CLIMATOLOGICAL DATA FOR JULY, 1912.

DISTRICT No. 9, COLORADO VALLEY.

FREDERICK H. BRANDENBURG, District Editor.

GENERAL SUMMARY.

As in June, stagnant and ill-defined low pressure prevailed throughout the Colorado basin during the greater part of July. While normally this is the prevailing distribution of pressure during the summer months, it is not usual for it to be attended by such low mean temperatures and widespread and copious precipitation as characterized the month. Freezing temperatures occurred during the first decade at a number of stations in western Colorado, and also at one or more points in other parts of the district. The persistency of precipitation was detrimental to haymaking, and injuriously affected the strawberry crop of Routt County, Colo. On the other hand, the waterholes have been filled and a luxuriant growth of grass now covers most of the ranges. Heavy rainfalls occurred in Arizona and New Mexico, but beyond filling the arroyos and temporarily delaying traffic no damage resulted. Wind storms were frequent in the southern half of the district. During the night of the 17th a violent electrical storm occurred in the Salt River Valley, Ariz. The section director reports that in localities the winds reached a velocity never before known in that State, particularly near Mesa and Chandler, where they approached the destructiveness of a tornado, and where two fatalities occurred by the wrecking of buildings. The damage caused by the storm in these localities is estimated at $300,000.

TEMPERATURE.

The mean of the 145 stations reporting was 70.9°, or 3.3° below the normal. The mean for July, 1911, was 72.3°. The highest monthly mean was 90.6° at Sentinel, Ariz., and the lowest 45.7° at Corona, Colo. The first decade was cold; on the 3d, 4th, and 5th the average daily deficiency was generally more than 10°, and as much as 15° or 20° on the 4th in the central part of the district. The second decade was warmer, but not more than two days were warmer than the normal. The last decade was cooler than the normal, especially in central and northern Arizona. The highest temperatures occurred principally on the 10th, 11th, and 17th, while the lowest occurred generally on the 4th and 5th. Thin ice formed in northern Arizona at an altitude of 6,500 feet on these dates and the lowest temperature ever recorded in July occurred in central and northern Arizona.

Details of temperature are summarized in the following table:

Areas of States in district No. 9.	Temperature.					
	Mean.	Departure from normal.	Highest.	Station.	Lowest.	Station.
Western Wyoming	62.4	.....	92	Green River	31	Pinedale.
Western Colorado	62.1	−2.6	101	Rangely	17	Chromo.
Eastern Utah	68.6	−2.9	105	Springdale (near).	24	Strawberry Tunnel (east).
Western New Mexico	70.7	−2.3	105	Cambray	29	Berger's ranch.
Arizona	77.2	−4.0	114	At 3 stations	26	Flagstaff No. 1.
Southeastern Nevada	75.6	.....	113	Logan	40	Caliente.

PRECIPITATION.

The average for the 201 stations reporting was 2.65 inches, or 1.13 inches above the normal. The average for July, 1911, was 3.18 inches. The first 5 days were showery in western Colorado and eastern Utah; the rest of the decade was generally fair. On the 11th well-distributed rains set in over the central and southern parts of the district, and rain fell daily at the majority of stations till the close of the month. Monthly amounts in excess of 4 inches occurred at 8 stations in western Colorado, 6 in western New Mexico, and 28 in Arizona. The greatest monthly amount was 9.16 inches at Lakeside, Ariz., and the least amount, a trace, at Aztec, Ariz.

The average number of days with 0.01 inch or more precipitation was 6 in western Wyoming; 12 in western Colorado; 8 in eastern Utah; 9 in western New Mexico; 9 in Arizona; and 4 in southeastern Nevada. For the district as a whole the average was 9 days.

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

Watershed.

Green.		Grand.		San Juan.		Little Colorado.		Gila.		Mimbres.		Colorado proper.	
Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.
1.10	+0.66	2.41	+0.51	2.20	+0.47	3.05	+2.07	3.51	+1.54	3.64	+0.82	1.47	+0.53

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MISCELLANEOUS.

The average amount of sunshine reported was as follows: Grand Junction, 70, −7 per cent; Durango, 79, +2 per cent; Phoenix, 76, −8 per cent; and Yuma, 90, +2 per cent.

The relative humidity was greater than usual. The following are the values: Grand Junction, 44; Durango, 56; Phoenix, 44; and Yuma, 51 per cent.

RIVERS.

In the upper tributaries of the Colorado there was a general fall in the stages. In the Green the fall was regular; but in the Grand a moderate rise began on the 17th, and in the San Juan a similar rise occurred on the 22d. At Topock, on the trunk stream, a sharp rise was in progress at the beginning of the month, the highest stage being reached on the 6th. A steady decline followed until the 28th.

TABLE 1.—*Climatological data for July, 1912. District No. 9, Colorado Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, with 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Wyoming.																			
Battle Mountain	Carbon	7,300																	U. S. Forest Service.
Daniel	Uinta	6,740	13	58.5	+ 2.1	82	26†	31	10	40	1.10	+ 0.32	0.65	0	2	10	20	1	sw.	J. M. Van Dervort.
Eden	Sweetwater	6,577	3	62.5		87[a]	28	35[a]	5†	46[a]	0.72		0.27	0	8[a]	18[a]	7[a]	5[a]	w.	Eden Valley L. & I. Co.
Green River	do	6,083	7	66.0		92	29	37	4	45	0.59		0.36	0	3	15	10	6	w.	Geo. H. Maxom.
Pinedale	Fremont	7,167	6	58.8		84	24	31	14	47	1.21		0.65	0	6				nw.	U. S. Forest Service.
Rambler	Carbon	9,232	1																	Do.
Willow Creek Cabin	Fremont	7,500	3																	Do.
Big Piney	Uinta																			Ira Dodge.
Colorado.																				
Ashcroft	Pitkin	9,483	10	53.8	− 1.0	79	10†	30	6	45	2.59	+ 0.59	0.51	0	18					Dan McArthur.
Breckenridge	Summit	9,536	23	52.0	− 1.3	74	11†	28	7	44				0		2	16	13	nw.	Mrs. J. G. Thompson.
Buford	Rio Blanca		1								2.10		0.51	0	10	17	9	5	w.	Mrs. H. Genier.
Cascade	San Juan	8,900	5								3.73		0.75	T.	22	11	7	13		San Juan W. & P. Co.
Cedaredge	Delta	6,175	14	67.6	− 2.3	89	17	40	5	37	1.42	+ 0.62	0.47	0	9	11	19	1		Harry A. Cobbet.
Chromo	Archuleta	7,500	6	60.0		86	11	17	8	64	1.40		0.30	0	8	10	15	6	sw.	Lawrence Nolan.
Cochetopa	Saguache	9,088	3																	Bessie McDonough.
Collbran	Mesa	6,000	19	65.9	− 2.6	87	17	39	5	35	2.00	+ 0.84	0.52	0	14	13	15	3	sw.	A. A. Wood.
Columbine	Routt	9,766	2								4.67		1.65	0	13	12	17	2	sw.	Mrs. M. A. Caron.
Columbine Ranch	Delta	6,925	2																	George W. Wade.
Corona	Grand	11,660	5	45.7		60	17†	26	5	26	4.54		1.08	3.0	9				w.	U. S. Weather Bureau.
Cortez	Montezuma	6,100	1																	W. G. Clucas.
Craig	Moffat		2																	Joseph F. Haubrich.
Crawford (near)	Montrose	6,600	2	64.8		84	10	38	5	32	2.54		0.73	0	12	18	9	4		C. W. Roe.
Crested Butte	Gunnison	8,867	2	53.2		77	17	32	18†	44	2.84		0.62	0	11	8	4	19	w.	Charles L. Ross.
De Beque	Mesa	4,935	2	72.8[k]		95[k]	10	44[k]	6	46[k]				0		7[k]	10[k]	3[k]	w.	H. M. Quigley.
Delta	Delta	4,965	22	71.4	− 2.7	100	10	40	5	54	1.09	+ 0.23	0.46	0	7	20	10	1		E. M. Getts.
Dillon	Summit	8,800	2	53.0		75	27†	33	2†	40	5.64		0.80	0	16	3	13	15	n.	Harry T. Hamilton.
Durango	La Plata	6,534	17	65.6	− 3.1	88	11	36	5	43	2.29	+ 0.74	1.71	0	14	8	19	4	nw.	U. S. Weather Bureau.
Eureka	San Juan	10,000	5								1.48		0.20	0	11	9	12	10	s.	San Juan W. & P. Co.
Fraser	Grand	8,560	3	51.0		74	17	27	6†	44	3.79		0.71	T.	15	3	7	21	n.	L. D. C. Gaskill.
Fruita	Mesa	4,516	13	71.8	− 3.3	96	10†	40	5	52	1.23	+ 0.35	0.54	0	6	10	17	4	se.	J. B. Willsea.
Glade Park	do	7,000	1								1.57		0.41	0	12	0	23	8	sw.	A. F. Terrill.
Gladstone	San Juan	10,400	5								3.61		0.42	0	23	0	15	16	sw.	San Juan W. & P. Co.
Glenwood Springs (near)	Garfield	5,823	14	63.0	− 4.6	88	17	36	4	43	2.63	+ 1.38	0.60	0	11	20	6	5	w.	E. A. O'Neil.
Grand Junction	Mesa	4,608	21	74.7	− 4.5	95	17	49	5	38	0.78	+ 0.28	0.30	0	9	10	14	7	se.	U. S. Weather Bureau.
Grandlake	Grand	8,153	4								4.42		1.40	0	10	6	16	9	w.	Mrs. Belle Kauffman.
Grand Valley	Garfield	5,089	20	70.3	− 2.4	97	17	41	9	51	0.89	− 0.13	0.32	0	7	5	21	5		David Evans.
Gunnison	Gunnison	7,670	19	61.2	+ 0.1	84	21	31	6	46	1.44	+ 0.10	0.41	0	12	11	16	4	sw.	Clarence Adams.
Hesperus (near)	La Plata	7,610									2.42		0.59	0	11	6	5	20		G. F. Snyder.
Horsefly	Montrose	8,700	2								2.75		0.52	0	14	12	14	5	sw.	Lawrence J. Finch.
Ironton	Ouray	10,000	2								3.83		0.63	T.	14	3	15	13	sw.	Mrs. Amanda E. Foley.
Lake City	Hinsdale	8,686	7	58.6		82	9	32	5	40	2.45		0.63	0	20	5	17	9	s.	J. F. Maurer.
Lay	Moffat	6,190	18	65.0	− 1.5	89	24	35	3	48	1.69	+ 0.78	0.29	0	14	14	9	8	sw.	A. G. Wallihan.
Mancos	Montezuma	6,960	13	63.7	− 3.2	86	10	32	5	42	2.18	+ 0.56	0.38	0	12	11	17	3	se.	B. M. Krumpanitzky.
Marble	Gunnison	7,951	3	58.2		82	17	32	4†	43	2.13		0.59	0	12	19	9	3	ne.	F. E. Morse.
Marshall Pass	Saguache	10,846	9								2.30		0.40	0	15	4	12	15		Wm. L. Williams.
Meeker (near)	Rio Blanca	6,182	20	62.0	− 3.5	88	20	35	3†	49	3.50	+ 1.99	0.60	0	12	10	15	6		T. Baker.
Montrose	Montrose	5,811	23	69.5	− 0.2	92	10†	41	5	42	1.59	+ 0.75	0.48	0	11	11	18	2		U. S. Reclamation Service.
Nast	Pitkin	7,953	2	55.5		80	17	31	6	44	3.71		0.97	0	8	10	14	7	w.	Arthur Hanthorn.
Pagoda	Routt	6,500	21																	Mrs. J. W. Scott.
Pagosa Springs	Archuleta	7,108	5	62.0		89	10	24	5	59	2.89		0.64	0	11	7	21	3	sw.	E. T. Walker.
Paonia	Delta	5,694	17	67.5	− 5.0	89	10	45	5	39	1.50	+ 0.53	0.70	0	7	14	15	2	sw.	J. M. Underwood.
Pitkin	Gunnison	9,500	3								2.14		0.62	0	9	8	6	17		Mrs. Maggie Cammann.
Pyramid	Rio Blanca		1	59.9		84	18†	35	3	42	2.29		0.60	0	13	3	28	0	w.	E. E. Egry.
Rangely	do	5,050	13	67.4	− 2.5	101	18	37	5	57	1.10	+ 0.47	0.70	0	3	11	11	9	w.	J. H. McGuire.
Redcliff	Eagle	8,695	19								2.89	+ 0.73	0.60	0	12	14	6	11		Dorothea Greiner.
Redvale	Montrose										2.85		0.82	0	8	9	11	11	sw.	Dr. E. S. C. Foster.
Rico	Dolores	8,824	10																	Clinton B. Smith.
Rifle	Garfield	5,437		69.4		92	17†	43	4	42	0.98		0.23	0	11	13	14	4	sw.	Herman Eiche.
River Portal	Montrose	6,570	6	65.4		89	10†	40	5	43	1.09		0.20	0	14	8	20	3		U. S. Reclamation Service.
Sapinero (near)	Gunnison	8,125	9	56.7		77	21	32	6	41	1.71		0.33	0	15	13	12	6	w.	W. F. Irving.
Shoshone	Garfield	6,110	2	67.4		91	21	45	6	40	3.00		0.34	0	17	12	9	10		Central Colo. Power Co.
Silverton (near)	San Juan	9,400	5	52.6		74	11†	25	1	38	4.17		0.55	0	15	12	6	13	sw.	San Juan W. & P. Co.
Spruce Lodge	Grand	9,600	4								4.46		1.10	0	18					H. J. Wills.
Steamboat Springs	Routt	6,683	9	59.6		88	10	31	4	51	4.98		0.72	0	14	16	11	4		Herbert B. Gee.
Tacoma	La Plata	7,300	5								1.84		0.52	1	13	5	12	14	s.	San Juan W. & P. Co.
Telluride	San Miguel	8,756		57.0		81	17	29	5†	50	3.09		0.58	0	21	15	7	9	w.	Wm. T. March.
Terminal Dam	La Plata	8,300	5								1.85		0.69	0	9	17	7	7	sw.	San Juan W. & P. Co.
Uncompahgre Plateau	Montrose	8,400	2																	Martin Esser.
Yampa (near)	Routt	8,000	3								4.67		0.96	0	15	3	26	2	w.	Percy A. Hughes.
Utah.																				
Aneth	San Juan	4,800	8	77.4		97	11	46	4	42	0.56		0.24	0	6	18	11	2		H. R. Antes.
Bluff	do			79.2		99	9	55	4†	38	1.19		0.32	0	6	8	20	3		Mrs. H. P. Raplee.
Canaan	Washington										1.93		0.82	0	10					J. M. Lauritzen.
Castle Dale	Emery	5,500	13	67.2	− 2.3	93	17	35	5	44	2.00	+ 1.46	0.75	0	5	19	12	0		James Jeffs.
Cisco	Grand	4,447	13																	J. J. Anderson.
Desert Lake	Emery										1.07		0.35	0	4					F. F. Noyes.
Dragon	Uinta		1	69.1		92	10†	39	5	49	2.10		0.46	0	13	13	6	12		H. D. Ford.
Duchesne	Wasatch		5	65.1		90	17†	35	5	45	1.24		0.33	0	7	3	17	11		M. M. Smith.
Elkhorn	Uinta	6,657	2								0.72		0.30	0	9	5	22	4		Chas. De Moisy, jr.
Emery	Emery	6,200	11	63.8	− 2.1	86	16	32	1†	47	2.03	+ 1.61	1.08	0	2	4	0	27	sw.	H. C. Wickman.
Escalante	Garfield	5,700	9																	Geo. H. Barney.
Fisher Valley	Grand																			R. J. Saunders.
Fort Duchesne	Uinta	5,700	24	70.2	− 0.9	97	10†	39	5	47	0.15	− 0.36	0.07	0	8	14	16	1	w.	G. W. Dickson.
Fruitland	Wasatch	7,625	1	61.7		88	17	33	5	44	1.35		0.46	0	10	8	11	12	sw.	J. Peter Naab.
Grayson	San Juan		5	68.4		89	11	42	5	36	2.78		1.00	0	9	11	10	10	sw.	E. F. Thompson.
Green River	Emery	4,080	12	76.2	− 3.8	103	17	41	5	48	0.80	+ 0.57	0.29	0	7	7	23	1	sw.	Edgar E. Adams.
Hanksville	Wayne	4,200	2																	F. J. Weber.
Harper	Carbon																			W. E. Cassady.
Hite	Garfield	3,000	12	82.4	− 2.3	104	11	54	5	44	0.47	+ 0.07	0.22	0	4	14	15	2	se.	John P. Hite.
Hurricane	Washington										2.05		0.60	0	5	6	10	15		Amos Workman.
Kanab	Kane	4,925	5	69.6		97	16	42	2	40	1.91		0.50	0	11					V. A. Farming Association.
La Sal	San Juan	7,000	9	64.2[d]		84[d]	10	38[d]	4†	34[d]	1.58		0.70	0	7	6[d]	16[d]	5[d]		Gertrude W. Carpenter.

TABLE 1.—*Climatological data for July, 1912. District No. 9*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Utah—Continued.																				
Loa	Wayne	7,000	19																	W. S. McClellan.
Manila	Uinta	6,225	2	63.6	.....	90	17	35	5	45	0.55	.....	0.20	0	5	12	17	2	.....	Daniel N. Nelson.
Moab	Grand	4,000	22	77.0	− 0.6	102	17	46	5	47	0.90	+ 0.31	0.32	0	8	5	20	6	.....	Henry Crouse.
Monticello	San Juan	7,545	3	63.5	.....	85	17†	39	4†	40	3.11	.....	0.60	0	10	10	21	0	sw.	Geo. F. Barton.
New Harmony	Washington										3.15	.....	1.30	0	4				.....	Geo. F. Prince.
Orderville	Kane	6,660									1.79	.....	0.55	0	14				.....	F. A. Porter.
Pine Valley	Washington	6,000									3.05	.....	1.02	0	11	8	10	13	s.	Mason Gardner.
Price	Carbon	5,557	1	70.0	.....	96	17	46	4	45	1.04	.....	0.26	0	9	18	8	5	se.	R. H. Thompson.
Ranch	Kane	6,700	9	60.6	.....	83	17	35	2†	38	1.39	.....	0.70	0	3	12	15	4	s.	J. W. Seaman.
San Rafael	Emery																			W. C. Foy.
St. George	Washington	2,880	25	75.9	− 6.4	103	16	50	5	44	1.61	+ 0.54	0.87	0	6	1	11	19	.....	A. B. Ballantyne.
Scofield	Carbon	7,625	2	56.3	.....	85	17	26	5	49	1.79	.....	0.45	0	13	15	2	14	s.	B. Newren.
Springdale (near)	Washington	3,500	4	81.6	.....	105	16	56	31	35	1.35	.....	0.65	0	5	13	0	18	.....	Hattie Wood.
Strawberry T'nn'l (east)	Utah			53.8	.....	80	17	24	5	50	2.30	.....	0.74	0	9	9	7	15	.....	U. S. Reclamation Service.
Sunnyside	Carbon	5,280	7																	A. Rader.
Teasdale	Wayne	7,000	2	61.6	.....	84	10	35	5	38	1.34	.....	0.67	0	12	7	10	14	w.	Henry Cullum.
Thompsons	Grand	5,150	1					48	5		1.22	.....	0.49	0	6	13	16	2	sw.	A. M. Starmont.
Tropic	Garfield	7,000	15	64.6	− 2.9	91	10†	38	4	44	1.75	+ 0.84	0.54	0	6	3	22	6	sw.	E. P. Bolton.
Troutcreek Ranger	Uinta	9,200									3.16	.....	0.60	0	15	4	13	14	.....	Forest Supervisor.
Vernal	.....do	5,050	15	67.4	− 4.4	93	10†	40	5	46	0.48	− 0.30	0.18	0	5	21	6	4	.....	S. P. Trim.
White Rocks	.....do										0.78	.....	0.26	0	8	6	16	9	.....	C. F. Keil.
Woodside	Emery	4,645	1	72.9	.....	100	17	43	5	48	0.36	.....	0.25	0	2	11	16	4	s.	D. P. Adams.
New Mexico.																				
Alma	Socorro	5,500	15	73.2	− 1.2	100	9†	43	5	51	3.55	+ 1.06	0.82	0	10	6	23	2	sw.	M. A. Balke.
Aragon	.....do		5	65.4	.....	90	10	38	4	43	3.51	.....	0.60	0	10	7	21	3	sw.	J. R. Milligan.
Aztec	San Juan	5,590	12								1.53	+ 0.45	0.94	0	4	8	19	4	sw.	Dr. T. J. West.
Berger's Ranch	McKinley	8,000	....	60.8	.....	86	10	29	5	49	2.98	.....	0.72	0	15	8	14	9	w.	Herman Berger.
Blackrock	.....do	6,500	3			95	8				2.71	.....	0.53	0	18	9	4	18	w.	Patrick Des Georges.
Bloomfield	San Juan	5,500	17	73.0	− 1.6	97	17	38	5	54	0.67	− 0.29	0.37	0	5	6	24	1	se.	F. Le Clerc.
Cambray	Luna	4,215	13			105	8				1.87	+ 0.39	1.58	0	7	11	13	7	w.	Agent S. P. Ry.
Cliff	Grant	4,470	12	74.0	− 3.1	98	10	46	4	40	5.38	+ 2.61	1.10	0	13				.....	W. C. Belden.
Columbus	Luna	4,054	3								2.22	.....	0.98	0	8	14	14	3	sw.	Agent E. P. & S. W. Ry.
Deming	.....do	4,333	35	82.8	.....	103	11	60	5†	38	2.00	− 0.07	1.05	0	3	15	13	3	.....	Agent S. P. Ry.
Dulce	Rio Arriba	6,756	15	65.8r	+ 0.7	88s	11†	30s	5	53s	2.71	− 0.04	0.55	0	10	11	17	3	sw.	William R. Beyer.
Fort Bayard	Grant	6,152	37	70.6	− 2.1	95	10	51	24	33	2.42	− 0.60	0.47	0	14	16	15	0	w.	U. S. Genl. Hospital.
Fruitland	San Juan	4,800	18	70.8	− 3.7	94	17	40	5	46	2.29	+ 1.38	1.75	0	4	12	19	0	sw.	C. J. Collyer.
Gage	Luna	4,486	12	77.1	.....	101	25	59	16†	36	5.75	+ 3.56	2.00	0	10	18	2	11	w.	Agent S. P. Ry.
Gila Planting Station	Grant	6,475	1	69.6	.....	93	10	51	3†	32	3.23	.....	0.70	0	13	16	11	4	se.	U. S. Forest Service.
G. O. S. Ranch	.....do	8,000	....	69.0	.....	98	10	42	4†	48	2.91	.....	0.92	0	10	7	18	6	e.	Victor Culberson.
Hachita	.....do	4,504	3								3.25	.....	1.50	0	8	7	11	13	w.	Agent E. P. & S. W. Ry.
Haynes	Rio Arriba	6,600	1	67.3	.....	91	28	35	5	50	1.36	.....	0.48	0	5	9	19	3	nw.	Dr. J. R. Haynes.
Hermanes	Luna	4,451	3			101	9	54	5		1.19	.....	0.20	0	9	13	2	16	w.	Agent E. P. & S. W. Ry.
Lordsburg	Grant	4,245	29	77.0	− 5.3	104	10	50	6	47	4.19	+ 2.34	1.10	0	10	1	29	1	sw.	J. H. McClure.
Luna	Socorro	7,300	7	63.2	.....	88	11	33	5	49	3.39	+ 1.10	0.67	0	10	5	26	0	s.	C. B. Martin.
Mimbres	Grant	5,007	7								4.81	.....	1.07	0	10	15	15	1	sw.	C. Dennis.
Pinos Altos (near)	.....do	7,253	1					42	6		4.30	.....	0.78	0	14	7	24	0	se.	O. L. Scott.
Pratt	.....do	4,415	3								1.56	.....	0.94	0	4	23	8	0	w.	Agent E. P. & S. W. Ry.
Redrock	.....do	4,150	7								3.51	.....	1.31	0	12	6	22	3	.....	Robt. H. Woods.
Rodeo	.....do	4,118	3			104	10†				1.50	.....	0.75	0	7	5	18	8	.....	Agent E. P. & S. W. Ry.
Silver City	.....do	5,860	1	72.0	.....	100	10	49	5	40	5.40	.....	1.83	0	12	18	10	3	w.	E. M. Brumback.
Arizona.																				
Allaires Ranch	Cochise	4,184	16								4.31	+ 1.72	1.13	0	12	11	11	9	w.	Thomas Allaire.
Alpine	Apache	8,500	3	58.2	.....	88	11			50c	3.33	.....	0.75	0	13	9	19	3	.....	U. S. Forest Service.
Aztec	Yuma	492	12	88.9	− 6.4	112	8	65	4†	41	T.	− 0.22	T.	0	0	11	0	20	w.	Agent, S. P. Ry.
Benson	Cochise	3,523	30	75.6	− 9.5	106	9			48a	2.19	+ 0.14	0.70	0	8				.....	Do.
Bisbee	.....do	5,500	22	71.8	− 3.5	95	10	53	5	31	5.34	+ 1.74	2.00	0	16	8	7	16	se.	Rev. J. G. Pritchard.
Blue	Greenlee	6,000									4.48	.....	0.73	0	12	7	24	0	s.	Mary A. Jones.
Bowie	Cochise	3,756	34	76.8	− 3.7	109	10	49	26	44	4.20	+ 1.50	1.27	0	6	2	19	10	se.	Agent, S. P. Ry.
Buckeye	Maricopa	980	20	86.4	− 1.0	112	11	56	4	46	1.16	− 0.07	0.68	0	5	19	8	4	sw.	H. E. Kell.
Canille	Santa Cruz	5,225	3								8.51	.....	3.00	0	17	6	17	8	se.	Robert A. Rodgers.
Casa Grande	Pinal	1,396	30								1.30	+ 0.54	0.50	0	5	20	1	10	w.	Agent, S. P. Ry.
Casa Grande Ruins	.....do	1,422	4	84.7	.....	109	10	56	3	44	4.52	.....	1.41	0	9	11	15	5	sw.	Frank Pinkley.
Cavecreek	Maricopa	1,520	5																	E. A. Howard.
Chin Lee	Apache	6,090	4	70.0	.....	96	10†			55b	1.02	.....	0.48	0	9	5	5	21	sw.	Rev. L. Ostermann, O. F. M.
Chlarsons Mill	Graham	8,000	7	63.6	.....	84	10	46	5†	30	5.64	.....	1.00	0	12	2	20	9	.....	Hiram R. Chlarson.
Clifton	Greenlee	3,584	4	83.1	.....	109	10	64	4†	34	5.21	+ 3.35	1.93	0	11	12	17	2	.....	Ariz. & N. Mex. Ry. Co.
Cline	Gila	2,300	11	81.2	− 3.2	105	10	54	4†	46	3.03	+ 1.14	0.60	0	8	9	17	5	sw.	W. M. Clanton.
Cochise	Cochise	4,219	14	77.1	− 4.3	104	10	43	6†	57	4.45	+ 2.40	1.14	0	12	19	1	11	.....	Agent, S. P. Ry.
Columbia	Yavapai	1,900	12	86.6	− 1.1	110	9	64	26	32	8.00	+ 5.89	2.65	0	10	19	3	9	se.	M. J. Nolan.
Courtland	Cochise	4,543	3								3.76	.....	0.75	0	12	8	18	5	.....	Agent, E. P. & SW. R. R.
Dos Cabezos	.....do	5,250	4	72.4	.....	104	8	40	29	54	5.84	.....	1.13	0	14	8	13	10	w.	Neil Erickson.
Douglas	.....do	3,930	9	77.4	.....	107	10	41	5	56	2.31	.....	0.40	0	17	11	7	13	sw.	Dr. F. T. Wright.
Dudleyville	Pinal	2,204	11	77.2	−10.1	103	10	56	3†	40	3.90	+ 1.93	1.50	0	15	9	12	10	sw.	George F. Cook.
Fairbank	Cochise	3,862	3								6.48	.....	2.40	0	9	3	13	15	sw.	Agent, E. P. & SW. R. R.
Flagstaff	Coconino	6,907	20	61.2	− 3.8	85	11	32	4†	43	4.96	+ 3.17	1.18	0	18	5	15	11	w.	U. S. Weather Bureau.
Flagstaff (1)	.....do	7,500	4	58.1	.....	84	11	26	5	49	3.51	.....	0.60	0	14	9	12	10	sw.	U. S. Forest Service.
Florence	*Pinal*	1,504	12	85.6	− 2.7	111	11	66	2†	44	2.25	+ 0.65	1.30	0	6	16	0	15	w.	Agent, Arizona Eastern R. R.
Fort Apache	Navajo	5,200	41	70.8	− 3.2	99	10	44	5	44	4.02	+ 1.06	1.13	0	11	11	8	12	sw.	Post Surgeon, U. S. Army.
Fort Huachuca	Coochise	5,100	26	74.9	− 2.1	100	9†	56	24	35	6.50	+ 2.92	2.00	0	10	14	0	17	sw.	Do.
Fort Mojave	Mohave	604	38																.....	August F. Duclos.
Gilabend	Maricopa	737	21	88.8	− 5.4	112	10	58	3	47	1.06	+ 0.28	0.31	0	9	9	18	4	s.	Agent, S. P. Ry.
Globe	Gila	3,525	11	78.8	− 3.7	106	10	56	4	40	4.42	+ 2.06	1.29	0	13	8	22	1	nw.	B. G. Fox, M. D.
Grand Canyon	Coconino	6,866	7	62.3	.....	86	9	35	1	42a	2.23	.....	0.45	0	9	12	18	1	sw.	Agent, Grand Canyon R. R.
Grand Canyon (1)	.....do	3,676	4	77.7	.....	100	9	51	4	35	1.55	.....	0.42	0	11	5	17	9	.....	B. W. Zachau.
Granite Reef Dam	Maricopa	1,372	18	86.1	− 3.7	110	10	58	4	41	2.81	+ 1.38	1.00	0	8	12	16	3	w.	U. S. Reclamation Service.
Heber	Navajo																		.....	F. W. Bragg.
Hereford	Cochise	4,180	3								4.00	.....	0.90	0	12	6	23	2	sw.	Agent, E. P. & SW. R. R.
Holbrook	Navajo	5,069	21	76.2	+ 0.7	102	7	45	7	57	2.27	+ 0.56	0.76	0	6	22	7	2	sw.	Thorwald Larson.
Indian Oasis	Pima	3,000	2								2.89	.....	1.45	0	12	4	0	27	se.	Joseph Menager.
Intake	Gila	2,230	7								3.53	.....	0.74	0	8	11	15	5	e.	U. S. Reclamation Service.
Jerome	Yavapai	4,743	15	74.4	− 5.5	96	9†	54	4†	33	5.79	+ 3.29	1.23	0	12	6	22	3	s.	Dr. L. A. Hawkins.

TABLE 1.—*Climatological data for July, 1912. District No. 9*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Arizona—Continued.																				
Keams Canyon	Navajo	6,600	7	68.6	.....	91	10†	39	4†	44	2.78	.....	1.20	0	8	14	17	0	w.	David E. Livesay.
Kingman	Mohave	3,326	10	80.0	− 2.5	102	10	55	3†	39	0.09	− 0.79	0.03	0	4	18	0	13	s.	Agent A. T. & S. F. Ry.
Lakeside	Navajo	6,500	8	64.6	.....	92	10	38	5	46	9.16	+ 7.02	3.57	0	14	8	0	23	sw.	Prof. Joseph Peterson.
Lewis Springs	Cochise	4,029	3	.....	.....	.....	.....	.....	.....	.....	4.19	.....	1.00	0	11	5	7	19	.....	Agent E. P. & S. W. R. R.
McNeal	....do	4,490	2	.....	.....	.....	.....	.....	.....	.....	3.16	.....	0.67	0	13	6	21	4	sw.	Miles McNeal.
Maricopa	Pinal	1,186	36	88.0	− 5.9	114	10	58	5	47	1.80	+ 1.03	1.10	0	5	18	10	3	w.	Agent S. P. Ry.
Mesa	Maricopa	1,244	17	82.2	− 6.2	107	9	56	3	43	1.57	+ 0.15	0.80	0	4	9	15	7	sw.	C. L. Diehl.
Mohawk Summit	Yuma	538	12	.....	.....	114	8	64	4	....	0.19	− 0.03	0.12	0	4	21	3	7	w.	Agent S. P. Ry.
Naco	Cochise	4,579	3	.....	.....	.....	.....	.....	.....	.....	3.73	.....	1.65	0	12	7	24	0	w.	Agent E. P. & S. W. R. R.
Natural Bridge	Gila	4,990	23	.....	.....	.....	.....	.....	.....	.....	3.64	+ 1.14	1.00	0	9	8	21	2	sw.	D. G. Goodfellow.
Oracle	Pinal	4,500	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Lawson.
Osborn	Cochise	4,676	3	.....	.....	.....	.....	.....	.....	.....	3.85	.....	1.14	0	15	5	22	4	w.	Agent E. P. & S. W. R. R.
Paradise	....do	5,436	5	69.6	.....	104	8	42	5	51	4.89	.....	2.58	0	11	4	23	4	nw.	J. C. Hancock.
Parker	Yuma	345	14	88.4	− 3.7	113	10	65	5†	45	1.78	+ 1.41	0.50	0	6	20	8	3	sw.	M. A. Israel, M. D.
Payson	Gila	5,550	4	70.3	.....	97	10	42	4	47[c]	1.73	.....	0.44	0	6	.....	.....	.....	.....	Mart McDonald.
Phoenix	Maricopa	1,108	17	85.4	− 5.0	108	10	63	5	37	1.29	+ 0.22	0.52	0	9	12	12	7	e.	U. S. Weather Bureau.
Phoenix (1)	....do	1,092	20	85.4	− 3.6	109	8†	58	4	46	2.03	+ 0.81	1.45	0	3	12	13	6	w.	George Acuff.
Phoenix (2)	....do	1,189	4	85.2	.....	105	10	60	4†	42	1.82	.....	0.92	0	5	22	0	9	sw.	Salt River Val. Nurseries.
Pinal Ranch	Pinal	4,520	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Irion & Craig.
Pinto	Apache	5,660	8	.....	.....	.....	.....	.....	.....	.....	2.22	.....	0.95	0	4	14	17	0	sw.	Mrs. Celia F. Henning.
Prescott	Yavapai	5,320	44	67.5	− 4.0	93	10	34	3	42	6.19	+ 3.29	1.93	0	15	13	13	5	.....	John W. Flinn, M. D.
Quartzsite	Yuma	800	5	89.2	.....	114	11	52	3	42	1.75	.....	1.20	0	6	11	11	9	sw.	W. E. Scott.
Redrock	Pinal	1,864	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. J. Crowell.
Roosevelt	Gila	2,175	7	.....	.....	108	10†	.....	.....	.....	3.95	.....	0.95	0	7	6	25	0	w.	U. S. Reclamation Service.
Sacaton	Pinal	1,280	5	85.6	.....	110	10	56	4	46	4.27	.....	2.00	0	6	.....	.....	.....	.....	E. W. Hudson.
St. Michaels	Apache	6,950	25	67.2	− 2.0	90	11†	39	5	44	1.33	− 0.74	0.40	0	9	4	16	11	sw.	Rev. A. Weber, O. F. M.
Salome	Yuma	1,875	5	78.3	.....	106	11	50	3†	47	0.89	.....	0.82	0	2	13	15	3	se.	Mrs. M. B. Swartz.
San Simon	Cochise	3,609	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Agent S. P. Ry.
Seligman	Yavapai	5,219	7	67.6	.....	91	9†	37	4	47	1.50	.....	1.00	0	11	8	0	23	sw.	Librarian A. T. & S. F. Ry.
Sentinel	Maricopa	685	14	90.6	− 4.1	112	11	60	4	39	0.07	− 0.61	0.04	0	4	19	10	2	sw.	Agent S. P. Ry.
Silverbell	Pima	2,650	7	82.6	.....	104	11	60	4	29	4.86	.....	1.30	0	8	15	0	16	s.	Imperial Copper Co.
Snowflake	Navajo	5,644	6	68.6	.....	96	10†	37	4†	53	0.65	.....	0.12	0	7	5	7	19	.....	Wm. J. Flake.
Springerville	Apache	6,862	2	63.6	.....	89	10	37	6	48	2.04	.....	0.70	0	11	15	6	10	sw.	U. S. Forest Service.
Supai	Coconino	3,200	4	77.4	.....	106	10†	46	4	49	1.62	.....	0.36	0	10	8	9	14	.....	Laura B. Symons.
Tempe	Maricopa	1,165	8	85.0	.....	110	10	57	4	44	2.67	.....	0.70	0	9	14	14	3	nw.	F. H. Simmons.
Thatcher	Graham	2,800	9	81.6	.....	113	10	51	5	53[c]	3.16	.....	0.63	0	12	9	18	4	.....	Prof. J. H. Larson.
Tombstone	Cochise	4,550	17	76.2	− 2.1	105	10	53	3	40	5.42	+ 2.25	1.48	0	9	6	23	2	.....	F. N. Walcott.
Truxton	Mohave	3,997	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Truxton Canyon Ind. School.
Tuba	Coconino	4,500	12	72.6	− 5.1	97	17	44	4	44	0.98	+ 0.32	0.31	0	8	10	15	6	sw.	H. P. Marble.
Tucson	Pima	2,390	32	81.6	− 5.1	105	7†	.....	.....	43[a]	3.00	+ 0.90	1.20	0	8	5	10	16	nw.	University of Arizona.
Tucson (1)	....do	2,380	4	80.3	.....	107	8	42	4	51	3.41	.....	1.11	0	8	13	10	8	sw.	James F. Record.
Tucson (2)	....do	2,526	....	80.8	.....	106	10	52	5	44	3.49	.....	0.96	0	12	12	3	16	w.	U. S. Coast & Geodetic Surv.
Vail	....do	3,421	14	81.2	− 4.5	104	11	52	24	39	4.06	+ 3.00	2.01	0	3	24	0	7	.....	Agent, S. P. Ry.
Walnut Grove	Yavapai	3,649	22	.....	.....	.....	.....	.....	.....	.....	5.52	+ 3.68	1.67	0	9	.....	.....	.....	.....	J. O. Carter.
Wickenburg	Maricopa	2,072	13	82.2	− 3.5	113	11	54	25	50	2.22	+ 1.21	1.40	0	2	16	12	3	sw.	Agent S. F. P. & P. Ry.
Wilcox	Cochise	4,164	32	75.4	− 6.4	103	10	50	5	48	3.30	+ 1.31	0.72	0	10	.....	.....	.....	s.	Agent S. P. Ry.
Williams	Coconino	6,750	13	64.7	− 3.3	88	8†	32	4	50	4.97	+ 2.04	1.42	0	7	10	21	0	.....	E. J. Nordyke.
Winslow	Navajo	4,853	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John F. Bauer.
Yarnell	Yavapai	4,700	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. L. Bartholomew.
Yuma	Yuma	141	32	88.8	− 2.1	110	11	61	4	40	0.18	+ 0.06	0.14	0	2	28	3	0	sw.	U. S. Weather Bureau.
Yuma (1)	....do	150	5	83.1	.....	107	11	53	2†	47	0.08	.....	0.06	0	2	24	5	2	sw.	E. L. Crane.
Nevada.																				
Caliente	Lincoln	4,407	2	68.8	.....	100	16	40	8	53	0.32	.....	0.10	0	4	21	8	2	se.	Salt Lake Route.
Logan	Clark	1,355	5	82.5	.....	113	16	55	4	46	0.44	.....	0.22	0	4	24	6	1	s.	O. W. Jarvis.

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

TABLE 2.—*Daily precipitation for July, 1912. District No. 9, Colorado Valley.*

Stations.	Watershed.	Day of month.																													Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Wyoming.																																	
Battle Mountain	Snake																																
Daniel	Green	T.		T.	T.	T.								T.				T.	T.	.45	T.	T.				T.				.65		1.10
Eden	do				.08														.01	.27		.03	.01							.26	.04	0.72
Green River	do		T.		.13			T.	T.			.10					T.						T.							T.	.36	0.59
Pinedale	do	.01												.01					.15	.65										.15	.24	1.21
Rambler	Snake																																
Willow Creek Cabin	Green																																
Big Piney	do																																
Colorado.																																	
Ashcroft	Grand	.13		.10	.13							T.		.08	.22	.07				.03	.05		.45	.15	.08	.18	.51	.19	.05	.06	.09	.02	2.59
Breckenridge	do																																
Buford	White				.05							.08							.02	.28	.20					.51		.36	.12		.20	.28	2.10
Cascade	San Juan	.26	.02	.01	.30	.03									.07	.01	.03	.01		.75	.01	.32	.36	.35	.07	.41	.06	.19	.08	.16	.22	.01	3.73
Cedaredge	Gunnison				.19	.07						.04			.47					.05	.13						.25	.03			.19	1.42
Chromo	San Juan		T.											.20	.10	.25				.05		.30				.20			.20	T.	.10		1.40
Cochetopa	Gunnison																																
Collbran	Grand	T.	T.		.20	.01						T.	.04	T.	.52	.01			T.	.15	.03	.19	.09		T.	.45		.19	.01	T.	.10	.01	2.00
Columbine	Yampa				.09						.07		.05		.11				.65	.95						.20	1.65	.13	.11	.17	.09	.40	4.67
Columbine Ranch	Gunnison																																
Corona	Grand	1.08				.64											.42				.24			.26		.38	.18		.70			.64	4.54
Cortez	San Juan																																
Craig	Yampa																																
Crawford (near)	Gunnison				.20	.08						.02			.36				.68	.12	.14		.14	.01		.04		.73			.02		2.54
Crested Butte	do	.10			T.							T.	T.	.10	.13	.15				.05	T.	T.	.62		.30	.45	.16		T.		.38	.40	2.84
De Beque	Grand																																
Delta	Gunnison	T.	T.	T.	.23								T.	T.	.46				T.	.10		.10	.02			.09	.09					1.09
Dillon	Grand	.80	.50	.70	.60		.50	T.			.03	.04	.06	.11			.60	.40	.50	.60				.06	T.	T.	T.	T.	.10	.04	T.	T.	5.64
Durango	San Juan	.01	.02		.05									.02			.02		.03			.09	1.67	.06	.02	.02	.12		.09	.07		T.	2.29
Eureka	do	.18	.09	.12	.11												.12						.13	.11		.12		.17	.20	.13			1.48
Fraser	Grand	.06		T.	.20									.05	.09	.71			.34	.03			.55		.19	.10		.58	.07	.09	.34	.39	3.79
Fruita	do	T.			T.										.54				T.	.22			T.			.13	T.	.30		.02	.02	T.	1.23
Glade Park	do				.16							T.	.01		.05				T.	.41		.01	.18			.30	T.	.13	.04	.11	.13	.04	1.57
Gladstone	San Juan	.30	.20	.42	.40	.03			.01	.02		.01				.33	.04			.09	.33	.19	.10	.10	.08	.11	.16	.37	.16	.05	.06	.05	3.61
Glenw'd Sp'gs(near)	Grand				.30	.25						T.			.22	.11				.60				.11			.30	.40	.04		.20	.10	2.63
Grand Junction	do				.06								T.	.12					.15	.30		.01	T.			.05	T.	.05		T.	.02	.02	0.78
Grandlake	do	T.	T.		1.00								.25	T.			T.	.40	T.				1.40	T.	T.	.10	.25	.40	.32	T.	.20	.10	4.42
Grand Valley	do	T.	T.	T.	.24							T.	T.	.02	.06	.32	T.		T.	.05			T.			.02		.09			T.	T.	0.80
Gunnison	Gunnison	.03		.09	.05									.18	T.		.01		T.				.08	.02	.41	.06	.32	.16	T.		.03		1.44
Hesperus (near)	La Plata	T.			.45									.03			.03		.07	.02			.59	.51	T.		.30	.09		.30	.03		2.42
Horsefly	Gunnison				T.	.08							T.	.30	.52				.23	.20	.18		.05	.30	.22	.23	.08	.03	T.		.05	.28	2.75
Ironton	do	T.		.24	.20								.10	T.	.14	T.	.18			.37		T.	.34	.16	.22	.31	.63	T.	.10	.43	.41		3.83
Lake City	Gunnison	.05		.03	.01						T.	.01		.13	.14	.07		.05		.17		.04	.63	.12	.16	.12	.06	.06	.28	.25	.02	.05	2.45
Lay	Yampa	T.	T.		.15							T.	.25	.03	.07				.10	.13	.01	.15	.13			.23	.04	.03			.29	.08	1.69
Mancos	San Juan	.15			.17									.33	T.			.18	.04	.05			.38		.34		.31	.13		.03	.07		2.18
Marble	Grand	.24			.22	T.							.04		.50					.04	.11		.14		.22	.14	T.	.07	.07		.34		2.13
Marshall Pass	Gunnison			.15			.20		.10				.20	.40	.30			.10	.10	.12			.10	.18		.12	.10	.10	.12				2.39
Meeker (near)	White				.30							.12		.60			T.		T.	.08	.11		T.	.13		.51	.53	.35		.35	.25	.26	3.59
Montrose	Gunnison				.19										.48				.02	.01	.27		.38	.03		.12	.01				.04	.04	1.59
Nast	Grand				.18										.55				.18					.95		.21		.43		.97	.24		3.71
Pagoda	Yampa																																
Pagosa Springs	San Juan	.05		T.										.17		T.	.20	.24		T.		.64	.28	.43	.49	.04		.03		.32			2.89
Paonia	Gunnison					.28					T.				.70				T.		.07	T.	.11		T.	.22	T.	.06				.06	1.50
Pitkin	do	T.			T.									.42				.19	.12	.21			.19	.12		.06		.20	.63				2.14
Pyramid	Yampa	.05			.30							.08			.02				.12	.08						.43		.04	.60	.10	.10	.35	2.29
Rangely	White				T.	T.									T.								.30	.10		T.	T.		T.	.70	T.	T.	1.10
Redcliff	Grand	.20	T.	T.	.45			T.		T.	.60	.40			.12							.10	.33	T.	.20	.10	T.	.17	.10	T.		.12	2.89
Redvale	San Miguel				.19							T.		.17		T.	T.	T.	T.	.82			.65			.61		.07		T.	.32	.02	2.85
Rico	Dolores																																
Rifle	Grand	.07	.07		.22	.09						T.	.09	T.	.23	.10			T.						.05		.02		.01	.03		T.		0.98
River Portal	Gunnison				.13								.01		.20		.02		.15	.01	.17		.19	.01		.01	.01	.09			.04	.05	1.09
Sapinero (near)	do				.33	T.						T.		.26	.05	.01			.01	.08	.10		.13	.03	.13	.14	.23	.02		T.	.18	.01	1.71
Shoshone	Grand	.15	.04		.34	.02							.23	.09	.33					.14	.12		.01	.22	.80	.02		.29	.18	.01	.01		3.00
Silverton (near)	San Juan	.10	T.	.25	.37								.42	.27		.30	T.			.35			.15	.30	.18	.25	.22	T.	.24	.55	.22	T.	4.17
Spruce Lodge	Grand	.04		.04	.37	.13								.09	.09	.37		.11		.04		.15	.29		.16		1.10	.30	.18	.04	.36	.60	4.46
Steamboat Springs	Yampa	.25			.72								.47	.57	.20					.50	.12		.52	.22		.12			.48	.42	.21	.18	4.98
Tacoma	San Juan				.10									.05	.07	.02	.03			.30			.24	.52	.03	T.	.25	.06		.10	.07		1.84
Telluride	San Miguel	.02		.06	.26	.02									.13	.04	.03		.01	.22	.20	.04	.18	.24	.08	.40	.11	.13	.16	.58	.07	.11	3.09
Terminal Dam	San Juan	.11			.08															.69		T.	.31	.23	.03			.27		.08		.05	1.85
Uncompahgre Plateau.	Gunnison																																
Yampa (near)	Yampa				.40	.09							.16	.08	.96		T.		.23	.09		T.	.15	.13		.23	.75	.72		.30	.08	.30	4.67
Utah.																																	
Aneth	San Juan				.06																		.03			.07		.10			.06	.24	0.56
Bluff	do				.05										.27				.32						.21	.17					.17		1.19
Boneta	Green			.07											.50					.16						.65	.46			.11	.07		2.08
Canaan	Colorado		.07											.15			.07			.27						.08	.26	.03		.82	.07	.11	1.93
Castle Dale	Green																					.10				.50			.40	.75	.25		2.00
Cisco	Grand																																
Desert Lake	Colorado												.35											.29					.22	.21		1.07
Dragon	Green				.43	.02						.01	.21	.03	.39	T.				.14		.03	.16	.46		.02		.06			.14		2.10
Duchesne	do	T.			.28							T.	.05		.33				T.	.02	T.	T.	T.			T.	T.	.07			.31	.18	1.24
Elkhorn	do				.05							.02	.02	.08					.02	.30			.20					.01		.02			0.72
Emery	Colorado												1.08																T.	T.	.95		2.03
Escalante	do																																
Fisher Valley	Grand																																
Fort Duchesne	Green				T.							T.	.01	.02	T.				T.	.07		.01	.01				T.	.01		T.	.01	.01	0.15
Fruitland	do	T.		T.	.06							T.	.08	.01	.23				T.	.04		.06				*	.12		.25	.46	.04	1.35
Grayson	San Juan				.05										.60	.11				.53	.25		.10			1.00	.10	.05					2.78
Green River	Green				.01							.03	.01		T.				T.	.23						T.	.29		.02		.21		0.80
Hanksville	Colorado																																
Harper	Green																																
Hite	Colorado			T.								T.	T.	T.					T.							.04	.19	.22	T.	.02			0.47
Hurricane	do																		.50							T.	.60		.30	.40	T.	.25	2.05
Kanab	do			.08								T.	.08	.25				.11	.03						.14	.06	.50	.11	.48	.07		1.91
La Sal	Grand				.17								T.	T.			.10			.26	T.	T.	T.	T.	T.	.11	.17			.07	.70		1.58
Loa	Colorado																																
Manila	Green				.04							.20								.19	.08											.04	0.55
Moab	Grand				.32								T.						.01	.08						.08	.10	.12		.01	.18		0.90

TABLE 2.—*Daily precipitation for July, 1912. District No. 9*—Continued.

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Utah—Continued.																																	
Monticello	do				.20										.02					.40	.27					.14	.40		.18	.50	.60	.40	3.11
New Harmony	Colorado																		1.30									.67		.96		.22	3.15
Orderville	do			.17	.28							.05	.12	.06			.54	.01								.08	.04	.08	.05	.18	.03	.10	1.79
Pine Valley	do			T.									.24	.06	.35	T.			1.02	.25		T.				.05	.55	.02	.20	.20	.11		3.05
Price	Green				.21							.26		.07					.02							.02	.19	.02	.03		.22		1.04
Ranch	Colorado		T.	.25										.70	T.			T.							T.	T.	T.	T.	T.		.44	T.	1.39
San Rafael	Green																																
St. George	Colorado																		.87								.05		.38	.18	.03	.10	1.61
Scofield	Greene	.01											.04	.06	.15				.26	.04		.03				.07	.07	.09		.45	.10	.42	1.79
Springdale	Colorado							.10										.65								.10			.15	.35			1.35
Strawberry Tunnel+E.	Green				.05								.06	.20	.25				.46	.10		T.					.74		T.	.18		.26	2.30
Sunnyside	do																																
Teasdale	Colorado				.02							.03	.07	.05	.08		.02	T.	T.	.10	T.					.09	.67	.10	.07	.04	T.		1.34
Thompsons	Green				.09							T.	.01		T.					.27		T.	T.			T.	.05		.24	.07		.49	1.22
Tropic	Colorado											T.	T.	.41	T.	T.	T.	.05		T.	T.						.20	.44	.54		.05	T.	1.75
Troutcreek Ranger	Green	.10			.12	.10					T.	.60	.07	.07	.20				.60	.30	.10			.10		.15	.14		.16	T.	.35	T.	3.16
Vernal	do				.18									T.					.10	.05								.04			.11	0.48
White Rocks	do												.05	.11	.16				.07	.26								.10		.01		.02	0.78
Woodside	do				T.								T.	.11	T.												.25						0.36
New Merico.																																	
Alma	Gila											T.	T.		.80		T.		.10	.40	.10	T.	.05	T.	.10	.82			.52	.54	.12		3.55
Aragon	do																T.	T.	.40	.40	.50	.32	.27	.60	.60	T.	.22	.10	.10				3.51
Aztec	San Juan	T.			T.									.28			T.	T.				T.	.14	.94			.17			T.			1.53
Berger's Ranch	L. Colorado												.03	.04	.05	.54		T.	.04	.42		.72	.40	.08	.23		.03	.11		.12	.09	.08	2.98
Blackrock	do												.04	.04			.02	.04	.01	.04	.36	.01	.08	.53	.01	.36	.15	.48	.40	.12	.01	.01	2.71
Bloomfield	San Juan	T.	T.	T.								T.	T.	T.	T.	T.		T.	T.	T.		.15	.37	.01	T.	T.	T.	.04	T.	.10	T.	T.	T.	0.67
Cambray	Mimbres												.04				.02		.03			.14	1.58	.03		.03							1.87
Cliff	Gila														.14	.14	.12	.02	.04	1.10	T.		1.05	1.03	.36	.49	.13	T.	.03	.73			5.38
Columbus	do															.30						.98	.08	.15	.15	.15		.17	.24			2.22
Deming	Mimbres																					1.05	.88				.07					2.00
Dulce	San Juan													.06						.05		.10	.45	.50	.55	.47	.01		.47	.05		2.71
Fort Bayard	Mimbres	T.													T.	.19	.47	.02	.01	.30	.02	T.	.38	.42	.08	.28	.15		*	.05	.05		2.42
Fruitland	San Juan													.27					T.			T.	1.75		T.	.15	T.	T.		.12			2.29
Gage	Mimbres																																
Gila Planting Station.	do	T.								T.		T.	T.		.03	.35	.23	T.		.18	.25	.25	.65	.70	.11	.08	.10		.17	.13			3.23
G. O. S. Ranch	Gila	T.								T.		T.			.02	.26	.48	.01	.07	T.		.50	.21	.92	.01		T.					2.91
Hachita	do															.10			.07	.49			.73	1.50	.10		.18		.08			3.25
Haynes	San Juan														.08	.30							.48							.28		.22	1.36
Hermanes	Gila														.20			T.	.20	.18	T.	.08	.15	.08	.05	.05			.20			1.19
Lordsburg	do													.05		.12	.25	.05	1.02		.11		1.10	.05	1.00				.44			4.19
Luna	do											.26	T.		.09	T.	.62	.09	.16	T.	T.	.67	.21	.52			.55		.22			3.39
Mimbres	Mimbres														.06	.37	.26			.48		.28	1.00	1.07	.12		.37		.80			4.81
Pinos Altos (near)	Gila	.03													.11	.46	.28	.50	.18	.33	.78		.21	.68	.03		.10	.14	.47				4.30
Pratt	do																			.40	.15								.94		.07		1.56
Redrock	do													.14	.15	.06	.08		1.18	.05		1.31	.05		.11	.23		.12	.03				3.51
Rodeo	do												.05			T.	.05		.10	.75	T.		.05	.20	.30								1.50
Silver City	Mimbres	.04	T.										.07		1.83	.27	.34	T.	1.23	T.	T.	.38	.45	.07	.45	.08			T.	.19			5.40
Arizona.																																	
Allaires Ranch	Sonora												1.13		.04	.20			.50	.04		.38	.57	.68	.03			.03	.36	.35			4.31
Alpine	Gila												.30	.01	.40		.20		.40	.10	.40		.10		.38	.20			.07	.75	.02		3.33
Aztec	do													T.																			T.
Benson	San Pedro										.10					T.		.21		.20		.10	.20	.10	.70				.38		.20		2.19
Bisbee	do												.61	.37	2.00		.30	.05	T.	.03	.04	.12	.26	.08	.48		.07	.10	.80	.01		.02	5.34
Blue	Gila										.05				.02	.41					.70	.50		.73	.65	.72	.30	.10		.10	.20		4.48
Bowie	do														1.27		.58			.78			.46			.61		.50				4.20
Buckeye	do											T.	T.				T.	.27			T.				.05	.06		T.	.68	.10			1.16
Canille	San Pedro							T.		T.	.24	.41	.97	.10		3.00	.33	T.	.11	.08	.07	.64	.05	1.45	T.	.06	.22	.62	.01	.15		8.51
Casa Grande	Gila																	.40			T.	T.			.50	.20			.16	.04			1.30
Casa Grande Ruins	do												T.	.13	T.				.82			.03	.29		1.00	.01			.05	.78	1.41		4.52
Cavecreek	Verde																																
Chin Lee	San Juan	T.	.02	T.	T.									T.	T.			T.	.05	T.		.04	.48		.10	.06	.02	T.	.10	.T	.15		1.02
Chlarsons Mill	Gila													.23		.20	.10		.21	.45	.10			1.00	1.00	.80	.55	.40		.60			5.64
Clifton	do													.07	.47	.02	T.		.11	.74			1.93	.05	.35	.34	.19		.34				5.21
Cline	Salt													.42	.21	.05					.36		.58	.60					.48		.33		3.03
Cochise	Desert												.60	.40		.08			.75			.25	.89	.40	.50		.08	.12	.08	.30			4.45
Columbia	Agua Fria													.45			.50	.55	.30	.40					.15	2.50	2.65	.40	.10			8.00
Courtland	White												.75			.23	.04		.48	.08	.04	.02		.69	.67	.10		.26		.40			3.76
Dos Cabezos	Desert												.21	1.13	.21		.16		.32	.35		.93		.16	.20	.33	.06	.70		.38	.70		5.84
Douglas	Sonora										T.		.30	.40	.33		.08	.07	.05	.06	.27	.03	.33	.06	.14	.03	T.	.01	.07	.01	.07		2.31
Dudleyville	Gila										T.			.44	.10	.03	T.	.01	.10	.25	T.	.44	1.50	T.	.30	.13	.05	T.	.06	.04	.45		3.90
Fairbank	San Pedro												.05	.61						.60	.30		.40	.12	1.75		T.	2.40	.25				6.48
Flagstaff	Little Colorado.	.03		T.	T.							.01	.06	.15	.28		.01	T.	.01	1.18	.01	.04			.56	.78	.69	.27	.13	.06	.56	.13	4.96
Flagstaff (1)	do				.05								T.	.34	.32			.02	T.	.01	.41	.15	.01			.60	.59	.38	.23	.08	.32		3.51
Florence ‖	Gila													.10								.30			1.00	.30		.05			.50		2.25
Fort Apache	Salt												.19		.21	.12			.70			.73	.28	.14	.32	1.13	.15		.05				4.02
Fort Huachuca	San Pedro											1.10	.20				.10	.10			T.		1.80	.20	2.00			T.	.70	.20	.10		6.50
Fort Mojave	Colorado																																
Gilabend	Gila										.10						.01	.01	.20			.10			.03		.31	.20	.04				1.06
Globe	Salt													.13		.08		.55	.05	.04		.15	.38	.20	.59	.03			.17	.76	1.29		4.42
Grand Canyon	Colorado			.04							.02		.20	.42								.40					.20	.45		.20	.30		2.23
Grand Canyon (1)	do			.10									.06	.23	.04				.05			.03	.05			.42	.10			.30	.17		1.55
Granite Reef Dam	Salt											T.	T.	.03			T.		1.00			.18	.83		.10	.20	T.		.19		.28		2.81
Greer	Little Colorado.												.09		.38	.52	.13	.05	.42	.23	.03	1.05	.09	.02	.27	T.		.05	.17	.02			3.52
Heber	do																																
Hereford	Gila											.02		.90		.05		.63			.15	.02	.05	.10	.76			.75	.42	.15			4.00
Holbrook	L. Colorado											T.		.12				.32		.27						.76					.40	.40	2.27
Indian Oasis	Desert											.08	.35	.15	T.	.05	.03		1.45	.05	.05		T.	.05	.30				.16	.17			2.89
Intake	Salt												.25				.05				.10	.30			.60		.74		.04	1.45			3.53
Jerome	Verde													.48	.06			.75	.27		.43			.75	.06	.05	1.23	.66	.40		.65		5.79
Keams Canyon	L. Colorado	T.			T.									.01	.17			.08								.07	1.20	.05	.52	.68			2.78
Kingman	Colorado																									.03	.01	.02	.03				0.09
Lakeside	L. Colorado											.06	.03	.58				.17	.39	.26	.03	1.95	.68	.19	3.57				.03	1.02	.20			9.16
Lewis Springs	San Pedro													.80				.15		.38	T.		.61	.02	1.00	.09	.15	.15	.20		.55		4.19
McNeal	Desert										T.	T.	T.	.20		T.	.13	.04	.02	.59	.08	T.	.58	.06	.67	.18		T.	.19	.07	.35			3.16

TABLE 2.—*Daily precipitation for July, 1912. District No. 9*—Continued.

Stations.	Watershed.	Day of month.																													Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Arizona—Contd.																																	
Maricopa	Gila													.07											.30	.03	.30			1.10			1.80
Mesa ‖	Salt												T.	T.		T.		.55			.02			T.	.20	T.				.80			1.57
Mohawk Summit	Gila												.01	.03				.12															0.19
Naco	San Pedro										T.		.07	.35	.13			.11	.05	.22		.45	.20		1.65		.03						3.73
Natural Bridge	Verde													.48	.15		.10			.27			.25				.06	.04	.40				3.64
Osborn	San Pedro												.09	.41			.14	.15	.03	.52	.25	.38	.23	.09	1.14		.50		.40	.49	1.00		3.85
Paradise	Desert													T.	.28		.12	.07	.12	.37	.12		.55	.08	2.58		.09	.16	.14	.03			4.89
Parker	Colorado												.20	.92		.10		.01									.22			.38			1.78
Payson	Verde												T.	.34	.13					T.			.20				.05	.50					1.73
Phoenix	Salt												.02	T.		T.	T.	.38	.02		.16	T.			.13		.37		.44	.16			1.29
Phoenix (1)	do											T.	T.	T.			T.	T.	1.45		T.				.05	T.	.04	T.	.02	.06	.46		2.03
Phoenix (2)	do															T.	T.	.92				.19			.14		T.	T.	T.	.49			1.82
Pinal Ranch	Gila																										.08						
Pinto	L. Colorado												T.	T.	T.			T.	T.			T.	.25				.95	T.	.92		.10		2.22
Prescott	Hassayampa										T.			T.	.16		.98	.16	.75	.20	.05	.02			.23	.84	1.93	.18	.11	.22	.12	.24	6.19
Quartsite	Colorado												.06	1.20	.03			.20									.05	.21					1.75
Redrock	Santa Cruz																																
Roosevelt	Salt												.15	.50							.65		.75		.95				.60	.35			3.95
Sacaton	Gila												.07					.74		.69				.72		.05			2.00				4.27
St. Michaels	L. Colorado		T.											.05		.10			.10		.08	.23	.40	.05	T.	.06	.26		T.				1.33
Salome	Colorado													T.												.82		.07					0.89
Seligman	Verde												T.	.09	.05		.01	T.	.05					T.	.06	1.00	.05	.06	T.	.02	.03	.08	1.50
Sentinel	Gila													.01				.01		.01						.04							0.07
Silverbell	Santa Cruz												.10	1.30				.97		.07			.38		1.29				.30	.45			4.86
Snowflake	L. Colorado												T.	.12	T.				.12	.10		T.		.10	.10				.05	.06	T.		0.65
Springerville	do											.05		.12	.15		.05		.70		.15	.08	.08	.17		.40			.09				2.04
Supai	Colorado				.01								.36		.16			.11	.25							.29		.05		.21	.05	.13	1.62
Tempe	Salt												.02	.08	.13	T.	T.		.49			.36			.21	.01	.70	T.	T.		.67		2.67
Thatcher	Gila												.10	.26	.15			T.		.50	.01		.60	.15	.63	.17			.09	.40	.10		3.16
Tombstone	San Pedro							T.					.70					T.	1.44	.39	.16		.16	1.48	.38			.61		.10			5.42
Truxton	Colorado																																
Tuba	Little Colorado.				.05									.16				.16						.05		.15			.31		.07	.03	0.98
Tucson	Santa Cruz											T.	T.	.62	T.		.28			1.20			.37		.39				.09	.02	.03		3.00
Tucson (1)	do												.20	.40				1.11					.62		.45				.12	.13	.38		3.41
Tucson (2)	do											T.	T.	.96			.01	.02	.01	.68	T.		.78	.02	.75	.11	T.		.10	.01	.04		3.49
Vail	do													1.65											2.01			.40					4.06
Walnut Grove	Hassayampa											T.	T.	.80			.30		.50	.70							1.20		1.49	.18	.18	.17	5.52
Wickenburg	do																	1.40									.82						2.22
Willcox	Desert												(*)	.72	.10		.14		.49				.30	.20	.52		.30		.25		.28		3.30
Williams	Colorado													1.42	.90		.10								.40		.90		.80		.45		4.97
Winslow	Little Colorado.																																
Yarnell	Hassayampa																																
Yuma	Colorado												.04					.14															0.18
Yuma (1)	do												.02					.06											T.				0.08
Nevada.																																	
Caliente	Colorado													.10	.10															.10	.02			0.32
Logan	do													.03					.03											.16	.22			0.44

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

TABLE 3.—*Maximum and minimum temperatures for July, 1912. District No. 9, Colorado Valley.*

Date.	Wyoming.				Colorado.										Utah.										New Mexico.			
	Daniel.		Green River.		Durango.		Grand Junction.		Gunnison.		Meeker.		Steamboat Springs.		Emery.		Fort Duchesne.		Hite.		Moab.		St. George.§§		Bloomfield.		Fort Bayard.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	69	40	79	48	76	46	87	62	71	38	70	40	72	34	74	32	85	48	93	63	92	65	90	57	85	52	84	58
2....	70	39	81	40	78	46	85	65	72	37	72	47	71	35	79	35	83	43	92	66	88	63	83	59	84	52	83	55
3....	69	42	79	48	65	46	73	56	74	42	72	35	67	34	78	32	80	50	89	73	81	66	79	65	81	58	81	55
4....	71	43	69	37	61	42	66	50	75	39	66	35	54	31	81	35	76	42	80	61	81	57	83	53	70	50	78	52
5....	70	41	79	40	75	36	80	49	79	35	70	39	67	42	83	36	83	39	90	54	86	46	93	50	81	38	82	52
6....	75	45	82	42	83	41	91	58	77	31	62	55	78	33	75	32	89	47	98	56	95	48	95	51	88	43	87	54
7....	70	35	88	47	85	44	93	62	74	34	80	40	79	38	80	35	93	47	100	56	94	55	95	60	94	40	89	59
8....	65	38	81	46	85	42	93	59	80	45	83	40	78	33	80	37	92	48	99	75	97	55	96	61	94	46	92	59
9....	71	40	84	41	85	44	94	56	78	32	84	35	79	32	85	55	92	45	99	66	99	52	98	65	93	47	92	61
10....	69	31	89	49	88	47	95	60	81	39	85	40	88	37	81	52	97	47	100	63	100	54	96	61	96	45	95	62
11....	74	38	86	53	88	50	94	66	82	36	85	45	80	37	85	56	95	58	104	73	99	54	102	62	95	51	91	62
12....	74	37	82	47	84	62	90	65	79	38	74	50	71	46	80	51	85	57	101	71	95	63	96	68	93	69	90	61
13....	70	40	84	38	85	58	88	63	80	40	81	41	80	36	82	50	80	49	96	73	89	62	86	68	95	56	84	62
14....	74	43	84	41	81	52	85	63	73	53	78	52	75	53	76	50	83	47	92	71	95	60	93	66	95	56	85	61
15....	80	41	91	51	83	50	90	60	78	57	80	46	77	41	81	52	90	53	98	64	95	56	100	64	93	62	85	58
16....	81	43	88	54	81	51	93	64	75	56	81	45	82	38	86	51	96	49	100	71	99	63	103	61	95	60	82	58
17....	81	42	71	46	87	52	95	65	79	50	85	40	83	40	82	51	97	48	104	69	102	58	101	71	97	64	86	57
18....	73	42	85	49	84	57	92	67	83	44	85	47	81	40	81	56	95	60	99	78	97	67	83	65	94	61	85	61
19....	64	52	88	58	79	58	79	63	80	47	77	56	76	50	85	55	82	58	94	75	95	72	93	65	92	63	81	59
20....	72	57	90	50	86	54	90	60	78	53	88	45	78	51	81	52	88	55	99	67	96	60	98	66	95	62	83	61
21....	78	47	85	53	81	51	94	64	84	60	85	45	82	40	81	51	94	54	101	67	99	58	98	68	92	59	82	60
22....	78	43	86	42	75	57	85	69	83	68	80	57	80	63	80	51	90	52	98	76	95	69	96	69	84	60	74	59
23....	75	39	88	54	79	55	90	64	82	60	81	47	79	49	76	50	91	53	97	74	97	67	95	51	85	60	74	52
24....	80	40	87	42	76	57	94	66	76	45	84	48	82	43	82	51	92	47	100	73	98	61	97	61	84	62	78	51
25....	81	41	89	46	78	55	77	66	75	49	75	52	76	47	81	52	84	58	91	76	86	69	84	65	89	59	78	57
26....	82	45	83	49	79	55	89	62	77	43	78	49	78	51	79	50	88	58	93	67	94	61	93	66	88	58	77	55
27....	81	43	87	56	76	50	82	62	70	45	74	50	77	51	78	52	88	60	95	66	90	63	95	64	88	55	81	52
28....	82	42	91	48	85	49	88	60	78	43	78	45	78	45	79	51	89	54	94	66	95	59	92	66	93	57	82	62
29....	81	45	92	53	83	58	87	65	75	42	75	57	81	42	78	56	88	60	97	69	95	63	81	65	93	62	83	59
30....	75	52	84	52	82	54	85	65	78	51	78	52	78	50	75	51	89	60	98	70	92	63	80	61	92	61	83	57
31....	76	50	88	54	83	52	87	63	76	47	75	52	77	48	79	52	89	62	95	74	93	60	90	61	92	64	84	58
Mns..	74.5	42.5	84.5	47.5	80.5	50.7	87.5	61.9	77.4	44.9	78.1	46.0	76.9	42.3	80.1	47.5	88.5	51.9	96.3	68.5	93.8	60.3	89.4	62.4	90.0	55.9	83.6	57.7

Date.	Arizona.																				Logan, Nev.	
	Bisbee.		Flagstaff.		Fort Apache.§§		Grand Canyon.§§		Parker.		Phoenix.		Prescott.		St. Michaels.		Tucson.		Yuma.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	88	61	72	41	87	51	74	35	100	72	101	73	81	43	79	45	99	67	100	71	95	58
2	83	64	72	42	87	48	76	37	93	76	100	69	79	43	79	49	98	64	95	65	89	60
3	81	64	62	49	82	46	79	36	88	72	90	70	69	34	75	55	92	67	87	65	85	65
4	79	66	66	32	78	45	80	39	97	70	90	63	77	40	69	44	90	.....	96	61	90	55
5	84	53	75	32	87	44	80	38	103	65	100	63	85	43	81	39	97	54	104	64	94	58
6	89	62	79	38	92	49	81	40	108	69	103	67	87	49	86	42	102	62	103	67	101	60
7	93	64	80	42	93	52	82	41	108	65	101	71	87	48	86	52	105	63	105	66	100	61
8	92	65	82	43	94	50	83	42	106	69	103	70	88	46	87	50	105	63	108	68	102	61
9	93	69	82	41	94	54	86	48	105	65	105	72	89	50	89	49	102	68	108	72	105	64
10	95	68	82	48	99	58	85	53	113	68	108	76	93	54	88	51	105	71	109	72	104	69
11	94	71	85	44	98	63	78	53	111	75	108	82	90	54	90	53	105	80	110	77	105	76
12	86	62	77	50	95	59	79	54	92	78	96	78	84	61	88	63	97	76	93	79	102	66
13	77	59	67	54	81	59	83	55	98	75	95	71	78	59	79	56	87	67	100	75	94	70
14	79	61	75	46	81	58	81	55	100	75	98	72	83	51	80	54	92	69	100	73	99	66
15	86	60	82	47	92	57	80	54	105	78	104	74	88	53	85	52	100	70	110	75	104	65
16	84	60	82	54	87	58	81	54	108	75	103	82	90	61	86	52	101	71	108	84	113	67
17	85	60	78	51	89	59	81	53	103	78	100	70	81	59	90	51	98	68	100	78	104	79
18	76	62	78	52	90	57	80	54	102	78	98	70	83	57	88	53	99	73	106	80	92	71
19	82	61	74	53	85	61	76	49	105	78	99	79	81	61	81	57	93	68	105	80	99	67
20	78	64	76	49	88	58	70	49	110	79	104	75	84	56	84	55	96	73	108	77	99	71
21	78	62	75	54	83	60	78	47	106	76	98	77	83	64	79	54	92	72	106	80	104	69
22	69	61	72	58	70	61	78	50	106	76	87	77	79	61	73	60	81	69	106	78	102	63
23	72	60	77	52	82	59	75	50	103	76	99	76	82	61	80	57	89	70	101	81	99	62
24	71	60	73	54	77	57	64	48	103	75	82	71	79	58	76	55	79	67	103	77	100	65
25	72	61	67	54	80	56	62	53	101	78	90	72	73	58	81	51	82	69	101	78	93	76
26	77	58	65	53	80	54	60	50	98	72	89	74	69	57	81	55	88	70	102	77	96	68
27	81	58	68	53	83	54	75	52	102	78	93	73	71	57	79	48	91	68	105	76	99	71
28	77	58	70	50	86	58	70	58	100	78	96	77	76	56	83	52	90	68	98	83	98	76
29	78	58	67	53	85	58	60	54	100	78	96	76	79	57	83	58	91	71	102	78	90	71
30	77	58	70	52	85	54	65	54	98	78	93	71	76	57	84	54	91	68	104	78	91	72
31	82	58	73	46	86	55	.....	50	103	78	99	76	79	54	82	52	95	69	106	78	97	69
Mns.	81.9	61.6	74.3	48.0	86.3	55.2	76.1[a]	48.5	102.4	74.3	97.7	73.1	81.4	53.6	82.3	52.2	94.6	68.5[a]	102.9	74.6	98.2	66.8

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