanish Fork	Utah	4,585	6	64.2	.....	91	1	34	11	43	0.66	.....	0.35	0	3	22	6	2	.....	W. P. Shippee.
Springdale	Washington	3,500	7	65.2	.....	93	20	42	11	35	0.81	.....	0.55	0	3	16	8	6	.....	F. D. Gifford.
Standrod	Boxelder	6,000	10	[a]58.8	.....	84	2	27[f]	28	41[f]	0.10	.....	0.07	0	2	21	8	1	nw.	T. B. Jones.
Teasdale	Wayne	7,000	6	55.2	− 2.2	78	8	27	11	40	0.10	−0.82	0.09	0	2	11	7	12	w.	Henry Cullum.
Thistle	Utah	5,075	21	[b]54.8	− 3.6	89	1	25[d]	11	50[d]	0.90	−0.37	0.44	0	6	19	9	2	.....	John I. Hayes.
Thompsons	Grand	5,150	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. F. Geeslin.
Tooele	Tooele	4,900	19	[a]63.0	0.0	90[a]	1	36[a]	10	39[a]	0.80	−0.17	0.33	0	3	12[a]	10[a]	7[a]	w.	E. A. Bonelli.
Tremonton	Boxelder	4,250	2	61.0	.....	90	1	29	11	53	0.61	.....	0.61	0	1	22	8	0	n.	A. I. Rosa.
Tropic	Garfield	7,000	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. P. Bolton.
University of Utah‡‡	Salt Lake	4,500	2	65.0	.....	88	1†	37	10†	41	1.52	.....	0.89	0	3	26	4	0	nw.	Chas. E. Forsberg.
Utah Exp. Station ‡‡	Sanpete	8,750	1	50.9	.....	75	7	21	11	36	0.52	.....	0.23	0	4	23	3	4	sw.	Forest Service.
Vernal	Uinta	5,060	17	54.4	− 5.2	84	8	20	11	50	0.25	−0.99	0.24	0	2	21	0	9	w.	Mrs. S. M. Logan.
Watson (near)... ‡‡	Uinta	6,210	5	60.2	.....	85	7†	28	28	41	0.00	.....	0.00	0	0	14	0	16	s.	Homer D. Ford.
Wendover	Tooele	4,237	4	65.6	.....	94	2	39	12	37	0.03	.....	0.03	0	1	26	3	1	se.	C. Gibson.
Woodruff	Rich	6,500	12	.....	.....	.....	.....	21[b]	14	....	0.00	−0.71	0.00	0	0	21[b]	1[b]	0[b]	.....	O. J. Call.
Woodside	Emery	4,645	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Frank Groussman.
Yellow Pine	Sevier	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. H. Williams.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
For the State	.....	.....	....	59.9	− 0.2	102	1	17	28	60	0.59	−0.56	1.72	T.	2	21	6	3	s.	

See page 78 for explanation of reference marks.

Daily precipitation for September, 1916.

Stations.	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	
Alpine																							.80									0.80
Alton (C)								1.08	.06	.06									.01	.02												1.23
Beaver																																
Beaver Creek Nursery		.17			T.				.99														.31									1.47
Belknap Ranger Station									.25		.02							T.														0.27
Benmore									T.													.50										0.50
Big Plains (C)		.45											T.																			0.45
Black Rock																						T.										T.
Black's Fork (C)									1.02	.09													.32			.01						1.44
Blanding (C)					.15				.26										.02	T.		T.				T.				.05		0.48
Bluff (C)																																
Brigham City		.05							T.													T.	.65									0.70
Burrville																						.04								.04		0.08
Canaan (C)																																
Castle Dale (C)								.10					.05																			0.15
Castle Rock																																
Cedar City																																
Cedar Fort																																
Center																																
Clarkston																																
Corinne		T.																				.62										0.00
Cottonwood Nursery		T.			.03			.11	.65													.50	.17									0.62
Deep Creek																																1.46
Deseret																					.13											
Duchesne (C)					T.			T.	T.								.03						.25									0.13
East Portal (C)		.02			T.			.30	.23	T.													.53									0.28
Elberta																																1.08
Elkhorn-Ashley (C)		.07																														
Emery (C)								T.	T.													.34	.04							.56		0.45
Enterprise									.15																							0.56
Erekson																																0.15
Escalante (C)		T.						T.						T.	T.	T.	T.	T.				.02										
Farmington									.44													.76	.63									0.02
Fillmore																						.01										1.83
Ft. Duchesne (C)																																0.01
Fruitland (C)																																
Garland					T.																	.77								.76		1.53
Garrison								.15														.25										0.40
Government Creek									.28													.25										0.53
Grantsville	.06																					.15										0.21
Green River (C)																																
Green River Ranger Station (C)																																
Grouse Creek																																
Hanksville (C)																																
Hatch			T.				.14	.06										T.														0.20
Hayden (C)									.07														.19									0.26
Heber	.08				T.		.05	1.05											T.	T.		.25										1.43
Henefer					T.	.02			.37													.03	.40									0.82
High Line City Creek									.15													.77										0.92
Hole-in-the-Rock (C)									.15									.24				.13										0.52
Holstein Ranger Station (C)		.04							T.	T.												T.	.06									0.10
Howell																																
Hurricane (C)																														.40		0.40
Ibapah																						.25								.12		0.37
Indian Farm								T.	T.													.56			T.							0.56
Iosepa																					.03											0.03
Joseph								.25	.01													.03										0.29
Jozella Ranch																																
Junction		.01						.11	T.							T.	.01	T.				T.										0.13
Kanab (C)																																
Kanosh																														.30		0.30
Kelton																							.24									0.24
Lake View Farm		.02					T.											T.	T.			.12										0.14
La Sal (C)																																
Leeds, (near) (C)		T.																		T.												T.
Lehi																				.10		T.	.55									0.65
Lemay																																T.
Levan								.16														.29										0.45
Logan																						.10										0.10
Lone Tree (C)		T.			.02	.01		.06	T.														.55			T.						0.64
Low																						.23										0.23
Lower American Fork									.26	.01													.71										0.98
Lower Mill Creek						.06			T.	.45													.70										1.21
Lucin										.15												T.										0.15
Manila (C)																							.14									0.14
Manti		T.						.08	.06										T.			14	.42									0.70
Marysvale																																
Meadowville																																0.00
Midlake																							T.									T.
Midvale					T.			T.	.36													.50										0.86
Milford								.30											.15			.16										0.61
Mills		.06						.33													T.	.07	.06									0.52
Millville		T.																				.27								T.		0.27
Minersville								.21	.14										.22		T.	.05										0.62
Moab (C)		.24			.39				.06													.04								T.		0.73
Modena ***								.02								.08	T.	.05	T.		T.	T.								.56		0.71
Monticello (C)								.10	.25																					.02		0.37
Monticello Ranger Sta. (C)									.28																					.05		0.33
Morgan									.27														.36									0.63
Moroni							T.	.11	.24								T.			T.	T.		T.	.46								0.81
Mosida									.09													.18										0.27
Mountain Home (C)						.07		.25														.30								.60		1.22
Myton (C)					.03			.08															.24									0.35
Nada								T.	.01																							0.01
Nephi (near)				T.					.16														.34									0.50
New Castle																																
New Harmony (C)		.98																												1.10		2.08
Oak City																																
Ogden																							.67									0.67
Orderville (C)								.57	.15										.02													0.74
Panguitch																																
Panguitch Lake																																
Park City								T.	.17	.02													.05									0.24
Park Valley (near)																														.10		0.10
Parowan								.05	.05													.05										0.15

Continued on page 78.

Daily temperatures for September, 1916.

Stations.		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	Mean.
Blanding	Maximum	68	68	73	75	62	66	71	74	61	71	66	74	79	80	78	79	79	77	76	79	80	77	70	76	73	73	74	74	75	64	....	73.1
	Minimum	55	55	55	52	54	50	50	55	55	45	42	39	48	52	47	47	47	50	52	46	48	49	46	46	47	45	43	43	42	50	....	48.7
Corinne	Maximum	89	89	87	88	83	79	85	85	79	65	63	68	78	77	79	80	85	81	82	78	80	78	79	80	74	63	67	68	72	77	....	77.9
	Minimum	49	56	55	58	42	48	48	60	50	31	27	30	33	42	38	39	42	41	42	39	38	39	39	41	42	41	40	46	45	35	....	42.5
Deseret	Maximum	91	88	86	85	84	84	85	84	81	65	68	79	87	85	85	86	84	85	87	85	80	75	82	80	68	84	72	76	85	80	....	81.5
	Minimum	46	56	58	37	52	39	42	55	61	34	28	29	34	35	34	40	49	39	42	43	44	42	39	49	43	49	31	28	34	50	....	42.1
Duchesne	Maximum	83	83	83	83	82	81	82	82	77	61	68	72	83	73	72	80	75	79	82	79	79	78	67	72	75	68	72	62	72	75	....	76.0
	Minimum	44	43	42	39	47	41	39	35	47	34	29	29	33	30	37	41	41	42	44	39	37	40	48	36	37	45	49	24	25	32	....	38.3
Elberta	Maximum	90	92	90	90	88	87	88	88	85	84	85	85	84	85	81	82	84	84	84	81	82	84	82	82	83	81	81	81	80	81	....	84.5
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Emery	Maximum	82	80	81	82	81	85	80	81	76	79	83	82	80	82	76	78	80	82	76	75	79	78	79	78	75	76	78	70	75	72	....	78.7
	Minimum	43	40	43	42	41	42	40	41	39	29	34	35	40	43	41	42	40	43	37	31	42	35	32	32	33	31	36	30	30	31	....	37.3
Fillmore	Maximum	91	88	88	90	81	87	82	86	81	67	70	83	90	88	88	88	89	88	88	87	87	84	75	85	80	65	75	72	86	80	....	83.0
	Minimum	52	50	56	44	53	50	58	52	50	31	32	39	46	45	45	51	49	57	57	48	50	55	44	48	54	37	40	35	44	52	....	47.5
Ft. Duchesne	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Fruitland	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Government Creek	Maximum	87	86	78	80	85	80	84	85	75	57	62	75	80	80	81	82	81	81	82	79	82	77	68	77	73	60	65	71	77	77	....	76.9
	Minimum	58	55	49	43	55	43	50	56	45	30	29	38	46	43	46	50	54	52	56	47	46	50	41	50	52	39	39	34	47	48	....	46.4
Green River	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Henefer	Maximum	86	83	76	79	81	80	85	82	72	56	63	75	78	78	77	80	80	80	81	80	81	78	69	74	75	63	65	70	77	79	....	76.1
	Minimum	40	39	52	30	34	37	32	33	46	25	23	25	28	30	27	27	30	30	32	30	26	28	40	36	34	31	42	28	27	30	....	32.4
Ibapah	Maximum	91	91	89	78	80	86	84	76	55	67	81	84	83	85	84	84	84	81	84	84	84	67	70	78	71	70	72	71	80	76	..	78.6
	Minimum	43	48	40	29	30	32	32	43	48	22	20	24	26	28	30	34	36	38	44	32	33	38	34	38	34	28	28	26	30	45	...	33.8
Kelton	Maximum	86	87	85	87	80	85	84	80	73	76	74	87	84	80	87	89	82	79	80	78	76	74	76	73	72	65	64	65	80	.....	....	[a]78.9
	Minimum	48	48	41	38	43	43	41	43	41	38	26	40	35	36	40	39	63	65	46	38	38	39	38	41	39	39	40	34	33	35	....	42.5
La Sal	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Leeds (near) §§	Maximum	87	89	90	89	89	89	75	76	75	82	86	84	86	86	85	86	86	85	82	78	81	....	....	....	....	....	....	....	....	....	....	[a]84.1
	Minimum	57	58	62	51	61	60	50	54	47	43	48	51	53	50	52	50	54	52	53	56	48	....	....	....	....	....	....	....	....	....	....	[a]52.9
Lemay	Maximum	90	84	80	81	80	81	82	81	73	70	65	72	78	81	82	84	84	82	81	80	82	80	79	81	78	71	70	75	76	78	....	78.7
	Minimum	64	70	62	56	60	59	59	62	55	48	43	47	48	53	49	52	49	49	48	49	52	54	52	52	54	44	50	52	51	52	....	53.2
Levan	Maximum	85	82	81	82	83	81	83	81	76	58	52	73	80	79	81	81	80	80	80	80	79	78	77	75	72	70	68	69	76	74	....	76.5
	Minimum	51	53	55	44	52	50	44	50	52	35	33	36	40	42	41	42	43	42	46	46	43	48	48	41	46	41	36	34	38	45	....	43.9
Logan	Maximum	88	87	88	88	83	82	85	85	70	59	64	75	80	79	78	82	80	80	81	80	82	82	74	73	73	70	67	69	75	76	....	77.8
	Minimum	59	65	60	48	46	48	51	62	47	37	35	41	46	48	48	48	53	52	51	49	50	52	46	47	46	39	50	45	50	43	....	48.7
Low §§	Maximum	95	92	85	80	87	84	90	89	78	60	62	74	84	82	85	85	84	85	86	81	82	80	78	78	75	74	70	73	80	82	...	80.7
	Minimum	64	77	60	59	60	57	62	75	53	42	45	52	54	60	55	58	58	57	59	56	56	50	48	50	55	55	53	56	59	60	....	56.8
Lucin	Maximum	88	92	89	88	89	87	90	91	76	72	75	80	85	83	82	83	82	83	88	86	84	80	72	74	75	71	78	78	79	81	....	82.0
	Minimum	47	47	44	43	42	42	42	42	35	38	26	30	32	42	42	49	48	39	45	43	39	40	40	45	45	38	34	35	29	38	....	40.0
Manila	Maximum	83	81	88	83	82	80	78	83	70	52	62	71	72	74	79	80	77	78	80	80	80	81	80	81	78	65	62	70	72	80	....	76.1
	Minimum	41	46	40	35	42	45	35	40	42	26	24	23	28	29	30	33	36	33	50	35	33	34	33	35	34	35	22	29	27	29	....	34.1
Manti	Maximum	82	80	80	80	81	79	82	80	77	66	64	75	79	79	80	80	78	78	77	79	78	75	66	74	75	69	66	71	75	74	....	76.0
	Minimum	48	49	64	41	45	45	47	46	50	30	27	32	38	37	39	40	46	42	42	43	38	41	42	38	43	40	40	32	35	41	....	41.4
Meadowville	Maximum	80	83	73	74	79	74	81	79	65	52	61	72	75	67	74	74	74	74	80	74	78	75	76	70	68	56	64	60	74	75	....	72.0
	Minimum	50	51	51	33	38	41	35	42	40	28	29	33	39	35	33	32	35	37	38	37	38	32	39	40	36	30	45	26	34	43	....	37.3
Milford	Maximum	90	80	86	86	85	84	86	84	81	66	67	80	87	87	88	85	85	86	85	86	86	79	74	81	77	68	75	72	85	77	....	81.3
	Minimum	49	54	58	42	48	42	40	51	57	31	30	29	33	34	36	47	47	42	42	42	40	47	43	41	43	45	29	29	35	52	....	41.9
Moab	Maximum	90	91	88	89	85	87	91	88	87	76	69	77	84	87	87	86	88	87	86	87	85	86	87	86	83	79	78	77	80	71	....	84.1
	Minimum	49	60	65	52	58	56	48	50	64	44	47	38	40	40	41	47	45	52	48	49	47	44	60	42	41	44	42	46	36	44	....	48.0
Modena	Maximum	85	84	82	82	80	81	81	79	78	67	66	80	85	85	84	81	80	79	79	81	81	73	74	76	74	69	75	76	81	73	....	78.4
	Minimum	49	53	51	43	46	42	42	49	48	35	32	33	39	40	42	52	44	42	43	44	45	44	41	42	41	42	33	34	37	47	....	42.5
Monticello	Maximum	76	73	75	74	74	75	77	78	67	65	66	66	72	73	73	73	72	73	72	72	74	72	66	70	67	65	64	63	70	68	....	70.8
	Minimum	44	50	48	49	49	49	45	45	52	37	39	34	40	47	43	43	44	45	43	44	47	44	43	39	42	39	36	38	39	34	....	43.1
Moroni	Maximum	84	80	81	....	....	....	....	83	81	60	69	75	80	80	82	80	82	....	....	78	80	79	76	78	75	64	67	71	78	74	....	[b]76.5
	Minimum	47	47	49	....	....	....	....	45	40	33	31	39	41	44	43	50	48	....	....	48	47	43	43	41	48	42	39	39	41	48	....	[b]43.2
Mosida	Maximum	84	87	75	77	83	78	85	82	77	59	62	69	77	75	77	80	83	82	82	79	75	80	83	74	74	67	67	66	74	80	....	76.0
	Minimum	50	51	55	46	45	50	45	50	55	36	29	33	37	38	39	40	42	45	42	41	41	40	45	41	49	48	37	38	36	42	....	42.9
Ogden §§	Maximum	94	91	89	90	87	82	90	87	70	65	77	85	84	83	85	83	83	84	85	84	85	85	78	78	78	64	70	73	81	.....	....	[a]81.7
	Minimum	57	65	54	50	42	55	51	68	63	32	39	44	47	45	45	48	46	45	49	47	44	48	48	48	44	45	50	46	42	47	....	48.5
Panguitch	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Park City	Maximum	82	80	74	75	75	74	78	75	68	58	59	69	72	74	75	74	73	72	74	75	75	73	67	69	66	62	62	67	71	70	....	71.3
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Parowan	Maximum	85	80	80	80	80	80	82	80	74	67	68	78	83	84	82	80	82	78	80	82	80	75	70	71	74	68	74	76	80	74	....	77.6
	Minimum	55	62	55	47	60	50	47	55	50	36	34	36	55	45	45	47	44	45	47	47	48	47	40	43	44	38	36	37	42	48	....	46.2
Pasadena Ranch	Maximum	87	84	84	85	82	84	84	83	78	66	67	82	86	85	87	84	85	81	83	86	86	76	79	80	70	76	78	82	76	78	....	80.8
	Minimum	48	53	56	49	44	38	37	48	54	35	33	30	33	35	36	41	40	40	41	39	40	41	41	39	37	28	32	32	49	51	....	40.7
Pinto	Maximum	83	76	75	77	77	79	78	77	76	70	69	70	83	83	82	82	80	82	80	79	79	70	74	70	70	63	74	79	79	78	....	76.6
	Minimum	43	42	43	40	38	33	34	34	33	29	31	30	32	33	33	33	40	34	36	35	35	41	32	35	35	33	24	27	28	38	....	34.5
Provo	Maximum	88	86	87	83	83	88	86	79	65	65	76	83	82	85	84	82	84	85	83	82	82	75	80	75	66	68	74	82	81	....	....	80.1
	Minimum	48	47	58	39	40	45	39	47	59	31	28	31	35	35	35	37	41	40	41	39	35	39	47	41	41	40	41	34	35	39	....	40.2
Richfield	Maximum	....	83	82	82	80	80	77	75	60	62	73	....	78	78	81	82	75	75	77	78	78	80	67	76	73	65	68	70	77	74	....	[b]75.2
	Minimum	....	47	47	47	45	46	41	50	36	33	34	....	34	35	37	38	43	43	42	42	40	42	47	39	44	42	35	32	36	45	....	[b]40.8
SALT LAKE CITY	Maximum	90	89	74	76	83	79	87	86	71	56	62	73	80	80	80	82	80	84	83	79	83	81	71	75	73	66	65	71	77	79	....	77.0
	Minimum	61	68	58	50	58	60	55	66	50	43	39	45	52	52	53	54	55	56	57	55	52	52	52	53	57	48	54	50	50	54	....	53.6
Scofield	Maximum	73	75	74	72	49	72	74	63	64	48	60	70	72	73	74	72	73	72	70	74	73	69	58	67	66	58	61	65	71	65	....	67.6
	Minimum	30	27	26	25	27	26	23	25	34	21	25	20	21	20	21	24	25	24	21	23	20	24	38	25	29	24	21	17	20	26	....	24.4
Springdale	Maximum	75	75	83	82	82	75	78	80	71	72	69	72	73	84	80	86	76	90	92	93	78	60	60	67	70	68	70	69	78	75	....	76.1
	Minimum	65	65	60	61	62	59	50	51	45	50	42	52	53	57	49	55	57	55	59	59	59	54	53	50	48	46	49	47	55	59	....	54.2
Standrod	Maximum	83	84	75	71	74	71	78	80	59	52	64	75	77	72	77	77	78	78	79	79	80	79	68	69	67	63	64	68	77	74	....	73.1
	Minimum	72	65	60	....	....	....	....	34	29	36	45	33	43	44	46	43	50	49	49	48	47	40	42	37	46	27	39	43	....	....	[b]44.5
Teasdale	Maximum	70	74	76	75	75	75	76	78	72	67	67	67	73	73	74	72	73	71	70	71	74	73	60	67	70	65	66	60	71	63	....	70.6
	Minimum	43	42	48	48	46	43	42	45	50	31	27	30	36	35	39	41	39	42	41	41	37	43	41	34	38	39	42	32	34	44	....	39.8
Tooele	Maximum	90	87	78	78	85	80	86	87	79	57	66	76	81	....	80	83	80	85	84	82	85	83	69	75	73	63	66	70	80	80	....	[b]78.2
	Minimum	53	69	53	46	49	52	49	71	53	36	39	38	42	....	46	51	47	48	52	51	46	49	44	47	47	40	45	44	42	41	....	[b]47.9
Tremonton §§§	Maximum	90	89	76	79	84	81	86	86	70	61	64	74	81	79	82	82	85	83	83	81	83	81	69	73	76	63	67	69	75	89	....	78.0
	Minimum	51	55	53	53	51	50	53	55	50	30	29	33	38	40	48	43	49	46	43	41	44	45	44	41	48	40	40	40	35	36	....	44.1
Tropic	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Watson (near)	Maximum	84	83	82	83	83	80	85	85	78	70	63	74	79	74	81	80	78	80	77	79	79	77	74	75	73	69	70	68	76	73	....	77.1
	Minimum	46	55	54	55	54	44	46	60	47	30	30	34	40	39	40	43	42	44	45	46	46	44	43	36	44	46	39	28	35	44	....	43.3
Wendover	Maximum	93	94	89	78	83	80	89	90	83	60	65	75	81	80	80	82	81	83	84	84	83	80	70	78	78	70	74	71	78	84	....	80.0
	Minimum	60	66	60	53	53	55	57	62	56	41	40	39	45	54	50	52	50	53	54	53	43	54	48	47	51	45	53	47	44	47	....	51.1

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from record.

Total Precipitation inches, September, 1916.

Daily precipitation for September, 1916—Continued from page 75.

Stations.	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	
Pasadena Ranch								.06	.01													.04									0.11
Payson								.10	.12													.25									0.47
Pine View																															
Pinto (C)									.17							.07			.02		.03	.06									0.35
Price (C)																															
Provo		.02			T.			T.	.05	.06													.79								0.92
Randolph																															
Reed																															
Revere		.14							.85													.44								.08	1.51
Richfield					.10		.30	.10								T.		.10					.13								0.73
Richmond ‖								T.														.03								.28	0.31
Riverdale		T.				.01																.64									0.64
Rozel																						.31									0.32
St. George (C)					T.																										0.00
Saltair					T.			T.	.09														.34								0.43
SALT LAKE CITY ***								.48	.05													.43									0.50
Santaquin								.04														.27								T.	0.80
Scipio					T.			.22	.01													T.	T.								0.04
Scofield (C)																															0.23
Silver City																						.44									0.44
Silver Lake †										1.99												.40									2.39
Snake Creek ‖		.02						.54	.42									.06				.38								1.72	3.14
Snowville																						.20									0.20
Spanish Fork								.20	.11													.35									0.66
Springdale (C)		.55							.25							T.						.01	T.								0.81
Standrod		T.	.03																				.07								0.10
Sunnyside (C)								.20	.26								T.						.52								0.98
Teasdale (C)								T.	T.							T.		.01				.09									0.10
Thistle		.01			.01			.18	.22													.44	.04								0.90
Thompsons (C)																															
Tooele		T.			T.				.20													.33	.27								0.80
Tremonton ‖																							.61								0.61
Tropic (C)																															
Trout Creek Ranger (C)					.04	.01		.04	.17	.09													.46	.04							0.85
University of Utah								T.	.89													.03	.60								1.52
Utah Experiment Station			.05		T.				.16													.23	.08								0.52
Vernal (C)					.01																		.24								0.25
Victor (C)																						.25								.35	0.60
Watson (near) (C)																															0.00
Wendover																						.03									0.03
Whiskey Creek ‖																							.13							.90	1.03
Winder								.13																						.61	0.74
Woodruff																															0.00
Woodside (C)																															
Yellow Pine																															

Explanation of reference marks used in this publication.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section means. †† Received too late to be included in means and summaries. T. Indicates precipitation less than 0.01 inch of rain or melted snow.

† Also on other dates. Reference letters, [a], [b], [c], appearing in the table indicate number of days missing: for example, [c] represents three days missing, etc.

‡‡ Post-office addresses of these stations are as follows: Of Baker Ranger Station, Boulder; of Belknap Ranger Station, Joseph; of Center, St. John; of East Portal, Thistle; of Government Creek, Vernon; of Hole-in-the-Rock, Lonetree, Wyo.; of Holstein Ranger Station, Yost; of Leeds (near), Kanarra; of Lemay, Lucin; of Lone Tree, Jensen; of Low, Salt Lake City; of Lower American Fork, American Fork; of Lower Mill Creek, Sugar House, R. F. D. No. 1; of Meadowville, Laketown; of Midlake, Promontory Point; of Panguitch Lake, Panguitch; of Pasadena Ranch, Lund; of Pine View, Upton; of Riverdale, Ogden, R. F. D. No. 4; of Snake Creek, Midway; of University of Utah, Salt Lake City; of Utah Experiment Station, Ephraim.

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

*** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

* Precipitation included in the next following measurement. ‡ Separate dates of falls not recorded. T. Indicates Trace, or less than 0.01 inch of rain or melted snow.

All stations are in the Great Basin except those marked (C) which are in the Colorado River drainage area.