CLIMATOLOGICAL DATA FOR MAY, 1911.

DISTRICT NO. 8, TEXAS AND THE RIO GRANDE VALLEY.

BERNARD BUNNEMEYER, District Editor.

GENERAL SUMMARY.

The weather during May was generally dry and clear and the mean temperature for the district as a whole was about normal. In portions of New Mexico and in the southeastern half of Texas the mean temperatures ranged from 1° to 3° below normal, while in the remaining portions of the district there was a corresponding excess. The rainfall was generally deficient, except in the Pecos drainage area and locally along the Gulf coast and in that portion of Texas lying between the Rio Pecos and Rio Grande, and it was much less than in the preceding month or in the corresponding month of 1910. So far as Texas is concerned there has been but one May, that of 1896, which averaged less precipitation. Washouts occurred in extreme west Texas on the Southern Pacific Railroad, which delayed traffic, but the principal precipitation feature was an exceptionally heavy rainfall at Matagorda, Tex., on the 1st, of which special mention is made elsewhere in this summary. The month was rather free from thunderstorms which are so frequently accompanied by hail or heavy local rains, but the wind movement was comparatively large.

As there was much moisture in the ground from the heavy rains of the preceding month, the dry weather was generally favorable for field work, although the need of more moisture was beginning to be felt before the close of the month, especially in the northern and north-central portions of Texas, which showed a deficit of precipitation in April. The moisture was well distributed as to time, but poorly as to place. In general, precipitation occurred in Colorado and New Mexico from the 6th to 8th, 13th to 15th, 19th and 20th, and 25th to 31st, and in Texas from the 1st to 3d, 10th to 21st, and 26th to 29th, but it was more or less scattered in all portions of the district. The number of days with 0.01 inch or more of precipitation averaged six in Colorado and four in New Mexico and Texas.

The greatest and least monthly amounts of precipitation in Colorado were 1.30 inches at Platoro and 0.11 inch at Saguache; in New Mexico, 4.45 inches at Liston and none at Gallinas, Glorieta Ranch, Noria, Rincon, and Strauss; and in Texas, 19.09 inches at Matagorda and none at Brady and Dublin. At seven other stations in New Mexico and three in Texas the amounts were too small to be measured. Heavy precipitation of 2.50 inches or more in 24 consecutive hours occurred at six stations in Texas, principally in the coast counties, the heaviest being 15.71 inches at Matagorda on the 1st.

Light snow occurred on the 19th or 20th at the higher northern stations in the upper reaches of the Rio Grande and Rio Pecos. The heaviest monthly snowfall in Colorado was 1.5 inches at Cumbres, and in New Mexico 2.5 inches at Harveys Upper Ranch. These amounts are much smaller than those reported for the corresponding month of the previous year.

TEMPERATURE.

The mean temperature for the district was practically normal. As a rule the days were warm and the nights cool and there was but little change in the temperature from day to day, except near the end of the month, when unusually warm weather occurred in many portions of the district. The highest temperatures, which broke all previous records for May in many localities, were generally recorded on the 30th or 31st and the lowest on the 1st, although in some sections the extremes occurred on other days. The average diurnal range of temperature varied from about 9° on the Gulf coast to about 40° in the extreme northern portions of the district.

Killing frosts occurred quite generally on the 1st and 11th at the higher altitudes in New Mexico and at a few very high northern stations as late as the 27th, and considerable damage resulted to gardens, fruit, and tender vegetation. There was no frost or very little in the southern portion of New Mexico and practically none in the Texas area.

The highest and lowest temperatures reported were: In Colorado, 80° at Garnett on the 30th and at Saguache on several dates and 13° at Hermit on the 1st and 11th; in New Mexico, 103° at Alamogordo on the 24th and 18° at Red River Canyon on the 11th; and in Texas, 105° at Graham and Grapevine on the 31st and 34° at Plainview on the 1st. The local monthly means ranged from 44.6° to 53.4° in Colorado; from 47.4° to 71.6° in New Mexico; and from 64.4° to 81.0° in Texas.

PRECIPITATION.

The precipitation over the Rio Grande watershed was generally deficient and considerably less than reported for April. The average for the entire drainage area was only 0.69 inch. In a few localities in Colorado and New Mexico and over a considerable stretch south of El Paso, Tex., the monthly amounts exceeded the normal. The greatest monthly precipitation was 5.80 inches at Marathon, Tex., but this was an exceptionally heavy amount for that locality. Of the remaining stations in the watershed about 80 per cent had less than 1 inch and among them were 11 stations, all in New Mexico, that received either no moisture or inappreciable amounts only.

Good showers occurred over nearly the entire Rio Pecos drainage area, although in a few localities the amount of precipitation was less than normal, while Gallinas, N. Mex., received no moisture. The greatest monthly amount was 4.45 inches at Liston, N. Mex., and 62 per cent of the reporting stations showed amounts ranging from 1 to 3 inches. The average for the watershed was 1.55 inches, which, while less than the amount reported for April, exceeds the normal by about 0.50 inch.

The precipitation over the Texas watersheds was decidedly less than normal and averaged only about 37

per cent of the April precipitation. The deficiency in general was greatest in the upper portions of the drainage areas and decreased southward until amounts were reached in some of the lower valleys and portions of the coastal plains that were greater than normal. There was practically no precipitation at Brady and Knickerbocker in the Colorado watershed nor at Claytonville, Eastland, and Dublin in that of the Brazos. The greatest monthly amount was 19.09 inches at Matagorda on the immediate Texas coast, and the next greatest was 8.10 inches at La Parra in Cameron County. From several other localities near the coast amounts of over 5 inches were reported, but notwithstanding, the average for the coastal plains was only about normal. The following are the average monthly amounts in inches for the various watersheds: Nueces, 1.36; San Antonio, 2.20; Guadalupe, 2.63; Lavaca, 2.93; Colorado, 1.57; Brazos, 1.59; Trinity, 1.42; Neches, 2.40; Sabine, 1.66; and coastal plains, 4.01.

RIVER CONDITIONS.

The Rio Grande was higher than usual during May. In its upper reaches the excess was slight, but from central New Mexico southward the stream was from 1 to 2 feet higher than the average for the last five years. The Rio Pecos also had a good flow, and there was an abundant supply of water in both streams for irrigation and storage.

The Texas streams were unusually low during the month. At the opening of the month there was still a good flow in the lower portions of the streams from the heavy rains in April, but they were falling, and before the month closed they showed a decided deficiency of water.

AN EXCESSIVE DOWNPOUR OF RAIN AT MATAGORDA, TEX.

From 9 p. m. April 30 to 7 a. m. May 1 the heaviest rainfall in Texas ever recorded for May occurred during a severe thunderstorm at Matagorda, which is located on Matagorda Bay near the mouth of the Colorado River. The time of precipitation covered 10 hours and the amount was 15.71 inches, or at the rate of 1.57 inches per hour. The total for the month was 19.09 inches. The flood waters stood about 1 foot deep on the top of the road grade, and about 30 head of cattle were drowned during the storm within 6 or 7 miles of Matagorda. Several houses were struck by lightning. Mr. W. E. McNabb, cooperative observer of this service at Matagorda, measured the precipitation very carefully and the measurement was subsequently verified. So far as the records show this downpour has been exceeded but once in Texas, which was at Fort Clark June 14–15, 1899, when 18 inches fell in 21 hours 30 minutes. The previous heaviest precipitation in May occurring in 24 consecutive hours was 8.50 inches at Liberty in 1907.

While exceptionally heavy precipitation is liable to occur during any month of the year, it is less so during the colder season than during the warm months. The following is the heaviest 24-hour precipitation on record for each month: For January, 7.13 inches at College Station in 1896; February, 5.55 inches at Danevang in 1907; March, 6.20 inches at Liberty in 1905; April, 9.23 inches at Galveston in 1904; May, 15.71 inches at Matagorda in 1911; June, 18 inches at Fort Clark in 1899; July, 14.28 inches at Galveston in 1900; August, 12.41 inches at Kaufman in 1908; September, 10 inches at Brazoria in 1900; October, 14.10 inches at Galveston in 1901; November, 6.87 inches at Beaumont in 1902; and December, 7.75 inches at Rockland in 1904.

MISCELLANEOUS.

Cundiyo, N. Mex.—The frost of the 11th and 21st killed nearly all the fruit that was in blossom, also some vegetables, young corn, and wheat. The streams are carrying plenty of water.

Harveys Upper Ranch, N. Mex.—Considerable snow remains in the mountain gulches and water is abundant.

Big Springs, Tex.—May was the driest month of that name in 12 years, but the farmers say that the crops are not suffering for rain.

Marfa, Tex.—The total precipitation for the month was 2.95 inches. This is the best rainfall that has occurred for years in this county.

Temple, Tex.—Corn is in need of rain and oats are suffering from rust. The highest temperature of the month was 102° on the 31st, which is the warmest for May since the records began in 1889.

TABLE 1.—*Climatological data for May, 1911. District No. 8, Texas and Rio Grande Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers
				Mean.	Departure from the normal.	Highest.	Date	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Colorado.																				
Blanca	Costilla	7,865	2	50.2	.....	77	30	17	11	48	0.59	.....	0.16	1.0	9	9	22	0	sw.	Dr. L. C. Audrain.
Cumbres	Conejos	10,015	4	.....	.....	.....	.....	.....	.....	.....	1.21	.....	0.34	1.5	8	11	18	2	sw.	Mrs. I. M. Lively.
Garnett	Costilla	7,576	18	51.2	+ 2.5	80	30	20	11	51	1.00	+ 0.26	0.60	0	3	13	15	3	sw.	Chas. Speiser.
Hermit	Hinsdale	9,843	4	.....	.....	.....	.....	13	1†	.....	0.93	.....	0.31	T.	7	8	9	14	.....	Marion Mason.
La Veta Pass	Costilla	9,000	1	.....	.....	.....	.....	.....	.....	.....	1.17	.....	0.30	0.5	7	10	14	7	w.	Clara M. Wright.
Manassa	Conejos	7,700	5	51.0	.....	79	30	19	11	48	0.38	.....	0.20	1.0	3	11	13	7	sw.	J. B. Chapman.
Platoro	....do	9,875	4	.....	.....	.....	.....	.....	.....	.....	1.30	.....	0.33	T.	9	21	6	4	sw.	Walter R. Hook.
Saguache	Saguache	7,740	19	53.4	+ 2.0	80	4†	20	5	60	0.11	− 0.66	0.11	0	1	12	6	13	w.	Eugene Williams.
San Luis	Costilla	7,794	20	51.0	+ 1.3	78	31	22	11	46	0.73	− 0.46	0.24	1.0	8	13	16	2	sw.	P. B. Albright.
Wagon Wheel Gap Experiment Station.	Mineral	9,235	....	44.6	+ 2.2	66	30	22	11	36	0.65	− 0.38	0.31	T.	6	16	12	3	s.	U. S. Weather Bureau.
New Mexico.																				
Agricultural College	Dona Ana	3,863	49	68.8	− 1.5	96	30	35	1	50	0.10	− 0.14	0.07	0	2	10	21	0	sw.	N. M. Agricultural College.
Alamogordo (near)	Otero	4,338	10	69.0	+ 1.1	103	24	31	21	54	0.94	+ 0.73	0.49	0	4	14	13	4	sw.	Charles Sutton.
Alamogordo	....do	4,320	2	.....	.....	.....	.....	.....	.....	.....	0.41	.....	0.25	0	2	.....	.....	.....	.....	Agent, E. P. & S. W. R. R
Alamos Ranch	Sandoval	7,800	....	.....	.....	.....	.....	.....	.....	.....	0.62	.....	0.22	0	6	23	4	4	sw.	Harold H. Brook.
Albuquerque	Bernalillo	5,000	35	.....	.....	.....	.....	.....	.....	.....	0.28	− 0.11	0.24	0	2	26	4	1	s.	Pitt Ross, C. E.
Ancho	Lincoln	6,112	2	.....	.....	.....	.....	.....	.....	.....	0.02	.....	0.02	0	1	.....	.....	.....	.....	Agent, E. P. & S. W.. R. R.
Artesia	Eddy	3,350	4	69.8	.....	94	9	42	1†	41	0.62	.....	0.40	0	4	20	5	6	se.	Will Benson, C. E.
Aspen Grove Ranch	Rio Arriba	9,000	2	.....	.....	.....	.....	.....	.....	.....	0.33	.....	0.21	2.1	3	12	19	0	.....	Junius D. Maupin.
Batemans Ranch	....do	8,900	2	.....	.....	.....	.....	.....	.....	.....	0.79	.....	0.51	0.8	4	17	13	1	w.	John W. Bateman.
Bluewater	Valencia	6,732	9	54.3	.....	84	23	19	11†	58	0.32	.....	0.20	0	3	15	12	4	s.	Bluewater Development Co.
Boaz	Chaves	4,154	2	66.2	.....	91	18†	38	1	42	3.12	.....	1.84	0	6	16	9	6	se.	D. C. Savage.
Capitan	Lincoln	6,348	2	.....	.....	.....	.....	.....	.....	.....	1.00	.....	0.90	0	2	0	27	4	s.	Agent, E. P. & S. W. R. R.
Carlsbad	Eddy	3,120	16	71.6	− 0.1	96	9	45	1	43	1.35	+ 0.81	0.70	0	5	23	3	5	se.	U. S. Reclamation Service.
Carrizozo	Lincoln	5,429	3	66.1	.....	90	27†	41	21	44	T.	.....	T.	0	0	26	5	0	sw.	Agent, E. P. & S. W. R. R.
Carson Park	Taos	7,650	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Lester S. Myers.
Chama	Rio Arriba	7,851	12	50.2	0.0	75	30	23	16†	43	0.49	− 0.80	0.18	0	4	21	10	0	sw.	Frank C. Johnson.
Cloudcroft	Otero	8,650	8	52.1	.....	73	28	24	1	38	T.	.....	T.	0	0	27	1	3	sw.	Agent, E. P. & S. W. R. R.
Corona	Lincoln	6,666	2	.....	.....	90	28†	.....	.....	.....	0.48	.....	0.26	0	3	22	7	2	w.	Do.
Coyote	....do	5,800	2	.....	.....	.....	.....	.....	.....	.....	0.26	.....	0.13	0	3	23	5	3	sw.	Do.
Cundiyo	Santa Fe	6,889	2	.....	.....	.....	.....	.....	.....	.....	0.42	.....	0.14	0	4	19	3	9	w.	Teofilo Vijil.
Demonstration Farm	San Miguel	6,800	2	.....	.....	.....	.....	.....	.....	.....	2.50	.....	0.50	0.2	9	.....	.....	.....	.....	Erb & Westerman.
Duran	Torrance	6,272	2	.....	.....	.....	.....	.....	.....	.....	0.33	.....	0.23	0	2	22	7	2	.....	Agent, E. P. & S. W. R. R.
Elk (near)	Chaves	7,400	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Boyd Williams.
Escondido	Otero	4,014	2	.....	.....	102	23	.....	.....	.....	0.74	.....	0.48	0	4	25	4	2	se.	Agent, E. P. & S. W. R. R.
Espanola	Rio Arriba	5,590	13	60.4	+ 2.1	84	24†	29	11	43	0.59	− 0.31	0.28	0	4	23	6	2	s.	Mrs. E. F. McBride.
Estancia	Torrance	6,140	6	55.2	.....	80	2†	30	10†	47	0.33	.....	0.16	0	4	18	12	1	e.	Agent, N. M. Central R. R.
Fort Stanton	Lincoln	6,231	33	58.1	− 1.0	86	25	27	21	56	0.75	+ 0.05	0.31	0	6	24	6	1	se.	United States Sanitarium.
Fort Sumner	Guadalupe	3,960	3	65.7	.....	87	30	40	1	33	1.73	.....	1.11	0	4	22	6	3	sw.	F. A. Manzanares.
Gallinas	Lincoln	6,635	2	.....	.....	.....	.....	.....	.....	.....	0.00	.....	0.00	0	0	16	7	8	w.	Agent, E. P. &. S. W. R. R.
Gallinas Planting Sta	San Miguel	7,500	4	53.2	.....	80	24	23	1	43	2.54	.....	0.64	0	10	17	8	6	w.	U. S. Forest Service.
Glorieta Ranch	Socorro	5,700	1	.....	.....	.....	.....	.....	.....	.....	0.00	.....	0.00	0	0	26	5	0	s.	Chas. M. Crossman.
Harveys Upper Ranch	San Miguel	9,400	2	.....	.....	.....	.....	.....	.....	.....	2.70	.....	0.61	2.5	10	13	13	5	se.	Simon B. Warner.
Hillsboro	Sierra	5,224	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. F. I. Givens.
Hodges	Taos	8,484	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Austin Porter.
Hondo Reservoir	Chaves	3,904	2	67.2	.....	93	9	39	1	46	3.04	.....	1.39	0	6	21	7	3	se.	U. S. Reclamation Service.
Hope	Eddy	4,000	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. W. Board
James Springs	Sandoval	6,100	1	58.6	.....	80	24	33	11	37	0.87	.....	0.50	0	7	11	13	7	sw.	Linus L. Shields.
Knowles (near)	Eddy	4,300	1	68.2	.....	94	31	38	1†	44	0.68	.....	0.48	0	2	20	7	4	se.	J. W. Mosley.
Laguna	Valencia	5,840	6	62.1d	.....	89	17	33	23	55	0.15	.....	0.15	0	1	.....	.....	.....	w.	Gus Weiss.
Lagunita	Guadalupe	4,500	6	63.2	.....	88	24	34	1†	46	0.25	.....	0.13	0	2	21	5	5	s.	P. A. Turnbull.
Lake Valley	Sierra	5,412	6	.....	.....	.....	.....	.....	.....	.....	T.	.....	T.	0	0	17	14	0	sw.	Wm. P. Keil.
Las Vegas	San Miguel	6,384	24	57.3	0.0	81	24†	30	11	43	2.41	+ 0.51	0.55	1.0	11	19	10	2	sw.	N. M. Normal University.
Liston	Chaves	5,000	1	.....	.....	.....	.....	.....	.....	.....	4.45	.....	2.12	0	7	15	15	1	s.	H. G. Liston.
Los Lunas (near)	Valencia	4,900	21	63.8	+ 0.1	91	24	32	11†	52	T.	− 0.79	T.	0	0	22	9	0	.....	Richard Pohl.
Magdalena	Socorro	6,557	6	58.9	.....	87	25	28	1†	50	T.	.....	T.	0	0	23	8	0	w.	Wm. Pender.
Mescalero	Otero	6,475	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Rev. R. H. Harper.
Mineral Hill	San Miguel	7,050	6	.....	.....	.....	.....	.....	.....	.....	3.72	.....	0.91	0	8	4	25	2	sw.	W. M. Nelson.
Monterey	Otero	4,536	2	.....	.....	.....	.....	.....	.....	.....	0.62	.....	0.32	0	2	22	7	2	sw.	Agent, E. P. & S. W. R. R.
Mountainair	Torrance	6,577	9	59.0	.....	89	25	29	1	46	1.14	.....	0.70	0	2	18	12	1	sw.	Mrs. John W. Corbett.
Newman	Otero	3,989	2	.....	.....	102	29	.....	.....	.....	T.	.....	T.	0	0	25	4	2	sw.	Agent, E. P. & S. W. R. R.
Noria	Dona Ana	4,114	2	.....	.....	.....	.....	.....	.....	.....	0.00	.....	0.00	0	0	28	1	2	e.	Do.
Orange	Otero	5,000	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jas. Brownfield, jr.
Orogrande	....do	4,171	2	.....	.....	.....	.....	.....	.....	.....	0.54	.....	0.50	0	2	15	14	2	w.	Agent, E. P. & S. W. R. R.
Oscura	Lincoln	5,016	2	.....	.....	.....	.....	.....	.....	.....	0.42	.....	0.25	0	4	26	0	5	sw.	Eugene F. Jones.
Otis	Eddy	3,100	2	.....	.....	.....	.....	.....	.....	.....	1.25	.....	0.58	0	6	16	13	2	se.	A. M. Hove.
Otto	Santa Fe	6,200	2	.....	.....	.....	.....	.....	.....	.....	1.88	.....	1.30	0	6	.....	.....	.....	.....	O. H. Johnson.
Pastura	Guadalupe	5,285	2	.....	.....	87	24	.....	.....	.....	0.91	.....	0.53	0	4	.....	.....	.....	sw.	Agent, E. P. & S. W. R. R.
Placitas (near)	Bernalillo	8,000	....	53.8	.....	76	31	25	20	37	0.91	.....	0.50	0	3	21	9	1	w.	Geo. C. Ellis.
Plainview	Chaves	4,300	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. P. Adair.
Red River Canyon	Taos	8,956	3	48.8	.....	80	27†	18	11	60	0.08	.....	0.04	T.	2	21	9	1	e.	Mrs. L. R. Penn.
Rincon	Dona Ana	4,030	13	69.6	+ 1.7	96	31	36	1	52	0.00	− 0.22	0.00	0	0	13	10	8	w.	Chas. H. Raitt.
Rio Grande Dam	Sierra	4,265	13	70.0	+ 4.2	96	31	42	21†	47	T.	− 0.30	T.	0	0	28	3	0	sw.	U. S. Reclamation Service.
Rio Grande Industrial School.	Bernalillo	5,000	....	62.9	.....	88	24	30	11†	50	0.37	.....	0.37	0	1	21	8	2	s.	Rev. A. C. Heyman.
Rosedale	Socorro	6,910	6	59.1	.....	82	24	33	21	39	0.24	.....	0.13	0	4	17	8	6	w.	W. H. Martin.
Roswell	Chaves	3,578	13	67.5	− 1.9	93	9	39	1	46	3.38	+ 2.21	1.68	0	6	13	14	4	s.	U. S. Weather Bureau.
San Marcial	Socorro	4,439	14	.....	.....	95	31	.....	.....	.....	.....	.....	.....	0	....	26	3	2	.....	Agent, A., T. & S. F. R. R.
San Rafael	Valencia	6,509	7	59.1	.....	88	23	29	16	52	0.10	.....	0.10	0	1	28	3	0	sw.	Dr. Chas. M. Grover.
Santa Fe	Santa Fe	7,013	38	56.5	− 0.2	78	30	30	11	35	1.00	− 0.11	0.47	0.1	7	18	11	2	se.	U. S. Weather Bureau.
Santa Fe Canyon	....do	8,000	1	.....	.....	.....	.....	.....	.....	.....	1.70	.....	0.80	0	4	17	4	10	w.	C. Martinez.
Santa Rosa	Guadalupe	4,624	11	66.0	.....	93	24	35	1	47	0.42	− 0.42	0.13	0	7	15	16	0	w.	John L. Chapman.
Socorro	Socorro	4,600	19	64.2	− 1.8	91	25†	35	22	48	0.26	− 0.14	0.26	0	1	30	1	0	se.	J. J. Leeson.
Stanley	Santa Fe	6,317	2	57.4	.....	87	21	25	1	48	1.34	.....	0.85	0	7	2	29	0	sw.	Henry Winan.
Strauss	Dona Ana	4,080	12	.....	.....	.....	.....	.....	.....	.....	0.00	− 0.04	0.00	0	0	29	0	2	se.	Agent, Southern Pacific R.R.
Swastika Ranch	Valencia	6,400	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Swastika S. & L. Co.
Taft	Guadalupe	5,000	1	.....	.....	.....	.....	.....	.....	.....	1.03	.....	0.71	0	4	13	16	2	s.	J. F. Nappier.
Tajique (near)	Torrance	6,900	1	.....	.....	.....	.....	.....	.....	.....	0.80	.....	0.57	0	2	9	22	0	.....	U. S. Forest Service.
Taos	Taos	6,983	13	56.6	+ 0.8	82	30	30	11†	44	1.28	+ 0.11	0.36	0	8	19	11	1	sw.	Alex Gusdorf.
Taos Canyon	....do	8,959	2	.....	.....	.....	.....	.....	.....	.....	2.37	.....	1.23	1.8	10	.....	.....	.....	.....	Leocadio Martinez.
Tecolote	Lincoln	6,539	2	.....	.....	.....	.....	.....	.....	.....	0.65	.....	0.25	0	4	22	5	4	w.	Agent, E. P. & S. W. R. R.
Tree Rivers	Otero	4,559	2	.....	.....	.....	.....	.....	.....	.....	0.08	.....	0.05	0	2	22	5	4	.....	Do.
Tijeras Canyon	Bernalillo	6,214	1	.....	.....	.....	.....	.....	.....	.....	0.48	.....	0.25	0	3	23	8	0	sw.	U. S. Forest Service.

TABLE 1.—*Climatological data for May, 1911. District No. 8*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
New Mexico—Contd.																				
Torrance	Torrance	6,433	2								0.04		0.02	0	2	10	21	0	e.	Agent, E. P. & S. W. R. R.
Tres Piedras	Taos	8,076	6																	Edwin B. Seward.
Truchas	Rio Arriba	7,935	2	51.7*		75	24				0.50		0.20	0	3	22	9	0		Ignacio Cordova.
Tularosa	Otero	4,436	3																	Irby L. Fairless.
Vaughn	Guadalupe	5,952	2								1.49		0.38	T.	7	13	9	9	w.	Agent, E. P. & S. W. R. R.
Virsylvia	Taos	7,500	1	57.6		84	26	33	15	50	0.54		0.14	1.2	8	23	7	1	s.	Dr. I. N. Woodman.
Winsors	San Miguel	8,200	13	47.4	+ 1.1	76	25	20	3	46	1.53	− 0.16	0.54	0	6	16	6	9	w.	Henry D. Winsor.
Texas.																				
Abilene	Taylor	1,738	26	72.8	+ 0.9	97	19	43	1	35	0.06	− 3.06	0.06	0	1	14	9	8	s.	U. S. Weather Bureau.
Albany	Shackelford	1,429	17	72.6	+ 0.1	101	19†	39	1	42	0.43	− 3.06	0.43	0	1					N. L. Bartholomew.
Alice	Nueces	209									3.60		2.70	0	3	22	6	3	se.	R. M. Boerum.
Alpine	Brewster	4,482	1								2.08		0.98	0	8	20	7	4	se.	J. Frank Dobie.
Alvin	Brazoria	49	13	72.8		98	31	53	3	31	2.81	− 0.98	1.04	0	4	22	3	6	se.	Alvin Japanese Nursery.
Anahuac	Chambers	23	2								1.82		0.70	0	3					B. H. Collins.
Antelope	Jack										0.12		0.12	0	1	23	6	2		Chas. C. Hawkins.
Austin	Travis	593	55	73.3	− 1.2	96	31	52	1	27	2.74	− 1.45	2.14	0	3	15	12	4	se.	A. Deussen.
Ballinger	Runnels	1,637	15	72.6	+ 0.1	100	19†	45	1†	48	1.40	− 2.04	1.15	0	2	17	5	9	s.	E. M. Eubank.
Barstow	Ward	2,573	4	73.5		97	18	46	21	42	1.41		0.55	0	3	20	6	5	e.	Lee F. Freeman.
Bay City	Matagorda	53	1																	E. C. Quereau.
Beaumont	Jefferson	29	10	76.0	+ 0.8	100	31	51	10	33	1.71	− 1.50	0.86	0	3	25	0	6	se.	John Bender.
Beeville	Bee	225	15	75.2	− 1.9	96	31	56	3†	30	6.06	+ 2.54	2.83	0	7	8	10	13	e.	L. E. Dickey.
Big Springs	Howard	2,396	13	72.9	0.0	97	19†	42	1†	38	0.32	− 2.94	0.32	0	1	15	13	3	se.	B. Reagan.
Blanco	Blanco	1,350	15	71.4	+ 0.3	98	31	50	1†	34	1.84	− 0.95	0.67	0	4	20	10	1	s.	R. C. Crist.
Boerne	Kendall	1,412	19	74.4	+ 1.8	98	31	54	22	34	1.36	− 2.84	0.72	0	4	12	14	5	se.	F. W. Schweppe.
Booth	Fort Bend	81	10								6.64	+ 1.71	3.65	0	5	27	0	4	e.	T. R. Booth.
Bowie	Montague	1,113	16	75.8	+ 4.7	104	31	41	1	40	0.65	− 4.48	0.40	0	4	19	7	5	s.	Craig Anderson.
Brady	McCullough	1,500	10								0.00	− 2.93	0.00	0	0	28	1	2	s.	G. W. Virling, jr.
Brazoria	Brazoria	25	22	73.5	− 1.1	96	31	53	8†	31	3.22	+ 0.06	1.60	0	8	28	1	2	s.	Mrs. M. A. Stevens.
Brazos	Palo Pinto	801	2								0.48		0.31	0	2	15	14	2	s.	Robt. E. Boyett.
Brenham	Washington	350	26	73.4	− 1.8	94	31	51	3	24	4.52	+ 0.77	1.18	0	8	14	5	12	e.	Mrs. B. F. Sloan.
Bridgeport	Wise	754	2								0.25		0.25	0	1	16	8	7	s.	Claude Strange.
Brighton	Nueces	12	18	76.5	+ 0.2	93	31	54	21	28	6.60	+ 3.68	2.25	0	5	23	4	4	se.	G. H. Ritter.
Brownsville	Cameron	38	47	75.6	− 3.0	94	31	58	3	29	1.84	− 0.31	0.72	0	8				e.	U. S. Weather Bureau.
Brownwood	Brown	1,342	19	71.8	− 0.8	99	31	46	1†	47	1.53	− 2.49	1.25	0	2	11	20	0	s.	Mrs. Pearl Smith.
Cameron	Milam		3	74.6		100	31	48	3	35	2.44		0.90	0	4	26	3	2	s.	J. E. Watts.
Carmona	Polk	330	3	73.2		98	31	46	7	38	4.13		2.75	0	5	21	8	2	s.	M. S. Spitler.
Claytonville	Fisher	2,100	16	72.2	+ 1.2	99	19	40	1†	46	T.	− 3.21	T.	0	0	11	12	8	s.	Wm. Lanius.
Clifton	Bosque	671									1.25		1.21	0	2	8	23	0	s.	R. M. Jones.
Coleman	Coleman	1,710	17	72.0	+ 0.8	97	19	44	1	36	1.57	− 2.38	1.45	0	2	11	18	2	s.	J. E. Stevens.
College Station	Brazos	308	21	74.8	+ 1.2	100	31	49	3	33	2.70	− 1.87	1.29	0	7	19	10	2	s.	Prof. G. S. Fraps.
Colorado	Mitchell	2,066	17	72.1	− 0.6	98	19	40	21	49	0.67	− 1.73	0.67	0	1				s.	R. M. Webb.
Columbia	Brazoria	34	22	72.4	− 2.8	100	31	50	8†	40	3.55	+ 0.56	1.50	0	4	23	6	2	s.	R. B. Loggins.
Columbus	Colorado	206	7								7.40		2.40	0	9	17	7	7	ne.	Mrs. Sophie Bridge.
Corpus Christi	Nueces	20	24	75.0	− 1.5	90	31	57	3	20	3.74	+ 0.96	2.25	0	10	15	11	5	se.	U. S. Weather Bureau.
Corsicana	Navarro	445	22	72.5	− 1.2	97	31	47	3	30	1.60	− 3.66	0.80	0	3	24	3	4	s.	D. H. Winn.
Crockett	Houston	350	7	73.8		100	31	46	3	36	2.71		0.88	0	6	20	9	2	s.	A. M. Rencher.
Cuero	De Witt	177	21	74.8	− 2.3	99	31	53	22	34	2.56	− 1.03	0.71	0	8	20	4	7	s.	H. R. Frobese.
Dallas	Dallas	466	22	73.8	+ 1.0	103	31	44	3†	39	0.87	− 3.47	0.45	0	3	20	0	11	s.	G. A. Eisenlohr.
Danevang	Wharton	145	15	75.3	− 0.9	97	30†	54	7	39	2.75	− 0.53	0.95	0	4	28	3	0	se.	H. P. Hermansen.
Decatur	Wise	1,047	15								0.45	− 4.27	0.30	0	2	24	7	0		Ft. W. & D. City Ry.
Del Rio	Valverde	952	5	77.2	+ 0.3	101	19	54	22	37	0.27	− 2.69	0.27	0	1	5	20	6	se.	U. S. Weather Bureau.
Devine	Medina	653	1	76.7		96	31	53	23	37	1.74		1.05	0	3	20	9	2	se.	M. A. Keller.
Dialville	Cherokee	575	7	72.8		97	31	45	3	32	3.20		2.00	0	3	17	10	4	s.	J. M. B. McKnight.
Dilley	Frio	569	1								0.90		0.60	0	2					John W. Miller.
Dublin	Erath	1,466	15	71.2	− 0.3	97	31	45	1	28	0.00	− 4.03	0.00	0	0	12	18	1	s.	Jno. O. Shafer.
Duval	Travis	820	22	72.4	− 2.7	95	31	49	3	29	0.80	− 3.27	0.62	0	3	15	12	4	se.	J. C. Edgar.
Eagle Pass	Maverick	800	34	78.4	− 1.0	101	19	56	22	35	0.30	− 2.81	0.20	0	2	10	15	6	se.	Charles Tarver.
Eastland	Eastland	1,420	4	71.5		101	19†	43	1†	50	T.		T.	0	0	17	13	1		J. R. Gilbreath.
Edna	Jackson	71	2								1.63		0.86	0	3					E. L. Faires.
El Paso	El Paso	3,762	32	73.0	+ 0.9	95	30	47	1	35	0.39	+ 0.04	0.36	0	3	22	8	1	e.	U. S. Weather Bureau.
Encinal	La Salle	558	3	75.4		101	31	54	22	36	0.63		0.34	0	4	6	23	2	e.	H. C. Braden.
Fairland	Burnet	1,000	22	73.2	+ 0.5	99	31	49	4	37	1.11	− 2.07	0.54	0	4	15	15	1	s.	R. L. Bush.
Falfurrias	Starr		3	76.6		99	20†	56	3	33	1.29		0.45	0	4	14	15	2	se.	W. A. Gardner.
Flatonia	Fayette	465	3	73.6		96	31	53	3	30	3.28		1.12	0	5	13	12	6	s.	Fred W. Laux.
Flint	Smith	483	1	72.8		102	31	46	3	36	2.11		1.12	0	4	24	4	3	s.	F. C. C. Carter.
Floydada	Floyd										1.72		0.85	0	5					F. H. Schmidt.
Fort Clark	Kinney	1,050	40	71.6	− 4.9	99	30	50	13†	36	0.25	− 3.39	0.25	0	1	16	9	6	se.	Post hospital.
Fort McIntosh	Webb	460	43	80.0	− 1.2	102	20	55	22	35	2.00	− 0.38	1.50	0	3	10	15	6	e.	Do.
Fort Stockton	Pecos	3,050	14	72.5	− 1.0	107	31	43	21	46	4.58	+ 3.15	2.55	0	3	5	24	2	se.	H. H. Butz.
Fort Worth	Tarrant	670	16	74.0	+ 0.8	103	31	45	1	35	0.22	− 3.93	0.17	0	5	13	17	1	s.	U. S. Weather Bureau.
Fredericksburg	Gillespie	1,742	22	71.7	− 0.4	94	31	50	2†	38	0.39	− 3.26	0.25	0	3	13	16	2	s.	Arthur Striegler.
Gainesville	Cooke	738	21	73.6	+ 2.9	102	31	43	1	46	0.88	− 4.56	0.70	0	3					J. L. Hickson.
Galveston	Galveston	69	40	75.2	− 0.2	93	31	56	2	17	1.90	− 1.33	0.68	0	7	21	8	2	se.	U. S. Weather Bureau.
Gatesville	Coryell	795	7	73.6		100	31	44	3	39	0.50		0.30	0	2	29	2	0		John Ryan.
Georgetown	Williamson	750	16	72.4	− 1.0	100	31	47	3	38	3.32	− 0.68	1.38	0	5	22	8	1	s.	Prof. R. F. Young.
Gonzales	Gonzales	299	6								3.80		2.55	0	5	11	3	17	s.	J. M. Johnson.
Gorham	McLennan	444	2	73.7		102	31	46	2	36	0.50		0.50	0	1	24	6	1	s.	John Gorham.
Graham	Young	1,040	12	73.8	+ 0.9	105	31	40	20	49	0.59	− 3.63	0.58	0	2	21	10	0	s.	C. W. Johnson.
Grand Falls	Pecos		1																	W. A. White.
Grand Saline	Van Zandt	399	1								1.88		1.79	0	2	23	6	2	se.	F. E. Whittemore.
Grapevine	Tarrant	670	21	75.2[d]	+ 2.7	105	31	45	1	46[d]	0.71	− 4.23	0.71	0	1	6[e]	19[e]	3[e]	s.	W. J. Crowley.
Greenville	Hunt	550	11	74.0	+ 2.9	103	31	45	1	36	3.07	− 2.35	1.76	0	3	20	0	11	s.	J. P. Regan.
Hallettsville	Lavaca	235	19	75.0	− 1.5	95	31	55	3†	29	4.23	+ 0.13	1.80	0	5	16	9	6	s.	Dr. J. E. Lay.
Hamlin	Jones	1,685									0.70		0.70	0	1					W. S. Carruthers.
Harlingen	Cameron	37									2.27		0.70	0	6	21	7	3	se.	Dr. C. W. Letzerich.
Harper	Gillespie										0.41		0.30	0	2	24	0	7		Christian Fritz.
Haskell	Haskell	1,553	16	74.0	+ 1.5	100	28	45	1	48	1.89	− 1.25	1.60	0	2	15	8	8	s.	P. D. Sanders.
Hebbronville	Duval		4								1.61		0.80	0	3					Henry Edds.
Hempstead	Waller	254	7								6.15		2.50	0	8	16	7	8	s.	J. H. Hancock.
Henderson	Rusk	500	2								1.71		0.97	0	2	24	4	3		M. Kangerga.
Hewitt	McLennan	664	16								0.47	− 5.03	0.23	0	3					I. H. Earle.
Hico	Hamilton										0.01		0.01	0	1	18	13	0	s.	John A. Eakins.
Hillsboro	Hill	628	8	75.0		98	31	45	2	35	0.42		0.42	0	1					W. G. Escott.
Hondo	Medina	901	12	73.4		97	31	51	4†	36	2.63	− 1.99	1.23	0	3	17	13	1	se.	H. E. Haass.

TABLE 1.—*Climatological data for May, 1911. District No. 8*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Texas—Continued.																				
Houston	Harris	138	21	74.5	− 1.0	97	31	55	3	25	1.82	− 3.29	1.00	0	5	16	12	3	se.	U. S. Weather Bureau.
Huntsville	Walker	400	27	73.0	− 1.4	96	31	49	3	35	2.49	− 2.44	1.00	0	3	22	0	9	se.	W. Y. Barr.
Jayton	Kent		1								0.85		0.60	0	2	21	2	8	e.	Wichita Valley Railway Co.
Jewett	Leon	496	7	74.1		103	31	45	3†	38	2.46		1.26	0	4	17	6	8	s.	Earle Adkisson.
Junction	Kimble	1,645	8	70.6		99	30	42	22	40	1.66		1.00	0	3	21	9	1	s.	Judge John S. Durst.
Kaufman	Kaufman	448	12	74.4	+ 0.8	102	31	46	3	33	0.68		0.40	0	2	24	6	1	s.	B. J. Hubbard.
Kerrville	Kerr	1,650	15	72.4	+ 0.2	95	31	47	22	40	0.51	− 2.99	0.35	0	3	23	5	3	s.	Robert E. Horne.
Knickerbocker	Tom Green	2,050	7	72.8		98	31	43	20	45	T.		T.	0	0	18	11	2	s.	Jos. Tweedy.
Kopperl	Bosque	576	14								1.00	− 4.00	1.00	0	1	16	4	11	s.	T. A. Johnson.
Lagrange	Fayette	276	1								3.49		1.26	0	7	20	5	6	se.	August Hermes.
Lamesa	Dawson	2,500	1								0.11		0.11	0	1					S. D. Austin.
Lampasas	Lampasas	1,026	19	72.4	− 0.5	100	30†	46	3	45	2.86	− 0.80	1.14	0	5	21	1	9	s.	Mrs. K. I. Webber.
La Parra	Cameron	38	9								8.10		6.50	0	3					Jno. G. Kenedy.
Laureles Ranch	Nueces	20	11								2.21	− 0.01	0.90	0	5					Matt Cody.
Liberty	Liberty	38	7	73.2		95	30†	52	7†	35	5.08		2.70	0	6	21	10	0	n.	Mrs. Fannie Sneed.
Llano	Llano	1,040	20	73.8	− 1.0	100	31	50	3	39	0.98	− 1.57	0.90	0	3	19	10	2	se.	E. W. Torrence.
Llano Grande	Hidalgo	86	3	72.8		97	31	52	3	38	2.61		2.20	0	2	13	12	6	se.	M. D. Wardlow.
Long Lake	Anderson	229	6								0.77		0.67	0	2	18	6	7	s.	Geo. W. Ellis.
Longview	Gregg	336	25	74.4	+ 0.6	103	31	47	3	37	1.77	− 2.04	1.34	0	3	25	2	4	se.	C. A. Propst.
Lubbock	Lubbock										0.72		0.41	0	4	18	10	3	s.	A. L. Paschall.
Lufkin	Angelina	325	4	73.3		96	31	47	3	35	2.67		2.16	0	3	25	3	3	s.	T. A. King.
Luling	Caldwell	418	23	73.4	− 2.3	96	31	53	3†	32	3.55	+ 0.23	1.20	0	6	12	11	8	s.	John Carter.
McGregor	McLennan	713	1								0.58		0.33	0	2	28	0	3	s.	W. H. Whitley.
Marathon	Brewster	4,043	1	64.4		86	10	39	3	40	5.80		1.75	0	9	13	14	4	s.	Rev. A. P. Willis.
Marble Falls	Burnet	771	3								1.74		0.70	0	5	15	0	16	n.	R. H. Cochran.
Marfa	Presidio		3								2.95		1.20	0	7					R. K. Colquitt.
Marshall	Harrison	375	2	72.4		98	30	45	3	37	0.95		0.65	0	2	6	23	2	se.	Lee Scott.
Matagorda	Matagorda	12	1								19.09		15.71	0	4	27	0	4	s.	W. E. McNabb.
Mexia	Limestone	537	7	71.4		99	31	44	3	37	1.50		1.22	0	3	10	10	11	s.	Miss Josephine Newman.
Midland	Midland		4																	W. H. Neeb.
Mission	Hidalgo	140	1	77.0		95	31	59	3	29	0.66		0.38	0	6	12	16	3	se.	L. H. Romig.
Mont Belvieu	Chambers	65	1								1.84		0.47	0	6	20	8	3	se.	A. R. Shearer.
Mountain View	Pecos	2,900	1																	Lucius W. Gosselin.
Mount Blanco	Crosby	2,750	22	68.2	0.0	94	31	37	1	40	0.77	− 1.44	0.42	0	3	16	3	12	s.	H. C. Smith.
Nacogdoches	Nacogdoches	271	12	71.0	− 0.9	96	31	47	3†	35	0.61	− 4.53	0.42	0	3	25	3	3	s.	Miss Mary Hofmann.
New Braunfels	Comal	720	23	72.3	− 2.1	94	31	53	3†	30	2.17	− 1.04	1.35	0	3	11	17	3		J. Giesecke.
Palestine	Anderson	510	29	72.2	− 0.3	96	31	46	3	27	0.77	− 4.12	0.66	0	3	17	11	3	s.	U. S. Weather Bureau.
Panter	Hood	1,000	22								0.23	− 3.76	0.23	0	1					E. H. Snider.
Pearsall	Frio	629	1								0.42		0.42	0	2					Earnest De Vilbiss.
Pierce	Wharton	102	5	72.0		96	31	50	3	34	4.92		1.38	0	7	17	12	2		R. B. Pointer.
Plainview	Hale	3,370	15	65.2	− 3.1	89	18†	34	1	47	1.92	− 0.56	0.82	0	6	18	10	3	s.	J. F. Sander.
Port Arthur	Jefferson										2.35		1.21	0	5	15	14	2	s.	Griffing Bros. Co.
Port Lavaca	Calhoun	20	10	76.0	+ 0.1	99	31	54	2	32	4.49	− 0.04	2.30	0	4	23	5	3	se.	J. H. Bickford.
Post City	Garza	2,700	1								0.04		0.04	0	1	24	6	1	sw.	W. L. Dodd.
Putnam	Callahan	1,591									0.02		0.01	0	2	18	11	2	s.	Rev. Jos. Reisdorff.
Raymondville	Cameron										2.90		1.20	0	7	3	23	5	se.	C. H. Pease.
Ricardo	Nueces	57	2	78.5		98	31	61	3†	28	3.48		1.69	0	8	18	9	4	se.	Lindsay Waters.
Riverside	Walker	169	7								3.45		1.45	0	4	28	1	2	s.	Mrs. C. W. Higdon.
Robert Lee	Coke	1,850	12	74.2	+ 2.3	99	19	44	1	47	0.37	− 2.96	0.37	0	2	25	3	3	se.	H. D. Pearce.
Rockland	Tyler	136	7								3.83		1.50	0	4	20	7	4	s.	T. W. Bellamy.
Rockport**	Aransas	12	10	75.3	− 0.2	92	31	56	3	20	1.83	− 1.50	1.06	0	3	22	8	1	se.	Mrs. G. B. Grewe.
Rossville	Atascosa	558	4	74.4		98	31	52	23	43	2.60		1.22	0	6	6	23	2	se.	W. F. M. Ross.
Runge	Karnes	308	16								2.72	− 2.77	1.56	0	3					Reiffert & Frobese.
Sabinal	Uvalde	964	7	75.0		98	31	51	22	37	1.24		0.83	0	3	5	13	13	se.	Jas. Johnston.
Salado	Bell		1								1.03		0.90	0	2	16	1	14	s.	L. M. Crockett.
San Angelo	Tom Green	1,847	20	74.1	+ 0.4	98	31	47	21	34	0.04	− 3.12	0.04	0	1	21	10	0	s.	Sam Crowther.
San Antonio	Bexar	701	26	74.0	− 0.8	96	31	54	2	32	2.01	− 0.95	1.02	0	6	7	4	20	se.	U. S. Weather Bureau.
San Augustine	San Augustine	360	2	72.9		98	30	46	8	39	1.64		1.29	0	4	16	13	2		F. A. Wilson.
San Diego	Duval	312		79.6		99	31	60	3	23	2.96		1.87	0	4	23	2	6	e.	J. M. Palacios.
San Juanito	Hidalgo		2	81.0		102	31	56	22	30	1.02		0.46	0	6	1	4	26	se.	J. B. McAllen.
San Marcos	Hays	588	18	72.6	− 1.6	94	31	52	3	32	2.52	− 1.61	1.46	0	4	17	0	14	s.	Miss L. C. Ford.
San Saba	San Saba	1,712	10	71.8	− 0.8	97	31	45	21	38	0.64	− 3.17	0.52	0	2	24	6	1	s.	Jas. Burns.
Santa Gertrudes	Nueces		11																	J. B. Wright, jr.
Sealy	Austin	201									2.44		0.73	0	11	17	8	6	s.	O. H. Albert.
Seymour	Baylor	1,320	5	72.5		101	31	35	2	50	1.06		0.59	0	2	5[i]	0[i]	16[i]	s.	S. C. Lee
Snyder	Scurry			73.8[e]		98	30†	41	21	49	0.26		0.15	0	2	12[f]	2[f]	11[f]	s.	J. Allen Weaver.
Somerville	Burleson	251	2	73.0		97	2†	41	8	51	2.40		2.00	0	2	21	0	10	s.	W. A. Dolan.
Sonora	Sutton	2,200	8																	Mike Murphy.
Spur	Dickens	2,300		70.7		97	31	41	1	42	1.15		0.43	0	4	17	9	5	s.	J. D. Reagan.
Stamford	Jones			70.8		96	31	42	1	36	0.42		0.42	0	1	11	19	1		T. A. Williams.
Sugarland	Fort Bend	79	13																	Cunningham Sugar Co.
Sutherland Springs**	Wilson		1	77.1		100	31	52	23	38	2.73		1.62	0	4	22	3	6	s.	W. A. Clark.
Taylor	Williamson	583	10	72.8	− 1.5	96	31	47	3	29	2.85	− 1.16	2.08	0	5	17	11	3	s.	U. S. Weather Bureau.
Temple	Bell	630	21	74.2	+ 1.3	102	31	48	3	30	2.09	− 2.24	0.97	0	4	16	13	2		W. Goodrich Jones.
Theodore	Winkler		1								1.41		0.54	0	4					W. H. Gibbs.
Thurber	Erath		1								0.02		0.02	0	1					J. K. Ball.
Tilden	McMullen		5	76.4		103	30	47	22	44	1.45		0.95	0	3	3[a]	18[a]	9[a]	se.	Wm. Kuykendall.
Tivoli	Refugio		1								3.07		1.73	0	3	10	11	10		W. H. Gisler.
Uvalde	Uvalde	937	3			100	31				0.53		0.53	0	1					F. M. Getzendaner.
Valentine	Jeff Davis	4,421	5																	Valentine Development Co.
Valley Junction	Robertson	289	11								1.80	− 3.79	1.10	0	2	21	0	10	s.	T. M. Williams.
Victoria	Victoria	187	12	75.2	− 0.8	98	31	52	7	33	3.02	− 0.99	2.10	0	3	20	0	11	s.	C. C. Zirjacks.
Waco	McLennan	424	22	75.1	0.0	101	31	48	3	35	1.62	− 3.38	0.90	0	4	21	1	9	s.	E. H. Hall.
Waxahachie	Ellis	556	14	73.1	0.0	103	31	44	3	40	1.92	− 3.49	0.90	0	3	18	5	8	se.	C. D. Longserre.
Weatherford	Parker	864	22	74.6	+ 3.0	102	31	44	1	41	1.14	− 3.77	0.64	0	3	23	5	3	n.	Miss J. Stickfort.
Wharton	Wharton	105	9	73.8		96	31	50	8	35	3.81		0.99	0	5	19	2	10	s.	Mrs. F. M. Hughs.
Wills Point	Van Zandt	524	6	71.8		100	31	43	3	40	0.62		0.57	0	2	22	6	3	s.	W. W. Gibbard.
Zapata	Zapata	300	2																	A. P. Spohn.

[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 May, 1911. District No. 8, Texas and Rio Grande Valley.*

Stations.	River basins.	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	
Colorado.																																	
Blanca	Rio Grande					T.		.05	.01					T.	.16	.10				.01	.08					.01			T.	.08		.09	0.59
Cumbres	do						.02	.31	.03					.02	.19					T.	.26					.23						.15	1.21
Garnett	do						T.	.24							.16						T.					T.						.60	1.00
Hermit	do						.15	.09	.11					.07	.31	T.				T.						T.	.05			T.		.15	0.93
La Veta Pass	do								.20	.20					.19					.30						.12	.08		T.	.08			1.17
Manassa	do							T.							.20						.10								T.	T.		.08	0.38
Platoro	do							.33	.12				.04	.12	.09	.07											.10	.27		T.		.16	1.30
Saguache	do							T.	T.							.11											T.						0.11
San Luis	do						T.	.16	T.						.24	.03					.10	T.				.04	.07			.02		.07	0.73
Wagon Wheel Gap Experiment Station.	do						.28	.10	T.					.02	.11					T.	T.					.08	.06			T.			0.65
New Mexico.																																	
Agricultural College	Rio Grande									.07																T.						.03	0.10
Alamogordo (near)	do								T.						.12	.49														.18		.15	0.94
Alamogordo	do														T.															.16		.25	0.41
Alamos Ranch	do														.10						.06					.09			.22		.01	.14	0.62
Albuquerque	do					.04	T.	T.	T.				T.																			.24	0.28
Ancho	do																														.02		0.02
Artesia	Pecos													.02	.05	.40														.15			0.62
Aspen Grove Ranch	Rio Grande													.01	.21						.11								T.				0.33
Bateman's Ranch	do						T.	T.					.20		.51						.04					.04			T.				0.79
Bluewater	do						.10	T.					.20	T.												.02							0.32
Boaz	Pecos												.24	.28	.13	.42	.21													1.84			3.12
Capitan	do																												.10		.90		1.00
Carlsbad	do												T.	.48	.70	.12												.04	T.	.01			1.35
Carrizozo	Rio Grande																														T.	T.	T.
Carson Park	do																																
Chama	do						T.	.18	.13				T.		.10											T.	.08						0.49
Cloudcroft	Pecos																				T.												T.
Corona	do			.01											.21																	.26	0.48
Coyote	Rio Grande							.11																							.02	.13	0.26
Cundiyo	do							.04						.11	T.														T.	.13		.14	0.42
Demonstration Farm.	Pecos							.25					.28	.40	.12						.10								.50	.50	.25	.10	2.50
Duran	do							T.	.10					.23	T.														T.	T.		T.	0.33
Elk (near)	do																																
Escondido	Rio Grande														.48												.05			.08		.13	0.74
Espanola	do								T.					.28							.07									.07	.17		0.59
Estancia	do												.16					.09				.03									.05		0.33
Fort Stanton	Pecos								.14					.03	.01															.12	.14	.31	0.75
Fort Sumner	do												T.	.44	1.11														T.	.10	.08	T.	1.73
Gallinas	do																																0.00
Gallinas Planting Station.	do							.07				.36	*	.64	.30						.10					T.			.20	.30	.37	.20	2.54
Glorieta Ranch	Rio Grande																																0.00
Harvey's Upper Ranch.	Pecos				T.			.26	.37				.06		.42						.18					.11			.32	.18	.19	.61	2.70
Hillsboro	Rio Grande																																
Hodges	do																																
Hondo Reservoir	Pecos												.30	T.	.60	.59	.13	T.											.03	1.39			3.04
Hope	do																																
Jemez Springs	Rio Grande					T.		.25		.01			.50	.03	.04						T.				.01	.03							0.87
Knowles	Pecos												T.	T.	.20	T.					T.						.48			T.			0.68
Laguna	Rio Grande						T.	.15					T.																				0.15
Lagunita	Pecos														.13																	.12	0.25
Lake Valley	Rio Grande																									T.						T.	T.
Las Vegas	Pecos							.24		.03			.49	.14	.55						.13	.01				T.	.01		.45	.05		.31	2.41
Liston	do													.71	.36	.30												*	2.12	.12	.84		4.45
Los Lunas (near)	Rio Grande										T.																						T.
Magdalena	do						T.	T.																	T.								T.
Mescalero	do																																
Mineral Hill	Pecos							.34				.31		.12	.44														.50	.91	.55	.55	3.72
Monterey	Rio Grande													T.	.30												T.			.32		T.	0.62
Mountainair	do								.70																							.44	1.14
Newman	do													T.																			T.
Noria	do																																0.00
Orange	do																																
Orogrande	do																								.04				T.		T.	.50	0.54
Oscura	do					.02									.25																.06	.09	0.42
Otis	Pecos													.18	.58	.11	.02	T.										T.	.34	.02			1.25
Otto	Rio Grande					.10				.18			.11		.10																.09	1.30	1.88
Pastura	Pecos							T.	.20					.53	.08																.10		0.91
Placitas (near)	Rio Grande							.50						.03	T.																T.	.38	0.91
Plainview	Pecos																																
Red River Canyon	Rio Grande						T.	T.							.04					T.	T.											.04	0.08
Rincon	do																																0.00
Rio Grande Dam	do																														T.		T.
Rio Grande Industrial School.	do																															.37	0.37
Rosedale	do							.13	.03																	.01					T.	.07	0.24
Roswell	Pecos												.18		1.21	.02	.01												.30	1.66	T.		3.38
San Marcial	Rio Grande																																
San Rafael	do					T.	T.	.10																									0.10
Santa Fe	do						T.	T.	.03				.02	T.	.25						.11					.01			.11		T.	.47	1.00
Santa Fe Canyon	do								T.			T.		T.	.80						T.					T.			.30		.10	.50	1.70
Santa Rosa	Pecos								.10				T.	.04	.13	.04					T.					T.				.07	.01	.03	0.42
Socorro	Rio Grande															.26																	0.26
Stanley	do					.03		.08	.19				.05	.03	.11																	.85	1.34
Strauss	do																																0.00
Swastika Ranch	do																																
Taft	Pecos													T.	.29	.42														.07		.25	1.03
Tajique (near)	Rio Grande							.57	.23																								0.80
Taos	do							.36					.10	.10	.27						.04					.02			.06			.33	1.28
Taos Canyon	do							.27					.02	.05	.43						.27	.01					.04		.04	.01		1.23	2.37
Tecolote	do							.05						.10	.25																	.25	0.65
Three Rivers	do					T.								T.													T.				.05	.03	0.08
Tijeras Canyon	do					T.		.25	.03						T.																	.20	0.48
Torrance	Pecos						T.	T.							.02											T.						.02	0.04
Tres Piedras	Rio Grande																																
Truchas	do							T.	T.				T.		.10											T.				.20	T.	.20	0.50
Tularosa	do																																
Vaughn	Pecos							.06	.03	.30			T.	.34	.38					T.											.33	.05	1.49
Virsylvia	Rio Grande					.01	.04			.02					.12						.14					.10				.01	.10		0.54
Winsors	Pecos							.31		.22				.19	.22							T.							T.	.54		.05	1.53

TABLE 2.—*Daily precipitation for May, 1911. District No. 8*—Continued.

Stations.	River basins.	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	
Texas.																																	
Abilene	Brazos																T.											.06	T.				0.06
Albany	do																											T.	.43				0.43
Alice	Coast		.50															.40			2.70												3.60
Alpine	Pecos	.15								.05				.29	.98		.01		.04								.01	.55					2.08
Alvin	Coast	.23	.74									1.04									.80												2.81
Anahuac	do		.50										.70									.62											1.82
Antelope	Trinity																												.12	T.			0.12
Austin	Colorado		.57										2.14						.03														2.74
Ballinger ‖	do																												.25	1.15			1.40
Barstow	Pecos													.55		.40												.46					1.41
Bay City ‖	Colorado																																
Beaumont	Neches	.40		.45									.86																				1.71
Beeville ‖	Coast	.92		.58									2.83	.10					.05	.11		1.47	T.					T.			T.		6.06
Big Springs	Colorado														.32						T.												0.32
Blanco ‖	Guadalupe	.67		.48									.64						.05														1.84
Boerne	San Antonio	.12		.72								.38						.14	T.														1.36
Booth ‖	Brazos	1.34	.05	.45									3.65									1.15											6.64
Bowie	Trinity										.16									.40									.04	.05			0.65
Brady	Colorado																																0.00
Brazoria	Brazos	.44	.40	.36	.01							.01	.23									1.60						T.	.17				3.22
Brazos ‖	do	.17										.31																					0.48
Brenham ‖	do	.99	T.	.95									1.18	.37			T.	T.		.19		.67						T.	.15	.02	T.		4.52
Bridgeport ‖	Trinity											.25																					0.25
Brighton	Coast	.61	1.80										1.89									2.25	.05										6.60
Brownsville	Rio Grande	.47	.14	.21	.02								.72									.20					.02		.06	T.			1.84
Brownwood ‖	Colorado	1.25											.28																				1.53
Cameron ‖	Brazos	.88		.90									.36									.30											2.44
Carmona	Neches	.19	.72									2.75				T.	T.			.02	T.	.45						T.					4.13
Claytonville	Brazos														T.											T.			T.				T.
Clifton	do		.04									1.21							T.														1.25
Coleman	Colorado		T.									T.																1.45	.12				1.57
College Station	Brazos		.98	.07									1.29				T.				.03	.31					.01		.01				2.70
Colorado	Colorado	.67													T.																		0.67
Columbia	Brazos		.75									1.50									1.00								.30				3.55
Columbus ‖	Colorado	2.40	.04	.56									2.30	.34						.04		1.28						.04	T.	.40			7.40
Corpus Christi	Coast		.28	.02					.03				2.25				.10	.01	T.		.68	.16					.06			.15			3.74
Corsicana ‖	Trinity	.80											.43									.37											1.60
Crockett	do		.27									.88	.39				T.				.60					.47			.10				2.71
Cuero ‖	Guadalupe	.70	.01	.51									.34	.05	T.					.45		.45							.05				2.56
Dallas ‖	Trinity	.45										T.	T.									.27									.15		0.87
Danevang	Coast	.95		.75									.15								.90												2.75
Decatur	Trinity														.30			.15															0.45
Del Rio	Rio Grande		.27														T.																0.27
Devine	Nueces	T.	.62	T.							T.	T.						1.05	.07														1.74
Dialville	Neches		T.								2.00										.80								.40				3.20
Dilley	Nueces		.60																.30														0.90
Dublin ‖	Brazos																																0.00
Duval	Colorado		.62								T.	.16	T.					T.	.02										T.				0.80
Eagle Pass	Rio Grande		.10										.20																T.	T.			0.30
Eastland ‖	Brazos	T.																												T.			T.
Edna	Lavaca		.86									.33					T.				.44												1.63
El Paso	Rio Grande							T.	T.						.02											.01		T.			T.	.36	0.39
Encinal	Nueces		.34	.06									.07						.16														0.63
Fairland	Colorado		.54									T.	.04					.51	.02										T.	T.			1.11
Falfurrias	Coast		.42	.05									T.					T.	.37			.45						T.					1.29
Flatonia	Guadalupe		.54									T.	1.12						.87		.23								.52				3.28
Flint	Neches											1.12									.75					.21			.03				2.11
Floydada	Brazos														.30	.04											.85	.01		.52			1.72
Fort Clark ‖	Rio Grande	.25	T.												T.														T.				0.25
Fort McIntosh	do		.30																	.20	1.50												2.00
Fort Stockton	Pecos		T.										T.		1.10	T.					T.						2.55		.93				4.58
Fort Worth	Trinity										.13	.04		T.			.02		.02		.01								T.	T.			0.22
Fredericksburg	Colorado		.25											.08					.06														0.39
Gainesville	Trinity	.05																			.70								.13				0.88
Galveston	Coast	.02	.62	.01								.42									.37	.31						.15					1.90
Gatesville	Brazos		.20																.30														0.50
Georgetown ‖	do	1.18		.66									1.38		.05					.05											T.		3.32
Gonzales ‖	Guadalupe	.07		.79									2.58					.25		.14													3.80
Gorham ‖	Brazos		T.									.50						T.			T.												0.50
Graham	do											.58			.01																		0.59
Grand Falls	Pecos																																
Grand Saline	Sabine											.09									1.79												1.88
Grapevine	Trinity																				.71								T.				0.71
Greenville ‖	Sabine	.55										1.76										.76											3.07
Hallettsville	Lavaca		.35		T.							T.	1.80				T.	1.15			.88						T.	T.	.05				4.23
Hamlin	Brazos																												.70				0.70
Harlingen	Coast	.70	.34												.24							.50						.24	.25				2.27
Harper	Colorado		.30									.11																					0.41
Haskell ‖	Brazos											.29																		1.60			1.89
Hebbronville	Coast		.51										.30						.80														1.61
Hempstead ‖	Brazos	2.50	T.	.80										1.10	.40			.20	T.			.60							.25	.30			6.15
Henderson	Neches											.97									.74					T.							1.71
Hewitt	Brazos		.23									.17						T.	.07		T.												0.47
Ilico	do		T.									T.						T.	.01														0.01
Hillsboro	do											.42																					0.42
Hondo ‖	Nueces			1.18									.22						1.23														2.63
Houston	Coast		.40									.35	T.				T.		.07	T.	.95	.05						T.					1.82
Huntsville ‖	Trinity	T.		1.00									.59	T.								.90								T.			2.49
Jayton	Brazos														.25														.60				0.85
Jewett ‖	Trinity	.45		.60								1.26									T.						.05		.10				2.46
Junction	Colorado	1.00	.40										.26																				1.66
Kaufman	Trinity											.28									.40								T.				0.68
Kerrville ‖	Guadalupe			.35									.11							.05													0.51
Knickerbocker	Colorado		T.									T.				T.	T.								T.				T.				T.
Kopperl ‖	Brazos	1.00																															1.00
Lagrange	Colorado		.70									.39	1.26					T.	.11		.81						T.	.17		.05			3.49
Lamesa	do														.11																		0.11
Lampasas ‖	Brazos	1.14	.88	.06										.70						.08									T.				2.86
La Parra	Coast		1.00										6.50					.60															8.10
Laureles Ranch	do	.27	.38	.06									.90									.60											2.21
Liberty ‖	Trinity	2.70		.60									.22	.76							.10	.70								T.			5.08
Llano ‖	Colorado	.90	T.	.06									.02							T.													0.98

TABLE 2.—*Daily precipitation for May, 1911. District No. 8*—Continued.

Stations.	River basins.	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	
Texas—Continued.																																	
Llano Grande ‖	Rio Grande	2.20		.41																													2.61
Long Lake ‖	Trinity			.10									.67																				0.77
Longview ‖	Sabine	.15											1.34									.28											1.77
Lubbock	Brazos														.41	.03											.25	.03		T.			0.72
Lufkin	Neches		.29									2.16																	.22				2.67
Luling ‖	Guadalupe	.84	.07	.80									1.20							.60								.04					3.55
McGregor	Brazos		.25									.33																					0.58
Marathon	Rio Grande		.40	1.30							T.				1.75	.20	.01	.04									1.00	.40	.70				5.80
Marble Falls ‖	Colorado	.70	.02	.55									.16						.31														1.74
Maria	Rio Grande	.10												1.20	.15		.20										.60	.40		.30			2.95
Marshall	Sabine												.65									.30											0.95
Matagorda	Coast	15.71	.60	.60																		2.18											19.09
Mexia ‖	Brazos			.18									1.22									.10											1.50
Midland	Colorado																																
Mission ‖	Rio Grande	.02	.17	.38	.03									.04								.02	T.										0.66
Mont Belvieu	Coast	.17	.38									.47	.12							.25	.45								T.				1.84
Mountain View	Pecos																																
Mount Blanco	Brazos														.42	.21											.14						0.77
Nacogdoches ‖	Neches	.10		T.									.42										.09				T.						0.61
New Braunfels	Guadalupe		.78										1.35					.04												T.			2.17
Palestine	Trinity		.01									.66									.10					T.			T.				0.77
Panter	Brazos											.23	T.				T.	T.															0.23
Pearsall	Nueces		.42																		.06												0.48
Pierce	Colorado	1.12	.76	.15								1.38										1.33						.06	.12				4.92
Plainview	Brazos													.01	.13	.16						T.					.75			.05	.82		1.92
Port Arthur	Coast	.30		.54									1.21							.02											.28		2.35
Port Lavaca	do	.39	2.30	.20								T.	T.								1.60												4.49
Post City	Brazos														T.	.04																	0.04
Putnam	do																											.01	.01				0.02
Raymondville ‖	Coast	.08	.57	.63	T.									T.				.04				1.20					.05			.33			2.90
Ricardo	do		.47	.08					.33			T.	1.69					.16	.35			.37					T.	.03					3.48
Riverside ‖	Trinity			1.00									.45	.55								1.45								T.			3.45
Robert Lee ‖	Colorado																											.31	.06				0.37
Rockland ‖	Neches	.70			1.18									1.50									45										3.83
Rockport	Coast			1.06									.70								.07												1.83
Rossville	Nueces		.78									.01	1.22	T.			T.	.12	.27											.20			2.60
Runge	San Antonio		.33										.83								1.56												2.72
Sabinal	Nueces		.83										.36						.05														1.24
Salado	Brazos		.90										.13	T.																			1.03
San Angelo	Colorado											T.					.04											T.					0.04
San Antonio	San Antonio		.86									.47	.55	.03				.09	.01		T.												2.01
San Augustine	Neches		.09	.01								.25								T.	T.	1.29											1.64
San Diego ‖	Coast			.80															.23	.06		1.87	T.										2.96
San Juanito	do	.03	.46	.09									T.								.10	.31				T.			.03				1.02
San Marcos ‖	Guadalupe	.57	.06	.43									1.46																				2.52
San Saba	Colorado		.52										.12																				0.64
Santa Gertrudes ‖	Coast																																
Sealy	Brazos	.02	.40	T.								.44	.73						.02		.48	.04				T.	.02	.08	.19	.02			2.44
Seymour	do										T.																	.59	.47				1.06
Snyder ‖	Colorado														.11														.15				0.26
Somerville	Brazos		.40												2.00						T.						T.	T.					2.40
Sonora	Rio Grande																																
Spur ‖	Brazos														.43	.28											.08			.36	T.		1.15
Stamford	do																												.42				0.42
Sugar Land ‖	do																																
Sutherland Springs	San Antonio		.93										1.62					.15	.03										T.	T.			2.73
Taylor	Brazos		.72	.01								2.08		T.				.03	T.		.01								T.	T.			2.85
Temple ‖	do	.94	.97										.03						.15	T.	T.												2.09
Theodore	Pecos													.54		.03											.30	.54					1.41
Thurber	Brazos		.02																														0.02
Tilden	Nueces		.95										.10					.40		T.		T.				T.			T.				1.45
Tivoli ‖	Guadalupe		1.05													.29					1.73												3.07
Uvalde	Nueces		.53																										T.	T.			0.53
Valentine	Rio Grande																																
Valley Junction ‖	Brazos			1.10									.70																				1.80
Victoria ‖	Guadalupe	.80																			2.10									.12			3.02
Waco ‖	Brazos	.90		.06									.42									.24											1.62
Waxahachie	Trinity	.04											.90									.38											1.92
Weatherford	do	.47										.64	.03							T.													1.14
Wharton ‖	Colorado			.72									.99	.67								.90							.53				3.81
Wills Point	Sabine											.57									.05					T.			T.				0.62
Zapata	Rio Grande																																

* 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 May, 1911. District No. 8, Texas and Rio Grande Valley.*

Date.	Colorado.				New Mexico.																Texas.							
	Garnett.		San Luis.		Agricultural College.		Carlsbad.		Fort Stanton.		Mountain-air.		Rosedale.		Roswell.		Santa Fe.		Santa Rosa.		Abilene.		Big Springs.		Brownsville.		Corpus Christi.	
	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....	59	24	60	27	77	35	75	45	59	32	69	29	67	34	67	39	61	38	64	35	68	43	75	42	83	73	75	70
2....	66	21	63	28	82	42	79	54	72	32	72	32	70	38	78	45	65	40	76	39	67	53	74	42	83	62	71	59
3....	70	22	65	24	85	36	87	50	78	34	68	40	75	44	83	49	70	36	84	45	74	49	81	53	70	58	72	57
4....	73	23	74	28	88	38	85	55	76	33	71	37	75	45	80	48	73	40	78	48	75	54	80	62	80	65	78	67
5....	77	29	75	35	86	61	80	59	74	42	71	42	73	45	77	57	71	50	80	56	78	53	83	58	80	62	76	67
6....	77	39	73	38	84	51	84	55	75	38	79	45	73	46	84	50	70	47	85	49	80	58	84	56	81	61	77	70
7....	70	34	68	37	88	61	84	54	75	42	81	47	69	46	84	52	71	51	83	52	80	58	84	54	81	62	77	72
8....	71	40	71	37	88	54	85	55	75	41	63	42	73	44	84	50	73	47	82	51	81	58	82	56	82	64	77	73
9....	76	36	71	42	89	56	96	56	73	44	70	48	74	47	93	52	73	50	87	51	85	61	89	59	83	63	78	71
10....	61	40	63	44	85	55	92	62	71	48	74	33	72	52	86	54	61	39	78	55	92	64	94	64	83	67	78	72
11....	71	20	65	22	86	48	87	53	69	41	75	36	72	35	79	49	65	30	75	41	80	62	86	58	84	73	80	74
12....	71	32	70	33	88	65	85	60	75	45	70	44	70	45	80	56	70	47	81	50	86	62	86	59	85	73	85	69
13....	72	36	72	36	90	52	86	62	81	38	72	45	76	43	83	57	70	43	84	58	83	67	88	59	84	72	80	75
14....	72	30	63	37	85	62	74	61	68	47	78	52	73	46	73	56	66	46	74	59	83	66	82	60	84	66	79	75
15....	72	30	65	35	84	43	79	60	76	40	74	40	73	43	79	55	70	45	79	52	83	68	74	62	86	64	82	72
16....	71	23	67	28	86	39	81	56	80	35	80	34	76	37	83	55	69	38	83	45	82	66	82	59	86	61	81	74
17....	76	27	72	31	89	49	84	54	82	39	83	42	78	41	85	52	73	47	88	50	85	64	86	60	92	66	80	76
18....	74	34	71	35	88	46	93	56	81	37	84	41	78	52	89	53	74	39	87	50	89	66	95	63	89	70	82	74
19....	62	38	64	38	86	54	91	60	80	51	77	52	76	48	90	54	62	42	82	54	97	69	97	63	85	72	82	75
20....	57	30	53	29	74	45	89	54	70	45	67	34	63	37	69	47	55	32	70	46	76	54	87	56	88	74	81	66
21....	66	23	60	27	77	39	75	46	71	27	70	30	67	33	72	43	61	31	72	40	77	47	78	44	81	65	72	63
22....	71	27	71	26	85	40	89	46	80	29	79	39	72	39	85	43	69	36	83	43	90	55	91	53	83	60	80	60
23....	77	36	74	38	90	48	91	49	84	32	71	43	80	45	91	45	75	43	91	43	92	65	89	61	87	64	80	68
24....	78	36	75	37	93	59	91	55	84	31	70	49	82	47	91	49	77	47	93	54	90	63	92	63	88	65	80	73
25....	75	36	74	44	92	60	93	59	86	30	89	51	76	50	92	55	74	52	91	55	92	69	92	65	86	68	81	75
26....	67	42	63	47	86	60	94	64	79	52	83	49	76	51	90	61	68	45	86	59	90	66	92	65	87	68	80	73
27....	69	24	68	24	87	47	92	59	80	37	82	48	73	38	89	52	68	39	88	45	87	69	92	70	88	69	81	75
28....	77	29	67	29	90	51	90	62	77	45	80	37	78	46	85	63	69	52	80	53	87	67	86	68	86	69	82	77
29....	77	36	70	35	91	60	86	69	77	51	83	41	76	51	76	56	75	56	81	57	91	67	94	62	88	70	82	74
30....	80	31	73	35	96	57	94	64	84	44	81	50	80	48	87	58	78	56	90	60	94	71	97	70	92	63	85	73
31....	71	36	78	35	94	65	94	62	76	52	84	52	78	53	90	58	72	53	88	57	95	65	94	69	94	67	90	71
Mns.	71.2	31.1	68.3	33.6	86.7	50.9	86.6	56.6	76.4	39.8	76.0	42.1	74.0	44.2	83.0	52.0	69.3	43.7	82.0	50.1	84.2	61.3	86.6	59.2	84.8	66.3	79.5	70.6

Date.	Texas.																											
	Del Rio.		El Paso.		Fort McIntosh.		Fort Stockton.		Fort Worth.		Galveston.		Hallettsville.		Houston.		Lufkin.		Palestine.		Plainview.		San Antonio.		Seymour.		Taylor.	
	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....	79	54	72	47	90	62	75	47	69	45	78	67	72	61	78	63	74	58	68	50	65	34	75	56	72	36	68	53
2....	67	56	82	52	82	58	76	54	67	51	69	56	61	59	65	55	70	55	58	51	68	41	61	54	71	35	58	53
3....	77	56	85	51	81	59	88	51	74	47	68	56	73	55	69	55	77	47	72	46	76	50	72	55	78	52	70	47
4....	81	64	88	53	86	66	80	55	79	58	73	65	76	63	78	60	78	52	77	55	74	52	76	61	80	52	75	61
5....	81	59	82	61	85	60	78	55	75	58	73	64	79	58	78	62	74	58	74	55	75	46	79	57	80	53	78	60
6....	84	63	82	60	85	62	80	56	78	56	73	65	81	58	78	60	78	50	76	53	78	49	79	56	84	52	77	58
7....	85	63	84	61	86	61	79	57	81	57	75	65	83	55	80	58	79	50	80	53	77	47	80	57	86	52	78	56
8....	85	64	84	62	90	62	82	57	83	58	77	70	84	56	80	60	84	49	79	58	79	47	80	62	87	53	80	58
9....	88	64	89	61	93	66	94	56	85	62	77	71	84	59	82	63	84	57	81	57	88	51	84	61	91	65	82	59
10....	89	68	84	64	95	68	96	60	82	64	79	73	85	62	82	65	85	60	82	63	88	56	84	64	95	60	82	63
11....	83	69	83	56	96	69	85	62	77	64	79	68	90	71	81	65	83	64	70	66	75	44	87	63	85	57	86	62
12....	91	66	87	65	94	75	86	65	84	58	79	69	86	65	81	65	84	62	84	59	83	49	85	62	89	66	84	65
13....	91	73	89	66	95	74	83	65	85	68	79	64	86	68	85	69	86	67	83	69	84	60	83	69	92	61	84	67
14....	87	70	85	64	92	68	81	60	85	63	84	72	90	65	89	64	93	60	86	62	78	60	85	66	88	63	84	64
15....	85	70	85	60	94	69	74	56	92	65	81	75	89	70	90	70	94	62	90	68	69	55	86	63	91	64	89	66
16....	85	68	86	56	94	66	80	56	89	74	81	75	88	69	86	68	92	66	86	66	79	52	87	66	88	61	85	70
17....	85	70	89	62	94	69	82	55	87	71	79	75	86	71	85	67	90	65	86	67	80	51	85	68	92	60	85	67
18....	94	70	88	63	98	70	94	63	87	68	80	75	87	71	85	68	88	65	84	67	89	52	86	67	92	63	82	68
19....	101	70	86	63	97	69	93	63	94	70	81	76	87	73	86	71	88	66	86	70	85	52	88	70	83	61	86	70
20....	89	72	73	58	102	73	89	55	82	60	82	66	77	60	86	62	89	58	81	61	76	46	91	69	85	41	86	62
21....	88	63	77	49	95	66	78	43	81	52	80	66	85	58	80	62	84	52	78	55	71	42	84	61	85	52	82	56
22....	91	54	84	54	90	55	87	55	91	56	83	70	88	59	86	62	88	53	83	59	85	44	86	56	95	45	85	56
23....	92	58	90	60	90	66	88	55	94	64	84	72	89	63	88	64	94	62	88	66	89	42	88	56	98	52	87	58
24....	87	72	91	65	93	72	88	56	92	62	82	74	89	67	89	67	91	68	89	62	86	45	89	66	95	63	87	61
25....	91	72	92	66	93	71	89	64	92	67	82	75	90	71	87	68	89	67	89	70	87	54	88	70	95	63	87	67
26....	93	72	87	68	95	71	94	50	89	69	81	76	91	71	87	71	92	68	84	69	88	55	89	68	95	64	86	69
27....	92	73	88	62	96	73	92	64	90	69	82	74	91	72	87	72	93	68	87	69	88	54	88	71	94	56	88	68
28....	91	74	91	60	95	74	103	59	91	70	82	77	93	72	88	72	92	65	86	68	78	57	91	70	92	62	89	71
29....	94	75	92	66	97	73	103	66	92	71	84	77	93	68	91	73	92	66	90	70	80	51	90	72	89	58	90	71
30....	95	73	95	66	98	70	102	69	96	74	91	74	93	69	94	69	95	65	92	72	87	53	93	70	98	63	95	69
31....	98	71	93	65	100	71	107	61	103	72	93	78	95	68	97	72	96	65	96	73	88	63	96	67	101	62	96	69
Mns.	87.7	66.6	85.9	60.2	92.6	67.4	87.3	57.7	85.4	62.7	79.7	70.6	85.2	64.7	83.8	65.2	86.3	60.3	82.1	62.2	80.4	50.1	84.4	63.6	88.6	56.4	82.9	62.6

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