

U. S. DEPARTMENT OF AGRICULTURE.

REPORT FOR MAY, 1900.

ALABAMA SECTION

OF THE

CLIMATE AND CROP SERVICE

OF THE

WEATHER BUREAU.

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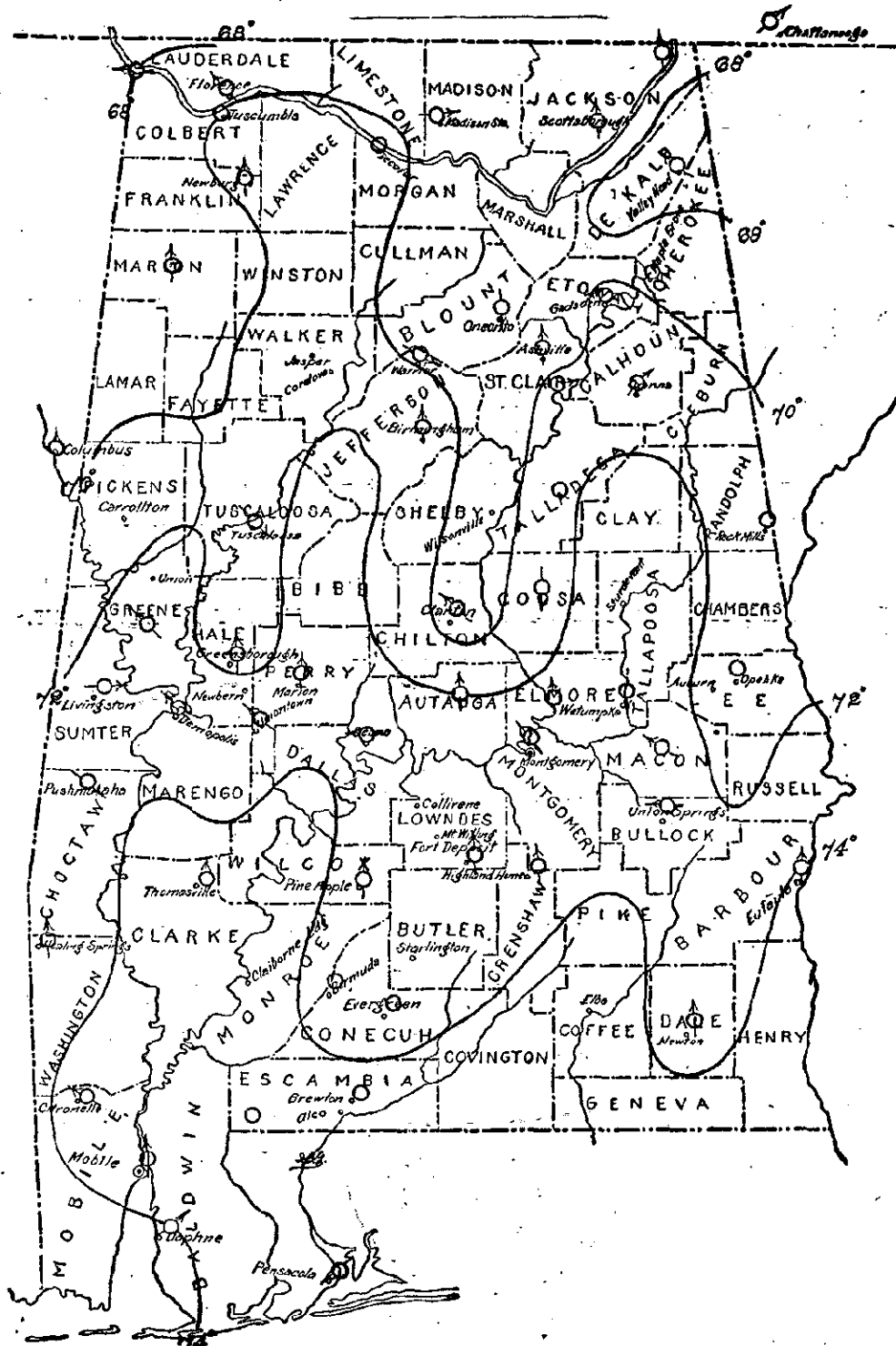
SECTION DIRECTOR.



MONTGOMERY, ALA.:
WEATHER BUREAU OFFICE.

MONTHLY MEAN ISOTHERMS AND PREVAILING WINDS FOR MAY, 1900.

(Arrows fly with wind.)



U. S. DEPARTMENT OF AGRICULTURE,

CLIMATE AND CROP SERVICE

OF THE

WEATHER BUREAU.

CENTRAL OFFICE: WASHINGTON, D. C.

ALABAMA SECTION,

FRANK P. CHAFFEE, Section Director,
MONTGOMERY, ALA.

VOL. 5. MONTGOMERY, ALA., MAY, 1900.

No. 5.

THE EXCESSIVE RAINS OF APRIL, 1900.

The rainfall over portions of Louisiana, Mississippi, and Alabama from April 14th to 18th, 1900, inclusive, was so exceptionally heavy as to be worthy of special note. The path of these excessive rains extended from east-central Louisiana, through middle and southern Mississippi to west-central Alabama, and thence northeastward to northwestern Georgia. The precipitation over the region, and during the period mentioned, was in a series of almost torrential downpours, which, to a great extent, accompanied thunderstorms, due to the slow eastward drift of a very general and decided atmospheric depression which developed over northwest Texas on the 14th, moved slowly eastward to the Great Central Valleys by the morning of the 17th, and then northward over the Lake region. The excessive rains occurred in the southeast quadrant of this depression, towards which there was quite a constant and rather steep barometric gradient from the east and south, bringing in a steady supply of moisture-laden air from the Atlantic Ocean and Gulf of Mexico. The following were the total rainfalls from the 14th to 18th, inclusive, at places named:

In Louisiana: Cheneyville, 9.80 inches; Amite, 11.24; White Sulphur Springs, 12.23. In Mississippi: Bay-St. Louis, 9.29; Canton, 9.45; Magnolia, 10.04; Port Gibson, 10.12; Meridian, 10.57; Fayette, 12.50; Natchez, 13.75. In Alabama: Greensboro, 8.48; Demopolis, 9.50; Pushmataha, 10.00; Livingston, 11.80; Entaw, 13.90. At some of the places, most of the rain fell in 48 to 60 hours.

The precipitation was so heavy and so rapid as to cause destructive floods in Mississippi and western Alabama, in which latter region the rivers were higher than any previous record; railroad traffic was suspended throughout middle and eastern Mississippi and western Alabama for seven to ten days; several large bridges were washed away, and large areas of planted land inundated, completely destroying crops, and, in some portions of eastern Mississippi, many fields in the low grounds were so badly washed that they have been abandoned for the year.

COTTON ACREAGE, 1900.

The Statistician of the Department of Agriculture has announced that no report will be made upon the new acreage of cotton until planting is practically completed. Correspondents will, therefore, be asked to report on this subject on June 1, and their reports, when received, will be used in conjunction with those of the special agents, who will then have completed an independent investigation covering the whole cotton producing region. The results will at once be made public.

THE SOLAR ECLIPSE.

The weather on the morning of the 28th was almost ideal for observing the total eclipse of the sun; clear skies obtained throughout nearly the entire path of totality, from New Orleans to Norfolk. The Central Office of the Weather Bureau at Washington issued a special forecast on Sunday, the 27th, covering the weather conditions along that portion of the path, mentioned above, which was verified in almost every detail, and it is safe to say, that never in astronomical history has a total eclipse of the sun been observed under more favorable conditions. Quite a number of voluntary observers made accurate observations of the shadow bands at instant of second and third contacts, and doubtless these observations will be of great value in studying the effect of the eclipse. At the regular Weather Bureau stations along the path of totality, readings of all meteorological instruments were made every few minutes, from early in the morning till some time after the eclipse was over. At Montgomery, where the eclipse was not quite total, no decided deviation from average conditions was noted, though the temperature fell about two and one-half degrees, during the time of the greatest shadow; birds ceased singing, chickens sought their roosts, and all nature seemed hushed as at nightfall. At points nearer the center of the path of total shadow, the temperature fall was more decided. After the astronomers have correlated all the various observations on the eclipse, doubtless very interesting accounts of the result will be published; which, possibly, may elucidate some of the mysteries now surrounding the sun.

REMARKS OF OBSERVERS.

Florence, Lauderdale county: Light frost on morning of the 4th; rain, hail, and thunder on the 8th.—Richard Smith.

Riverton, Colbert county: Heavy thunder heard to the north and south of us on the 3rd; heavy thunderstorm on the 8th.—J. W. White.

Greensboro, Hale county: The month, as a whole, has been too dry for good growth of crops.—M. H. Yerby.

Healing Springs, Washington county: Very cool nights prevailed during nearly the whole month.—Jno. Gordon.

Newton, Dale county: Severe wind storm on the 24th, much timber blown down; two inches of rain fell in about ten minutes.—J. C. Killebrew.

Selma, Dallas county: Heavy hail on the 22nd, stones as large as partridge eggs; hail fell for 15 minutes.—W. C. Rosser.

Wilson, Escambia county: Heavy fog during morning of the 2nd; thunder heard on the 17th, 20th, 22nd, 23rd, and 29th.—Lena Calhoun.

Ashville, St. Clair county: Lightning very vivid on night of 2nd; thunderstorms on the 2nd, 17th, 19th, and 23rd.—Geo. R. Cather.

Mobile, Mobile county: Two and forty-one hundredths inches of rain fell on the 30th, and 6.91 inches on the 31st.—W. M. Dudley.

Errata.

March, 1900, report: page 5, Birmingham, mean temperature, 54.0, should be 54.3; departure, -3.3, should be -3.3; Maple Grove, total precipitation, 5.68, should be 6.69; departure, -0.03, should be +1.03; Livingston, (R. L. King) total precipitation, 2.99; departure, -2.12; greatest in 24 hours, 1.05, and number of rainy days 7, should all be omitted (precipitation record faulty). Page 8, Livingston, omit all data. April, 1900, report, page 5: Riverton, total precipitation 8.15, should be 8.18; departure, +4.79, should be +4.82; Tusculumbia, departure of precipitation, -5.32, should be +5.32; page 8, Lock No. 4, on 21st, blank, should be .02; total, 9.84, should be 9.86; Riverton, on 21st, blank, should be .03; total, 8.15, should be 8.18.

CROP SUMMARY.

The month, as a whole, was very favorable for all farm work, though a lack of rainfall over the greater portion of the state, and rather cool nights, retarded growth; in a few localities in extreme southern counties, however, the rainfall was excessive, notably at Mobile, where it was about six inches more than normal. Light frost occurred at a few places in northern counties on the 4th, but did no damage. Planting of corn and cotton was practically completed by the 15th, when early planted cotton and corn had made good stands; and nearly all lands flooded by the excessive rains of April had been replanted. During the third decade, cotton chopping was practically completed, corn was receiving a second plowing, wheat and oats were ripening, and the harvesting of early oats was in progress, with both of these grains promising fairly good yields. Strawberries ripened slowly during the first decade, yielded abundantly during the second, and were nearly all gathered by the close of the month, at which time corn and cotton, while rather small, were generally healthy and promising, though there was some late planted cotton which had not germinated. Cane, peanuts, and melons made good progress, as did all minor field crops, though gardens were retarded for lack of moisture. Blight appeared in apples and pears during the first decade, and, while it did not become general, lowered the prospective yield of these fruits; peaches, however, continued in excellent condition, beginning to ripen during the last few days, with promise of a very large yield.

Comparative Data.

The following table gives the mean and highest and lowest temperatures, and average precipitation for Alabama during the month of May, for the years 1890 to 1899, inclusive:

Data.	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
Temperature, Mean...	69	68	71	71	71	69	76	69	74	76
do Highest.	92	99	100	96	102	98	100	97	101	100
do Lowest.	34	36	36	38	34	37	49	32	33	48
Average Precipitation.	5.37	2.26	3.33	7.78	2.26	3.98	3.44	1.56	0.82	2.03

NOTES AND PERSONALS.

Miss Lena Calhoun is now the voluntary observer at Wilson, vice Mr. J. Milton King, resigned; her initial report appears in this issue.

Prof. E. F. Canthen, observer at Hamilton, will be absent from that place during the summer months, during which Mr. M. B. Stokes has kindly consented to continue the record of that station.

Mr. Frederick P. Latimer, of Montville, Conn., has been added to the office force of the Section Center. Mr. Latimer comes well recommended, and is an enthusiastic student of meteorology.

The voluntary observing station at Jasper, Walker county, has been discontinued, owing to prolonged sickness of the observer and our being unable to secure some one to take his place.

Owing to sickness of the observer, no record was kept at Rock Mills during this month.

CLIMATIC SUMMARY FOR THE MONTH.

TEMPERATURE—IN DEGREES FAHRENHEIT.

The monthly mean for the entire state was 71.2, or about half a degree below normal; mean for the northern district, 69.7; mean for the southern district, 72.8.

The highest monthly mean was 74.8, at Brewton and Citronelle.

The lowest monthly mean was 67.2, at Valley Head.

The highest recorded was 97, at Ashville on the 15th.

The lowest recorded was 38, at Hamilton on the 4th.

The monthly range, within the state limits, was 59.

The greatest daily range was 48, at Talladega on the 7th.

The warm periods were from 13th to 17th; 28th to 31st.

The pronounced cool periods were 1st to 11th; 21st and 22nd.

PRECIPITATION—IN INCHES AND HUNDREDTHS.

Monthly mean for the entire state, 2.64, or about one-third of an inch below the normal; mean for the northern district, 3.01, or about normal for that district; mean for the southern district, 2.28, or about half an inch below the normal for that district.

The greatest monthly amount was 10.14, at Mobile.

The least monthly amount was 0.07, at Opelika.

The greatest in any 24 consecutive hours was 6.91, at Mobile on the 31st.

The rainy periods in the northern district were the 9th, 18th, 19th, 23rd, 24th and 31st, and in the southern district, the 9th, 18th, 23rd, 30th and 31st.

WIND.

Prevailing direction for the month was from the south.

The highest hourly velocity was 40 miles from the south-east at Mobile on the 17th.

The total monthly movement at Meridian, Miss., was 4,028 miles; Mobile, 6,141 miles; Montgomery, 4,739 miles; Pensacola, Fla., 7,390 miles.

The average hourly velocity at Montgomery was 6.4 miles.

WEATHER.

Average number of clear days, 18.

Average number of partly cloudy days, 7.

Average number of cloudy days, 6.

Average number of days with rain (.01 inch or more), 6.

MISCELLANEOUS.

Fogs.—9th, Goodwater; 27th, Wilson.

Frost.—Light: 4th, Florence and Madison.

HAIL.—8th, Florence; 22nd, Selma; 24th, Newton.

HALOS.—Lunar: None. Solar: 1st, Hamilton; 17th and 21st, Montgomery.

THUNDERSTORMS.—1st, Mobile; 2nd, Ashville, Florence; 3rd, Riverton and Talladega; 8th, Birmingham, Florence, Riverton; 9th, Healing Springs, Talladega; 17th, Ashville, Eulaw, Newberne, Wilson; 18th, Hamilton, Oneonta, Talladega; 19th, Ashville, Madison; 20th, Mobile, Newberne, Wilson; 22nd, Newberne, Wilson; 23rd, Ashville, Gadsden, Mobile, Montgomery, Newberne, Oneonta, Wilson; 24th, Oneonta; 28th, Madison, Oneonta; 29th, Healing Springs, Wilson; 30th, Birmingham, Newberne, Prattville.

Climatological Data for May, 1900.

Stations.	Counties.	Elevation—feet.	Record—years.	Temperature—in degrees Fahrenheit.						Precipitation—in inches.					Sky.			Prevailing direction of wind.	Observers.	
				Monthly 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 rainy days.	Number of days.				
																Clear.	Partly cloudy.			Cloudy.
NORTHERN DISTRICT.																				
Ashville.....	St. Clair.....	685	7	69.5	-1.4	97	15	40	4	46	2.93	+ 0.12	1.04	8	12	18	1	5	Geo. R. Cather.	
Atlanta, Ga.....	Fulton.....	1,131	21	69.3	0.0	88	13	45	4	27	2.94	- 0.15	1.12	7	15	25	6	8	J. D. Marbury. †	
Birmingham.....	Jefferson.....	668	12	72.8	+1.2	90	16	46	4	33	2.29	- 1.12	1.22	7	25	2	4	8	Ben M. Jacobs. †	
Bridgeport.....	.....	594	3	.....	.....	.....	.....	.....	.....	.....	1.69	.....	0.50	.....	15	4	12	8	Samson D. Reese.
Chattanooga, Tenn.....	Marion.....	792	19	68.3	0.0	99	14	44	11	37	1.41	- 2.27	0.53	9	12	14	5	8	L. M. Pindell. †	
Columbus, Miss. †.....	Lowndes.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.34	+ 0.50	1.20	5	13	7	11	8	J. J. Richards.
Decatur †.....	Morgan.....	573	18	70.8	+1.6	93	16	42	4	32	3.09	+ 0.89	0.97	7	17	8	6	8	J. M. Vickroy.	
Florence.....	Lauderdale.....	563	16	69.2	-1.5	89	15	42	4	33	5.72	+ 2.26	2.63	8	18	8	5	8	Richard Smith.	
Gadsden.....	Etowah.....	14	14	70.4	+1.8	94	16	41	11	40	1.66	- 1.80	0.77	6	15	7	9	8	Prof. D. P. Goodhue.	
Goodwater †.....	Coosa.....	621	6	70.9	-0.3	91	15	41	4	39	2.30	- 0.09	1.18	6	23	6	2	11	Mrs. F. Deignan.	
Hamilton..... a.....	Marion.....	.....	4	68.8	-4.1	91	16	38	4	40	4.53	+ 2.45	1.47	5	21	5	4	8	Prof. E. F. Cauthen.
Lock No. 4 *.....	Talladega.....	510	3	70.0	-1.0	90	15	44	12	48	3.43	+ 0.02	1.20	7	24	2	5	8	D. S. Van Court.	
Madison.....	Madison.....	573	5	69.4	-0.9	92	16	40	4	35	3.82	+ 1.07	1.56	7	23	6	2	8	Dr. John Hertzler.	
Maple Grove.....	Cherokee.....	.....	7	68.5	-1.3	93	15	41	4	42	3.44	+ 1.35	1.65	7	19	10	2	8	Mrs. A. L. Awbrey.
Nashville, Tenn.....	Davidson.....	553	23	68.6	+1.0	90	15	42	4	38	1.86	- 1.54	0.57	7	13	7	11	8	H. C. Bate. †	
Newburg..... l.....	Franklin.....	.....	8	70.2	+0.4	85	19	50	3	22	3.75	+ 1.10	1.85	6	10	20	1	8	Alva J. Richerson.
Oneonta.....	Blount.....	857	6	68.7	-1.9	87	12	41	4	40	4.24	+ 0.16	1.10	9	15	8	1	8	Aquilla J. Richum.	
Oxanna.....	Calhoun.....	650	9	70.2	+1.7	88	16	43	11	36	2.29	+ 1.75	1.28	4	23	4	4	8	J. W. Clardy.	
Riverton.....	Colbert.....	.....	3	68.0	-4.7	90	17	40	4	34	4.97	+ 3.09	1.84	9	15	1	15	8	J. W. White.
Rock Mills.....	Randolph.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. H. Pitts.
Rome, Ga. †.....	Floyd.....	576	18	69.4	-0.2	89	14	43	11	36	1.77	- 1.65	0.80	8	20	4	7	8	W. M. Towers.	
Scottsboro.....	Jackson.....	.....	17	68.3	-0.5	89	14	40	3	30	2.25	- 1.52	0.85	9	9	8	14	8	D. K. Caldwell, Jr.
Talladega.....	Talladega.....	650	10	72.0	+0.5	95	29	42	4	48	3.35	+ 0.31	1.20	7	23	7	1	8	Prof. W. S. Goas.	
Tupelo, Miss. §.....	Lee.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2.74	.....	1.31	4	30	0	1	8	W. H. Armstrong.
Tuscaloosa †.....	Tuscaloosa.....	230	19	71.4	-1.4	91	17	45	4	38	1.43	- 1.69	0.60	7	22	1	8	8	R. C. McCalla.	
Tusculum †.....	Colbert.....	.....	18	70.0	+1.2	91	17	44	4	32	4.48	+ 1.55	1.45	9	18	0	13	8	J. Lassiter.
Valley Head.....	DeKalb.....	1,031	15	67.2	+0.6	96	14	44	9	40	3.48	+ 0.39	1.80	5	19	9	3	8	Dr. E. P. Nicholson.	
Warrior §.....	Jefferson.....	450	9	.....	.....	.....	.....	.....	.....	.....	2.28	- 1.15	0.68	5	27	1	3	8	B. T. Rochester.
SOUTHERN DISTRICT.																				
Bermuda.....	Conceh.....	.....	13	73.8	+2.5	95	19	45	11	42	3.94	+ 1.66	1.60	5	.....	.....	.....	.....	Carl Fowler.
Brewton.....	Escambia.....	.....	7	74.8	+3.1	96	19	46	11	43	2.25	- 2.03	0.59	7	.....	.....	.....	.....	Rev. F. L. Lovitt.
Chironelle..... a.....	Mobile.....	352	12	74.8	+0.3	91	19	57	4	23	2.11	- 1.10	1.20	5	.....	6	2	8	Dr. J. G. Michael.
Clanton.....	Chilton.....	592	7	69.4	-2.8	87	18	45	11	34	1.20	- 1.72	0.40	4	17	13	1	8	Dr. W. E. Stewart.	
Daphne..... b.....	Baldwin.....	.....	9	74.0	-0.3	91	20	50	6	33	2.66	+ 0.28	1.45	3	19	8	5	8	John H. Young.
Demopolis †.....	Marion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.43	- 0.73	1.45	5	.....	.....	.....	.....	Geo. E. Pegram.
Elba.....	Coffee.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Annie Lee.
Etta †.....	Burhour.....	200	16	74.0	+0.4	95	15	45	11	40	2.72	- 0.15	1.45	5	27	2	2	8	O. T. Moore.	
Evergreen †.....	Green.....	.....	6	73.0	.....	96	16	50	3	34	4.68	+ 0.39	2.34	6	20	9	2	8	J. P. Barelay, M. D.
Fort Deposit †.....	Lowndes.....	520	16	72.4	-1.6	90	30	50	6	36	1.27	- 1.83	0.50	3	22	0	9	8	F. J. Dean.	
Greensboro.....	Hale.....	220	21	71.8	+0.1	89	29	49	3	29	1.57	- 1.76	0.43	6	28	0	3	8	C. E. Reid.	
Healing Springs.....	Washington.....	.....	8	72.6	+2.4	90	20	47	12	35	1.38	- 2.82	0.85	3	18	8	5	8	M. H. Yerby.
Highland Home..... a.....	Crenshaw.....	.....	8	72.2	-0.9	89	19	54	11	27	3.34	+ 1.18	0.76	2	21	8	2	8	Dr. John Gordon.
Livingston †.....	Sumter.....	160	16	72.3	-0.7	91	18	50	4	31	1.53	- 1.64	0.82	6	21	9	1	8	Prof. Samuel Jordan.	
Livingston**..... e.....	Sumter.....	125	0	72.7	.....	83	30	52	10	30	2.05	.....	1.00	3	13	9	4	8	Robt. L. King.
Marion †.....	Perry.....	263	19	73.0	+0.4	89	15	50	4	33	2.85	- 0.59	1.40	4	25	0	6	8	Miss J. N. Bishop.	
Moridian, Miss.....	Lauderdale.....	358	8	71.0	-1.0	87	29	46	11	37	1.61	- 0.58	0.56	8	11	16	4	8	Mrs. June S. Gaillard.	
Mobile.....	Mobile.....	57	28	74.4	0.0	88	19	58	5	22	10.14	+ 5.07	6.91	9	17	8	6	8	Lee A. Denson. †	
Montgomery.....	Montgomery.....	221	28	73.3	0.0	89	16	52	11	30	2.69	- 0.95	1.78	4	20	6	5	8	W. M. Dudley. †	
Mount Willing.....	Lowndes.....	.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Central Office. †
Newberne.....	Hale.....	.....	7	72.5	-1.2	90	17	49	4	32	1.74	- 1.48	0.53	7	14	15	2	8	Wm. M. Garrett.
Newton.....	Dale.....	.....	10	70.3	-3.3	87	19	50	4	30	4.93	+ 2.98	4.32	2	11	19	1	8	Dr. J. Huggins.
Opelika †.....	Lee.....	817	21	71.6	-0.2	95	17	46	4	40	0.07	- 3.17	0.07	1	26	3	2	8	Hon. J. C. Rillebrew.	
Pensacola, Fla.....	Escambia.....	56	20	74.6	+1.0	88	2	59	5	21	1.01	- 1.85	0.53	5	20	8	7	4	R. W. Gorman.	
Pine Apple †.....	Wilcox.....	.....	18	73.4	+0.8	94	15	45	11	34	1.75	- 0.70	0.95	5	20	2	9	8	M. J. Wright, Jr. †
Prattville.....	.....	281	0	72.4	.....	89	16	45	4	32	.....	.....	.....	4	22	7	2	8	J. S. Crum.
Pushmataha.....	Choctaw.....	.....	9	72.9	-0.8	92	29	49	11	34	3.73	- 0.74	2.00	4	22	7	2	8	Jos. B. Bell.
Salma †.....	Dallas.....	147	20	72.5	+0.5	90	17	50	4	34	1.55	- 1.12	0.98	4	13	2	16	8	C. C. Brown.	
Tallassee †.....	Elmore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.58	- 0.86	0.67	4	17	8	6	8	W. C. Rosser.
Thomasville †.....	Clarke.....	.....	9	74.1	0.0	93	20	51	11	31	0.92	- 2.37	0.30	5	15	6	10	8	J. T. Jarman.
Tuskegee.....	Macon.....	.....	0	72.6	.....	92	17	48	4	39	1.53	- 0.33	.....	6	23	0	8	8	O. F. Jull.
Union Springs †.....	Bullock.....	216	13	73.2	-0.5	91	17	51	4	29	0.85	- 2.33	0.60	3	15	13	1	8	Prof. Geo. W. Carver.	
Uniontown.....	Perry.....	273	14	73.6	+0.1	92	25	54	11	27	1.55	- 1.49	0.70	4	16	15	0	8	P. L. Cowan.	
Wetumpka †.....	Elmore.....	205	3	72.8	-1.2	91	15	46	11	38	1.88	- 0.59	0.59	6	20	0	11	8	Prof. H. Benton.	
Wilson †.....	Escambia.....	328	1	.....	.....	.....	.....	.....	.....	.....	2.18	.....	0.95	4	.....	.....	.....	.....	J. Calloway.
AVERAGES.																				
For Northern District.....	.....	.....	.....	69.7	-0.4	.....	.....	.....	.....	.....	3.01	- 0.11	.....	7	18	7	6	8	Miss Lena Calhoun.
Southern District.....	.....	.....	.....	72.8	-0.2	.....	.....	.....	.....	.....	2.28	- 0.51	.....	5	19	7	5	8	.....
State.....	.....	.....	.....	71.2	-0.3	.....	.....	.....	.....	.....	2.64	- 0.32	.....	6	18	7	6	8	.....

* Mean temperature from observed readings 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4 p. m. † Special river stations. ‡ Cotton region stations. § Rainfall stations.
 **About one-half mile northeast of cotton-region station at same place. † Weather Bureau. ‡ U. S. Engineers' Observers. (1) No report received

Daily precipitation, in inches and hundredths, for the month of May, 1900.

Stations.	Day of month.																															Total.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN DISTRICT.																																	
Ashville			.08					.20									.40	.24					1.04	.60					.14		.23	2.93	
Atlanta, Ga.	.01	T.						.20									.72	.03					1.12	.03	T.				.83		.13	2.91	
Birmingham			T.				.18	.27															1.22						T.	T.		2.92	
Bridgeport			.40														.75	.27							.50		.22				.05	1.69	
Chattanooga, Tenn.			.12				T.	.15									.32	.01						.33	.01	.02		T.		.18		.07	1.41
Columbus, Miss.								1.00									.66	.05					1.20								.43	3.34	
Decatur			.09					.58									.26	.97						.36	.70			T.				.13	3.09
Florence		T.			T.			1.20								.25	.49	.18	.14				2.36	.77				.35	.52	.08	.20	5.72	
Gadsden		T.		T.				.49	T.								.68	.14					.05	.72		.08				.09		1.66	
Goodwater	.13		T.					T.									.32	.42					.38	.80							.20	2.30	
Hamilton					T.			.83	T.								1.47						1.03	T.				T.		.30	.90	4.53	
Lock No. 4 †					T.			.40									.35	.16	.10				T.	1.20					1.05	T.	.25	3.43	
Madison			.14					.28									.45	.10					1.56					1.04			.25	3.32	
Maple Grove		T.		T.				.50	.16								.74	.15	.51				1.65		.65		T.				.28	4.24	
Nashville, Tenn.			.03	T.	T.			.15	T.								.30	.30					.30	.23					.57	T.	.28	1.86	
Newburg				.30				.50									.45	.35					1.85							.30		3.75	
Oneonta			.07					.42									1.09	.10					1.05	.28		T.				.08	4.24		
Oxanna								.52									T.	.31					1.28	.18	T.			1.10		.05		2.29	
Riverton				.05				.81									.84	.44					1.84	.10					.09	.17	.63	4.97	
Rock Mills																																	
Rome, Ga. †			.02	T.				.12	.15								.10	.02					.18	.80		.38						1.77	
Scottsboro		.20		T.				.10	.02								.43	.73					T.	.85		.19			T.		.09	2.26	
Talladega			.18					.10	.02								.43	.73					T.	.85		.19			T.		.09	2.26	
Tupelo, Miss. †								.56									.14						1.31	.23					.02		.04	2.35	
Tuscaloosa †								.29									.02	.04	.07					.40	.01							.73	2.74
Tusculum †			.12			.04		.76									1.05	.10					1.05	1.20						.12	.04	4.48	
Valley Head					.20												1.80							.98			.15			.43		3.48	
Warrior †			.68					.40									.60	.20												.40		2.28	
SOUTHERN DISTRICT.																																	
Bermuda								.65															.40	1.60					.84		.45	3.94	
Brewton								.59																.58	.35	.33				.20	.10	.10	2.25
Citronelle																								.05	.02	.40				.44	.40	.20	2.11
Clanton								.40	.30															.40						.20			1.20
Daphne			T.																				T.	.06			T.	T.			1.45	1.15	2.66
Demopolis †								.56										.13						.24						.05	1.45	2.43	
Elba																																	
Eufaula †			.35					.30										.53						.09	1.45								2.72
Eutaw								.10									.45	T.					.80					.22	2.31	.77	4.68		
Evergreen †			T.					.20																.30	.90					.10	.25	1.75	
Fort Deposit †								.50																.45	.32								1.27
Greensboro								.42										.06						.21	.14			T.		.31	.43	1.57	
Healing Springs								.25										.28													.85	1.38	
Highland Home								.76																.58								1.34	
Livingston †			.03					.10										.30						.21						.07	.82	1.53	
Livingston **								.35	.50								.70														1.00	2.05	
Marion †								.59									.17	.01						.01	.24					.90		2.85	
Meridian, Miss.			T.				T.	.05									.02	.02					.01	.41			T.			.56	.52	1.67	
Mobile	.01		.04					.05									.02	.02		.31			.01	.41			T.			2.41	6.91	10.14	
Montgomery	.10		T.					.41									.40						T.	1.78			T.	T.		T.	T.	2.69	
Mount Willing																																	
Newberne								.27									.01	.03						.33	.22					.35	.53	1.74	
Newton								.61																4.32								4.93	
Opelika †																								4.32								0.07	
Pensacola, Fla.	T.	.07	T.					.53									T.	.03	T.					.05	.36	T.				.04	T.	1.01	
Pine Apple †								.50																.10		.20	.75				.20	1.75	
Prattville																																	
Pushmataha								.27										.26	T.									T.		T.	2.00	1.20	3.73
Selma †								.13																.19	.98						.25	1.55	
Tallassee †								.67										.30	.66														1.58
Thomasville †								.20										.16												.20	.06	.30	0.92
Tuskegee	.21							.39										.03						.33							.33	1.53	
Union Springs †		T.		T.				.60																.05	.20							0.85	
Uniontown								.18																.70							.17	.50	1.53
Wetumpka †	.15							.11										.23	.27						.53	.59						1.88	
Wilson *																															.43	.55	2.18

For explanation of characters see foot notes of table, page 5. * No report received or data incomplete. † T indicates rainfall less than .01 of an inch.