CLIMATOLOGICAL DATA FOR SEPTEMBER, 1913.

DISTRICT NO. 9, COLORADO VALLEY.

FREDERICK H. BRANDENBURG, District Editor.

GENERAL SUMMARY.

Weak and ill-defined low-pressure areas attended by showers were common in the Colorado Basin during the first half of the month, the conditions being similar to those usual in August. During this period a number of high-pressure areas of moderate intensity moved eastward from the Pacific Northwest and crossed the Continental Divide in the distant north, as is common at this time of the year. Their tracks were too remote, however, to exert a marked effect on temperature conditions, thus delaying the occurrence of damaging frosts and permitting the gathering of the greater part of the fruit crop in the central part of the district. The last decade was marked by the most important storm of the month. On the 21st a shallow barometric trough covered the western part of the Rocky Mountain Plateau. During the drift eastward it deepened, and on the morning of the 22d a well-defined low-center overlay Wyoming and, 12 hours later, western Kansas. Meanwhile a high-pressure area was in course of development in the Pacific Northwest. While its crest followed closely the track of its predecessors in the early part of the month, the magnitude of the anticyclone was such as to admit of a spreading southward before crossing the Continental Divide. Along this part of the advancing high-pressure thunderstorms were general on the 22d. Wind was destructive at Grand Junction, and considerable fruit was blown from the trees in the vicinity. Sharp falls in temperature, with killing frosts here and there, attended as far south as northeastern Arizona and the adjacent part of New Mexico, bringing to a close the growing season in much of the central part of the district. In the mountain districts a fall of snow was general on the 22d, 23d, or 24th.

In the greater part of the district mean temperatures were lower than the normal, the deficiency being marked in western Colorado and adjacent parts of New Mexico and Arizona. Precipitation was somewhat above the normal in the northern and central areas, but deficient on the watersheds of the Mimbres, Gila, and lower Colorado. Deficient rainfall has been a feature of the season in Arizona. Most of the crops in unirrigated sections have been a failure, and ranges have been in poor or only fair condition. In the irrigated districts the water supply has, in most cases, been sufficient. A heavy drain has been made on the water stored in Roosevelt Reservoir. Ranges are reported in satisfactory condition in the high districts of western Wyoming.

TEMPERATURE.

The monthly mean temperature was 64.2°, or 1.4° below the normal. The mean for September, 1912, was 60.6°. The highest monthly mean was 87.4° at Mohawk, Ariz., and the lowest, 42.9°, at Fraser, Colo. In the southern part of the district the first two days, which were cool, were followed by three weeks warmer than the normal. In the central and northern parts of the district during this period temperatures remained close to the normal. From the 22d, in the northern half, and the 23d, in the southern half of the district, temperatures were below the normal throughout the district, with marked deficiencies on the 23d, 24th, and 25th. The highest temperatures occurred during the first two decades, generally on the 4th and 5th in the northern, 10th and 11th and 19th and 20th in the southern areas. Readings of 100° or higher were noted at 30 stations in Arizona and at 1 in eastern Utah. The lowest temperatures occurred in the last decade. Freezing temperatures occurred in the different areas, except at the stations in southeastern Nevada. The highest temperature, 116°, occurred at Mohawk, Ariz., on the 20th, and the lowest, 6°, near Silverton, Colo., on the 24th.

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	51.8	+1.4	86	At 2 stations	8	Willow Creek Cabin.
Western Colorado	53.8	−1.9	93	Delta	6	Silverton (near).
Eastern Utah	59.7	± 0	101	St. George	17	Scofield.
Western New Mexico	60.9	−3.3	96	Deming	22	Luna.
Arizona	71.9	−1.3	116	Mohawk	19	Flagstaff No. 1.
Southeastern Nevada	71.4	+5.6	107	Logan	28	Caliente.

PRECIPITATION.

The average for the stations reporting was 1.45 inches, or 0.01 inch above the normal. The average for September, 1912, was 0.52 inch. Showers were general during the first half of the month, especially during the first decade. Precipitation was again general on the 22d, 23d, and 24th. In the extreme north and at high altitudes it was in the form of snow. Precipitation of an inch or more in 24 hours occurred at 5 stations in western Colorado, 6 in eastern Utah, 2 in western New Mexico, and 12 in Arizona. The greatest monthly amount was 5.51 inches at Spruce Lodge, Colo., while none occurred at Bluff, Utah, and Gila Bend, Mohawk, and Yuma, Ariz. Monthly snowfalls of 5 inches or more occurred at 1 station in western Wyoming, 12 in western Colorado, and 1 in eastern Utah. The maximum monthly fall was 19 inches at Spruce Lodge, Colo. The average

number of days with 0.01 inch or more precipitation was 7 in western Wyoming, 10 in western Colorado, 6 in eastern Utah, 7 in western New Mexico, 4 in Arizona, and 2 in southeastern Nevada. For the district as a whole the average was 6 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.
1.40	+0.28	2.14	+0.67	2.50	+0.91	2.23	+0.32	1.08	−0.38	1.33	−0.42	0.96	−0.20

MISCELLANEOUS.

The average amount of sunshine in percentages, with departures from the normal, was as follows: Grand Junction, 66, −10; Durango, 66, −17; Phoenix, 94, +7; and Yuma, 96, +4.

The relative humidity reported was: Grand Junction, 52, +6 per cent; Durango, 63, +5; Phoenix, 36, ±0; and Yuma, 43, −3.

RIVERS.

Rainfall during the first decade in the upper reaches of the Colorado caused a rise in that stream, the maximum stage at Yuma, Ariz., 18 feet, being reached on the 16th. The discharge for the month was below the average for the last seven years.

Heavy local rains near Cave Creek, Ariz., caused some damage to irrigation ditches in Salt River Valley on the 1st.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, with 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Wyoming.																				
Big Piney	Lincoln	6,800						29	21		1.05		0.85	0.0	3				w.	Ira Dodge.
Daniel	do	6,740	14	47.9	+ 1.4	78	5†	15	25	52	2.10	+ 1.26	0.40	8.0	8	19	5	6		J. M. VanDervort.
Eden	Sweetwater	6,577	4	52.6		82[e]	5†	14[e]	25	55[e]	0.62		0.20	0.2	6	9[e]	14[e]	4[e]	w.	Eden Val. L. & I. Co.
Green River	do	6,083	8	60.8		86[h]	5†	32[h]	20	48[h]	0.23		0.11	T.	4	17	8	5	w.	Wm. Hutton.
Pinedale	Fremont	7,167	7	50.6		78[j]	6	22[j]	22	50[j]	1.54		0.47	4.0	7	10[j]	3[j]	7[j]	nw.	U. S. Forest Service.
Wamsutter	Sweetwater	6,702		53.6		86	5	11	24	53	1.02		0.48	T.	9	16	3	11	sw.	T. C. Sherman.
Willow Creek Cabin	Fremont	7,500	4	45.4		78[i]	2	8[i]	25	47[i]	3.28		0.61	11.0	9	12[i]	1[i]	8[i]	nw.	U. S. Forest Service.
Colorado.																				
Ashcroft	Pitkin	9,483	11	45.6	− 2.4	70	2†	18	24†	45	2.38	+ 0.41	0.53		20					Dan McArthur.
Aspen	do	7,931																		U. S. Forest Service.
Blue Valley Ranch	Grand	7,525		49.1		76	3	18	20†	55	1.47		0.26	0.1	11	13	5	12	se.	L. R. Hubbard.
Cascade	San Juan	8,900	6								3.93		0.94	16.2	13	12	0	18		The Western Colorado Power Co.
Cedaredge	Delta	6,175	15	58.2	− 2.0	81	3†	29	26	40	0.97	− 0.41	0.44	0	6	10	15	5		Harry A. Cobbett.
Cochetopa	Saguache	9,088	4								1.93		0.30	4.5	9	2	9	19	w.	Miss Bessie McDonough.
Collbran	Mesa	6,000	20	56.8	− 2.3	81	4	31	24	38	2.51	+ 1.10	0.76	0	10	17	8	5	sw.	A. A. Wood.
Columbine	Routt	8,766	3								0.56		0.14	4.0	7	19	10	1	sw.	Mrs. M. A. Caron.
Columbine Ranch	Delta	6,925	3								2.85		0.90	T.	7	8	11	11	s.	George W. Wade.
Cortez	Montezuma	6,100	2																	W. G. Chicas.
Crawford (near)	Montrose	6,600	3	55.2		78	3†	26	24†	39	1.67		0.92	0	13	11	16	3		C. W. Roe.
Crested Butte	Gunnison	8,867	3	44.8		75	7	12	24	52	2.17		0.75	5.0	11	7	9	14	w.	Charles L. Ross.
Delta	Delta	4,965	23	61.8	− 0.8	93	1	28	26	55	0.86	− 0.02	0.70	0	4	17	7	6		E. M. Getts.
Dillon	Summit	8,800	3	43.6		73	6	13	26	48	2.03		0.43	T.	18	10	7	13	n.	Mrs. Nannie B. Strong.
Durango	La Plata	6,534	18	56.2	− 2.0	81	19	29	24	44	2.40	+ 0.55	0.76	T.	13	8	16	6	nw.	U. S. Weather Bureau.
Eureka	San Juan	10,000	6								1.97		0.80	9.0	6	10	9	11	s.	The Western Colorado Power Co.
Frazer	Grand	8,560	4	42.9		70	6	10	25	54	3.57		0.56	5.0	15	1	12	17	w.	L. D. C. Gaskill.
Fruita	Mesa	4,510	14	61.4	− 1.8	89	4	29	26†	49	1.25	+ 0.08	0.68	0	7	16	9	5	se.	J. B. Willsea.
Glade Park	do	7,000	2								2.22		0.85	0.5	7	16	12	2	sw.	A. F. Terrill.
Gladstone	San Juan	10,400	6								3.46		0.91	14.3	16	7	3	20	ne.	The Western Colorado Power Co.
Glenwood Springs (near).	Garfield	5,823	15	58.2	− 0.3	85	2	26	19†	52	1.62	+ 0.59	0.35	0	9	18	9	3	w.	E. A. O'Neil.
Grand Junction	Mesa	4,602	22	63.5	− 2.9	86	12	37	23	37	1.70	+ 0.75	0.95	0	9	13	10	7	se.	U. S. Weather Bureau.
Grandlake	Grand	8,153	[f]								2.10		0.85	3.0	6	8	12	10	w.	Mrs. Belle Kauffman.
Grand Valley	Garfield	5,089	21	61.4	− 1.0	89	4†	28	30	49	2.07	+ 0.73	0.64	0	11	11	12	7		David Evans.
Gunnison	Gunnison	7,670	20	51.6	− 0.4	76	15	20	29	45	1.47	+ 0.72	0.58	T.	7	17	11	2	sw.	Clarence Adams.
Hayden	Routt	6,337		54.3		80	4	22	26	49	1.87		0.82	2.0	10	15	5	10	se.	A. W. Friederich.
Hesperus (near)	La Plata	7,610	1								2.64		0.64	2.0	8	10	13	7		G. F. Snyder.
Horsefly	Montrose	8,700	3								3.40		0.60	2.0	9	18	3	9	ne.	Lawrence J. Finch.
Ironton	Ouray	10,000	3								3.04		1.10	10.2	7	6	18	6	ne.	Mrs. Amanda E. Foley.
Lake City	Hinsdale	8,686	8	50.0		79	9	18	24	44	1.79		0.46	3.7	15	8	6	16	s.	J. F. Maurer.
Lay	Moffat	6,190	19	55.0	− 1.0	84	4	20	25	51	0.71	− 0.79	0.42	0	5	13	4	13	sw.	A. G. Wallihan.
Mancos	Montezuma	6,960	14	53.7	− 3.6	88	10	21	22	47	4.79	+ 3.28	1.35	2.0	10	11	11	8	s.	Miss Gertrude Rickner.
Marble	Gunnison	7,951	4	49.6		77	4	20	26	50	2.61		0.84	6.5	9	17	6	7	e.	F. E. Morse.
Marshall Pass	Saguache	10,846	10								1.23	+ 0.20	0.30	8.0	6	13	5	12		Wm. L. Williams.
Meeker (near)	Rio Blanco	6,182	21	51.0[c]	− 4.4	78[c]	13	21[c]	26	49[c]	1.71	− 0.04	0.92	1.5		12[c]	5[c]	10[c]	sw.	T. Baker.
Montrose	Montrose	5,811	24	58.4	− 1.8	82	13†	30	24†	47	1.27	+ 0.24	0.55	0	8	18	10	2		U. S. Reclamation Service.
Nast	Pitkin	7,953	3	47.2		71	5†	20	26	46	2.46		0.60	1.0	6	11	14	5	w.	Arthur Hanthorn.
Pagosa Springs	Archuleta	7,108	6	52.4		82	3†	21	29	52	2.78		0.67	2.8	15	10	15	5	sw.	E. T. Walker.
Palisades	Mesa	4,729	2	63.6		91	12	31	27	49	1.39		0.78	0	5	14	15	1		E. P. Updegraff.
Paonia	Delta	5,694	18	60.5	− 1.2	87	4	30	26	41	1.27	− 0.06	0.80	0	7	7	22	1	sw.	J. M. Underwood.
Pitkin	Gunnison	9,500	4								1.32		0.35	3.0	7	11	14	5		Mrs. Maggie Cammann.
Redcliff	Eagle	8,695	20								3.45	+ 2.21	1.00	2.2	9	15	9	6		Dorothea Greiner.
Redvale	Montrose	6,300		53.9		80	2†	28	22†	38	1.10		0.60	0	3	18	9	3		Dr. E. S. C. Foster.
Rico	Dolores	8,824	11								4.31	+ 1.96	1.05	10.0	9	9	17	4	s.	Clinton B. Smith.
Rifle	Garfield	5,437	2	58.6		85	12	30	26	47	1.74		0.66	0	11	13	7	10	sw.	Herman Eiche.
River Portal	Montrose	6,570	7	58.8		85	4	30	25†	46	2.32		0.97	0	9	9	18	3		U. S. Reclamation Service.
Sapinero (near)	Gunnison	8,125	10	48.8	− 3.2	72	21	22	26	46	2.77	+ 1.26	1.10	2.5	15	14	12	4	w.	W. F. Irving.
Shoshone	Garfield	6,110	3	61.0		88	1	36	26	40	1.71		0.58	0	11	10	9	11		Central Colorado Power Co.
Silverton (near)	San Juan	9,400	6	45.0		69	20†	6	24	47	3.30		0.75	6.0	12	6	9	15	sw.	The Western Colo. Power Co.
Spruce Lodge	Grand	9,600	5								5.51		0.63	19.0	18	9	6	15	n.	H. J. Willis.
Steamboat Springs	Routt	6,683	10	51.2	− 2.4	81	4	18	20†	58	3.01	+ 1.71	0.76	1.0	10	13	14	3		Herbert B. Gee.
Tacoma	La Plata	7,300	6								3.18		0.78	T.	10	6	13	11	n.	The Western Colo. Power Co.
Telluride	San Miguel	8,756	1	48.8		76	4†	18	24	55	3.55		1.25	9.1	14	11	11	8	nw.	David S. Painter.
Terminal Dam	La Plata	8,300	6								3.54		0.52	5.0	13	9	15	6	sw.	The Western Colo. Power Co.
Yampa (near)	Routt	8,000	4								0.92		0.35	T.	5	22	6	2	sw.	Wm. A. Charls.
Utah.																				
Bluff	San Juan	4,200	1	59.0		85	5	30	23	39	0.00		0.00	0	0					Herbert H. Redd.
Boneta	Wasatch	6,750	1								1.35		0.24	2.0	9				w.	Oscar Wilkins.
Canaan	Washington	5,000	1								2.96		1.57	0	6					J. M. Lauritzen.
Castle Dale	Emery	5,500	14	56.5	− 2.3	85	6†	20	22	54	1.75	+ 0.78	0.40	0	7	18	12	0		Miss Fay Jeffs.
Cisco	Grand	4,100	13																	J. I. Rounds.
Dragon	Uinta	6,000	3	58.0		82	19	26	23	39	1.12		0.68		9	22	1	7	s.	Homer D. Ford.
Duchesne	Wasatch	5,500	6	57.2		83	5†	26	23	44	1.38		0.48	0	8	10	12	8		M. M. Smith.
Elkhorn	Uinta	6,657	3								1.91		0.36	4.0	11	12	16	2		Forest Service.
Emery	Emery	6,200	12	59.5	+ 3.4	83	10	30	29	41	0.20	− 0.92	0.10	0	2	10	1	19	s.	H. C. Wickman.
Escalante	Garfield	5,700	10	58.5	− 1.5	90	16	28	20	49	0.90	− 0.40	0.60	0	3	23	0	7		Geo. H. Barney.
Fort Duchesne	Uinta	4,941	25	64.4	+ 3.7	90	20	32	24	43	0.36	− 0.72	0.14	0	5	15[d]	7[d]	4[d]	w.	Geo. W. Dickson.
Fruitland	Wasatch	7,625	3	53.3		81	3	23	26	46	2.59		0.45	0	9	12	13	5		J. E. L. Carey.
Grayson	San Juan	6,000	6	59.7		84	1	27	24	30	1.42		0.50	0	8	10	9	11	n.	E. F. Thompson.
Green River	Emery	4,080	13	64.8	− 0.9	92	5	29	24	50	0.63	− 0.24	0.39	0	5	14	16	0	sw.	Edgar E. Adams.
Hanksville	Wayne	4,200	2																	F. J. Weber.
Hite	Garfield	3,500	13	72.3	− 0.4	96	5	42	24	41	0.62	− 0.12	0.34	0	3	12	15	3		John P. Hite.
Hurricane	Washington	3,800	1								0.90		0.45	0	3	10	12	8		Amos Workman.
Kanab	Kane	4,925	5	64.0		91	13†	32	28†	47	1.54		0.38	0	6					D. D. Rust.
La Sal	San Juan	7,000	10	55.0		77	1	25	23	28	2.02	+ 0.85	0.44		10	9[a]	10[a]	10[a]		Gertrude W. Carpenter.
Leeds (near)	Washington	3,400		72.6[d]		94[h]	12	41	24	32	0.75		0.30	0	4	7	0	23		B. F. Anderson.
Loa	Wayne	7,000	17																	F. E. Brown.
Manila	Uinta	6,225	3	54.2		82	16†	19	26	55	0.86		0.37	0	4					Daniel M. Nelson.
Moab	Grand	4,000	23	66.9	+ 0.9	94	5	34	26	51	1.78	+ 0.70	0.57	0	7	14	11	5		Henry Crouse.
Monticello	San Juan	7,545	5																	Geo. F. Barton.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, with 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
***Utah*—Continued.**																				
New Harmony	Washington	5,200	2								2.44		1.14	0	4					Geo. F. Prince.
Orderville	Kane	6,660	3								3.64		1.13	0	9					F. A. Porter.
Pine Valley	Washington	6,000	2																	Mason Gardner.
Price	Carbon	5,557	2																	George Mathis.
Ranch	Kane	6,700	11	54.4	− 0.3	82	5	25	26	46	1.70	− 0.39	0.79	0	4	20	8	2		J. W. Seaman.
San Rafael	Emery	4,250	1								0.22			0	2	18	3	9	se.	Jos. J. Nouguier.
St. George	Washington	2,880	26	70.5	− 0.7	101	12	35	24†	55	1.08	+ 0.50	0.54	0	5	17	12	1		Wm. Goodspeed.
Scofield	Carbon	7,625	4	49.6		81	1	17	26	53	2.89		1.00		13	16	0	14	s.	B. Newren.
Springdale	Washington	3,500	5																	Hattie F. Wood.
Strawberry, East	Wasatch	7,650	1	48.0		74	20	19	24	52	3.24		1.04	7.0	9	17	5	8	w.	Reclamation Service.
Teasdale	Wayne	7,000	4	55.6		90	12†	26	23	61	0.80		0.80	0	1	14	7	9	w.	Henry Cullum.
Thompsons	Grand	5,150	2	63.2		86	5†	33	24	36	1.36		0.72	0	5	16	10	4	ne.	Mrs. A. M. Starmont.
Tropic	Garfield	7,000	16	55.7	− 2.0	82	19	30	24†	43	1.69	+ 0.31	0.54	0	4	6	18	6	sw.	E. P. Bolton.
Trout Creek Ranger	Uinta	9,200	2																	Forest Service.
Vernal	do	5,050	16																	H. E. Dillman.
Victor	Emery	5,250	1								1.35		0.44	0	5					F. F. Noyes.
White Rocks	Uinta	6,200	1								0.54		0.30	0	4	13	9	8		E. C. Sims.
Woodside	Emery	4,645	2	60.6		94	12	25	23†	40	0.35		0.35	0	1					S. M. Miller.
New Mexico.																				
Alma	Socorro	4,800	15	63.6	− 3.4	95	19	29	30	55	1.33	− 0.55	0.31	0	10	12	15	3	s.	M. A. Balke.
Aragon	do	5,856	6	57.6		84	19	28	28†	46	1.72		0.52	0	6	14	13	3	sw.	J. R. Milligan.
Aztec	San Juan	5,590	13								1.08	+ 0.17	0.46	T.	6	10	16	4	sw.	Dr. T. J. Weast.
Bergers Ranch	McKinley	8,000	1	52.3		79	3†	25	27	47	5.29		0.95	0	11	12	6	12	e.	Herman Berger.
Blackrock	do	6,500	4																	Patrick DesGeorges.
Bloomfield	San Juan	5,500	18	60.0	− 4.2	86	19†	32	21	54	1.58	+ 0.74	0.50	T.	7	12	15	3	sw.	F. LeClerc.
Cambray	Luna	4,215	14								0.28	− 0.94	0.09	0	4	15	8	7		Agent Southern Pacific Ry.
Cliff	Grant	4,470	13	68.0	− 2.3	95	19	28	27	55	0.95	− 0.79	0.40	0	4	25	5	0		W. C. Belden.
Columbus	Luna	4,054	4								0.20		0.15	0	2	12	2	16	se.	Agt. E. P. & S. W. R. R.
Crystal	San Juan	7,400									3.43		0.61	3.0	12	10	13	7	sw.	J. A. Molohan.
Deming	Luna	4,333	36	70.2	− 2.1	96	10†	40	12	50	0.77	− 0.60	0.30	0	3	26	1	3	w.	Agent Southern Pacific Ry.
Dulce	Rio Arriba	6,767	16	55.2	− 1.0	82	3	26	29	51	1.82	+ 0.15	0.59	0	6	19	8	3	sw.	E. O. Green.
Farmington	San Juan	5,400																		O. Ricketts.
Fort Bayard	Grant	6,152	44	61.6	− 4.8	87	19	31	27	39	1.18	− 0.79	0.38	0	9	16	5	9	w.	U. S. Genl. Hospital.
Fruitland	San Juan	4,800	19	61.0	− 2.3	85	4†	32	24	49	1.42	+ 0.58	0.37	0	6	14	15	1	sw.	C. J. Collyer.
Gage	Luna	4,480	13	63.6		91	9	33	26	37	1.77	+ 0.63	0.67	0	6	10	20	0	w.	Agent Southern Pacific Ry.
Gila Planting Station	Grant	6,475	2	60.2		84	19	30	27	37	1.63		0.41	0	9	18	5	7	w.	U. S. Forest Service.
G. O. S. Ranch	do	8,000	1																	Victor Culberson.
Hachita	do	4,504	4								1.92		0.79	0	6	9	15	6	e.	Agt. E. P. & S. W. Ry.
Haynes	Rio Arriba	6,600	2	57.0		79	3†	29	28†	42	2.34		0.90	T.	8	13	9	8	nw.	Mrs. O. L. Wingate.
Hermanes	Luna	4,451	4								2.06		0.75	0	5	24	1	5	w.	Agt. E. P. & S. W. Ry.
Lordsburg	Grant	4,245	3	66.8	− 7.0	91	19	36	28	44	1.70	+ 0.62	1.03	0	3	15	15	0	e.	J. H. McClure.
Luna	Socorro	7,300	12	54.6	− 2.5	84	19	22	27†	53	2.10	+ 0.30	0.43	0	8	10	20	0	w.	C. B. Martin.
Mimbres	Grant	5,007	8								2.96		0.78	0	6	18	8	4		C. Dennis.
Pinos Altos (near)	do	7,253	2								4.69		1.49	0	8	15	14	1	w.	O. L. Scott.
Pratt	do	4,415	4								0.63		0.23	0	6	18	7	5	w.	Agt. E. P. & S. W. R. R.
Putnam	San Juan	6,200	1																	C. F. Spader.
Redrock	Grant	4,150	8								1.23		0.38	0	8	12	14	4		Robt. H. Woods.
Rodeo	do	4,118	4								2.37		0.98	0	6	21	1	8	sw.	Agt. E. P. & S. W. Ry.
Silver City	do	5,937	2	61.2		83	16†	31	27	40	1.09		0.30	0	10	19	9	2	se.	E. M. Brumback.
Arizona.																				
Allaires Ranch	Cochise	4,184	17								1.33	+ 0.14	0.56	0	6					Thomas Allaire.
Alpine	Apache	8,500	4	52.0		79	21	21	29	47	3.65		0.78	T.	11	13	9	8	nw.	U. S. Forest Service.
Ashfork	Yavapai	5,239	2								0.90		0.50	0	2	17	10	3		Do.
Aztec	Yuma	492	15	83.8	− 3.8	113	11	51	25	43	0.25	− 0.04	0.25	0	1	26	3	1	ne.	Agent Southern Pacific Ry.
Benson	Cochise	3,523	32	71.4	− 5.2	96	23	39	26	44	0.66	− 0.25	0.39	0	3	17	5	8	se.	Do.
Bernardino	do		1								0.33		0.21	0	2	13	6	11	n.	Operator E. P. & S. W. R. R.
Bisbee (1)	do	5,350	23								0.64	− 1.19	0.30	0	4	25	0	5	n.	Agent E. P. & S. W. R. R.
Blue	Greenlee	6,500	6								2.10		0.36	0	8	6	20	4	s.	Mary A. Jones.
Bonita	Graham	4,916	39								0.98	− 0.62	0.85	0	3	15	9	6	s.	A. H. Jelley.
Bowie	Cochise	3,756	37	72.7	− 0.9	98	22	40	27	49	0.72	− 0.46	0.37	0	4	14	11	5		Agent Southern Pacific Ry.
Buckeye	Maricopa	980	21	82.8	+ 2.3	108	11†	48	25	48	0.12	− 0.41	0.12	0	1	30	0	0	sw.	H. E. Kell.
Canille	Santa Cruz	5,225	4								0.61		0.36	0	6	10	20	0	sw.	Robert A. Rodgers.
Casa Grande	Pinal	1,396	32								0.05	− 0.44	0.05	0	1	17	13	0	w.	Agent Southern Pacific Ry.
Casa Grande Ruins	do	1,422	5	82.1		106	10†	49	29	47	T.		T.	0	0	21	7	2	w.	Frank Pinkley.
Cavecreek (near)	Maricopa	1,452	6	82.2		107	11	50	24†	39	3.60		2.85	0	3	22	3	5	sw.	John B. Lammers.
Chandler	do	1,213	18	81.2	+ 0.1	109	11	48	25	42	0.41	− 0.16	0.23	0	4	28	2	0	nw.	F. V. N. Dana.
Chin Lee	Apache	6,090	5	53.4		73	4†	32	24	34	1.13		0.37	T.	7	2	15	13	n.	Rev. L. Ostermann, O. F. M.
Chiarsons Mill	Graham	8,000	6	57.9		75	19	34	27	25	2.51		0.53	0	8	2	27	1		Hiram R. Chiarson.
Clifton	Greenlee	3,584	22	77.5		100	21	46	29	42	0.62	− 0.94	0.30	0	5	19	11	0		L. C. Kyhl.
Cline	Gila	2,300	13	74.6	− 0.8	101	12†	40	29	51	0.67	− 0.22	0.67	0	1	12	18	0	sw.	W. M. Clanton.
Cochise	Cochise	4,219	15	70.1	− 3.0	94	4	35	30	57	0.18	− 1.22	0.18	0	1	20	4	6	w.	Agent Southern Pacific Ry.
Columbia	Yavapai	1,900	13	80.8	− 0.9	101	17†	53	24	29	1.00	+ 0.51	0.50	0	3	26	3	1	e.	M. J. Nolan.
Cornville	do	3,300	1	70.4		95	11†	40	27†	43	0.55		0.30	0	3	11	19	0	s.	N. F. Girdner.
Courtland	Cochise	4,543	4								1.76		0.55	0	6	14	15	1	sw.	Agent E. P. & S. W. R. R.
Don Luis	do	5,020	1								1.05		0.45	0	5	18	9	3	ne.	Do.
Dos Cabezos	do	5,250	5	63.3		86	9	33	28	45a	1.24		0.42	0	6	17	13	0	e.	Neil Erickson.
Douglas	do	3,930	10	67.8	− 4.3	96	9†	29	28	57	0.57	− 0.45	0.24	0	4	18	5	7	sw.	Dr. F. T. Wright.
Dudleyville	Pinal	2,204	22	69.8	− 6.7	94	11	40	28	44	0.54	− 0.72	0.34	0	4	15	12	3	sw.	George F. Cook.
Elgin	Santa Cruz	4,706	1								1.13		0.70	0	5	21	3	6	se.	Leonard W. Klene.
Fairbank	Cochise	3,862	4								0.83		0.25	0	6	17	6	7	sw.	Agent E. P. & S. W. R. R.
Flagstaff	Coconino	6,907	21	54.8	− 0.7	80	19†	27	27	41	1.89	− 0.20	0.47	T.	13	10	17	3	nw.	George T. Herrington.
Flagstaff (1)	do	7,500	5	52.0		80	20	19	27	49	1.87		0.46	0	12	12	11	7	sw.	U. S. Forest Service.
Florence	Pinal	1,504	14	83.6	+ 2.7	109	11	48	24	41	0.65	− 0.09	0.65	0	1	12	18	0	s.	Agent Arizona Eastern R. R.
Fort Apache	Navajo	5,200	42	64.8	− 1.0	92	19	36	29†	48	0.60	− 1.00	0.20	0	8	24	3	3	nw.	Post Surgeon, U. S. Army.
Fort Huachuca	Cochise	5,100	28	72.7	+ 1.8	95	22	53	14	32	1.04	− 0.82	0.74	0	6	24	0	6	se.	Do.
Fort Mohave	Mohave	604	44																	August F. Duclos.
Gila Bend	Maricopa	737	23								0.00	− 0.23	0.00	0	0	30	0	0	w.	Agent Southern Pacific Ry.
Globe	Gila	3,625	11	73.7	− 6.5	95	10†	44	25	38	0.90	− 0.65	0.52	0	4	13	17	0	nw.	Dr. B. G. Fox.
Grand Canyon	Coconino	6,866	9	58.6		82	2†	25	23	38	0.50		0.50	T.	1	14	16	0	sw.	Agent Grand Canyon R. R.
Grand Canyon (1)	do	3,676	4	71.6		94	19	46	26	36	0.32		0.15	0	4	6	23	1	n.	B. W. Zachau.
Granite Reef Dam	Maricopa	1,325	20	82.2	− 1.1	104	10†	49	25	38	1.62	− 0.97	1.40	0	3	19	8	3	w.	U. S. Reclamation Service.
Greer	Apache	9,200	2								3.47		0.98	1.2	7					U. S. Forest Service.

TABLE 1.—*Climatological data for September, 1913. 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, with 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
***Arizona*—Continued.**																				
Hackberry	Mohave	3,500	1								0.59		0.28	0	6	13	17	0	nw.	A. N. Keech.
Hereford	Cochise	4,180	4								0.57		0.52	0	2	23	2	5	sw.	Agent E. P. & S. W. R. R.
Holbrook	Navajo	5,069	23	64.7	− 2.9	91	12	36	25	39	1.13	− 0.33	0.83	0	2	22	3	5	sw.	Thorwald Larson.
Indian Oasis	Pima	3,000	3																	Joseph Menager.
Intake	Gila	2,230	6								1.70		1.25	0	3	23	4	3	w.	U. S. Reclamation Service.
Jerome	Yavapai	4,743	16	71.0	− 1.7	95	19	45	24†	35	2.38	+ 1.22	0.82	0	5	13	16	1	s.	Dr. L. A. Hawkins.
Keams Canyon	Navajo	6,600	9																	Fred A. Bartram.
Kingman	Mohave	3,326	10								0.35	− 0.62	0.20	0	2	25	0	5	s.	Agent A. T. & S. F. Ry.
Lakeside	Navajo	6,500	15	56.3		86	21	26	27	47	1.86	+ 0.03	0.96	0	5	13	11	6	sw.	Prof. Joseph Peterson.
Lewis Springs	Cochise	4,029	4								0.40		0.40	0	1	19	10	1		Agent E. P. & S. W. R. R.
Lowell Observatory	Coconino	7,180	2																	Vesto M. Slipher.
McNeal	Cochise	4,150	3								0.59		0.22	0	5	17	8	5	se.	George J. Jones.
Maricopa	Pinal	1,186	37	83.1	+ 0.5	112	11	47	29	53	0.10	− 0.42	0.05	0	2	27	3	0	w.	Agent Southern Pacific Ry.
Marinette	Maricopa	1,150	1	80.4		107	11†	49	28	46	0.42		0.35	0	2	18	10	2	w.	Theo. Katzenstein.
Moccasin	Mohave	4,500	1																	J. G. Maxwell.
Mohawk	Yuma	538	13	87.4	− 0.6	116	20	60	28	43	0.00	− 0.18	0.00	0	0	16	14	0	n.	Agent Southern Pacific Ry.
Naco	Cochise	4,579	4								0.47		0.23	0	3	6	24	0	sw.	Agent E. P. & S. W. R. R.
Natural Bridge	Gila	4,990	24								2.90	+ 1.11	1.52	0	4	17	12	1	sw.	D. G. Goodfellow.
Nutrioso	Apache	8,000	3								2.50			0						U. S. Forest Service.
Oracle	Pinal	4,502	19	71.4	− 2.2	91	11†	45	26	30	0.63	− 0.72	0.55	0	3	25	4	1		J. W. Lawson.
Osborn	Cochise	4,676	4								0.33		0.33	0	1	11	14	5	w.	Agent E. P. & S. W. R. R.
Paradise	Pinal	5,436	7	61.2		89	19	27	28	48	2.11		0.69	0	8	6	23	1	ne.	J. C. Hancock.
Parker	Yuma	345	17	82.4	− 0.6	113	14	42	24†	57	0.13	− 0.26	0.12	0	2	28	1	1	sw.	M. A. Israel, M. D.
Payson	Gila	5,550	5	63.0		87	19	34	28	42	2.73		1.40	0	4	12	5	13		Mart McDonald.
Pearce (near)	Cochise	4,400	1	69.9		96	1	39	27	46	0.38		0.25	0	4	17	12	1	e.	Clarence H. Wilson.
Phoenix	Maricopa	1,108	19	81.7	+ 0.3	104	11	49	25	36	0.13	− 0.88	0.10	0	2	23	7	0	e.	U. S. Weather Bureau.
Phoenix (1)	do	1,092	23	77.4	− 3.8	108	11	35	25	53	0.21	− 0.38	0.21	0	1	25	5	0	sw.	David Aepli.
Phoenix (2)	do	1,189	5	80.6		103	11	49	24	39	0.04		0.04	0	1	13	17	0	sw.	Salt River Valley Nurseries.
Pinal Ranch	Pinal	4,520	19								0.21	− 1.64	0.11	0	3					Irion & Craig.
Pinedale	Navajo	6,500	1								1.53		0.60	0	5	7	22	1	ne.	E. Thomas, jr.
Pinto	Apache	5,660	9								1.15		0.50	0	4	19	8	3	sw.	Cecilia F. Henning.
Prescott	Yavapai	5,320	46	61.6	− 3.0	88	20	31	24†	42	2.64	− 1.58	1.01	0	9	19	7	4		Dr. J. W. Flinn.
Prescott Dry Farm	do	5,008	1	65.8		91	19	38	24	39	3.10		1.20	0	4	11	19	0		L. L. Bates.
Quartzsite	Yuma	800	6	84.0		110	11†	47	24†	43	0.15		0.10	0	2	17	13	0	w.	W. E. Scott.
Redrock	Pinal	1,864	4								0.53		0.28	0	2	15	5	10		Agent Southern Pacific Ry.
Rice	Gila	2,540	30																	Arthur Pritchard.
Roosevelt	do	2,175	9	79.8		102	10	56	25†	33	0.34		0.20	0	2	12	17	1	w.	U. S. Reclamation Service.
Sacaton	Pinal	1,280	6	82.6		108	6†	43	26	55	0.04		0.04	0	1					E. W. Hudson.
St. Johns	Apache	5,650	9	57.3[f]		89	10	32	26	41[k]	3.12		2.25	0	4	13	3	14	nw.	Alexander Shreeve.
St. Michaels	do	6,950	26	58.2	− 0.6	82	20	28	24	45[e]	3.50	+ 2.01	1.30	1.0	11	15	15	0	sw.	Rev. Anselm Weber, O.F.M.
Salome	Yuma	1,875	6	80.6		107	19	48	24†	46	1.05		0.81	0	3	27	1	2	w.	August Nord.
San Simon	Cochise	3,609	27	73.2	− 3.5	99	7	40	29	46	0.90	+ 0.14	0.90	0	1	21	7	2	sw.	Agent Southern Pacific Ry.
Seligman	Yavapai	5,219	8	59.8		89	11	32	27	34	0.50		0.40	0	3	20	4	6	sw.	Librarian A. T. & S. F. Ry.
Sentinel	Maricopa	685	15	85.4	− 0.2	111	11	54	25	39	0.08	− 0.20	0.08	0	1	29	1	0	w.	Agent Southern Pacific Ry.
Silverbell	Pima	2,664	8	82.0		102	11	55	25	34				0	2	30	0	0	s.	Imperial Copper Co.
Snowflake	Navajo	5,644	6	59.2		87	7	27	26	51	0.69		0.18	0	6	9	10	11	sw.	William J. Flake.
Springerville	Apache	6,862	3	54.2		78	23	27	25	47	1.54		0.45	0	7	17	1	12	sw.	U. S. Forest Service.
Supai	Coconino	3,200	7	73.4		97	5†	44	24	34	0.37		0.31	0	2	17	8	5		Laura B. Symons.
Tempe	Maricopa	1,165	9	80.8		108	11	47	25	49	0.11		0.07	0	2	25	3	2	sw.	F. H. Simmons.
Thatcher	Graham	2,800	10	75.0	+ 1.3	101	1†	42	25	50	1.10	+ 0.16	0.65	0	2	12	18	0		J. H. Larson.
Thomas	Coconino	5,200	1								3.17		1.07	0	11	8	21	1	sw.	L. H. Thomas.
Tombstone	Cochise	4,550	18	73.6	+ 0.7	99	10	42	27	39	0.88	− 0.88	0.37	0	5	17	10	3	se.	Agent E. P. & S. W. R. R.
Truxton	Mohave	3,997	3								0.75		0.50	0	3	27	0	3	sw.	Truxton Canyon Indian Sch.
Tuba	Coconino	4,500	13	66.5	− 0.9	92	18†	35	26	46	0.62	+ 0.07	0.23	0	8	13	15	2	sw.	Ira E. Bell.
Tucson	Pima	2,390	33	78.0	− 2.3	102	10†	43	26	44	0.14	− 0.75	0.14	0	1	20	9	1	w.	University of Arizona.
Tucson (1)	do	2,380	5	71.8[d]		103	20			60[b]	0.17		0.17	0	1	20	10	0	sw.	Rev. James F. Record.
Tucson (2)	do	2,526	4	77.6		101	11	45	25	46	0.13		0.06	0	3	21	8	1	nw.	U. S. Coast & Geod. Survey.
Vail	do	3,421	14	70.4		98	20	40	26	52	1.50	+ 0.93	1.50	0	1	24	5	1		Agent Southern Pacific Ry.
Walnut Grove	Yavapai	3,649	20								0.50	− 0.22	0.25	0	3					J. O. Carter.
Wickenburg	Maricopa	2,072	15	78.4	+ 1.7	106	19	42	24†	49	0.32	− 0.25	0.30	0	2	19	0	11		Agent S. F. P. & P. Ry.
Willcox	Cochise	4,164	32	69.6	− 3.0	95	13	35	26	50	0.18	− 0.80	0.18	0	1	17	10	3	sw.	Agent Southern Pacific Ry.
Williams	Coconino	6,750	13	61.2	+ 1.1	89	19	27	27	49	1.65	+ 0.07	0.45	0	6	16	14	0		E. J. Nordyke.
Winslow	Navajo	4,855	9																	Winslow High School.
Yuma	Yuma	141	33	85.8	+ 1.9	112	11	57	29	42	0.00	− 0.16	0.00	0	0	30	0	0	sw.	U. S. Weather Bureau.
Yuma	do	150	6	80.3		109	11	46	29†	49	0.02		0.02	0	1	28	2	0	sw.	C. J. Wood.
Nevada.																				
Caliente	Lincoln	4,407	3	59.2		88	10	28	27	46	0.10		0.05	0	4	25	4	1		Salt Lake Route.
Las Vegas	Clark	2,033	11	76.4	+ 5.6	103	11	41	24	44	0.15	− 0.17	0.15	0	1	23	5	2	s.	C. P. Squires.
Logan	do	1,355	6	78.5		107	12	42	27†	47	0.21		0.20	0	2	27	3	0	s.	Orin W. Jarvis.

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

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

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Wyoming.																																	
Big Piney	Green								.85	.15	.05																					1.05
Daniel	do	.28						.20	.30	.40					.12						.20	.40	.20									2.10
Eden	do							T.	.20	.10				.05									.20		.02						.05	0.62
Green River	do							.05	.02	.05				T.	T.									.11	T.						T.	0.23
Pinedale	do	.02	.16	.06					.36	.47														.17	.30							1.54
Wamsutter	do		.02	.07			.03	.48	.01	.20					.07								T.							.02	.12	1.02
Willow Creek Cabin	do		.31	.35			.15	.25	.55	.61													.36	.36	.34							3.28
Colorado.																																	
Ashcroft	Grand	.03	.02	.02	.04	.27	.12	.03	.20	.37	.11	.05	T.		.07	.02	.18						.53	.09	.10		.09	.01	.03			2.38
Aspen	do																															
Blue Valley Ranch	Yampa	.12			T.	.24	.18	.21	.15	.03		T.				.20	.03						.26	.04	.01				T.			1.47
Cascade	San Juan	.42	.09	.05	T.	.09	.47	.15	.50	.35		.01											.94	.84	.01		.01	T.				3.93
Cedaredge	Gunnison		.07			.07		.18	.11														.44	.10								0.97
Cochetopa	do	T.		.25	.10	.20		.25	.23					.30									.30	.10			.20					1.93
Collbran	Grand	.14	.08	.05	T.			.55	.16	T.	T.	T.			.61	.01	.02						.76		.13	T.						2.51
Columbine	Yampa					.04				.06					.12	.03	.14						.13	.04								0.56
Columbine Ranch	Gunnison		.16				.26	.52	.16		.90												.65	.20								2.85
Cortez	San Juan																															
Crawford (near)	Gunnison	.09	.04	.01	.03	.04	.03	.05	.05	.07	.02												.92	.27	.05							1.67
Crested Butte	do	.08	.07				.05	.05	.22		.06	.20			.28								.75	.28			.13					2.17
Delta	do						.05		.08	.03													.70									0.86
Dillon	Grand	.04	.02		.10	.05	.06	.43	.23	.05	.02	.17			.04	.25	.14						.16	.02	.07				.11		.07	2.03
Durango	San Juan	.01	.33	.03	.09	.10	.08	.13	.63	.27						T.							.25	.24		.17	.07	T.				2.40
Eureka	do	T.	T.	T.	.12	.14	.80		T.		T.					T.							.17	.58	.16	T.					T.	1.97
Fraser ‖	Grand	.25	.03	.13	.38	T.	.10	.28	.02		.06		.25	.05		.56	.48							.24	.52				T.	.22		3.57
Fruita	do	T.	.02	T.	T.		T.	.02	.26			.09			.13								.68		.05							1.25
Glade Park	do	.25	T.	.25				.85	.03						.24								.55		.05							2.22
Gladstone	San Juan	.02	T.	.01	.91	.22	.07	.08	.40	.19	.04	.05	.01			.05							.68	.51	T.	.01		.21				3.46
Glenwood Springs (near).	Grand	.10	.11	.08	.16				.12	T.	.20					.20							.30	.35								1.62
Grand Junction	do	.05	.20	.31		T.	.04	.03	.02						.08	T.							.95	.02	T.							1.70
Grandlake	do		T.	T.					T.	.85		T.			.60	.15						T.	T.	.20	.20				.10			2.10
Grand Valley	do	.04	.14	T.	.05		.03	.28	.58	.03	.04	T.			.04								.64	T.	.20							2.07
Gunnison	Gunnison			.15	.30	.20		.01	.04														.58	.19								1.47
Hayden	Yampa	.05	.02	.11		.06	T.	.03	.38	.15		T.			.07								.82		.18							1.87
Hesperus (near)	La Plata	.10	.05			.62	.43	.64															.27	.30		.23						2.64
Horsefly	Gunnison	.12	.09	T.	.43	.50	.49	.45	.20			T.											.60	.52								3.40
Ironton	do			.12	.47	.23	T.	T.	.73	.18													.21	1.10				T.				3.04
Lake City	do	.01	.05	.19	.01	.33	.01	.10	.30	.06		.08				.02							.13	.46			.01	.03				1.79
Lay	Yampa		T.	.02				T.	.07		.10	T.			.10								.42									0.71
Mancos	San Juan	.10	.76	T.	1.35	.50	.60	.13				T.			T.					.15	.30	.20						.70	T.				4.79
Marble	Grand		.07			.09		.14	.17	.59		T.				.22							.84	.19	.30							2.61
Marshall Pass	Gunnison					.20			.30								.10							.30	.17				.16			1.23
Meeker (near)	White	.10	.12				.03		.40	.02	.12												.92	T.								1.71
Montrose	Gunnison	.04	.12					.07	.28	.07													.55	.11	.03							1.27
Nast	Grand		.52			.46	.21										.47						.20	T.	.60							2.46
Pagosa Springs	San Juan	.01	.09		.07	.31	.40	.05		.37		.02	.08			.04							.45	.67		.09	.06	.07			T.	2.78
Palisades	Grand	T.	.10	.15					.27		T.		T.		.09								.78	T.	T.							1.39
Paonia	Gunnison		T.			T.	T.	.10	.04	.07		.04			T.	T.							.80	.18	.04							1.27
Pitkin	do			T.	.11		.35			.09		.07											.35	*	.35	T.						1.32
Redcliff	Grand		T.			.70		.30	1.00	.20	.20			.02									.51	.30					.22			3.45
Redvale	San Miguel	.10							.60	.40													T.									1.10
Rico	Dolores	.11			.73	.13	T.	.06	.84			.45				.10			T.		.84		1.05				T.			T.		4.31
Rifle	Grand	.02	.12	.40	T.			.22	.07	.05	.07				.07	T.							.66	.01	.05							1.74
River Portal	Gunnison	T.	T.	T.	.59	.02	.19	.03	.08	.11					T.								.97	.31	.02							2.32
Sapinero (near)	do	.02	.07	.08	.01	.11	.08	T.	.45	.07		.03			.21								1.10	.43	.04		.02	.05				2.77
Shoshone	Grand			.04			.28	.04	.22	.18					.06	.12	.05						.58	.06	.08							1.71
Silverton (near)	San Juan	T.	T.	T.	.75	.20	.04	.05	.62	.19	.01	.03	T.			.02							.70	.55		T.		.14	T.			3.30
Spruce Lodge	Grand	.50	.43	T.	.59	.33	.05	.42	.26	.08		.21	.28		.27	.27	.37						.21	.06	.52				.63		.03	5.51
Steamboat Springs	Yampa	.27	T.	.12	.22		.32		.14	.30	.12	T.			.56								.76	T.	.20							3.01
Tacoma	San Juan		T.	.12	T.	.78	.35	.10	.60	.14						.08							.18	.60		T.	.23	T.				3.18
Telluride	San Miguel	.30	.05	.21	.12	.14	.33	.15	.26	.38		.11			.08	.06							.11	1.25				T.				3.55
Terminal Dam	San Juan	.14		.21		.38	.36	.20	.41	.39						.10							.50	.52	.03	.02	.28					3.54
Yampa (near)	Yampa	.20					T.	.25	.05														T.	T.	.35						.07	0.92
Utah.																																	
Bluff	San Juan																															0.00
Boneta	Green	.10	.12						.18	.24	.20		.05	.08										.18	.20							1.35
Canaan	Colorado	1.57	.16				.38	.06				.33											.46									2.96
Castle Dale	Green	.25	.40	.10			.10	.20	.30	.40																						1.75
Cisco	Grand																															
Dragon	Green	.04	.15	.13	.01		.01	.04	.68	T.													.05	.01								1.12
Duchesne	do	.08	.05	.14			T.	.23	.48	.02		T.			.13								.25	T.								1.38
Elkhorn	do	.20	.20	.16			.10	.10	.20	.05				.15	.25								.14	.36								1.91
Emery	Colorado							.10	.10	T.																						0.20
Escalante	do							.60	.20	.10																						0.90
Fort Duchesne	Green	T.	.07	.01			T.	.14	T.	T.					T.									.08	.06							0.36
Fruitland	do	.40	.43	.12			.17	.41		.41	T.			T.	.10								.45	T.	.10							2.59
Grayson	San Juan					.50	.06	.02	.42	.19			T.		.03									.17	.03							1.42
Green River	Green	.07						.09	.39						.06								.02									0.63
Hanksville	Colorado																															
Hite	do	T.	T.				.14	.34	T.						T.	T.							.14	T.	T.							0.62
Hurricane	do		.20																			.25	.45									0.90
Kanab	do	.25	.17	.15				.24							.35							.38										1.54
La Sal	Grand	.17	.24		.19	.17	.16	.33	.44	T.	.02		T.		T.							.25	T.	.05	T.							2.02
Leeds (near)	Colorado	.17	.08				.20	T.						T.	T.								.30	T.								0.75
Loa	do																															
Manila	Green		.23												.37								.13								.13	0.86
Moab	Grand	.03	.10				T.	.21	.57	.18	T.				.15								.54									1.78
Monticello	do																															
New Harmony	Colorado	1.14		.64													.32												.36			2.44
Orderville	do	1.10	1.13	.10		.25	.01	.09			.08				.08								.80									3.64
Pine Valley	do																															
Price	Green																															
Ranch	Colorado	.24	.79			.12																	.55									1.70
San Rafael	Green																															‡0.22
St. George	Colorado	.54	.04				.08	.08															.34									1.08
Scofield	Green		.12	.31			.04	.31	.04		.10		.04	.12	.24							.20	1.00	.30	.07							2.89
Springdale	Colorado																															

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

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Utah—Continued.																																	
Strawberry	Green	.12	.16	.64			.21	.15		.01					.15								1.04	.76									3.24
Teasdale	Colorado	T.	T.	T.			T.	.80	T.	T.																							0.80
Thompsons	Green	T.	.72				T.	.07	.04	.27					T.								.26										1.36
Tropic	Colorado	T.	.48	.29			T.	.38	T.		T.												.54										1.69
Trout Creek Ranger	Green																																
Vernal	do																																
Victor	do			.30	.34						.19								.08													.44	1.35
White Rocks	do		T.	T.		.15	.05		.30					T.	.04								T.	T.	T.								0.54
Woodside	do								.35																								0.35
New Mexico.																																	
Alma	Gila				T.	.04	.05	.30		T.	.04	.20	.02										.31	.23			*	.14				1.33
Aragon	do				.20	.25	.52	.20					T.										.40	.15								1.72
Aztec	San Juan				T.	.26	T.	T.	T.				T.										.01	*	.46	.34	.01					1.08
Berger's Ranch	Little Colorado	T.		T.	.28	.95	.42	.11	.56	.93		.30	.26		T.	.54							.34	.60		T.	T.					5.29
Blackrock	do																																
Bloomfield	San Juan				.20	T.	T.	.13	.05				T.										.37	.32		.50	.01					1.58
Cambray	Mimbres				.09				.09																.05	.05						0.28
Cliff	Gila							.20					.15										.40	.20								0.95
Columbus	Mimbres																						.05		.15							0.20
Crystal	San Juan	.17	.04	.29	T.	T.	.37	.30	.28	.18					.61	.01							.30	.60	.28							3.43
Deming	Mimbres																								.30	.22	.25					0.77
Dulce	San Juan				.14				.35	.40		.04											.30	.59								1.82
Fort Bayard	Mimbres		.03	T.	.02	.33	.07	.38	.08	T.														.17		.01	.09					1.18
Fruitland	San Juan						.37	.15	.52														*	.27			.11					1.42
Gage	Mimbres		.67		T.	T.	.25		.45															.10	.20			.10				1.77
Gila Planting Sta	do		.01	T.	T.	.41	.07	.15	.32	.12	T.	T.											T.	.32			.22	.01				1.63
G. O. S. Ranch	Gila																																
Hachita	do		.57		T.	.79			.03														.02	T.	.28	.23						1.92
Haynes	San Juan	T.		T.	.09	.20			.68	.17			T.										.35	.55		.25		.05				2.34
Hermanes	Mimbres		.25		.05	.75																			.47	.54						2.06
Lordsburg	Gila				.17		1.03																	.50								1.70
Luna	do	T.		.20	T.	.43	.22	.08	.16		T.		.35			T.								.27	.39							2.10
Mimbres	Mimbres				.33	.78	.77																	.45		.21	.42					2.96
Pinos Altos (near)	Gila					.28	.20	.56	.83	.50														.58	1.49		.25					4.69
Pratt	do	.05		.05	.15	.02							.23											.13								0.63
Putnam	San Juan																																
Redrock	Gila			.02	.08	T.				.04	.07	.28	T.									T.	.02	.34			.38					1.23
Rodeo	do		.05		.25		.98	.10				.05												.94								2.37
Silver City	Mimbres		.01		.30	.06	.29	.15	.08	T.		.02	.03										.04	.11								1.09
Arizona.																																	
Allaires Ranch ‖	Sonora	.10	.10		.47	.01	.09					.56																					1.33
Alpine	Gila		.15	.30	.67	.61	.06	.04	.24				.08										.78	.42	.30		T.						3.65
Ashfork	Verde		.50				.40																										0.90
Aztec	Gila	.25																															0.25
Benson	San Pedro	.39	.15	T.			.12																										0.66
Bernardino	Sonora				T.	.12	.21					T.																					0.33
Bisbee	San Pedro	.30	.10				.20																	.04									0.64
Blue	Gila			.22			.20	.35	.30	.22		T.											.36	.20	.25								2.10
Bonita	do		.85		.05																		.08										0.98
Bowie	do					.06							.37											.21	.08								0.72
Buckeye	do	T.				T.	.12																										0.12
Canille	San Pedro	.36	.06	T.	.03	.04	.06	.06																	T.								0.61
Casa Grande ‖	Gila																											.05					0.05
Casa Grande Ruins	do											T.											T.	T.									T.
Cave Creek (near)	Desert	2.85					.47																.28										3.60
Chandler	Salt	.03					.03	.12					.23																				0.41
Chin Lee	Little Colorado	.08		T.		T.	.08	.19	.20						.16	.05							T.	.37									1.13
Chiarsons Mill	Gila	.01	.61		.01	.37	.43	.22		.33													.53										2.51
Clifton	do				.30	T.	.05					T.	.12										.03				.12						0.62
Cline	Salt																					.67											0.67
Cochise	Desert				.18																												0.18
Columbia	Agua Fria	.20	.30																				.50										1.00
Cornville	Verde														.12							.30	.13										0.55
Courtland	White	.12	.25		.24		.35	.55																	.25								1.76
Don Luis	San Pedro	.30	.10	T.	T.	.15	.45	T.	T.																.05								1.05
Dos Cabezos	Desert	.06	.21	.20	.30	.42	.05																										1.24
Douglas	Sonora	.11	.24		.02	.16	T.	T.	T.														.04		T.								0.57
Dudleyville	Gila	.02	.18									T.											.12	.22									0.54
Elgin	San Pedro	.26	.05		.02	.70	.10																										1.13
Fairbank	do	.23	.04			.25	.20				.02														.09								0.83
Flagstaff	Little Colorado	.14			.01	.21	.15	.02	.01	.34	.47		.01	.04	.12								.12	.25									1.89
Flagstaff (1)	do	.08	.18		.02	.37	.03		T.	.09	.04	T.	.31	T.	.17								.46	.06	.06								1.87
Florence	Gila						.65																										0.65
Fort Apache	Salt	.02				.13	.19	.03					.01									.20	.01	.01									0.60
Fort Huachuca	San Pedro	.32	.42	.05		.05	.07	.13																									1.04
Fort Mohave	Colorado																																
Gila Bend	Gila																																0.00
Globe	Salt							.23	.52														.14	.01									0.90
Grand Canyon	Colorado	.50																					T.	T.	T.								0.50
Grand Canyon (1)	do	.12	.02					T.			T.					.03								T.									0.32
Granite Reef Dam	Salt						1.40					.19											.03										1.62
Greer ‖	Little Colorado				.29	.39		.42		.98		.48											.77			.14							3.47
Hackberry	Colorado	.03	.05			T.	.14	T.	T.				.05	.28								.04											0.59
Hereford	Gila						.52	.05																									0.57
Holbrook	Little Colorado						.30																.83										1.13
Indian Oasis	Desert																																
Intake	Gila					.10	1.25															.35											1.70
Jerome	Verde	.55	.39				.30									.82							.32										2.38
Keams Canyon	Little Colorado																																
Kingman	Colorado					.20	T.							.15																		T.	0.35
Lakeside	Little Colorado	.96	T.			T.	T.	T.		.15		.07			T.								.56	.12		T.							1.86
Lewis Springs	San Pedro	.40																															0.40
Lowell Observatory	Little Colorado																																
McNeal	White	.22	.11			.12		.11																	.03		T.						0.59
Maricopa	Gila				T.	.05																	.05										0.10

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

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Arizona—Contd.																																	
Marinette	Agua Fria	.35				.07																											0.42
Moccasin	Colorado																																
Mohawk Summit	Gila																																0.00
Naco	San Pedro	.23	.10		.14	T.																											0.47
Natural Bridge	Verde	1.52			T.		.30	.50															.58										2.90
Nutrioso	Little Colorado																																‡2.50
Oracle	San Pedro		.05					.55				.03																					0.63
Osborn	do		.33																	T.													0.33
Paradise	Desert		.59	.04		.69	.13	.19	.13															T.	.24	.10							2.11
Parker	Colorado														.01							.12											0.13
Payson	Verde	1.40				.89	.04																.40	T.									2.73
Pearce	Desert	.04	.03		.25	T.	.06																T.	T.	T.								0.38
Phoenix	Salt	T.			T.	.10		T.															.03										0.13
Phoenix	do						T.															.21											0.21
Phoenix (2)	do	T.					.04	T.															T.										0.04
Pinal Ranch‖	Gila					.05	.11	.05																									0.21
Pinedale	Little Colorado						.60	.20	.16	.16													.41										1.53
Pinto	do					.37	T.	.10		T.	T.	T.	T.	T.							T.	T.	.50	.18									1.15
Prescott	Hassayampa	1.01	.02			.73	.37	.13			.03	.02		.06	T.	T.							.27									T.	2.64
Prescott Dry Farm	Verde	1.20				1.10				.30													.50										3.10
Quartzsite	Colorado							.10							.05																		0.15
Redrock	Santa Cruz	.28				.25																											0.53
Rice	Gila																																
Roosevelt	Salt					.20																	.14										0.34
Sacaton	Gila					.04																											0.04
St. Johns	Little Colorado		T.	T.		2.25		.45								.07						.35											3.12
St. Michaels	do	T.		T.	.12	.08	.45	.50	.05	.12	.08	T.	.12		1.30								T.	.48		.20							3.50
Salome	Colorado		.81				.14															.10											1.05
San Simon	Gila												T.										.90										0.90
Seligman	Verde	.06	.04				T.	.40					T.		T.						T.	T.											0.50
Sentinel	Gila	.08																															0.08
Silverbell	Santa Cruz																																
Snowflake	Little Colorado			.10	.03		.10	.13			T.	T.		T.										.15	.18								0.69
Springerville	do	.40		.08	.15	.08																	.45		.20	T.	.18						1.54
Supal	Colorado	.31	.06																														0.37
Tempe	Salt	.04				T.	.07	T.															T.										0.11
Thatcher	Gila		.65			.45		T.												T.													1.10
Thomas	Verde	1.07	.01		.35	.03	.82	.15	.13		.20	.01	.36		.04							T.		T.								T.	3.17
Tombstone	San Pedro	.37	.08			.20	.18		.05																								0.88
Truxton	Colorado	.50					.15							.10																			0.75
Tuba	Little Colorado	.07	.12	.02	.13	.01		.23	.01						.03																		0.62
Tucson	Santa Cruz						.14					T.																					0.14
Tucson (1)	do							.17																									0.17
Tucson (2)	do	.01	T.			.06	.06	T.																									0.13
Vail	do						1.50																										1.50
Walnut Grove	Hassayampa						.10	.15														.25											0.50
Wickenburg	do						.02														.30												0.32
Willcox	Desert		.18			T.																											0.18
Williams	Colorado		.45			.34					.24		.07		.28							.27											1.65
Winslow	Little Colorado																																
Yuma	Colorado																																0.00
Yuma (1)	do	.02													T.																		0.02
Nevada.																																	
Caliente	Colorado	.02	.01											.02									.05										0.10
Las Vegas	do												.15	T.																			0.15
Logan	do	.20												.01																			0.21

* 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 September, 1913. District No. 9, Colorado Valley.*

Date.	Wyoming.				Colorado.										Utah.										New Mexico.			
	Daniel.		Green River.		Durango.		Grand Junction.		Gunnison.		Meeker.		Steamboat Springs.		Emery.		Hite.		Moab.		St. George.		Fort Duchesne.		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	70	44	80	53	72	53	84	63	70	49	71	48	74	44	80	45	90	73	92	64	84	64	89	50	80	56	80	51
2	67	38	81	55	72	47	81	63	72	45	73	48	72	39	81	42	89	72	90	63	87	64	83	57	80	48	76	54
3	66	38	75	56	77	50	82	59	71	47	.....	.....	74	44	80	41	93	65	91	57	91	65	70	58	79	55	79	53
4	75	34	82	55	80	48	84	56	71	49	.....	.....	81	37	82	49	95	63	93	53	95	56	82	57	82	54	76	52
5	78	36	86	50	77	55	84	64	70	48	.....	.....	76	43	81	45	96	69	94	56	95	57	87	62	78	58	74	53
6	78	40	86	54	79	53	80	64	70	46	75	47	80	43	82	43	86	67	91	58	96	65	84	53	79	56	70	52
7	61	41	83	58	78	56	79	61	75	42	75	49	79	51	81	42	79	63	80	60	91	64	76	56	80	53	73	50
8	60	49	77	58	69	53	70	59	70	44	73	46	77	48	80	40	87	63	83	61	93	59	75	60	73	58	73	55
9	67	41	79	55	72	47	80	57	73	46	65	45	70	44	82	45	90	63	87	55	96	63	74	59	77	48	74	52
10	71	29	83	45	79	44	83	56	74	48	71	37	76	35	83	46	93	66	90	53	98	54	83	48	81	48	81	53
11	74	33	84	46	78	43	83	54	69	49	76	36	75	34	80	43	95	61	88	49	100	55	83	42	81	48	80	54
12	75	31	81	46	75	42	86	54	70	36	77	38	78	30	81	45	94	60	92	49	101	57	80	43	81	52	74	51
13	72	31	75	55	75	41	83	55	73	31	78	36	79	32	82	43	91	63	92	55	81	57	80	43	77	46	73	41
14	68	40	78	51	71	44	72	58	74	39	70	44	62	39	80	43	90	67	87	59	90	55	80	44	73	46	75	41
15	63	29	75	54	73	42	78	49	76	42	70	37	69	37	80	40	90	58	85	52	96	56	82	43	76	44	81	49
16	66	26	74	.....	77	42	73	51	70	49	62	31	70	32	78	41	84	64	79	53	96	51	84	53	78	42	82	51
17	73	29	79	.....	74	38	80	43	72	23	71	27	73	22	81	43	89	59	85	40	96	50	89	50	83	37	79	53
18	69	26	81	42	79	37	83	48	72	23	72	31	78	26	82	42	91	50	91	40	94	41	79	41	83	35	81	42
19	69	31	73	47	81	40	82	46	69	24	65	33	68	33	80	42	95	56	89	45	97	44	79	42	86	37	87	52
20	73	31	77	52	76	37	80	46	74	32	70	24	73	18	81	40	91	56	87	41	99	44	90	55	83	37	83	49
21	61	27	82	34	79	35	78	47	71	41	77	28	77	19	80	39	90	53	85	38	94	48	76	45	86	32	81	44
22	37	21	49	47	65	45	66	43	63	39	65	32	60	33	78	38	87	61	77	51	86	56	89	46	76	49	78	52
23	38	19	50	35	45	34	54	37	40	30	45	25	43	23	75	38	65	45	70	37	72	49	70	45	51	35	71	53
24	43	31	49	35	52	29	54	38	48	26	46	30	46	29	72	39	69	42	66	36	72	35	69	32	59	33	69	45
25	52	15	56	.....	49	29	62	41	52	21	52	26	54	18	75	35	70	51	69	45	75	40	.....	.....	53	33	66	42
26	68	21	68	.....	51	33	68	38	54	21	60	21	63	18	71	32	76	47	76	34	78	38	.....	.....	60	36	62	34
27	66	27	71	.....	61	33	69	40	62	23	60	25	63	21	73	35	79	44	77	56	85	35	.....	.....	64	39	60	31
28	69	27	72	.....	68	31	75	42	60	24	64	32	64	33	73	36	85	45	83	38	85	38	76	45	71	39	73	36
29	67	21	57	.....	68	32	78	47	65	20	72	25	72	21	71	30	83	44	83	38	86	38	77	46	78	39	78	41
30	55	29	57	.....	71	36	74	45	67	26	60	39	68	31	72	31	82	52	82	44	80	43	74	44	81	40	78	42
Mns.	65.0	30.8	73.1	48.4[b]	70.8	41.6	76.2	50.8	67.2	36.1	67.2[c]	34.8[c]	69.8	32.6	78.6	40.4	86.5	58.1	84.5	49.3	89.6	51.4	80.0[c]	48.9[c]	75.6	44.4	75.6	47.6

Date.	Arizona.																				Logan, Nev.	
	Douglas.		Flagstaff.		Fort Apache.§§		Grand Canyon.		Parker.		Phoenix.		Prescott.		St. Michaels.		Tucson.		Yuma.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	89	49	63	51	76	48	80	46	101	73	94	71	69	53	69	47	88	62	99	73	89	71
2	88	56	69	48	84	47	82	44	101	68	94	67	74	50	77	43	87	61	99	70	94	65
3	90	48	70	49	86	53	80	46	101	65	95	69	78	49	78	53	92	58	101	70	97	66
4	90	54	75	44	84	51	80	44	108	68	99	72	82	48	80	50	94	64	105	68	103	67
5	90	50	72	50	82	49	82	46	110	69	100	76	80	53	71	55	94	74	106	71	104	68
6	88	51	64	49	79	47	82	48	109	76	95	73	75	52	70	52	92	66	104	75	97	76
7	90	49	69	48	77	50	82	50	110	75	94	69	76	51	75	53	93	65	103	74	98	68
8	93	55	71	43	82	52	80	48	108	71	99	72	78	50	69	54	96	67	106	75	99	68
9	96	52	71	44	84	48	80	46	110	70	100	74	81	52	71	46	98	69	108	72	102	65
10	95	52	74	43	89	48	78	44	110	73	103	72	82	51	80	45	102	66	109	73	104	60
11	93	55	74	44	90	47	80	46	112	73	104	75	83	48	80	45	102	70	112	74	105	74
12	86	58	76	48	85	48	80	46	112	73	101	76	85	54	76	46	97	75	108	78	107	72
13	86	52	71	45	80	47	82	44	112	62	97	75	78	50	75	43	94	71	107	79	95	72
14	89	41	70	47	80	44	82	46	113	58	97	71	78	51	71	45	93	64	104	77	94	67
15	91	40	69	41	85	44	82	44	108	60	97	67	78	53	72	42	95	59	104	71	101	62
16	93	43	72	41	89	45	80	46	109	60	103	68	82	46	72	45	99	59	108	71	98	61
17	88	56	74	43	87	44	78	46	110	60	102	70	86	44	79	34	99	63	108	78	100	65
18	95	52	78	38	85	45	78	42	112	55	103	72	83	46	80	38	101	70	108	72	102	61
19	95	50	80	39	92	44	76	40	110	60	103	68	87	45	80	45	99	62	108	68	102	57
20	89	46	80	39	89	68	78	44	111	60	100	71	88	46	82	38	100	64	105	72	104	58
21	96	41	77	40	89	55	76	44	111	60	102	72	84	50	81	38	101	69	106	76	100	58
22	89	51	67	51	85	55	68	40	105	60	96	71	76	54	69	56	97	72	102	78	95	59
23	79	55	55	33	78	41	48	25	90	60	89	66	69	50	.....	32	92	73	92	68	88	59
24	87	53	56	28	80	50	55	26	88	42	83	56	65	31	.....	28	83	59	88	61	78	46
25	80	39	52	28	78	46	60	28	85	44	82	49	61	31	.....	40	80	48	87	58	79	54
26	70	36	53	32	69	40	66	34	92	48	84	59	64	32	.....	45	74	43	91	62	84	49
27	75	37	65	27	70	44	70	36	92	44	84	61	72	32	.....	30	85	59	93	58	89	42
28	79	29	68	31	78	45	68	38	96	44	89	56	74	35	55	35	89	52	97	57	92	42
29	89	32	66	32	80	36	72	40	98	52	93	57	74	37	58	36	92	48	99	57	92	50
30	88	37	63	29	80	36	76	40	88	42	87	60	71	36	66	33	91	52	89	58	85	50
Means	88.2	47.3	68.8	40.8	82.4	47.2	75.4	41.9	104.1	60.8	95.6	67.8	77.1	46.0	73.4[c]	43.1	93.3	62.8	101.9	69.8	95.9	61.1

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