CLIMATOLOGICAL DATA FOR OCTOBER, 1912.

DISTRICT No. 2, SOUTH ATLANTIC AND EAST GULF STATES.

CHARLES F. VON HERRMANN, District Editor.

GENERAL SUMMARY.

Over the greater portion of the district fine weather prevailed during most of October, 1912. There were no noteworthy disturbances, the precipitation was generally small, the percentage of sunshine was high, roads remained in good condition and the season was favorable for farm work and the seeding of fall crops. Light frosts occurred in the northern portions of the district about the 3d and 4th and on the 17th, and heavier frosts were general, except near the coasts, about the 24th and 25th, and 28th and 29th, but as crops were well advanced toward maturity the resulting damage was small. Monthly mean temperatures were above normal in all sections, and during the period of greatest warmth, October 8 to 13, maximum temperatures above 90° were registered in all States in the district.

The precipitation as a whole was slightly below normal, the average being the smallest since May, 1911. A long period of fine weather prevailed during the first two weeks, broken in the south portion only by light showers about the 4th to 5th. Periods of dry weather also prevailed from the 16th to 18th and during the last week. During the unsettled weather of the 13th to 15th and 19th to 23d the rainfall was excessive over only very limited areas near the coasts.

Both of the rainy spells were associated with slight barometric depressions in the east Gulf, during which the atmospheric pressure did not fall below 29.8 inches. The lowest pressure for the month occurred in connection with a storm over the Atlantic Ocean off Hatteras, where the barometer fell to 29.74 inches on the morning of the 7th. The highest pressure occurred everywhere on the 16th, with a maximum of 30.48 inches at Richmond, Va.

TEMPERATURE.

Over most of the district the temperature averaged close to 2° above normal, the departure increasing to nearly 3° in Florida and the Mississippi area. The greatest departure at a regular weather bureau station was +4° at Tampa, Fla. After a few days of cool weather at the beginning of the month a period of very warm weather prevailed from the 8th to the 12th in the northern portion, continuing to the 13th or 15th in the southern portions of the district, during which the highest temperatures reached or exceeded 90° at a large number of stations. The excess in temperature was so marked that the subsequent brief periods of cooler weather could not annul the accumulated excess in temperature. In Georgia and Florida the month was the warmest October of record with only two exceptions, October, 1900 and 1911. The first and most general cool wave occurred about the 23d to 25th and the second on the 28th to 29th, with light to killing frosts at many stations.

The mean temperature for the entire district was 66° and the departure +2.2°. The State averages ranged from 60° for the Virginia area to 75° for Florida, while the means at individual stations generally ranged between 60° and 70°, except in Florida, where they were from 70° to 80° and in Virginia from 55° to 65°. The highest monthly mean was 80.3° at Key West, Fla., and the lowest 53.2° at Catawba, Va. The maximum temperature was 98° at Tarpon Springs and Tuskegee, Ala., on the 8th and the minimum 28° on the 2d at Catawba, Va., and on the 28th at Moncure, N. C.

PRECIPITATION.

The very moderate rainfall over most of the district during October was an agreeable feature of the weather for the month as well as the fact that outside of Florida it was not so scattering, but occurred in well-defined periods. The rainfall was decidedly below normal in the Carolinas and Virginia, normal in Georgia and Mississippi, and slightly above normal in Florida and Alabama. The excess in the States last named was caused by the heavy rainfall over very limited areas of western Florida in the vicinity of Pensacola, where the amount was over 8 inches, and in southern Alabama near Mobile where the total exceeded 11 inches. Fairly large amounts also occurred at Pascagoula, Miss., at St. Marys, Ga., and at several stations on the east coast of Florida. The large amount at Hatteras, N. C., was entirely local in character.

The average for the entire district was 2.47 inches or 0.53 inch below the normal. The largest amount was 11.26 inches at Mobile, Ala., and the least 0.08 inch at Tallahassee, Fla. The least precipitation occurred over eastern Virginia, in North Carolina, and the northeastern portion of South Carolina, and in the section from Apalachicola, Fla., to Thomasville, Ga., where it was less than an inch.

The most distinct periods of rainfall occurred from the 13th to the 15th and 18th to 23d, with excessive amounts at a few stations during both periods. The maximum 24-hourly amounts were Pascagoula, Miss., 3.78 inches, Mobile, 4.65 inches, and Pensacola, 6.58 inches, all on the 13th and 14th. At Pensacola portions of the city were flooded.

MISCELLANEOUS PHENOMENA.

The prevailing winds during the month were from the northeast in all portions of the district, except Virginia where they were from the south. The average hourly velocity for the month exceeded 10 miles at 4 stations, namely: Hatteras, Charleston, Pensacola, and Sand Key. Velocities exceeding 40 miles an hour were registered at but 2 stations, viz, Pensacola, Fla., 44 miles north on the 14th and 50 miles south on the 18th, and Sand Key 42 miles northeast on the 27th. The average

number of clear days was 16, of partly cloudy days 7, cloudy days 8, and rainy days but 5. The total number of hours of sunshine for the district determined from the records at 15 regular weather bureau stations was 226, which is 65 per cent of the possible amount. The maximum number of hours of sunshine occurred at Raleigh, N. C., where the percentage of the possible amount was 79 per cent.

RIVER CONDITIONS.

The flow of most of the rivers of Virginia and the Carolinas was decidedly below the normal during October, 1912. The Lynch and Santee Rivers in South Carolina were high at the beginning of the month owing to heavy rains at the close of September, but soon declined and no noteworthy rises occurred during the remainder of the month. The rivers were also low in Georgia, Alabama, and Mississippi, responding only moderately to the general rains of the 13th–14th and 18th–19th.

WINTER WEATHER IN FLORIDA—A COURTEOUS REJOINDER.[1]

WINTER WEATHER IN FLORIDA.

Florida, widely advertised as having "perpetual summer," or as one railroad puts it, "where every day is a June day," has been generally regarded as having a fountain of perpetual something or other ever since the days of Ponce de Leon. Its real climate, however, did not receive careful attention until large numbers of settlers were attracted by the recent land boom. In A. J. Henry's "Climatology of the United States" it is stated that in 1886 and 1894 frost destroyed practically all citrus fruits in the State, and in 1895 and 1899 trees in the northern counties were killed in that manner. During the past century there have been at least seven severe freezes in the State, during two of which, 1835 and 1899, practically a zero temperature prevailed over the interior of the northern and western counties. Snow has fallen over the greater portion of the State, and on February 7, 1835, when a temperature of 7° above zero was recorded in Jacksonville, the St. Johns River was frozen. A temperature of —2° F. has been recorded within the State. In all but 8 of the last 70 years freezing temperatures have occurred in Jacksonville. January last, an extremely cold month over much of the United States, was also severe in Florida. The isotherm of freezing reached as far south as the middle of the peninsula on the 16th. At Miami, latitude 26° N., the most southerly city on the mainland of the United States, frost was recorded on February 11. As a winter resort contrast Florida with certain parts of California. According to official reports, 42° F. was the lowest temperature recorded during January at both San Francisco and Los Angeles.

WINTER WEATHER IN FLORIDA.

By A. J. MITCHELL, Section Director, Jacksonville, Fla.

Under the above caption in Science for May 31, 1912, Mr. Andrew H. Palmer submitted some observations on Florida weather. The winter of 1911–12, in Florida, was by no means severe, but the temperature averaged low during January and February, as compared with the normal, the monthly departures during the winter months being: December, +5.1°; January, −0.6°, and February, −4.6°.

Mr. Palmer's statement that "Florida's climate did not receive careful attention until large numbers of settlers were attracted by the recent land boom," is rather gratuitous. For 40 years the weather bureau records of Florida have been consulted by people of broad intelligence in their search for truth regarding the climatology of the State. With regard to the statement: "In all but 8 of the last 70 years freezing temperatures have occurred in Jacksonville," a few supplementary facts are essential to a correct understanding. Mr. Palmer's figures were correctly copied from "Climatology of the United States," but included in that report were miscellaneous records that antedate those of the Weather Bureau, and, though given official cognizance to the extent of publication, yet the official life of local weather bureau data begins with the establishment of a station in Jacksonville in 1871. The records previous to 1871 were mostly by voluntary observers, and they are not recognized as coordinate in importance with those compiled under official supervision during subsequent years; hence to a certain extent they are taken cum grano salis. A freezing temperature in Jacksonville is not followed, necessarily, by similar conditions in the citrus belt, for Jacksonville sustains, approximately, the same relation to the rest of the State as Sacramento, Cal., does to the San Diego section.

The above qualifications are pertinent also in the matter of snowfall in Florida. During the severe blizzard of February, 1899, snow fell over the extreme northern portion of the State to the depth of several inches; that is, over an area of slightly more than 1° in latitude. This was the heaviest snowfall in Florida of which there is authentic record, and it is believed to be an expression of maximum intensity along that line. Certainly it was not exceeded during the century.

Mr. Palmer points out further: "The St. Johns River was frozen." My, that was a cold wave, indeed! The St. Johns River is from 1 to 5 miles wide, and 20 to 40 feet deep, with the usual tidal conditions that obtain in streams contiguous to the ocean. That this river, in latitude 30° N., should freeze over is a new science item of wonderful potentiality. Ice may have formed near the fringe of the river during the severe weather of 1835, but the St. Johns freezing, never! "Climatology of the United States," by Prof. Henry, stated: "The St. Johns was frozen several rods from the shore," quite a distinction from "The St. Johns was frozen."

As to the formation of frost at Miami on February 11, 1912, as alleged by Mr. Palmer, it is sufficient to say that the minimum temperature at Miami on the date named was 51°.

Florida covers an area of about 6° in latitude. Winter storms of the southwest type occasionally dip far southward, and, when followed by "highs" of great magnitude, it is obvious that wide temperature ranges must be the sequence to the rapidly shifting areas of high and low barometric pressure. Be it remembered, however, the most of the cold waves that reach the Gulf coast leave no icy touch over the lower peninsula. The great upper drift seems to pull the northern portion of our "highs" more rapidly eastward than the southern portion, thereby frequently converting what appeared primarily as an ominous condition into a harmless change of northeast winds and cloudy weather.

In contrasting Florida and California as winter resorts Mr. Palmer was unfortunate in his citation of temperatures, and, inferentially at least, left the impression that California, during the winter of 1911–12, was the elysian field of climatic perfection. Invidious comparisons are

[1] The article "Winter Weather in Florida," by Mr. Andrew H. Palmer, appeared in Science for May 31, 1912, under Notes on Meteorology and Climatology, and the reply by Mr. A. J. Mitchell in Science for Nov. 15, 1912.

TABLE 1.—*Climatological data for October, 1912. District No. 2, South Atlantic and East Gulf States.*

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.		
Virginia.																				
Arvonia	Buckingham	380	8	59.0	+ 2.3	90	10	31	27	40	1.04	− 2.24	0.32	0	5	20	6	5	sw.	Rev. Plummer F. Jones.
Ashland	Hanover	221	21	59.6	+ 1.8	88	10	34	28	33	1.13	− 2.47	0.62	0	3	22	6	3	s.	E. L. C. Scott.
Buchanan	Botetourt	820	8	.....	.....	.....	.....	.....	.....	.....	1.37	− 2.20	0.49	0	5	.....	.....	.....	.....	D. D. Booze.
Callaville	Brunswick	250	18	60.5	.....	92	10†	31	17†	40	1.27	.....	1.00	0	3	24	4	3	w.	F. M. Gage.
Cape Henry	Princess Anne	20	38	63.6	+ 1.5	86	12	43	17	24	0.62	− 3.26	0.31	0	5	17	8	6	ne.	U. S. Weather Bureau.
Catawba	Roanoke	1,760	1	53.2	.....	81	10	28	2	47	1.38	.....	0.60	0	4	22	6	3	w.	State Board of Health Sanitarium.
Charlottesville	Albemarle	800	23	61.4	+ 3.8	89	9	40	16†	42	2.11	− 1.37	0.82	0	5	19	4	8	s.	Leander McCormick Obs.
Clarksville	Mecklenburg	286	18	.....	.....	.....	.....	.....	.....	.....	1.81	− 1.83	1.01	0	4	.....	.....	.....	.....	J. A. Ligon.
Columbia	Fluvanna	246	14	57.6	+ 0.4	87	10	31	27†	37	1.17	− 2.30	0.44	0	4	23	1	7	ne.	Chesapeake & Ohio Ry.
Danville	Pittsylvania	413	12	.....	.....	.....	.....	.....	.....	.....	1.00	− 1.97	0.38	0	5	.....	.....	.....	.....	C. G. Watkins.
Diamond Springs	Princess Anne	25	2	63.9	.....	90	10	34	17	38	0.92	.....	0.32	0	5	25	3	3	.....	Va. Truck Experiment Sta.
Dry Bridge	Chesterfield	325	1	.....	.....	.....	.....	.....	.....	.....	1.09	.....	0.50	0	4	.....	.....	.....	.....	Dr. E. W. Magruder.
Hampton	Elizabeth City	5	29	64.0	+ 2.6	84	10	44	17†	24	0.70	− 2.63	0.64	0	2	21	1	9	ne.	Normal & Agricultural Inst.
Hot Springs	Bath	2,195	20	54.8	+ 3.5	80	10	31	17†	40	1.77	− 1.25	0.84	0	3	24	6	1	.....	F. M. Terry.
Ivor	Southampton	87	3	61.2	.....	91	10†	32	17†	47	1.65	.....	0.95	0	2	.....	.....	.....	.....	N. & W. Ry. Exp. Farm.
Lassiter	Goochland	100	2	.....	.....	.....	.....	.....	.....	.....	0.95	.....	0.45	0	4	25	3	3	.....	T. J. Davis.
Lexington	Rockbridge	1,060	35	56.2	.....	87	10	30	26†	36	1.36	.....	0.50	0	5	23	3	5	.....	Virginia Military Institute.
Lynchburg	Campbell	685	41	59.5	+ 2.5	90	10	34	27	39	0.96	− 2.42	0.47	0	6	19	7	5	n.	U. S. Weather Bureau.
Newport News	Warwick	55	9	63.7	.....	88	12	37	17	37	0.87	.....	0.55	0	4	20	8	3	ne.	C. W. Ashby.
Norfolk	Norfolk	91	42	63.6	+ 2.3	88	10	45	28	30	0.78	− 3.13	0.45	0	4	19	8	4	s.	U. S. Weather Bureau.
Randolph	Charlotte	334	8	.....	.....	.....	.....	.....	.....	.....	0.99	.....	0.41	0	3	27	2	2	.....	W. J. Abbitt.
Richmond	Henrico	144	33	60.2	+ 0.4	90	10	35	17	36	0.58	− 2.74	0.38	0	5	16	10	5	s.	U. S. Weather Bureau
Roanoke	Roanoke	907	2	57.2	.....	84	10	33	27†	37	1.37	.....	0.58	0	4	24	4	3	e.	Reese F. Bell.
Rocky Mount	Franklin	1,150	18	57.5	+ 0.4	88	10	31	17†	41	1.39	− 2.49	0.60	0	5	.....	.....	.....	.....	G. W. B. Hale.
Ruckersville	Greene	625	1	58.8	.....	91	10	30	27	41	1.82	.....	0.74	0	5	.....	.....	.....	.....	Dr. Jesse Ewell.
Williamsburg	James City	70	21	62.2	+ 3.4	88	10†	35	28	33	2.10	− 1.23	1.40	0	3	23	5	3	sw.	Eastern State Hospital.
North Carolina.																				
Albemarle	Stanly	700	....	61.8	.....	92	10	31	28	45	1.91	.....	1.44	0	6	25	1	5	ne.	M. J. Harris.
Belhaven	Beaufort	4	3	66.0	.....	88	13	38	27	40	1.43	.....	0.58	0	4	20	7	4	ne.	A. L. Bell.
Brewers	Wilkes	1,950	15	60.5	+ 1.7	91	11	33	27	43	2.37	− 1.89	0.95	0	6	17	7	7	w.	W. L. Brewer.
Caroleen	Rutherford	806	12	61.2	+ 1.4	86	10	34	25	37	2.15	− 0.30	1.01	0	4	20	4	7	s.	S. B. Tanner.
Chalybeate Springs	Harnett	500	6	61.8	.....	91	10†	30	28	43	2.09	.....	1.60	0	6	23	3	5	ne.	J. A. Smith.
Chapel Hill	Orange	500	54	62.1[d]	+ 2.2	93	10	35	17†	48	0.99	− 2.26	0.86	0	4	22	6	3	.....	Prof. A. H. Patterson
Charlotte	Mecklenburg	773	36	62.4	+ 1.3	88	10	40	24	29	1.14	− 2.01	0.62	0	5	15	8	8	ne.	U. S. Weather Bureau.
Chimney Rock	Rutherford	1,150	2	61.8	.....	89	10	38	30	38	1.50	.....	0.71	0	5	20	9	2	w.	J. M. Flack.
Durham (near)	Durham	406	3	.....	.....	.....	.....	.....	.....	.....	1.12	.....	0.76	0	2	.....	.....	.....	.....	J. C. Michie.
Eagletown	Northampton	66	7	62.2	.....	88	10	34	28	35	0.91	.....	0.36	0	5	23	5	3	sw.	J. T. Elliott.
Edenton	Chowan	30	18	62.4[b]	+ 1.0	86	11	35	28	33	1.15	− 3.26	0.40	0	3	.....	.....	.....	.....	E. R. Conger.
Elizabeth City	Pasquotank	8	....	63.8	.....	87	10	37	17	36	0.70	.....	0.50	0	2	22	7	2	n.	W. J. Simmons.
Enfield (near)	Halifax	99	1	.....	.....	.....	.....	.....	.....	.....	0.67	.....	0.45	0	3	.....	.....	.....	.....	T. S. Inborden.
Fayetteville	Cumberland	170	25	64.3	+ 2.3	91	11	37	28	37	1.51	− 1.98	0.96	0	2	21	3	7	nw.	Frank Glover.
Globe (near)	Caldwell	1,800	....	59.6	.....	86	10	33	27	40	1.89	.....	0.89	0	4	23	3	5	.....	Julius L. Gragg.
Goldsboro	Wayne	102	42	60.6	− 0.9	85	12	33	28	38	0.46	− 2.74	0.28	0	5	19	2	10	n.	Mrs. J. J. Robinson.
Gorge (near)	Caldwell	1,358	....	57.8	.....	85	10	31	27	40	2.88	.....	1.67	0	4	9	17	5	ne.	A. J. Bagley.
Graham	Alamance	656	10	.....	.....	.....	.....	.....	.....	.....	1.35	− 1.60	0.77	0	6	.....	.....	.....	.....	Dr. W. R. Goley.
Greensboro	Guilford	843	31	59.4	− 0.8	85	11	39	17†	38	3.17	+ 0.26	1.76	0	5	.....	.....	.....	ne.	A. H. Horry.
Greenville	Pitt	75	19	.....	.....	.....	.....	.....	.....	.....	0.79	− 2.49	0.36	0	7	.....	.....	.....	.....	R. M. Hearne.
Hatteras	Dare	11	38	66.4	+ 0.3	81	12	51	25	18	8.63	+ 2.62	3.03	0	11	15	6	10	ne.	U. S. Weather Bureau.
Henderson	Vance	508	19	60.8	+ 1.1	87	10	38	27	31	2.14	− 1.02	1.08	0	5	20	8	3	ne.	Enoch Powell.
Kings Mountain	Cleveland	952	....	62.3	.....	87	10†	39	24†	30	1.18	.....	0.60	0	4	18	7	6	ne.	G. T. King.
Kinston	Lenoir	46	14	64.3	+ 1.9	91	11	32	28	43	0.43	− 2.20	0.26	0	3	18	5	8	n.	H. C. V. Peebles.
Lincolnton	Lincoln	994	7	59.4	.....	89	11	32	24†	40	1.92	.....	1.01	0	5	4	27	0	sw.	S. P. Houser.
Louisburg	Franklin	375	21	61.6	+ 2.7	89	11	32	28	39	1.77	− 1.13	0.98	0	3	24	2	5	w.	T. B. Wilder.
Lumberton	Robeson	102	29	63.6	+ 1.9	90	10	33	28	44	0.28	− 2.94	0.16	0	4	.....	.....	.....	ne.	B. M. Davis.
Manteo	Dare	12	7	63.2	.....	83	10†	42	28	39	1.24	.....	0.54	0	5	17	7	7	ne.	U. S. Weather Bureau.
Marion	McDowell	1,425	20	60.0	+ 1.5	88	10	34	25	39	1.93	− 2.30	0.83	0	6	23	2	6	w.	Sergt. Thomas McGuire.
Middletown	Hyde	4	1	63.5[b]	.....	83	14	40	28†	33	2.84	.....	1.41	0	6	20	3	8	n.	J. S. Mann.
Moncure	Chatham	145	19	60.1	+ 0.2	92	10	28	28	46	0.60	− 1.89	0.48	0	6	22	5	4	nw.	B. J. Utley.
Monroe	Union	586	18	61.6	+ 2.6	89	10	31	28	41	1.73	− 1.76	0.85	0	3	23	2	6	ne.	T. A. Ashcraft.
Morganton	Burke	1,135	25	60.0	+ 2.7	89	10	33	27	41	2.16	− 1.46	1.38	0	4	24	0	7	se.	J. B. P. Massey.
Mount Airy	Surry	1,048	24	59.6	+ 3.5	89	10	31	28	45	1.85	− 0.84	0.79	0	6	22	2	7	s.	Prof. A. H. Merritt.
Nashville	Nash	190	8	61.0	.....	89	11	31	28	39	0.97	.....	0.62	0	4	18	6	7	e.	J. B. Boddie.
Neuse	Wake	266	....	.....	.....	.....	.....	.....	.....	.....	2.31	.....	1.60	0	3	.....	.....	.....	.....	Gaston H. Mooneyham.
Newbern	Craven	12	30	62.6	− 0.2	90	13	34	28	42	1.09	− 2.72	0.53	0	6	10	14	7	ne.	J. B. Hill.
North Wilkesboro (near).	Wilkes	1,700	....	60.8	.....	87	10	40	24	31	2.65	.....	1.35	0	3	.....	.....	.....	w.	Dr. Charles A. Willis.
Parkersburg	Sampson	121	....	63.4[a]	.....	90	10†	30	28	46	0.35	.....	0.30	0	2	22	4	5	n.	E. J. Conway.
Pinehurst	Moore	659	8	63.6	.....	91	10†	37	17	38	0.46	.....	0.22	0	5	21	9	1	sw.	General Office.
Raleigh	Wake	390	41	62.6	+ 2.1	89	10	40	17	28	1.66	− 1.84	1.23	0	4	17	8	6	ne.	U. S. Weather Bureau.
Ramseur	Randolph	442	5	60.6	.....	90	11	30	28	47	1.52	.....	0.76	0	5	21	5	5	n.	A. H. York.
Randleman	do	810	7	.....	.....	.....	.....	.....	.....	.....	1.41	.....	0.65	0	6	.....	.....	.....	.....	J. R. Walton.
Reidsville	Rockingham	828	13	62.1	+ 4.5	92	10	40	17†	37	1.51	− 0.98	0.90	0	6	20	3	8	ne.	E. M. Reed.
Rock House	Macon	3,100	20	57.3	+ 1.6	79	10	32	24	32	2.91	− 1.93	1.72	0	8	18	7	6	se.	Barry C. Hawkins.
Rockingham	Richmond	210	17	62.2[b]	+ 0.6	88	11	33	27	36	1.88	− 1.49	0.95	0	5	.....	.....	.....	.....	H. S. Ledbetter.
Rocky Mount	Nash	105	1	.....	.....	.....	.....	.....	.....	.....	0.55	.....	0.40	0	2	.....	.....	.....	.....	G. P. Womble.
Salem	Forsyth	1,000	17	59.3	+ 1.6	88	10	31	28	40	1.62	− 1.06	1.30	0	3	.....	.....	.....	.....	Rev. H. E. Rondthaler.
Salisbury	Rowan	760	28	61.8	+ 2.5	91	10	35	28	45	0.85	− 2.33	0.70	0	3	22	1	8	n.	Miss Thelma Wilkinson.
Scotland Neck	Halifax	80	8	60.0[c]	.....	85	10	30	28	39	0.61	.....	0.35	0	5	.....	.....	.....	.....	J. Y. Savage.
Settle	Iredell	700	16	59.8	+ 1.2	90	10	34	27†	42	1.72	− 0.93	1.03	0	5	19	4	8	sw.	C. H. Smith.
Sloan	Duplin	50	19	62.5[c]	− 0.2	88	10†	32	28	42	0.38	− 3.66	0.16	0	3	20	4	7	n.	D. M. Sholar.
Smithfield	Johnston	151	22	61.9	+ 1.4	92	11	31	28	43	0.48	− 2.49	0.31	0	5	19	5	7	ne.	Edwin S. Sanders.
Snow Hill	Greene	80	7	62.8[a]	.....	92	11	30	28	44	0.59	.....	0.36	0	3	18	8	5	n.	L. J. H. Mewborn.
Southport	Brunswick	18	57	66.6	+ 0.8	85	7	42	24†	28	2.19	− 2.68	1.33	0	6	16	9	6	e.	Mrs. C. E. Taylor.
Statesville	Iredell	950	24	61.8	+ 5.1	90	10†	36	25†	40	3.53	+ 0.13	2.38	0	5	17	7	7	sw.	D. Matt Thompson.
Tarboro	Edgecombe	50	27	63.4	+ 2.3	93	11	32	28	42	0.62	− 2.97	0.34	0	5	20	3	8	ne.	E. V. Zoeller.
Weldon	Halifax	81	40	60.0	+ 0.7	86	10†	33	28	42	1.22	− 2.22	0.54	0	5	17	9	5	nw.	H. S. S. Copper.
Whiteville	Columbus	59	7	63.4	.....	88	10	30	28	44	0.58	.....	0.27	0	4	23	3	5	ne.	J. D. Maultsby.
Willard	Pender	51	4	62.6	.....	87	11	31	28	42	0.40	.....	0.25	0	2	19	4	8	s.	J. H. Jefferies.
Wilmington	New Hanover	52	41	64.8	+ 1.5	84	10	43	28	27	1.02	− 2.72	0.46	0	8	14	8	9	n.	U. S. Weather Bureau.

TABLE 1.—*Climatological data for October, 1912. District No. 2*—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.
South Carolina.																				
Aiken	Aiken	565	27	66.4	+ 0.7	90	13	44	25†	32	1.35	− 1.25	0.95	0	2	22	0	9	ne.	C. E. Carman.
Allendale	Barnwell	186	23	66.6[a]	+ 2.1	88	13	39	29	39	2.53	+ 0.25	1.20	0	3	17	1	13	.....	Richard Hiers.
Anderson	Anderson	764	10	65.1	+ 3.9	90	7†	37	24	35	4.09	+ 1.26	2.76	0	5	17	3	11	e.	H. H. Russell.
Batesburg	Lexington	656	23	65.6	+ 3.0	89	12	38	24	36	1.66	− 1.41	0.81	0	5	21	2	8	s.	E. J. Hite.
Beaufort	Beaufort	20	25	68.2[a]	+ 0.4	84	11†	46	24	35	3.07	− 0.18	1.60	0	4	18	7	6	ne.	Miss Lillian H. Rice.
Blackville	Barnwell	296	22	65.6	+ 1.5	87	8†	38	29	40	1.40	− 1.46	0.70	0	8	12	8	11	nw.	Miss M. E. Lange.
Blairs	Fairfield	293	6	.....	.....	.....	.....	.....	.....	.....	2.81	.....	1.77	0	5	22	3	6	ne.	John R. Ragsdale.
Bowman	Orangeburg	160	10	66.2	+ 2.4	89	13	34	28	42	0.98	− 4.62	0.42	0	5	21	4	6	w.	B. O. Evans.
Broxton	Hampton	.....	1	.....	.....	.....	.....	.....	.....	.....	1.50	.....	0.92	0	4	12	4	15	.....	Thomas D. Williams.
Calhoun Falls	Abbeville	508	18	.....	.....	.....	.....	.....	.....	.....	2.84	+ 0.07	0.92	0	4	16	10	5	w.	L. M. Parker.
Camden	Kershaw	222	45	65.7	.....	89	13	36	28	39	1.45	− 1.27	0.78	0	4	23	3	5	ne.	W. C. Brown.
Catawba	York	562	6	.....	.....	.....	.....	.....	.....	.....	2.18	.....	0.82	0	6	17	3	11	n.	James C. Faris.
Chappells	Newberry	402	6	.....	.....	.....	.....	.....	.....	.....	2.54	.....	1.52	0	4	22	0	9	sw.	J. J. Murran.
Charleston	Charleston	48	41	68.0	+ 0.9	83	7	49	24	22	0.98	− 2.95	0.62	0	7	12	12	7	n.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	23	64.0[a]	+ 3.3	88	12	35	28	39	0.85	− 1.82	0.34	0	6	17	5	9	nw.	J. H. Powe.
Clemson College	Oconee	850	20	61.2	+ 0.1	80	10	35	24	29	4.88	+ 2.10	3.40	0	4	19	4	8	w.	Prof. John H. Hook.
Columbia	Richland	351	25	65.2	+ 1.2	88	13	42	24	30	1.47	− 1.38	1.13	0	5	18	7	6	ne.	U. S. Weather Bureau.
Conway	Horry	25	19	67.0	+ 4.2	92	12†	32	29	50	0.88	− 2.42	0.38	0	4	21	0	10	e.	Paul Quattlebaum.
Darlington	Darlington	175	16	64.1[c]	.....	87	13†	33	28	41	0.53	− 2.09	0.14	0	5	21	1	9	.....	D. C. McCall.
Dillon	Dillon	100	7	63.6[c]	+ 0.4	89	13†	37	29	42	0.81	− 2.26	0.35	0	5	.....	.....	.....	.....	A. E. Rowell.
Edisto	Bamberg	127	24	.....	.....	.....	.....	.....	.....	.....	2.57	.....	1.28	0	5	21	2	8	ne.	Nathan Jenkins.
Effingham	Florence	106	19	.....	.....	.....	.....	.....	.....	.....	0.52	− 2.41	0.27	0	2	22	0	9	n.	H. B. McCall.
Ferguson	Berkeley	51	3	65.0	+ 2.1	87	13	38	28	37	3.73	+ 0.73	3.10	0	5	19	1	11	ne.	Dr. J. R. Des Portes.
Georgetown	Georgetown	12	18	66.4	+ 1.6	83	13†	41	28	35	2.30	− 1.08	1.30	0	3	21	6	4	.....	A. P. Hazard.
Greenville	Greenville	989	19	61.8	+ 2.0	88	7†	34	24	37	3.03	+ 0.27	1.24	0	7	21	2	8	ne.	Spartan Goodlette.
Greenwood	Greenwood	671	23	63.7	+ 2.1	88	13	38	24	35	4.24	+ 1.69	2.48	0	4	20	0	11	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	10	63.2	.....	86	13†	37	24	37	1.72	.....	0.95	0	5	13	10	8	ne.	Charles Bowers.
Kingstree	Williamsburg	54	23	64.6	+ 0.3	91	13	33	28	44	1.42	− 1.08	0.72	0	3	18	0	13	n.	A. O. Matthews.
Liberty	Pickens	900	17	62.3	+ 2.4	87	10	33	24	34	3.56	+ 0.69	2.80	0	5	20	3	8	ne.	John T. Boggs.
Little Mountain	Newberry	711	18	66.0	+ 2.5	89	9†	39	24	35	2.07	− 0.76	1.80	0	4	25	1	5	n.	J. M. Sease, M. D.
Meriwether	Edgefield	.....	2	64.5	.....	90	13	37	24†	40	2.07	.....	1.50	0	7	11	6	14	.....	William S. Middleton.
Monetta	Aiken	.....	.....	65.7	.....	89	13†	39	24	33	1.33	.....	0.61	0	6	21	3	7	ne.	Joseph M. Johnson.
Newberry	Newberry	502	7	64.4	+ 2.5	89	13	37	29	37	2.96	+ 0.12	2.58	0	5	10	13	8	e.	W. G. Peterson.
Pelzer	Anderson	873	6	.....	.....	.....	.....	.....	.....	.....	2.96	.....	0.98	0	6	19	0	12	w.	J. M. Ward.
Pinopolis	Berkeley	55	18	.....	.....	.....	.....	.....	.....	.....	2.58	− 0.40	1.15	0	4	19	7	5	nw.	Miss E. P. Ravenel.
St. George	Dorchester	109	23	64.7	+ 0.8	86	13	39	29	36	1.65	− 0.51	0.96	0	5	22	0	9	.....	G. F. Lewis.
St. Matthews	Calhoun	209	23	64.6	+ 1.0	85	13	42	28	33	1.04	− 1.41	0.55	0	6	18	0	13	w.	J. S. Wannamaker.
Saluda	Saluda	530	9	68.2	.....	94	13	32	29	48	3.38	.....	2.00	0	4	21	4	6	w.	Mrs. F. V. J. Maxwell.
Santuc	Union	572	16	63.3	+ 2.4	88	7	37	25	33	3.90	+ 0.77	2.78	0	5	14	10	7	ne.	E. W. Jeter.
Smiths Mills	Williamsburg	62	16	.....	.....	.....	.....	.....	.....	.....	1.20	− 2.24	0.38	0	4	17	1	13	e.	W. G. Walker.
Society Hill	Darlington	75	14	65.4	+ 4.1	88	13†	38	27	43	0.57	− 2.54	0.18	0	5	20	5	6	ne.	T. Ellison Simpson.
Spartanburg	Spartanburg	875	20	61.4	+ 0.7	89	9	35	24	40	2.74	+ 0.26	1.17	0	5	17	0	14	.....	F. P. Robinson.
Summerville	Dorchester	75	14	65.8	+ 1.4	84	13	42	24	32	2.19	− 0.46	1.08	0	8	11	15	5	e.	Miss E. H. Gadsden.
Trenton	Edgefield	620	18	64.4	+ 0.5	88	12†	41	24	33	2.35	− 0.79	1.95	0	5	15	9	7	e.	C. A. Long.
Walterboro	Colleton	69	7	67.8[b]	.....	91	13	40	28†	40	3.05	.....	1.25	0	5	27	1	3	.....	B. Levy.
Winnsboro	Fairfield	545	21	63.8	+ 0.5	86	13	41	25	27	2.60	− 0.50	0.90	0	4	25	2	4	se.	J. W. Seigler.
Winthrop College	York	690	12	63.6	+ 2.6	87	12	40	24†	31	1.05	− 1.38	0.75	0	3	17	8	6	ne.	W. P. Goodman.
Yemassee	Hampton	23	16	65.2	+ 0.8	87	13†	40	24†	40	2.95	+ 0.38	1.50	0	8	19	0	12	ne.	J. G. Hutson
Georgia.																				
Abbeville	Wilcox	180	9	.....	.....	.....	.....	.....	.....	.....	0.98	.....	0.37	0	4	.....	.....	.....	e.	W. H. Calhoun.
Adairsville	Bartow	772	20	62.6	+ 1.4	83	8†	37	28	33	3.65	+ 1.37	1.85	0	3	.....	.....	.....	.....	Mrs. R. C. Evins.
Albany	Dougherty	232	25	70.8	+ 3.3	91	4	42	25	33	3.73	+ 1.46	2.37	0	6	12	4	15	ne.	George C. Brosnan.
Allapaha	Berrien	293	23	69.2	+ 2.6	90	8	42	25	33	3.22	+ 0.78	1.51	0	6	9	8	14	ne.	J. F. Rice.
Americus	Sumter	362	27	66.8	+ 0.7	90	7†	39	25	38	2.30	+ 0.11	1.00	0	5	.....	.....	.....	e.	Mrs. Josephine Lamar.
Athens	Clarke	694	30	63.2	+ 3.7	87	8	35	24	36	2.25	− 0.27	0.99	0	8	.....	.....	.....	ne.	C. D. Cox.
Atlanta	Fulton	1,218	47	64.0	+ 2.4	84	8	37	24	25	4.62	+ 2.31	2.76	0	8	12	9	10	e.	U. S. Weather Bureau.
Augusta	Richmond	180	66	65.8	+ 1.5	86	8	40	29	34	2.16	− 0.17	1.84	0	7	15	8	8	nw.	Do.
Bainbridge	Decatur	119	20	69.4	+ 2.2	90	8†	40	25	36	1.13	− 1.27	0.65	0	5	.....	.....	.....	sw.	Mrs. C. O. Wimberley.
Butler	Taylor	650	11	.....	.....	.....	.....	.....	.....	.....	2.32	− 0.20	0.95	0	4	.....	.....	.....	ne.	Mrs. M. F. Wallace.
Camak	Warren	613	20	64.5	+ 1.4	88	8	38	24†	42	1.87	− 0.70	1.64	0	3	.....	.....	.....	.....	J. A. Chapman.
Canton	Cherokee	894	21	.....	.....	.....	.....	.....	.....	.....	4.50	+ 1.81	2.30	0	4	15	5	11	ne.	G. W. Evans.
Carlton	Madison	557	13	.....	.....	.....	.....	.....	.....	.....	1.88	− 0.47	0.48	0	6	.....	.....	.....	w.	M. C. Power.
Clayton	Rabun	2,100	18	60.8	+ 3.8	83	10	35	29	34	3.47	− 0.46	2.00	0	5	.....	.....	.....	e.	A. J. Duncan.
Columbus	Muscogee	262	24	68.8	+ 2.7	91	8	43	24†	35	4.46	+ 1.84	2.94	0	5	11	4	16	nw.	A. J. Land.
Concord	Pike	850	.....	64.4	.....	88	8	38	24	35	2.43	.....	1.15	0	5	.....	.....	.....	.....	C. T. Smith.
Covington	Newton	800	20	.....	.....	.....	.....	.....	.....	.....	3.20	+ 0.41	1.50	0	4	8	13	10	e.	Mrs. S. E. Cruse.
Dahlonega	Lumpkin	1,519	20	61.2	+ 1.7	83	8†	37	24	30	4.61	+ 1.58	2.70	0	5	11	15	5	se.	Prof. B. P. Gaillard.
Diamond	Gilmer	2,020	20	60.6[a]	+ 3.5	83	8†	33	24	37	2.97	− 0.18	2.60	0	3	20	6	5	.....	R. A. Kimzey.
Dublin	Laurens	452	18	66.0	.....	91	12	38	24†	43	1.30	− 0.51	0.37	0	7	19	5	7	n.	Mrs. M. E. Martin.
Eastman	Dodge	361	20	69.2	+ 3.1	92	8†	40	24	32	1.09	− 1.13	0.52	0	6	9	9	13	e.	Mrs. H. T. Bohannon.
Eatonton	Putnam	.....	8	65.7	.....	91	8	36	24	38	0.88	.....	0.45	0	4	.....	.....	.....	.....	Prof. W. C. Wright.
Elberton	Elbert	710	20	64.5	+ 1.5	86	8	36	24	30	2.37	− 0.37	1.35	0	5	18	7	6	e.	H. A. Roebuck.
Experiment	Spalding	946	12	65.4	+ 2.4	85	7†	40	24	29	2.58	+ 0.56	1.30	0	5	14	10	7	.....	M. V. Calvin.
Fort Gaines	Clay	166	24	69.5	+ 4.0	91	8†	41	24	40	2.57	+ 0.05	1.27	0	3	.....	.....	.....	ne.	Miss Eva T. Graham.
Gainesville	Hall	1,254	33	60.6	+ 0.7	85	10	32	24†	39	3.31	+ 0.63	1.36	0	7	11	7	13	e.	W. C. Walker.
Gillsville	do	1,052	21	.....	.....	.....	.....	.....	.....	.....	3.32	+ 0.67	2.13	0	5	.....	.....	.....	w.	George W. Lichtenstein.
Glennville	Tattnall	.....	7	68.0	.....	86	8	44	25	26	2.48	.....	1.69	0	6	17	9	5	e.	William C. Barnard.
Gore	Chattooga	.....	13	63.3	+ 2.6	90	8	34	24	40	1.76	− 2.24	1.42	0	4	.....	.....	.....	n.	H. M. Ponder.
Granite Hill	Hancock	.....	.....	65.8	.....	89	8	37	24	36	1.82	.....	1.48	0	4	15	8	8	e.	George White, jr.
Greensboro	Greene	598	10	63.4	.....	89	8	35	24†	43	2.44	− 0.52	1.43	0	7	13	7	11	e.	R. L. Caldwell.
Griffin	Spalding	975	23	64.7	+ 1.4	90	8	36	24	34	2.36	− 1.29	0.99	0	7	.....	.....	.....	.....	J. M. Mathews.
Harrison	Washington	378	13	.....	.....	.....	.....	.....	.....	.....	2.05	− 0.21	1.40	0	3	.....	.....	.....	e.	C. L. Wood.
Hawkinsville	Pulaski	235	16	67.8[a]	+ 3.2	88	8†	42	24	33	3.84	+ 1.24	1.96	0	5	.....	.....	.....	ne.	R. H. Wood.
Lisbon	Lincoln	326	5	64.2	.....	88	8†	34	28	32	1.49	.....	1.05	0	4	.....	.....	.....	.....	B. J. Du Bose.
Lost Mountain	Cobb	.....	12	.....	.....	.....	.....	.....	.....	.....	3.18	+ 0.67	2.20	0	3	.....	.....	.....	w.	A. N. Mayes.
Louisville	Jefferson	259	20	66.0	+ 1.5	84	8†	40	29	33	2.87	+ 0.51	1.40	0	6	22	5	4	.....	J. C. Little.
Lumber City	Telfair	150	3	.....	.....	.....	.....	.....	.....	.....	2.33	.....	0.75	0	7	11	6	14	e.	Walter A. Hilton.
Lumpkin	Stewart	650	18	.....	.....	.....	.....	.....	.....	.....	1.76	− 0.72	0.98	0	3	12	8	11	se.	A. W. Latimer.
Macon	Bibb	370	31	65.9	+ 1.4	87	8	40	24	33	1.50	− 0.54	0.55	0	10	10	11	10	ne.	U. S. Weather Bureau.
Marshallville	Macon	500	19	67.5	+ 2.0	92	8	38	24†	37	2.66	+ 0.38	1.36	0	5	14	9	8	w.	E. C. Bryan.
Milledgeville	Baldwin	276	24	65.5	+ 2.4	89	9	39	24†	32	1.45	− 0.81	0.93	0	5	.....	.....	.....	nw.	Prof. O. M. Cone.
Millen	Jenkins	158	24	67.9	+ 2.9	92	12	38	29	44	1.30	− 1.24	0.70	0	4	.....	.....	.....	ne.	M. G. McComb.
Montezuma	Macon	292	7	.....	.....	.....	.....	.....	.....	.....	1.51	.....	0.40	0	5	.....	.....	.....	ne.	J. C. Collins.
Monticello	Jasper	800	17	65.4	+ 2.4	89	8	37	24	32	2.03	− 0.70	0.83	0	9	.....	.....	.....	.....	Miss Maude C. Penn.

TABLE 1.—*Climatological data for October, 1912. District No. 2*—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.
Georgia—Continued.																				
Newnan	Coweta	959	23	64.2	+ 2.1	90	8	40	24†	37	3.23	+ 0.58	1.97	0	6				ne.	Mrs. Ida J. Milner.
Norcross	Gwinnett	1,078	2								5.18		3.04	0	6	15	6	10		W. O. Medlock.
Point Peter	Oglethorpe	600	23	62.9	+ 2.4	86	8	35	24	37	2.18	− 0.44	1.27	0	3					C. M. Witcher.
Poulan	Worth	365	21	70.8	+ 5.0	95	8	40	25	37	1.65	− 0.66	0.65	0	6					C. T. Merritt.
Putnam	Marion		12	66.6[a]	+ 1.5	93	8	37	24	44	3.60	+ 1.08	1.60	0	3					Mrs. J. M. Collum.
Quitman	Brooks	173	26	71.2	+ 3.4	91	8	44	24†	45	2.70	+ 0.62	1.08	0	4				ne.	A. B. Jones.
Ramhurst	Murray		19	63.4	+ 2.2	83	10†	35	24	32	1.66	− 0.96	0.93	0	3	18	7	6	s.	D. E. Humphreys.
Resaca	Gordon	657	18								1.62	− 0.79	1.12	0	4				n.	D. A. Norton.
Rome	Floyd	576	53	62.8	+ 1.0	88	8†	38	24†	38	3.89	+ 1.30	1.92	0	6	19	5	7	n.	W. M. Towers.
St. George	Charlton		5	71.0		90	8†	45	25	35	3.64		1.80	0	7	12	10	9	nw.	A. N. Lund.
St. Marys	Camden	20	21	71.4	+ 3.0	89	8	46	25	31	7.16	+ 3.39	2.25	0	10	8	11	12	ne.	David C. Sterling.
Savannah	Chatham	65	61	68.3	+ 1.4	85	8	48	24	22	1.93	− 1.10	1.26	0	6	8	12	11	ne.	U. S. Weather Bureau.
Statesboro	Bulloch	253	12	68.8	+ 2.9	93	13	44	24†	36	3.46	+ 1.25	2.84	0	5				n.	W. C. Cromley.
Talbotton	Talbot	750	18	67.6	+ 3.8	91	8†	38	24	37	3.28	+ 0.08	1.25	0	8				ne.	Dr. E. L. Bardwell.
Tallapoosa	Haralson	1,150	13	61.8	+ 0.1	90	8	36	24	36	4.20	+ 1.44	2.15	0	6				nw.	Frederick Ellison.
Thomasville	Thomas	273	30	70.3	+ 1.8	90	8	43	25	33	0.86	− 2.27	0.36	0	9	9	8	14	ne.	U. S. Weather Bureau.
Toccoa	Stephens	1,050	26	61.3	+ 1.0	86	8	34	24	36	4.52	+ 1.55	2.47	0	6				n.	Mrs. Alice N. Starke.
Valdosta	Lowndes	220	7	70.4		93	8	42	24†	39	4.00		1.70	0	4				w.	Miss Annie Twitty.
Valona	McIntosh	10	14			89	13												ne.	George E. Atwood.
Washington	Wilkes	630	21	64.6	+ 1.9	87	8†	40	24†	33	1.87	− 0.72	0.85	0	7				ne.	Miss Ella B. Smith.
Waycross	Ware	131	23	70.7	+ 2.6	93	13†	42	25	35	2.55	− 0.17	1.73	0	6				n.	Thomas Sasser.
Waynesboro	Burke	86	20	64.7	+ 1.3	90	8	35	25	47	0.80	− 1.48	0.40	0	3	12	7	12	e.	Mrs. H. W. Blount.
West Point	Troup	620	22	66.0	+ 2.2	88	8	39	25	43	4.02	+ 1.35	2.60	0	8				ne.	E. N. Dunn.
Woodbury	Meriwether	641	9								4.10		1.93	0	7	14	7	10	s.	E. T. Riggins.
Florida.																				
Apalachicola	Franklin	24	8	73.1		85	6†	52	24†	21	0.85		0.40	0	3	17	11	3	s.	G. H. Whiteside.
Arcadia	De Soto	61	11	78.0	+ 3.2	91	15	60	8	27	5.17	+ 1.37	1.11	0	14	14	16	1	e.	C. S. Bushnell.
Avon Park	do	150	13	77.2	+ 2.8	90	13†	62	28	19	3.29	− 1.14	1.40	0	13	17	12	2	ne.	William King.
Bartow	Polk	115	24	76.7	+ 2.9	91	13	56	8	32	4.06	+ 0.51	0.60	0	13	16	6	9	ne.	William Hood.
Blountstown	Calhoun		3	72.0		92	7	43	23†	38	2.37		1.67	0	3	11	9	11	e.	C. L. Hobbs.
Bradentown	Manatee	10	28	76.4	+ 2.5	90	13†	60	8	24	5.61	+ 2.79	2.00	0	6	16	14	1	ne.	H. H. Ten Broeck.
Brooksville	Hernando	126	19	76.7	+ 4.0	94	12†	53	24	32	5.17	+ 2.54	2.50	0	7	20	5	6	nw.	C. C. Peck.
Carrabelle	Franklin	10	13	72.8	+ 2.1	90	10†	44	24	33	0.42	− 2.57	0.42	0	1					J. J. Blomquist.
Cedar Key	Levy	10	23	75.8	+ 3.8	90	12†	56	24†	22	6.26	+ 3.46	1.68	0	8				ne.	J. B. Lutterloh.
Clermont	Lake	105	19	77.4	+ 3.0	95	13	61	26	28	4.58	+ 1.34	1.22	0	7	16	14	1	e.	S. S. Fesler.
De Funiak Springs	Walton	193	14	71.9	+ 3.8	92	7†	43	23	35	3.20	0	3.20	0	1	14	9	8	ne.	R. W. Storrs.
De Land	Volusia	27	15	74.8	+ 3.0	92	14†	49	26	37	2.65		1.90	0	7	3	26	2	ne.	A. C. Haynes.
Eustis	Lake	56	21	76.2	+ 3.4	94	14	55	25	33	3.95	+ 0.94	1.38	0	13	24	1	6	ne.	C. T. Smith.
Federal Point	Putnam	5	20	75.0	+ 3.8	92	14	56	8†	35	1.74	− 3.32	0.47	0	9	14	12	5	ne.	E. S. Hubbard.
Fenholloway	Taylor	75	5	72.7		90	8†	48	27	35	5.64		4.05	0	4	5	3	23	ne.	J. Wigglesworth.
Fernandina	Nassau	10	19	72.7	+ 1.9	88	14	52	24†	21	8.49	+ 3.24	2.29	0	15	10	8	13	ne.	W. B. C. Duryee.
Fort Meade	Polk	125	23	77.8	+ 4.1	94	15	56	8	30	5.22	+ 1.38	2.12	0	9	19	10	2	ne.	G. L. Brodrick.
Fort Myers	Lee	12	40	77.4	+ 2.2	89	13†	64	8	20	5.43	+ 2.15	1.14	0	11	19	11	1	e.	Miss M. M. Gardner.
Fort Pierce	St. Lucie	6	11	78.6	+ 2.8	90	23	67	27†	18	6.10	+ 0.11	1.10	0	13	9	17	5	e.	T. C. Nicholson.
Gainesville	Alachua	176	18	74.4	+ 3.4	94	13	50	24†	36	4.14	+ 1.66	2.18	0	7	15	3	13	ne.	John Schnabel.
Grasmere	Orange	175	14	75.1	+ 2.6	92	13	56	25	30	3.54		1.00	0	13	22	8	1		J. B. Escott.
Hilliard	Nassau	69	3	72.6		90	8†	45	25	33	4.10		2.85	0	3					B. A. Tibbits.
Hypoluxo	Palm Beach	9	16	79.7	+ 2.6	92	1	63	30	21	5.70	− 5.54	1.09	0	17	14	15	2	e.	G. A. Angevine.
Inverness	Citrus	43	12	75.0	+ 2.8	90	12†	56	8†	31	3.73	+ 1.77	1.60	0	6	0	22	9	ne.	W. H. Miller.
Jacksonville	Duval	101	42	73.2	+ 3.6	91	14	51	24	24	3.17	− 1.89	1.81	0	9	10	11	10	ne.	U. S. Weather Bureau.
Jasper	Hamilton	152	11	71.3	+ 2.2	92	13	44	24†	37	3.60	+ 2.13	2.00	0	5	7	9	15	e.	Mrs. W. C. Caldwell.
Johnstown	Bradford	125	12								3.02	− 0.02	1.95	0	5	8	18	5		A. M. C. Brasch.
Key West	Monroe	14	41	80.3	+ 1.6	88	1	65	23	16	6.17	+ 0.79	2.38	0	17	8	17	6	e.	U. S. Weather Bureau.
Kissimmee	Osceola	65	19	76.7	+ 2.1	92	14	61	8†	29	4.38	− 0.22	1.42	0	9	6	20	5	ne.	J. A. Simpson.
Lake City	Columbia	210	27	72.2	+ 3.1	92	13	48	25	34	5.41	+ 2.71	3.10	0	4	11	9	11	ne.	W. B. Knight.
Lucerne Park	Polk	210		78.4		91	8†	63	18	26	6.75		2.41	0	11	8	22	1	ne.	L. D. Niles.
Macclenny	Baker	125	15	72.6	+ 2.4	92	14	47	25†	35	5.66	+ 2.88	2.70	0	8	11	12	8		Griffing Bros. Co.
Madison	Madison	200	12	72.2	+ 2.6	92	8	47	24	33	2.63	+ 0.04	1.99	0	6	9	1	21	ne.	E. J. Vann.
Malabar	Brevard	24	18	78.0[c]	+ 2.8	89	14†	65	11†	21	6.98	− 0.06	2.20	0	14				ne.	J. F. Farley.
Marianna	Jackson	80	9	70.7	+ 2.9	92	12	43	24	39	0.60	− 2.47	0.26	0	6	15	5	11	nw.	W. J. Watson.
Merritts Island	Brevard	20	29	76.8	+ 1.4	87	14	65	8†	17	5.36	− 0.52	1.56	0	13	3	27	1	ne.	F. Ulrich.
Miami	Dade	47	10	79.6	+ 1.8	89	3	68	8	17	3.29	− 7.25	0.98	0	17	4	18	9	ne.	U. S. Weather Bureau.
Middleburg	Clay	10	11	72.2[d]	+ 1.8	91	14	48	24†	36	4.73	+ 0.21	1.30	0	7					G. A. Chalker.
Molino	Escambia	49	10	70.5	+ 3.7	92	8	43	25	34	7.12	+ 3.96	3.05	0	4	15	3	13	n.	W. H. Trimmer.
Monticello	Jefferson	207	8	71.7		90	8†	44	24	30	1.95		0.90	0	5	17	5	9	ne.	G. B. Miller.
Mt. Pleasant	Gadsden	260	6	70.4		90	8	39	25†	40	0.40		0.40	0	1				e.	Miss Addie Grubb.
New Smyrna	Volusia	9	27	75.6	+ 2.9	89	11	58	25	23	6.86	+ 0.77	2.25	0	11	5	20	6	n.	F. Nordman.
Observation Island	Palm Beach	30	1	78.8		91	1	63	31	16	1.28		0.43	0	5				ne.	F. K. Armstrong.
Ocala	Ocala	98	22	73.6	+ 1.7	91	12	53	25	28	1.82	− 0.85	0.46	0	7	15	11	5	se.	J. C. Caldwell.
Orange City	Volusia	39	18	74.6	+ 1.5	91	14	54	25†	33	1.85	− 2.50	0.89	0	7	15	13	3	e.	J. D. Graham.
Orlando	Orange	111	19	76.1	+ 2.7	89	13	61	25†	24	4.97	+ 0.31	2.12	0	9	12	12	7	e.	James Thomson.
Pensacola	Escambia	149	32	71.3	+ 1.9	88	7	47	25	26	8.62	+ 4.54	6.58	0	7	11	4	16	ne.	U. S. Weather Bureau.
Pinellas Park	Pinellas	20	1	75.6		91	14†	60	24	20	1.72		0.82	0	5	26	1	4	n.	R. H. McWhinney.
Plant City	Hillsboro	121	18	75.4	+ 2.0	89	13†	60	28	24	3.73	+ 1.05	2.00	0	5					E. B. Trask.
Rockwell	Marion	10	10	75.5[d]	+ 1.9	92	15	54	25	32	4.15	+ 2.32	2.76	0	4				ne.	Dunellon Phosphate Co.
St. Andrew	Washington	14	15	72.4	+ 3.2	90	12	47	25	31	4.85	+ 0.97	3.07	0	9	21	10	0	e.	W. A. Emmons.
St. Augustine	St. Johns	10	60	75.4	+ 3.2	90	8†	52	25	34	2.00	− 3.12	1.15	0	4	29	1	1	e.	E. F. Joyce.
St. Leo	Pasco	140	15	75.7	+ 2.7	90	13†	58	25†	27	5.72	+ 2.94	3.32	0	10	14	10	7	ne.	G. Schneider.
Sand Key	Monroe			79.4		89	1	66	29	14	5.65		1.92	0	17	13	13	5	e.	U. S. Weather Bureau.
Satsuma Heights	Putnam	98	4	73.4		90	15†	53	24†	29	5.05		2.00	0	9	18	9	4	ne.	Satsuma Co.
Switzerland	St. Johns	10	19	73.5[e]	+ 3.4	92	14	51	24	30	3.72	− 0.59	1.39	0	6					Mrs. W. C. Steele.
Tallahassee	Leon	192	25	70.7	+ 2.7	84	7†	46	24	21	0.08	− 3.02	0.03	0	3	11	10	10	ne.	W. H. Markham.
Tampa	Hillsboro	79	22	76.8	+ 4.2	91	14	61	28	23	1.50	− 1.47	0.58	0	9	16	10	5	ne.	U. S. Weather Bureau.
Tarpon Springs	Pinellas	20	27	77.0	+ 4.1	95	13	57	25	28	6.41	+ 4.24	2.65	0	9	21	9	1	w.	A. P. Albaugh.
Titusville	Brevard	16	16	76.6	+ 3.5	90	22	61	8	25	6.41	+ 1.16	1.55	0	18	10	13	8	e.	F. M. Taylor.
Wausau	Washington	250	12	70.4	+ 2.3	94	11	40	25	44	3.30	+ 1.06	2.40	0	2				s.	Curtis Jones.
Alabama.																				
Alaga	Houston	105	7								0.39		0.23	0	3					James L. Willis.
Andalusia	Covington	488				94	8†	50	24†					0						T. M. Campbell.
Anniston	Calhoun	728	21	64.4	+ 2.0	88	8	37	24	34	2.60	+ 0.26	1.18	0	8	14	8	9	se.	U. S. Weather Bureau.
Ashville	St. Clair	685	19	63.0	+ 1.7	86	8†	34	25	37[e]	5.10	+ 2.41	2.90	0	3	18	6	7		George R. Cather.
Auburn	Lee	732	30	68.6	+ 4.3	91	8	38	25	32	2.37	− 0.44	1.25	0	7	11	8	12	ne.	Dr. James T. Anderson.

TABLE 1.—*Climatological data for October, 1912. District No. 2*—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.
***Alabama*—Continued.**																				
Benton	Lowndes	148	11								3.84	+ 1.49	2.40	0	5					S. T. Pruitt.
Bermuda	Conecuh		25	68.2	+ 3.6	89	8	40	24	37	4.92	+ 2.49	2.32	0	5	13	12	6	se.	M. J. Morris.
Birmingham	Jefferson	701	24	65.6	+ 0.1	87	9	38	25	29	1.77	− 0.57	1.47	0	6	12	9	10	n.	U. S. Weather Bureau.
Calera	Shelby	500	11								3.09	+ 0.41	2.45	0	5					L. G. Privett.
Camp Hill	Tallapoosa	738	11	66.4	+ 1.8	92	10	36	28	38	1.70	− 0.03	0.76	0	5	6	16	9	s.	Dr. Lyman Ward.
Cedar Bluff	Cherokee	594	8								3.45		2.00	0	4					Joseph L. Daniel.
Citronelle	Mobile	331	24	70.2	+ 2.1	90	8	44	24	30	3.99	+ 0.98	1.60	0	7	12	10	9	n.	Rev. W. H. Rowe.
Clanton	Chilton	590	19	65.4	+ 2.2	93	8	40	24	41	3.93	+ 1.61	2.82	0	8					Joseph B. Downs.
Cordova	Walker	334	21	64.8	+ 3.1	90	9†	31	24	38	2.35	− 0.19	1.40	0	3	21	1	9	nw.	Scott Maxwell.
Cullman	Cullman	802	4	64.0		91	12	32	25	39	3.10		1.20	0	5	20	5	6	se.	Eugene A. Grayot.
Dadeville	Tallapoosa	760	7								0.97		0.74	0	4					Dr. W. B. Fulton.
Daphne	Baldwin		21	70.8	+ 2.2	90		43	24	29	5.63	+ 1.56	2.12	0	8	15	4	12	e.	John H. Young.
Demopolis	Marengo		20								1.89	− 0.20	1.50	0	5					George E. Pegram.
Dothan	Houston			69.6		86	9†	44	24	24	3.53		1.86	0	8				e.	L. G. Biggers.
Eufaula	Barbour	200	28	64.8	0.0	84	9	38	24	30	5.84	+ 3.50	2.04	0	8					Dr. J. B. Whitlock.
Evergreen	Conecuh	285	28	69.4	+ 4.4	92	8†	42	25	35	4.46	+ 2.46	2.10	0	4					George W. Salter.
Flomaton	Escambia	91	20	68.4	+ 2.4	87	3	42	25	35	3.13	+ 0.69	1.80	0	4	17	8	6	s.	T. J. Farris.
Fort Deposit	Lowndes	520	28	67.0	+ 2.1	95	8	42	24	30	2.35	+ 0.10	1.55	0	4					J. F. Hattemer.
Gadsen	Etowah	621	28	65.9	+ 4.0	91	10	40	24	36	3.40	+ 0.81	2.60	0	6					D. P. Goodhue.
Goodwater	Coosa	826	17	65.7	+ 1.8	92	8	39	24	33	2.18	− 0.21	1.70	0	5					Miss Daisy Bulce.
Greensboro	Hale	220	33	67.1	+ 2.7	88	8	42	24†	27	1.86	− 0.25	1.53	0	4					W. E. W. Yerby.
Greenville	Butler	444	11								1.85	− 0.14	0.52	0	4					E. M. Lewis.
Hamilton	Marion		16	64.8	+ 2.8	91	8	32	24†	40	2.49	− 0.14	1.36	0	3	24	0	7	n.	Prof. H. O. Sargent.
Healing Springs	Washington	362									3.87		2.62	0	5					James E. Lipscomb.
Highland Home	Crenshaw		20	69.1	+ 2.7	89	8†	43	24†	29	2.24	− 0.14	0.65	0	7	17	3	11	e.	Prof. Samuel Jordan.
Livingston	Sumter	160	28	66.0	+ 2.5	88	8	40	24	37	1.66	− 0.39	0.67	0	5					Robert L. King.
Lock No. 4	Talladega	510	15	65.4	+ 2.6	88	8†	38	24	39	5.00	+ 2.62	2.90	0	5	23	4	4	w.	U. S. Engineers.
Maple Grove	Cherokee		19	64.9	+ 4.2	92	8†	32	23	40	5.79	+ 3.24	2.81	0	8	14	9	8	nw.	Mrs. A. L. Awbrey.
Mentone	De Kalb	1,595	5								1.44		1.20	0	2					E. Mason.
Milstead	Macon		9								1.72		0.60	0	7					W. U. Wall.
Mobile	Mobile	84	40	70.4	+ 3.3	88	8	47	24	24	11.26	+ 8.08	4.65	0	6	13	4	14	n.	U. S. Weather Bureau.
Montgomery	Montgomery	240	40	67.8	+ 2.1	91	8	42	24	28	1.69	− 0.75	1.11	0	8	14	7	10	e.	Do.
Newbern	Hale		20	68.5	+ 3.0	93	8†	39	24	37	1.97	− 0.08	1.32	0	5	14	7	10	n.	Dr. J. Huggins.
Oneonta	Blount	857	18	63.4	+ 2.8	90	9	34	24	37	1.60	− 1.00	1.01	0	5	17	1	13	n.	Aquilla J. Ketchum.
Opelika	Lee	917	33	64.7	+ 0.6	82	8†	42	24†	25	2.40	− 0.51	0.87	0	7					A. H. Read, jr.
Ozark	Dale	400	10	68.8		89	9	38	24	33	5.30		3.30	0	4					James A. Scott.
Prattville	Autauga	281	12	66.3	+ 1.8	87	8†	36	25	37	2.88		1.35	0	3	17	5	9	e.	Joseph B. Bell.
Pushmataha	Choctaw		21	67.0	+ 3.0	90	8†	40	24	38	2.29	+ 0.02	0.79	0	5	7	14	10	n.	W. N. Horn.
Robertsdale	Baldwin	148									2.71		1.53	0	6					Carl Boseck.
Selma	Dallas	147	32	67.7	+ 2.0	93	8	40	24	37	4.08	+ 2.03	3.50	0	5					Charles F. Brislin.
Spring Hill	Mobile	312	8	70.5		91	8	45	24	30	7.96		3.30	0	8	15	3	13	n.	Spring Hill College.
Talladega	Talladega	554	22	65.2	+ 1.3	91	8	38	25	35	2.48	+ 0.34	1.05	0	5	14	6	11	e.	W. E. Henkel.
Tallassee	Elmore		21								1.16	− 0.87	0.66	0	6					P. A. Noble.
Thomasville	Clarke	385	21	65.8	+ 1.2	93	10	42	24†	31	2.88	+ 1.05	2.10	0	5					Miss H. T. Forster.
Troy	Pike	581	4	69.2		91	8†	42	24†	30	3.38		1.10	0	9	11	15	5	n.	F. L. Zimmermann.
Tuscaloosa	Tuscaloosa	230	31	65.8	+ 2.3	92	8†	39	24†	36	1.95	+ 0.03	1.26	0	5					W. S. Wyman.
Tuskegee	Macon		12	68.2	+ 0.8	98	8	40	25	38	2.05	− 0.03	1.18	0	2	8	13	10	n.	Prof. George W. Carver.
Union Springs	Bullock	216	25	67.1	+ 2.4	85	8†	40	24	29	2.67	− 0.30	1.08	0	5					P. L. Cowan.
Uniontown	Perry	273	26	69.0	+ 2.6	92	8	41	24	34	2.20	+ 0.12	1.13	0	5	10	16	5	e.	L. H. Moore.
Valley Head	De Kalb	1,031	27	63.2	+ 3.2	91	8	31	25	43	1.86	− 1.05	1.45	0	2	21	6	4	n.	M. T. Floyd, M. D.
Wetumpka	Elmore	205	20	68.5	+ 2.3	93	8	38	25	41	2.65	+ 0.45	1.24	0	4					U. S. Engineers.
Mississippi.																				
Aberdeen	Monroe	210	24	65.3	+ 4.2	91	8†	36	25	40	3.73	+ 1.76	2.84	0	3	19	3	9	n.	L. D. Godfrey, jr.
Agricultural College	Oktibbeha	424	22	66.6	+ 2.2	92	7	39	24†	36	5.60	+ 3.63	2.40	0	6	15	10	6	ne.	J. R. Ricks.
Bay St. Louis	Hancock	28	19	71.8	+ 3.0	90	7	49	25†	30	3.26	+ 0.38	1.23	0	8	19	3	9	ne.	Brother Stanislaus.
Biloxi	Harrison	24	21	71.8	+ 3.1	90	6†	48	24	28	6.73	+ 3.75	2.03	0	11	13	4	14	se.	Miss M. Josie Pope.
Booneville	Prentiss	504	18	64.4	+ 2.7	86	7†	37	24	32	1.76	− 0.83	0.75	0	3					Dr. D. T. Price.
Brookhaven	Lincoln	500	24	68.4	+ 3.0	94	8	40	26	38	0.89	− 1.51	0.35	0	6	14	7	10	e.	W. J. Bee.
Columbia	Marion	110	8								1.90		0.79	0	5	14	5	12	nw.	N. R. Drummond.
Columbus	Lowndes	191	24	65.9	+ 2.6	91	8	37	24	40	1.30	− 1.01	0.72	0	4	17	1	13	ne.	J. B. Love.
Crystal Springs	Copiah	468	20	68.3	+ 2.4	94	8	38	26	38	0.58	− 2.01	0.40	0	3	24	6	1		D. H. Miller.
Edinburg	Leake		4	65.8		90	8	36	24	40	2.12		1.92	0	4	18	7	6	n.	J. Y. Blocker.
Enterprise	Clarke	248	7								1.93		0.88	0	7					J. B. Thompson.
Hazelhurst	Copiah	460	22	69.0	+ 3.2	92	8†	39	26	37	0.64	− 1.94	0.38	0	5	11	5	15	ne.	J. D. Granberry.
Hickory	Newton	326	2								2.57		1.00	0	6	17	2	12	n.	T. N. McMullen.
Jackson	Hinds	280	25	68.7	+ 4.5	94	8	34	26	43	0.82	− 1.26	0.36	0	6	14	6	11	se.	A. S. Nall.
Lake	Scott	446	24	65.3	+ 3.0	90	8	35	26	38	1.23	− 0.95	0.65	0	5	15	3	13	nw.	Mrs. Eddie McNeel.
Laurel	Jones	241	8	68.4		93	8	40	24†	38	2.47		1.70	0	9	17	8	6	ne.	Thomas W. Flynt.
Leakesville	Greene		18	69.4[e]	+ 2.5	93	9	40	24	34	2.77	+ 0.16	1.06	0	5					Dr. Sam Pool.
Louisville	Winston	561	23	66.8	+ 3.0	91	8	40	24	36	1.60	− 0.30	0.95	0	5					B. T. Webster.
McNeill	Pearl River	230	9	70.2		90	8	42	24	33	1.41		0.50	0	4	16	7	8	se.	Prof. E. B. Ferris.
Macon	Noxubee	185	24	66.4	+ 3.2	92	8	37	24	40	1.24	− 0.06	1.07	0	3	17	3	11	w.	Finis E. Carleton.
Magnolia	Pike	415	16	68.4	+ 1.6	90	12	42	26	33	1.28	− 1.32	0.46	0	6	10	9	12	ne.	Miss Ruby V. Roberts.
Meridian	Lauderdale	375	22	66.1	+ 3.1	88	8	41	24	35	2.22	− 0.48	1.90	0	7	14	9	8	ne.	U. S. Weather Bureau.
Merrill	George	76	7								1.83		0.70	0	8	13	2	16	n.	Otto C. Tompkins.
Monticello	Lawrence	209	5	68.6		93	12	36	26	41	1.55		1.06	0	4	13	14	4	e.	Dr. G. A. Teunisson.
Okolona	Chickasaw	311	24	64.9	+ 3.1	90	8	38	24	37	3.50	+ 2.03	2.00	0	3	19	4	8	n.	E. J. Henson.
Pascagoula	Jackson	15	3	71.3		89	7	47	24	28	7.61		3.78	0	5					McVey Young.
Pearlington	Hancock	10	24	70.4	+ 3.0	90	8†	44	24	32	2.58	− 0.23	0.82	0	6	10	9	12	e.	Miss Annete Koch.
Shubuta	Clarke	197	7								2.40		0.96	0	6					George A. Floyd.
Tupelo	Lee	278	13								2.18	+ 0.31	1.55	0	2	20	5	6	ne.	W. S. Vincent.
Waynesboro	Wayne	191	25	67.2	+ 2.9	90	8†	40	24†	41	1.75	− 0.08	0.81	0	4	8	6	17	n.	R. S. Burke.
Woodland	Chickasaw		3								2.80		1.60	0	3					J. L. Ricks.

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 October, 1912. District No. 2, South Atlantic and East Gulf States.*

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Virginia.																																	
Arvonia	James													.16	.30					.14			.32	.22									1.04
Ashland	do													.06	.45							T.	T.	.62		T.							1.13
Buchanan ‖	do													.10	.49	.15							.15	.48									1.37
Callaville	Chowan													T.	1.00	.03				T.		T.	T.	.24									1.27
Cape Henry	Coast							T.							.31							.01	.01	.28									0.62
Catawba	Roanoke													.38	.60					T.			.20	.20									1.38
Charlottesville	James													.31	.28					.10			.82	.60									2.11
Clarksville ‖	Roanoke														1.01	.48					.12			.20									1.81
Columbia	James													.20	.44					.14			.39										1.17
Danville ‖	Roanoke														.38	.25				T.	.18		.03	.16									1.00
Diamond Springs	Coast														.32	.18						.09		.20	.13								0.92
Dry Bridge	James														.41					.06			.12		.50								1.09
Hampton	Coast															.64						.06											0.70
Hot Springs	James												.84							.68		.25											1.77
Ivor	Chowan														.95							T.		.07									1.05
Lassiter	James													.10	.45					.08			.32										0.95
Lexington	do													.50	.08					.28		.15	.35										1.36
Lynchburg	do													.13	.26					.15		.02	.29	.01									0.96
Newport News	Coast													T.	.55	.04				T.		.10	T.	.18									0.87
Norfolk	do							T.						T.	.45					T.		.10	.02	.21									0.78
Randolph ‖	Roanoke														.41	.33								.25									0.99
Richmond	James													.02	.37					.01		T.	.14	.04									0.58
Roanoke	Roanoke				T.										.58					.23			.44	.12									1.37
Rocky Mount	do													.15	.40					.27			.30	.07									1.39
Ruckersville	James													.48	.15					.09			.36	.74									1.82
Williamsburg	do														1.40							.10		.60									2.10
North Carolina.																																	
Albermarle	Pedee														1.44	.08				.30		.03	.05	.01									1.91
Belhaven	Pungo				.20	.15									.50							.58											1.43
Brewers	Pedee													.22	.95	.03			T.	.40			.72	.05									2.37
Caroleen	Santee														.85	.02				1.01			.27										2.15
Chalybeate Springs	Cape Fear													T.	.11	.23				.03	T.	.09	.03	1.60									2.09
Chapel Hill	do														.86					.07		.01	.05										0.99
Charlotte	Santee													T.	.22					.62	T.	.02	.23									.04	1.14
Chimney Rock	do				.04									.02	.45					.71			.25										1.50
Durham (near)	Neuse														.70								.36										1.12
Eagletown	Chowan													T.	.12	.21				T.		.10	.12	.36									0.91
Edenton	Coast					T.									.40							.40		.35									1.15
Elizabeth City	Pasquotank														T.							.20		.50									0.70
Enfield (near) ‖	Tar															.45							.12	.10									0.67
Fayetteville ‖	Cape Fear															.55				T.			T.	.96									1.51
Globe (near)	Santee													.22	.89					.43			.35										1.89
Goldsboro ‖	Neuse														T.	.28				T.		.03	.04	.09	.02								0.46
Gorge (near)	Santee														1.67	.25				.55			.41										2.88
Graham ‖	Cape Fear														.77	.36				.11	.07		.01	.03									1.35
Greensboro ‖	do														1.70	.82				.15	.18			.26									3.17
Greenville ‖	Tar					.02									.07	.19					.02	.04	.36	.09	T.								0.79
Hatteras	Coast				1.39	1.79	.64	.12						.04	.42					.04	.13	3.03	.85	.18									8.63
Henderson	Tar & R'ke														1.08	.07				.04		.21	.74										2.14
Kings Mountain	Santee														.42	.03				.60			.13										1.18
Kinston	Neuse												T.		.13					T.		.26	.04										0.43
Lincolnton	Santee													.24	1.01						.54	.07	.06										1.92
Louisburg ‖	Tar														.69								.10	.98									1.77
Lumberton ‖	Lumber														T.	.16				T.	.08		.04	.02									0.28
Manteo	Coast				.02	.52									.08								.08	.54									1.24
Marion	Santee													.12	.83	.02				.61		.03	.32										1.93
Middletown	Coast				.32	.43									.24							1.41	.12	.32									2.84
Moncure ‖	Cape Fear														.03	.45				.05	.02	.02	.03										0.60
Monroe	Pedee														.80	.08				.85													1.73
Morganton	Santee													T.	1.38	.01			T.	.47	T.	T.	.30										2.16
Mount Airy	Pedee													.20	.79	.03				.52			.06	.25									1.85
Nashville ‖	Tar															.62				.02			.23	.10									0.97
Neuse ‖	Neuse															.56							.15	1.60									2.31
Newbern ‖	do					.14	T.								.03	.15					T.	.09	.15	.53									1.09
N. Wilkesboro (near)	Pedee														1.35					.30		1.00											2.65
Parkersburg	Cape Fear													T.	T.							.30	.05										0.35
Pinehurst	Lumber														.08	.04				.22	.07		.05										0.46
Raleigh	Neuse													T.	.33					.02		.08	1.23										1.66
Ramseur	Cape Fear														.52	.20				.76			.03	.01									1.52
Randleman ‖	do													.65	.40					.12	.12	.05	.07										1.41
Reidsville ‖	do														.90	.30				.11	.04		.06	.10									1.51
Rock House	Savannah				.20									.10	.47				.03	1.72	T.	.14	.18									.07	2.91
Rockingham	Pedee														.80				.03	.95		.05	.05										1.88
Rocky Mount ‖	Tar															.40							.15										0.55
Salem	Pedee														1.30					.27			.05										1.62
Salisbury ‖	do															.15							.50	.20									0.85
Scotland Neck	Tar														.05	.30						.10	.02	.14									0.61
Settle	Pedee													.17	1.03					.27		.05	.20										1.72
Sloan	Cape Fear													.09						T.		.13	.16										0.38
Smithfield ‖	Neuse														.05	.31			T.		T.		.03	.07	.02								0.48
Snow Hill	do														.18				.36	.05													0.59
Southport	Cape Fear													.13	.11	.04					.11	1.33	.47										2.19
Statesville	Pedee														2.38	.08				.38			.64	.05									3.53
Tarboro ‖	Tar														.01	.34				T.	T.		.11	.09	.07								0.62
Weldon ‖	Roanoke														T.	.54				T.	.53		.08	.05	.02								1.22
Whiteville	Waccamaw															.15				.13		.27	.03										0.58
Willard	Cape Fear																					.25	.15										0.40
Wilmington	do				.04									.06	.20	.01				.04	.13	.33	.21										1.02
South Carolina.																																	
Aiken	Edisto														.40					.95													1.35
Allendale ‖	Savannah														.93	1.20					.40												2.53
Anderson	do				.06										1.17	.05				2.76			.05										4.09
Batesburg ‖	Edisto														.28	.15				.32	.81		.10	T.									1.66
Beaufort	Coast				.60										1.60					.67		.20											3.07
Blackville ‖	Edisto	.03			T.										.33	.03				.10	.70	.10	.09	.02									1.40
Blairs ‖	Broad															.58				.16	1.77		.25	.05									2.81
Bowman	Edisto														.28					.42	.03	.05	.20										0.98
Broxton ‖	Salkehatchie				.10										.25						.92		.23										1.50

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

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
South Carolina—Con.																																	
Calhoun Falls ‖	Savannah														.92	.81				.49	.62											.39	2.84
Camden ‖	Wateree															.51				.02	.78		.14										1.45
Catawba ‖	Catawba														.05	.81				.15	.82		.25	.10									2.18
Chappells ‖	Saluda														.48	T.				.48	1.52		.06										2.54
Charleston	Coast			.01	.05								T.	T.	.62					.02	.19	.05	.04										0.98
Cheraw ‖	Pedee														.03	.33				.02	.34		.11	.02									0.85
Clemson College	Savannah				1.15										.23					3.40		.10											4.88
Columbia	Congaree			T.											.22	T.				.93	.20	.05	.07										1.47
Conway ‖	Waccamaw															.38				T.	.20	.24	.06										0.88
Darlington ‖	Pedee														.12	.12				.05	.14		.10										0.53
Dillon	Little Pedee														T.	.15				.35	T.	.17	.04	.10									0.81
Edisto ‖	Edisto														1.08	.09				.08	1.28		.04										2.57
Effingham ‖	Lynches															.27				T.	T.	T.	.25										0.52
Ferguson ‖	Santee														.42	.15					3.10	T.	.03	.03									3.73
Georgetown	Coast														.25	T.				T.	.75	1.30											2.30
Greenville ‖	Saluda	.05			.02	T.									.30	.19				1.20	1.24		.03										3.03
Greenwood ‖	do														.77	.66				.33	2.48												4.24
Heath Springs	Wateree														.35	.20				.95		.04	.18	T.									1.72
Kingstree ‖	Black														T.	.72					.60		.10										1.42
Liberty	Savannah				.25									.02	.25	.24			T.	2.80	T.	T.	T.										3.56
Little Mountain	Saluda														.05					1.80	.16	.06											2.07
Meriwether	Savannah				.09										.17	.05				1.50		.11	.10									.05	2.07
Monetta	Edisto			T.											.16	.01				.61	.47	.01	.07										1.33
Newberry	Saluda														.15	.09				2.58		.01	.13										2.96
Pelzer ‖	do														.34	.36				.78	.98		.20	.20									2.96
Pinopolis	Cooper				.16										1.15					.57	.70												2.58
St. George ‖	Edisto					T.									.41	.55					.54	.10	.05										1.65
St. Matthews ‖	Santee														.35	.20				.05	.19		.10	.15									1.04
Saluda	Saluda														.35					2.00	.47		.56										3.38
Santuc	Broad														.88	.05				2.78		.04	.15										3.90
Smiths Mills ‖	Pedee															.38					.18	.33	T.	.31									1.20
Society Hill	do													.06	.18					.14		.18	.01										0.57
Spartanburg ‖	Broad														.70	.22				.50	1.17		.15										2.74
Summerville	Ashley			.01	.13									T.	1.08	.01				.66	.21	.03	.06										2.19
Trenton	Edisto			T.											.31					1.95	.02	.02	.05									T.	2.35
Walterboro	Ashepoo				.30										1.25					1.10	.05		.35										3.05
Winnsboro	Broad														.70					.60	.40	.90											2.60
Winthrop College	Catawba														.10					.75			.20										1.05
Yemassee ‖	Combahee	.06			.25	.09									.38	.54				T.	1.50	.08	.05	T.									2.95
Georgia.																																	
Abbeville ‖	Ocmulgee				.27										.37	T.				.19	.15	T.	T.										0.98
Adairsville	Coosa				1.10										.70				T.	1.85													3.65
Albany ‖	Flint		.01												2.12	.25	T.			.04	1.20	.11											3.73
Allapaha ‖	Allapaha	.02			1.18	.01									1.51					T.	.18	.32											3.22
Americus ‖	Flint				.30										1.00	.30				.40	.30												2.30
Athens ‖	Oconee				.44	.10									.08	.58				.53	.46	.02	.04										2.25
Atlanta	Chat'ho'chee			.90	1.86									.40	.39	T.			.09	.89	T.	.01										.08	4.62
Augusta	Savannah				.01									.02	.19	.02				1.84	.03		.05										2.16
Bainbridge ‖	Flint				.15	T.									T.	.65	.05			.13	.15	T.											1.13
Butler ‖	do				.38										.95					.62		.37											2.32
Camak ‖	Savannah				.23										T.	T.				.83	.81	T.	T.										1.87
Canton ‖	Coosa				1.90									T.	.30	T.				1.85	.45												4.50
Carlton ‖	Savannah				.15										.48	.43				.33	.39		.10										1.88
Clayton	do			.67										T.	.52				T.	2.00	T.	.10	.18										3.47
Columbus ‖	Chat'ho'chee	T.			.21	.13									2.94	T.				1.14	.04	T.											4.46
Concord ‖	Flint				.28									.05	.90				.05	1.15													2.43
Covington ‖	Ocmulgee				1.50										.30	.80				.60													3.20
Dahlonega	Chat'ho'chee				1.33									T.	.44	.10				2.70			.04	T.									4.61
Diamond	Tennessee				.16									T.	.21					2.60													2.97
Dublin ‖	Oconee	.02			.02										.37	.05				.19	.29	.36											1.30
Eastman ‖	Ocmulgee				.08						T.				.29	.23				.14	.14	.21	T.										1.09
Eatonton	Oconee				.10										.30					.45	.03												0.88
Elberton	Savannah				T.										1.35	.12				.80	.05	T.	.05										2.37
Experiment	Ocmulgee				.12									T.	.30	1.30	.03		T.	.83	T.												2.58
Fort Gaines ‖	Chat'ho'chee				T.										1.05	T.				1.27		.25	T.										2.57
Gainesville ‖	do				1.30	.06									.12	.15				1.27	.35		.06										3.31
Gillsville ‖	Savannah				.80	T.									.27	.12				1.70	.43												3.32
Glennville ‖	Altamaha	T.			.65	.01									1.69	.01	T.			.05	T.	.07	T.										2.48
Gore	Coosa													.02	.31					1.42			.01										1.76
Granite Hill	Ogeechee				.06										.21	T.			T.	1.48	.07											T.	1.82
Greensboro ‖	Oconee			T.	.86	.57									.14	.07			T.	.56	.20		.04										2.44
Griffin ‖	Ocmulgee	.19			.09	.13									.23	.68				.99		.05											2.36
Harrison	Ogeechee			.35											1.40																	.30	2.05
Hawkinsville ‖	Ocmulgee														1.96	.60				.13	1.06	.09											3.84
Lisbon	Savannah													.17	.20					1.05	.07												1.49
Lost Mountain	Chat'ho'chee				2.20													.08	.90														3.18
Louisville	Ogeechee													.61	.07				.68	1.40	.08	.03											2.87
Lumber City ‖	Ocmulgee	.04			.25	.04									.75	.65				.20	.40												2.33
Lumpkin ‖	Chat'ho'chee												T.		.98	T.		T.	*	.78													1.76
Macon	Ocmulgee			.16	.05									.51	.04	.01			.03	.22	.08	.06										.34	1.50
Marshallville ‖	Flint			T.	T.										.92	.24			T.	1.36	.12	.02	T.										2.66
Milledgeville ‖	Oconee														.93	.03	T.			.40	.07	.02											1.45
Millen ‖	Ogeechee														.10	.35				.15	.70												1.30
Montezuma ‖	Flint				.10										.38	.28				.40	.35												1.51
Monticello	Ocmulgee				.36	.03									.20	.29	.03			.83	.10	.11	.08										2.03
Newnan ‖	Chat'ho'chee				1.97										.10	.21	.02			.90	T.	T.	.03										3.23
Norcross	do				1.72	.02									.34	.06				1.54	1.50												5.18
Point Peter	Savannah				T.										1.27					.80			.11										2.18
Poulan	Suwanee	.03		.17											.65					.47		.18										.15	1.65
Putnam	Flint													1.40	.60					1.60													3.60
Quitman ‖	Suwanee				1.08										.77						.80	.05											2.70
Ramhurst	Coosa				T.									T.	.66	.07			T.	.93													1.66
Resaca ‖	do														.38	.04				1.12	.08												1.62
Rome ‖	do				1.16										.47	.26			T.	1.50	.42	T.	T.	.08									3.89
St. George ‖	St. Marys			1.80	.39								T.	.18	.02					1.10	.10										.05		3.64
St. Marys	do	.06	.63	.43	2.23							.41		T.		.55				.17	.21		2.25								T.	.22	7.16
Savannah	Savannah	T.		T.	.32									.74	.70	T.				.12	.04	T.	.01										1.93
Statesboro	Ogeechee			T.	.56									.10	2.74						.03	.03											3.46
Talbotton	Chat'ho'chee	.45		.06	.35									.40	.70	.02				1.25	.05												3.28
Tallapoosa ‖	Tallapoosa				.15	2.15									.16	.15				1.44			.15										4.20

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

Stations.	Watershed.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Georgia—Contd.																																	
Thomasville	Ocklocknee	T.	T.	.01	.13								.01	.14	.24	T.	.01		T.	.24	.05	T.										.03	0.86
Toccoa ‖	Savannah				1.45										.20	.25				1.62	.85		.15										4.52
Valdosta ‖	Suwanee	T.			1.70										.90					T.	1.20	.20	T.									T.	4.00
Washington ‖	Savannah				.10										.12	.10				.48	.85	.08	.14										1.87
Waycross ‖	Satilla	.03			1.65	.08							T.		.62					.02	.15												2.55
Waynesboro ‖	Savannah														T.	.40				.20	.20	T.	T.										0.80
West Point ‖	Chat'ho'chee				2.40	.20									.38	.30			.01	.69	.02	.02											4.02
Woodbury ‖	Flint	1.20			.36										.42	.11				1.04	.89		.08										4.10
Florida.																																	
Apalachicola	Coast			.10														.40	.35														0.85
Arcadia	Peace Creek	.95	.57	.06	.76	.01					T.	.01	.19	1.11		.08	T.			.11	.02	.83									.07	.40	5.17
Avon Park	Kissimmee	.60		.22	1.40							.15	.50	.15			.04	.05		.10		.03	.02					.01	.02				3.29
Bartow ‖	Peace Creek	.49	.38	.03	.02	.90							.60	.45	.10		.19	.03			.31	.13	.43										4.06
Blountstown ‖	Apalachicola															1.67				.39												.31	2.37
Bradentown	Manatee	1.30	.79		2.00											.18				.21	1.13												5.61
Brooksville	Withl'c'chee	2.50			.20				.08					.20			.20			.08	1.91												5.17
Carabelle	Coast																			.42													0.42
Cedar Keys	do	1.20	1.03		.63								.48		.57	.52				1.68	.15												6.26
Clermont	Lake	1.22		.78	.40									.45						1.05	.18		.50								T.		4.58
De Funiak Spr'gs ‖	Ch't'h'tchee		T.	T.										T.		T.	T.	T.	3.20	T.		T.	T.										3.20
De Land	St. Johns		.12	1.90	.40								.02					.04			.16											.01	2.65
Eustis ‖	Lake	.19	.08	.03	.22				.03					.92		.10	.05			1.38	.37	.35								.14	.09		3.95
Federal Point	St. Johns		.12	.44	.47							.04	.02					T.		.05	.37								T.	.04		.19	1.74
Fenholloway	Fenholloway												.45	.70						4.05	.44												5.64
Fernandina ‖	Coast	.28	.05	.31	2.29	.15	.02					.06				.42	.03			.04	.98	1.40	2.03	.03								.40	8.49
Fort Meade	Peace Creek	2.12	.08		.60								1.05	.24			.12			.19	.72	.10											5.22
Fort Myers	Calo's'h'chee	.13	1.05	.34	1.14							.15	.67	.68			.13				.05	.98									T.	.11	5.43
Fort Pierce	Indian		.80	1.10	.50				.60	.10	.20	.20	.20	.20				.80			.30							1.00	.10		.20		6.10
Gainesville ‖	Lake	.07		.90	.64	.19								.04	.12					T.	2.18											T.	4.14
Grasmere	do	.78	.01	.24	.45				.01				.01	.34			.23	.05		.06	1.00								.06			.30	3.54
Hilliard	Nassau				2.85											.55					.70												4.10
Hypoluxo	Lake			.37	.26	.07			.02			.14		.06	.08			1.09		.02	.38		.33			.07		.34	.71	.04	.71	1.01	5.70
Inverness ‖	Withl'c'chee	1.15			.30									.36	.05					1.60	.27												3.73
Jacksonville	St. Johns	T.	.59	1.51	.51							T.	.10	T.	T.	T.	T.	.04		.23		.15	T.								.01	.03	3.17
Jasper	Suwanee			.10										.50	2.00					.80	.20												3.60
Key West	Coast	T.		.04	.02	.36	.06				.02	.01	.06		.02	.01	.20	.17		.05			1.10	T.					.04	1.21	.65	2.15	6.17
Kissimmee	Kissimmee	.38	.25	T.	1.42					T.			.30	.55			.28			T.	.36	T.	.67						.17		T.	.11	4.38
Lake City ‖	Suwanee	T.			1.19	.02								T.	1.10						3.10												5.41
Lucerne Park	Peace Creek	.30	.10	.50	2.35								.08	.20	.10					.22	2.41	.25						.24					6.75
Macclenny	St. Marys		.03	.03	2.70								.45	.05		.17				.08	2.15												5.66
Madison ‖	Suwanee	T.	.12		.31	T.									.12		T.			.04	1.99	.05											2.63
Malabar	Indian		.60	.08	.08	.13							.38	.17			.45	.40		.52	.55	.98	.04									.40	2.20	6.98
Marianna ‖	Apalachicola				.08											.14	T.	.02		.26	.69	.01											0.60
Merritts Island	Indian	.18	.25	.69	.35	.09				.15		T.	.61		.02	.15	.99	.09			T.	T.						T.	T.		1.56	.23	5.36
Miami	Coast	T.	T.	.42	.11	.12						.26	.03			.23	.12	.03	.03		.16			.19		.08		.02	.42	.09	.88	.10	3.29
Middleburg	St. Johns		.65	.40	.93	.10							1.30			.85						.50											4.73
Molino	Escambia													T.	3.05				2.85	.57		.65											7.12
Monticello	Aucilla			.12									.20	.58	.15					.90													1.95
Mount Pleasant	Apalachicola														.40				T.														0.40
New Smyrna ‖	Coast	T.	2.25	1.35	1.38	.43				.20	.20						.58	.05					.07						.07	T.		.28	6.86
Observation Island	Calo'sah'chee	.43		.40	.23													.12													.10		1.28
Ocala	St. Johns	.12	.30	T.	.17								T.	.31						.05	.46		.41										1.82
Orange City	do	.14	.15	.89	.32					T.			T.	.16							.16	T.							.03		T.		1.85
Orlando	do	.15	.25	2.12	1.09								.33	T.	T.	.08	.80			.02	.13	T.							T.		T.	T.	4.97
Pensacola	Coast		T.	.01	.01						T.	T.		2.58	4.00	T.	T.	.11	1.86	T.	T.		T.									.05	8.62
Pinellas Park	do	.20	.14	.82											.09						.47												1.72
Plant City	Hillsboro	2.00		.12	.62							.20									.79												3.73
Rockwell	Withl'c'chee	2.76	.20		.30																*	.89											4.15
St. Andrew	Coast	.01		.10							.05			.57	.05				.94	3.07	.04	.02											4.85
St. Augustine	do			1.15													.15				.60		.10										2.00
St. Leo	Withl'c'chee	.89			.75				.03				T.	.02	T.	.03	.12			.41	3.29	.03		.15									5.72
Sand Key	Coast				.11	.04	.02				T.	.04	.20	.02	.19		.18	.03	.18			.05	.55		.04			T.	.53	1.41	1.24	.82	5.65
Satsuma Heights	St. Johns		1.56	2.00	.35					T.			T.	T.			.12	T.		.20	.43	.27							.01			.11	5.05
Switzerland	do	1.08	.67	1.39	.04								.20							.34													3.72
Tallahassee ‖	Ocklocknee				.03									.03								.02											0.08
Tampa	Coast	.11	.02	.07	.07					T.		T.	.20	T.		.44	.01			.22	.36		T.										1.50
Tarpon Springs	do	.07	.17		1.45							T.	.65	.18	.75	.31				.18	2.65												6.41
Titusville	Indian	.24	.59	.51	1.51	.02							.54	.02	.03	.04	.98	.03		.03	.10	1.55						.06	.02		.09	.05	6.41
Wausau	Ch't'h'tchee		T.	T.										T.	.90	T.			2.40														3.30
Alabama.																																	
Alaga ‖	Chatta'chee		T.	T.											.02	T.	T.			.14		.23											0.39
Anniston	Coosa			.19	.89									.01	.30	.02			.90	.28	T.	T.	.01										2.60
Ashville	do													2.90	.20				2.00														5.10
Auburn	Tallapoosa			.12	.30	T.								.30	.27	T.			.10	1.25	.03												2.37
Benton ‖	Alabama														1.02				.24	2.40	T	.10		.08									3.84
Bermuda	Escambia			.05	.13						T.				1.50	T.			2.32	.92		T.		T.		T.							4.92
Birmingham	Bl'k Warr'r			T.									.14	T.	.09	.03	T.		1.07	.40			.04									T.	1.77
Calera ‖	Coosa				.04										.38	.20			.02	2.45													3.09
Camp Hill	Tallapoosa			.21	.16												.37				.20	.76											1.70
Cedar Bluff	Coosa															.20		.50					2.00									.75	3.45
Citronelle	Alabama										.04				.04	1.12		.05	1.55				.88									.31	3.99
Clanton ‖	Coosa				.28	.01									.55	.09			.08	2.82	.09			.01									3.93
Cordova	Bl'k Warr'r												.50						.45	1.40													2.35
Cullman	do												.10	1.10					.30			.50	1.10										3.10
Dadeville ‖	Tallapoosa				.15										.02	.06				.74				T.									0.97
Daphne	Coast		T.	.05	T.						T.			.05	2.00			.10	2.12	T.		.18	1.06	.07									5.63
Demopolis ‖	Tombigbee											.03			.07	.11				1.50				.18									1.89
Dothan	Coast	T.			.04	T.									1.52	.02	.01		T.	1.86	.04	.02	.02										3.53
Eufaula ‖	Chatta'chee	.02			.18	.02									1.94	1.51	T.			2.04	.08	T.	.02										5.84
Evergreen ‖	Escambia														2.10	.16			.20	1.94													4.46
Flomaton ‖	do		.03	T.									T.	1.80	.08		T.	T.	1.22	T.			T.										3.13
Fort Deposit	do				T.										.35	.25			T.	1.55	.20												2.35
Gadsden ‖	Coosa													.42	.10	.16				2.40	.20			.12									3.40
Goodwater ‖	do				.07										.25	.11				1.70	.05												2.18
Greensboro ‖	Bl'k Warr'r															.20			.08	1.53				.05									1.86
Greenville ‖	Escambia				.43										.43		.47		.52														1.85
Hamilton	Tombigbee																		.55	1.36	T.		.58	T.									2.49
Healing Springs ‖	do													.70		.15		.10		2.62			.30										3.87

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

Stations.	Watershed.	Day of month.																															Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alabama—Contd.																																	
Highland Home	Escambia			.22	.06									.24	.50				.55	.65	.02												2.24
Livingston ‖	Tombigbee											.04		.27		.13				.55				.67									1.66
Lock No. 4	Coosa				1.80										.20	.10			.30	2.60													5.00
Maple Grove	do			.13									.14	.06	1.13				2.81	.10		T.	.77								.65		5.79
Mentone ‖	do													T.		.24					1.20												1.44
Milstead ‖	Tallapoosa				.30	.05								.40	.12				.05	.60	.20												1.72
Mobile	Coast		T.	T.	T.						.83			2.98	1.67		T.	.48	3.51	1.79													11.26
Montgomery	Alabama			.06	.03									.07	.33	T.			1.04	.14	T.	.01	.01			T.						T.	1.69
Newbern	Black Warrior.										.08			.34	.08				1.32			T.	.15										1.97
Oneonta	do													.29	.20					1.01			.05	.05									1.60
Opelika ‖	Tallapoosa				.38	.05									.85	.05			.05	.87	.15	T.											2.40
Ozark ‖	Coast														.55	1.30				3.30	.15	T.											5.30
Prattville	Alabama			T.	T.									T.	.48	T.			1.05	1.35		T.	T.										2.88
Pushmataha	Tombigbee													.15	.15	T.			.50	.70			.79										2.29
Robertsdale	Coast			.01										.35	.32			.23	1.53	.27													2.71
Selma ‖	Alabama			T.											.42	.06			.08	3.50	T.			.02									4.08
Springhill ‖	Coast				.05										3.30	.15	.10		2.65	.73			.23	.75									7.96
Talladega	Coosa				.80									T.	.25	.08			.30	1.05													2.48
Tallassee ‖	Tallapoosa					.10									.22	.12			.01	.66	.04	.01										T.	1.16
Thomasville ‖	Tombigbee														.48	.12			.10	2.10	T.		T.	.08									2.88
Troy	Escambia			.23	.02	T.								.36	.82	T.			1.10	.75	.01	.07	.02										3.38
Tuscaloosa ‖	Black Warrior.											.23				.12	T.		.03	1.26			T.	.31									1.95
Tuskegee	Tallapoosa														.87	T.			1.18														2.05
Union Springs ‖	do				T.	.23								T.	1.08	.16				T.	.96	.24	T.	T.									2.67
Uniontown	Black Warrior.													.55	.24			.17	1.13					.11									2.20
Valley Head	Coosa														.41				T.	1.45			T.										1.86
Wetumpka ‖	do												1.00	.20	.21				T.	1.24													2.65
Mississippi.																																	
Aberdeen ‖	Tombigbee														T.				.06	2.84				.83									3.73
Agricultural College	do			.25										.25	T.				1.90	2.40			.40									.40	5.60
Bay St. Louis	Coast		T.	T.								.08		.43	1.04	.04		.19	.24				.01									1.23	3.26
Biloxi	do		.03	.74							.64			.52	1.10	.03	.01	.77	2.03					.63								.23	6.73
Booneville	Tombigbee																		.65	.75			.36										1.76
Brookhaven ‖	Pearl											.07		.33	.04		.03		.07	.35													0.89
Columbia ‖	do				T.							T.		T.	.06	.22	T.		.65	.79				T.								.18	1.90
Columbus ‖	Tombigbee													.08					.03	.72				.47									1.30
Crystal Springs ‖	Pearl																.08		.10	.40													0.58
Edinburg	do											T.		.04		T.			1.92	.06			T.			T.						.10	2.12
Enterprise ‖	Chickasahwhay.											.33		.42		.18	.02			.88				.05								.05	1.93
Hazlehurst ‖	Pearl														.08	.05	.07			.38				.06									0.64
Hickory ‖	Chickasahwhay.													.62	.10				1.00				.35								.20	.30	2.57
Jackson	Pearl													.28		.08	.01	.04	.36				.05										0.82
Lake ‖	do											T.		.32		.08			.10	.65				T.								.08	1.23
Laurel	Leaf			T.							.15		.03	.04	.25	.04	T.	.05	1.70			T.	T.	T.							.14	.07	2.47
Leakesville ‖	Chickasahwhay.											.20	.10		.95	.11				1.06				.35									2.77
Louisville	Pearl													.19					.95	.36			.04									.06	1.60
McNeill	do														.50			.16	.27													.48	1.41
Macon ‖	Tombigbee													T.	T.	.05	T.			1.07				.12									1.24
Magnolia	Pearl			T.							.03	.40		T.	.18			.05	.46				T.								.16	T.	1.28
Meridian	Chickasahwhay.												.01	T.	.05	.01		.03	1.88				.08			T.						.16	2.22
Merrill ‖	Pascagoula	.01		T.	.06										.70	.22	.02		.54	.24	.04		T.										1.83
Monticello	Pearl	.10												.24	.15			T.	1.06				T.										1.55
Okolona ‖	Tombigbee																		.10	2.00				1.40									3.50
Pascagoula	Coast			.43											3.78				3.04				.25								.11		7.61
Pearlington	Pearl		T.											.56	.82	.10		.40	.32													.38	2.58
Shubuta ‖	Chickasahwhay.										.02				.02	.43		.04	.96			.70										.23	2.40
Tupelo	Tombigbee																		1.55				.63										2.18
Waynesboro ‖	Chickasahwhay.				T.							T.		T.	.66	.23			.05	.81				T.									1.75
Woodland	Tombigbee																		1.60	.50			.70										2.80

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

TABLE 3.—*Maximum and minimum temperatures at selected stations for October, 1912. District No. 2, South Atlantic and East Gulf States.*

Date.	Virginia.								North Carolina.																		Charleston, S. C.	
	Hot Springs.		Lynchburg.		Norfolk.		Richmond.		Charlotte.		Edenton.		Fayetteville.		Hatteras.		Newbern.		Raleigh.		Reidsville.		Salisbury.		Wilmington.			
	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....	60	32	68	43	68	47	68	41	71	51	72	41	75	48	68	61	78	47	71	47	73	43	75	43	73	52	73	60
2....	63	35	69	41	66	55	70	44	72	50	73	42	76	46	70	64	77	43	71	47	74	44	77	46	71	51	74	62
3....	71	65	73	41	76	53	74	46	76	50	76	46	82	49	78	64	79	47	77	52	78	46	79	46	78	55	79	65
4....	73	64	81	54	79	61	80	55	80	62	79	50	80	59	70	65	74	50	80	61	84	58	82	54	73	64	76	67
5....	73	60	80	54	75	66	80	56	79	59	73	55	80	60	71	65	78	58	78	61	81	55	85	55	78	65	82	64
6....	74	44	79	53	74	65	78	55	79	61	80	60	82	61	74	67	80	61	79	60	80	57	86	54	80	67	80	66
7....	76	41	83	49	77	64	81	52	82	56	80	65	85	58	72	69	78	61	82	57	89	52	87	56	81	65	83	63
8....	72	38	72	48	68	58	64	49	73	57	.....	.....	75	55	69	64	78	54	68	54	72	56	78	48	75	57	81	67
9....	76	43	73	44	72	58	74	44	76	50	.....	.....	80	47	71	62	84	46	77	50	79	45	77	45	77	51	74	63
10....	80	53	90	54	88	58	90	54	88	59	82	55	90	53	78	62	85	47	89	58	92	58	91	46	84	57	79	63
11....	78	51	84	57	87	66	87	61	87	65	86	59	91	60	79	64	88	52	89	65	90	63	90	49	81	61	78	64
12....	76	54	85	61	84	65	85	62	83	63	85	61	87	58	81	68	88	54	84	61	88	60	90	60	83	58	81	68
13....	65	58	70	53	70	63	70	53	84	60	83	55	88	63	81	68	90	56	83	60	74	59	84	57	81	66	80	70
14....	58	50	54	49	63	53	54	50	60	50	68	55	77	53	68	64	67	56	60	50	60	48	75	50	70	55	75	60
15....	73	34	69	45	70	54	70	44	67	50	75	53	77	53	68	62	71	50	70	52	73	48	73	50	69	55	69	58
16....	56	35	60	40	61	47	60	39	65	49	63	47	68	47	63	57	70	45	62	48	65	43	67	44	67	49	71	56
17....	66	31	65	35	70	46	67	35	68	43	70	37	73	38	74	57	78	40	66	40	66	40	70	37	72	45	71	58
18....	70	44	73	53	76	59	76	51	72	56	77	52	80	46	79	65	82	42	73	52	74	52	72	38	80	54	75	64
19....	69	33	76	62	74	62	73	60	66	61	74	58	74	60	74	67	76	52	72	61	70	60	74	48	76	65	74	70
20....	60	54	65	49	66	58	65	48	63	56	69	58	69	60	70	62	67	57	64	58	67	53	73	50	68	57	71	64
21....	62	32	62	48	65	58	66	46	60	53	64	55	63	55	71	62	65	54	61	54	63	51	75	52	69	57	70	63
22....	65	43	64	55	74	64	75	59	65	56	74	63	76	60	76	66	78	54	68	58	65	55	66	56	77	65	78	67
23....	61	41	64	46	75	53	71	49	63	44	76	67	74	55	76	58	79	60	69	48	66	51	67	52	74	51	78	56
24....	45	38	58	43	61	48	61	46	62	40	63	43	65	40	60	52	65	37	61	41	64	41	64	39	61	44	64	49
25....	58	39	66	49	63	47	63	46	68	43	68	44	71	42	62	51	71	36	66	45	71	40	71	39	68	44	69	50
26....	59	31	69	45	65	49	68	44	70	48	67	41	73	43	64	56	76	38	69	49	73	41	72	40	71	49	71	58
27....	65	35	65	34	59	50	64	41	65	45	61	41	68	43	64	55	69	42	63	46	68	44	71	39	67	49	71	53
28....	69	34	73	34	69	45	70	36	72	45	68	35	74	37	67	54	71	34	71	45	75	40	75	35	68	43	70	51
29....	71	31	78	39	76	49	77	42	72	48	72	41	79	45	71	53	79	37	75	47	78	44	74	42	74	48	72	54
30....	67	38	79	44	77	54	79	47	78	49	76	53	81	54	74	60	82	41	78	50	81	46	70	49	77	55	75	62
31....	65	40	66	50	65	56	66	49	75	53	78	53	80	46	71	60	79	45	75	52	80	45	79	43	79	56	75	62
Mns..	67.0	42.6	71.4	59.5	71.4	55.8	71.8	48.5	72.3	52.6	73.5[b]	51.2[b]	77.2	51.4	71.4	61.4	76.8	48.3	72.6	52.5	74.6	49.6	76.4	47.2	74.3	55.2	74.8	61.2

Date.	South Carolina.														Georgia.													
	Columbia.		Conway.§§		Ferguson.§§		Georgetown.		Greenville.§§		Newberry.		Society Hill.		Albany.§§		Atlanta.		Augusta.		Dahlonega.		Macon.		Rome.§§		Savannah.	
	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....	74	53	83	61	73	58	72	56	77	44	74	51	73	46	89	62	73	55	75	55	71	47	74	61	75	50	73	60
2....	74	52	85	47	74	51	70	56	75	45	70	49	76	56	90	63	71	52	74	54	68	47	73	57	78	46	74	60
3....	78	54	85	55	81	58	80	59	77	41	79	49	81	56	89	64	76	53	79	58	72	47	78	60	80	46	79	64
4....	81	63	82	63	78	63	76	65	83	55	83	60	80	60	91	68	76	63	82	67	73	60	78	65	81	49	77	65
5....	82	60	85	59	80	60	82	64	87	56	83	61	82	63	85	71	82	62	83	63	80	55	82	62	85	56	81	64
6....	81	64	88	62	82	62	83	70	88	55	82	61	81	58	83	63	80	65	82	61	79	55	82	61	85	53	80	64
7....	83	56	90	61	84	60	83	64	88	54	85	56	83	62	86	58	82	57	84	58	79	53	83	58	86	53	82	60
8....	82	63	79	60	82	57	82	59	84	58	83	60	78	52	89	58	84	64	86	62	83	61	87	60	88	53	85	66
9....	80	57	87	50	77	55	76	56	72	56	77	58	77	55	89	61	78	63	80	62	73	61	81	67	84	61	76	66
10....	86	59	92	51	83	54	83	52	85	55	88	56	87	62	90	66	84	63	84	61	83	60	83	62	88	63	82	64
11....	85	65	92	57	85	62	82	56	87	56	87	62	86	61	87	67	80	66	84	66	81	61	83	65	86	63	81	66
12....	86	62	90	61	85	62	83	64	83	59	88	59	87	63	85	65	84	66	85	63	81	57	85	64	88	59	83	69
13....	88	66	91	62	87	63	83	64	80	59	89	64	88	58	89	65	79	61	85	66	76	61	84	65	69	60	82	70
14....	74	55	65	63	65	63	74	59	58	56	81	54	60	55	84	69	62	54	71	55	68	55	72	57	59	55	79	60
15....	70	54	74	56	68	55	83	62	68	52	70	53	71	50	70	60	65	54	68	56	68	54	65	56	70	54	68	58
16....	69	51	80	46	72	48	72	49	70	43	70	49	69	47	80	60	70	53	72	52	67	47	73	56	76	47	72	58
17....	72	47	82	44	71	46	73	49	68	42	73	44	71	48	83	61	66	51	74	52	67	48	73	55	70	47	73	59
18....	78	57	85	45	79	52	77	50	67	53	79	56	80	60	82	61	69	60	78	60	64	59	74	63	71	48	78	65
19....	69	64	75	61	74	62	76	62	68	58	71	63	73	65	81	62	67	62	75	66	67	60	77	67	70	63	79	70
20....	70	60	65	60	74	65	72	60	66	59	70	60	73	57	83	63	67	58	74	62	68	54	76	63	76	56	74	65
21....	63	57	79	58	67	58	73	69	60	54	63	56	65	59	75	65	64	53	63	57	63	53	63	57	71	56	66	52
22....	68	60	85	62	72	58	81	67	65	55	66	58	72	65	81	62	64	55	68	60	67	55	69	59	66	57	70	62
23....	71	49	80	65	78	63	78	62	63	55	69	56	88	45	76	63	61	44	69	49	62	45	64	47	60	43	77	55
24....	65	42	68	40	66	43	64	44	68	34	67	58	75	39	68	44	62	37	65	42	63	37	65	40	62	38	66	48
25....	70	44	73	38	69	41	69	42	67	36	70	39	72	47	70	42	63	41	68	42	67	41	69	41	63	38	70	50
26....	71	48	79	47	70	45	68	52	74	43	71	44	71	55	72	45	70	48	73	48	70	43	71	47	72	38	72	57
27....	68	48	72	40	70	44	72	46	70	39	68	44	69	38	75	46	70	50	72	45	66	39	72	43	72	39	72	51
28....	73	44	82	34	71	38	68	41	73	36	71	37	72	41	78	50	71	50	72	42	69	39	72	43	74	39	70	49
29....	75	45	82	32	77	40	76	44	71	37	74	37	77	47	81	46	72	52	74	40	68	38	75	42	76	39	76	54
30....	78	50	85	53	79	42	79	44	79	44	80	46	79	50	82	59	76	58	78	50	74	48	78	52	77	39	78	62
31....	77	55	82	47	79	50	78	52	75	45	78	50	80	61	79	60	74	59	76	51	70	50	76	53	79	46	74	63
Mns..	75.5	55.0	81.4	52.6	76.0	54.1	76.6	56.1	74.1	49.5	76.1	52.6	76.6	54.2	82.0	59.6	72.3	55.8	75.9	55.6	71.2	51.3	75.4	56.4	75.4	50.1	75.8	60.8

TABLE 3.—*Maximum and minimum temperatures at selected stations for October, 1912. District No. 2*—Continued.

Date.	Georgia.						Florida.																					
	Thomasville.		Waycross. §§		West Point. §§		Avon Park.		Fort Myers.		Gainesville.§§		Jacksonville.		Key West.		Miami		Ocala.		Orlando.		Pensacola.		Tallahassee.§§		Tampa.	
	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....	76	67	77	63	74	63	88	73	87	74	80	70	76	69	88	78	88	74	83	71	83	73	78	67	75	66	83	72
2....	75	66	81	60	75	54	89	72	87	72	80	69	77	70	86	79	89	74	75	71	82	73	75	70	74	67	83	73
3....	76	67	82	63	76	57	86	73	85	71	82	69	80	70	87	79	89	75	82	69	83	71	74	68	77	66	86	72
4....	80	64	79	66	79	60	80	72	78	72	79	70	77	68	86	79	88	75	75	71	82	72	82	71	78	66	83	73
5....	85	61	85	61	83	60	84	71	85	72	85	65	81	65	86	78	85	73	83	66	82	70	83	70	80	64	85	70
6....	85	58	85	61	83	59	84	66	84	69	85	61	83	65	84	74	86	70	80	61	81	69	87	69	82	65	85	67
7....	87	57	86	57	83	55	82	64	84	68	86	56	85	63	87	78	85	69	86	58	83	66	88	67	84	67	86	67
8....	90	57	92	57	88	58	87	69	84	64	90	54	89	65	85	75	85	68	83	55	86	62	84	68	84	63	88	65
9....	86	65	88	63	85	62	87	69	86	70	87	67	83	70	84	77	88	71	84	64	86	68	82	70	84	66	86	70
10....	85	65	87	61	85	64	84	72	86	72	86	64	80	65	86	79	84	79	83	63	85	69	80	73	82	65	88	71
11....	87	62	85	65	83	64	84	72	85	72	89	67	85	69	86	78	86	77	83	66	87	70	82	73	84	66	86	70
12....	88	67	89	67	85	62	87	74	88	74	89	71	84	72	87	76	88	79	91	73	86	74	84	69	83	69	89	74
13....	88	71	93	70	81	64	90	75	89	74	94	73	87	74	85	78	89	80	88	74	89	76	78	67	84	70	90	74
14....	84	70	90	70	66	62	90	75	89	75	90	74	91	76	86	79	87	81	85	75	90	74	74	67	83	71	91	75
15....	72	65	70	64	65	57	89	74	88	75	90	73	77	69	87	78	88	76	86	73	87	73	76	67	76	67	91	71
16....	78	64	81	62	73	58	83	73	87	75	84	69	78	67	86	75	84	75	84	71	81	74	74	68	74	66	86	73
17....	81	65	82	60	71	54	85	72	81	73	86	66	81	70	86	73	83	75	84	66	83	74	77	66	80	66	85	72
18....	85	66	87	63	70	56	84	71	86	73	86	65	82	70	86	76	86	78	83	64	85	68	78	69	83	68	86	70
19....	80	69	75	67	75	65	86	70	85	71	81	70	82	71	86	77	86	78	79	69	83	69	76	70	83	71	77	72
20....	82	67	82	66	75	63	84	71	85	71	84	65	81	70	85	76	86	73	81	68	82	71	81	66	80	67	85	69
21....	72	65	70	66	64	59	88	69	85	70	85	68	79	69	86	78	86	75	87	68	86	68	79	69	74	68	86	69
22....	74	64	74	63	67	59	90	71	83	69	84	68	81	66	88	73	87	73	84	69	87	67	77	68	73	65	86	69
23....	76	48	69	60	65	50	86	70	84	70	83	66	80	59	86	76	85	70	84	68	84	72	73	52	73	65	86	71
24....	71	43	72	46	70	41	85	67	82	71	83	50	73	51	87	78	86	72	77	54	81	64	67	47	67	46	81	65
25....	71	43	76	42	68	39	83	65	82	69	77	50	75	53	83	74	86	71	80	53	79	61	70	47	68	47	78	62
26....	77	50	78	48	78	45	76	65	79	67	78	50	75	60	84	74	85	70	74	57	77	61	75	52	75	54	76	63
27....	77	46	78	48	83	41	81	63	80	65	80	55	75	56	82	72	80	68	74	56	79	63	78	52	74	54	80	61
28....	76	44	79	45	83	42	79	62	82	65	81	57	76	58	81	68	81	69	82	57	81	64	73	59	72	51	82	61
29....	83	56	84	50	83	40	82	66	82	66	83	61	80	63	81	65	82	71	83	60	82	63	73	58	78	58	82	66
30....	82	56	86	53	83	45	82	66	84	68	85	62	77	64	79	69	83	70	83	60	83	61	76	65	78	59	84	65
31....	79	62	83	69	81	51	83	65	81	71	84	68	81	68	84	70	83	74	83	68	83	69	74	66	78	60	84	68
Mns..	80.3	60.3	81.5	59.9	76.8	55.1	84.8	69.6	84.3	70.6	84.4	64.3	80.4	66.0	85.1	75.5	85.6	73.6	82.2	65.1	83.5	68.7	77.8	64.8	78.1	63.3	84.6	69.0

Date.	Alabama.																Mississippi.							
	Anniston.		Bermuda.		Birmingham.		Eufaula.§§		Mobile.		Montgomery.		Tuscaloosa.§§		Uniontown.		Columbus.§§		Jackson.		Laurel.		Meridian.	
	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	76	49	.....	.....	75	50	74	53	74	63	76	59	77	52	84	54	75	49	76	54	69	55	74	54
2	73	51	78	58	75	54	75	57	78	68	77	59	79	52	85	55	80	50	84	55	72	57	79	54
3	78	62	78	63	78	60	72	58	75	68	72	64	80	54	83	56	84	52	87	65	84	66	79	64
4	81	60	84	68	81	66	75	61	86	70	80	65	84	62	85	58	86	62	88	61	86	62	82	62
5	84	56	88	61	84	61	81	58	86	69	85	63	88	60	88	63	88	61	90	61	89	66	84	62
6	83	53	88	61	84	58	82	56	87	65	84	63	88	59	88	63	88	59	91	60	89	59	85	60
7	85	54	86	57	85	56	82	55	86	63	86	61	90	57	88	58	89	56	92	56	90	56	86	57
8	88	60	89	59	87	63	83	56	88	65	91	64	92	57	92	65	91	56	94	60	93	59	88	62
9	87	64	88	58	87	69	84	58	85	67	89	67	92	64	91	64	90	63	91	60	90	62	86	64
10	86	64	84	61	87	67	81	62	83	67	86	68	87	62	90	63	89	60	92	58	89	58	86	60
11	84	63	86	63	84	69	79	61	85	72	85	68	87	62	89	64	89	60	92	69	89	68	85	68
12	85	60	87	62	85	64	83	60	88	69	86	64	88	64	90	62	87	66	87	68	89	66	85	66
13	70	60	81	62	66	58	82	62	78	65	79	64	70	62	81	61	68	58	72	57	74	62	67	60
14	60	56	71	63	60	55	75	66	65	62	65	62	63	59	70	58	68	58	65	59	69	56	62	58
15	68	54	70	63	68	57	68	57	71	64	68	60	68	54	85	58	72	57	68	56	68	57	65	57
16	73	54	73	62	77	56	72	56	76	66	76	60	78	58	87	58	83	57	83	57	74	58	73	58
17	70	57	80	58	75	58	75	57	78	66	78	59	80	58	89	59	83	57	84	64	81	61	80	59
18	70	64	75	67	71	66	70	60	79	70	70	67	78	59	89	60	72	58	82	70	79	66	76	67
19	75	59	75	68	76	58	74	64	76	69	74	64	78	61	88	58	76	65	78	66	82	66	77	62
20	72	56	78	63	76	52	76	63	75	66	79	62	78	52	80	52	81	47	85	50	80	54	74	54
21	67	59	77	65	70	63	70	61	81	65	70	63	73	53	79	66	75	51	81	52	83	59	77	60
22	69	55	75	63	70	53	71	58	77	66	69	61	72	63	80	63	69	69	86	58	83	65	78	52
23	60	43	77	52	60	43	65	58	69	52	63	46	60	43	78	46	62	41	66	45	70	46	61	43
24	63	37	69	40	64	38	63	38	66	47	65	42	63	39	68	41	64	37	68	42	69	40	61	41
25	62	39	66	42	54	38	63	40	67	49	62	43	58	39	65	42	55	39	62	49	63	48	60	44
26	72	43	73	45	71	42	68	42	74	50	72	50	74	41	70	43	73	40	75	34	76	40	71	43
27	73	39	77	44	72	44	69	45	75	53	75	50	73	42	72	44	76	41	78	40	78	44	72	45
28	74	47	78	44	75	51	68	42	77	53	74	49	76	42	77	44	77	40	83	40	80	42	77	42
29	76	49	79	43	75	55	73	43	77	55	78	50	77	42	80	46	81	41	84	47	83	52	77	56
30	79	50	80	52	79	54	75	45	80	59	80	55	79	47	81	50	83	51	83	51	82	47	77	48
31	78	55	82	55	77	60	73	53	78	62	80	59	84	48	81	51	81	50	90	60	83	57	79	54
Means	74.9	53.9	79.0[a]	57.4[a]	75.1	56.1	74.2	55.3	78.1	62.7	76.6	59.1	77.9	53.8	82.4	55.6	78.5	53.3	81.8	55.6	80.2	56.6	76.2	56.0

[a], [b], [c], etc., indicate respectively 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.