

The Alabama Climate Report

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Dr. John Christy, Alabama State Climatologist

Checking the 110 stations that reported temperatures this month, the usual suspects garnered the top temperature readings. Andalusia and nearby Open Pond topped out at a toasty 102°F on the 4th. At the other end of the temperature story, the U.S. Forest Service Station at Liri (SW of Mentone) bottomed out at a chilly 45°F on the 14th during a mid-month cool spell. Nearby Bridgeport and Valley Head were not far behind at 47°F for the coldest day this June.

There were a couple of heavy rainfall events in early and mid-June along the Alabama Gulf Coast that dropped several inches. Fairhope seemed to be the center of the activity around which we have about 10 reporting stations. Fairhope 3.7 NNW (3.7 miles NNW of the post office) received 15.47 inches with 8 nearby sta-

tions reporting over 10 inches for the month.

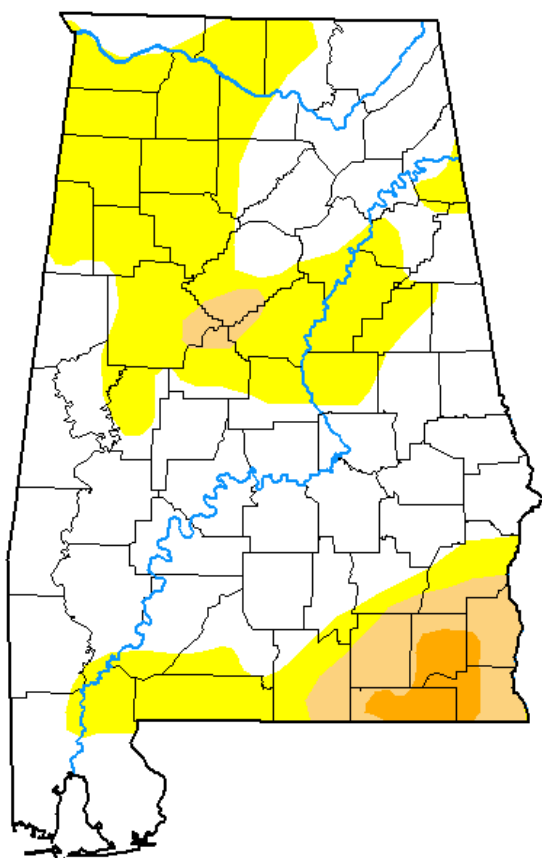
The mixture of hot and cold spells this month produced a statewide average temperature of 78.2°F which was only +0.7°F above average. Alabama's hottest June was observed 105 years ago (1914) at 83.1°F. Other years averaging more than 81.0°F were 1897, 1902, 1952 and 2011. Our coldest June was in 1955 at 73.3°F.

As with most summer months, there were wet places (Baldwin County) and dry places (Tennessee River Valley and the Wiregrass). However, statewide the total rainfall averaged 4.29 inches, almost exactly the long-term average of 4.28 inches. The wettest June was in 1989 when tropical storm Allison stalled to our west dropping 10.94 inches statewide. Surprisingly, the driest June was just one year prior, 1988 at 1.23 inches when most of the eastern half of the country was suffering through a periodic drought. I remember that June well as the first major media event in Washington DC was held which called attention to the issue of human-induced climate change, pointing to the hot and dry conditions in the East as evidence. Had this event been held one year later, during a cool and wet June, well, I suspect there would have been less attention drawn. I was asked to appear on the same day in 1988 on The Weather Channel in Atlanta in which I described the history of heat and drought, and that the 1988 situation was not out of the ordinary when you consider what happened in the 1930s and 1950s across the country. That was 31 years ago, and the story hasn't changed for Alabama.

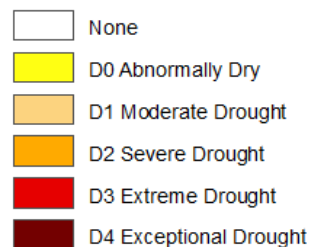
John Christy

U.S. Drought Monitor Alabama

July 2, 2019
(Released Wednesday, Jul. 3, 2019)
Valid 8 a.m. EDT



Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

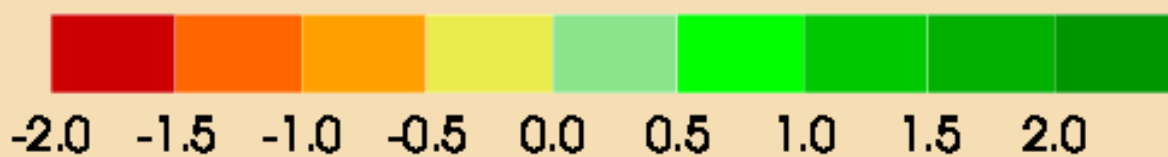
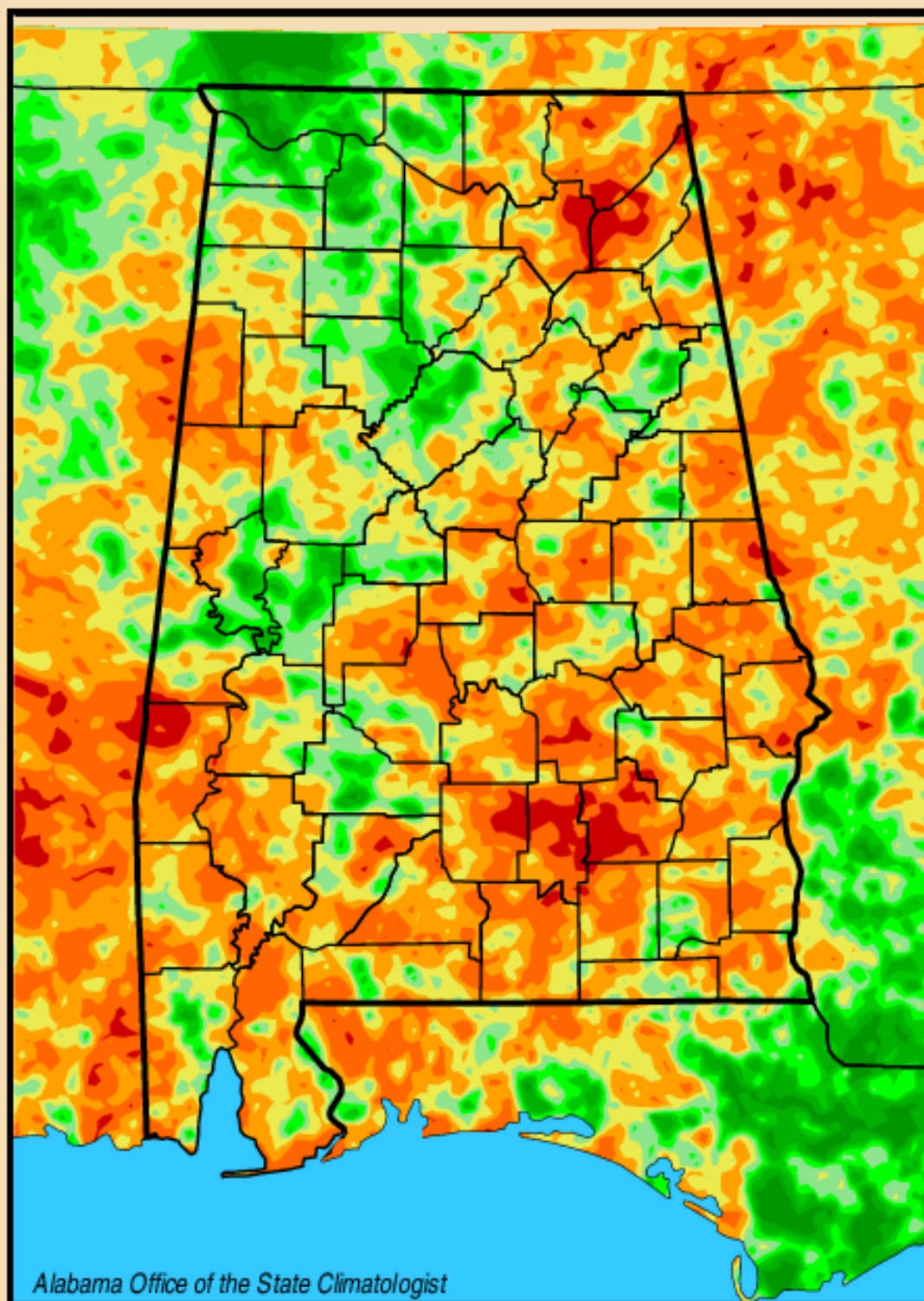
Author:

Richard Tinker
CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

Lawn-and-Garden Moisture Index for July 8, 2019



Alabama Monthly Climate Summaries

June 2019

Alabama Monthly Climate Summaries						
	June Mean June Norm	June High Temp Record High	June Low Temp Record Low	Total Precip. Normal Precip.	Wettest June Driest June	Heaviest June Record June
Anniston	77.3 76.6	92 6/21/19 102+ 6/27/54	55 6/14/19 42 6/1/72	7.54" 4.14"	9.27" 1982 .00" 1988	2.57" 6/7/19 3.60" 6/4/50
Auburn	78.6 78.3	93 6/21/19 107 6/19/33	60 6/14/19 39 6/3/56	1.48" 4.17"	8.64" 1909 .57" 1931	.47" 6/7/19 3.64" 6/5/28
Birmingham	78.6 76.4	95 6/21/19 106 6/29/31	57 6/14/19 42 6/1/66	4.75" 3.78"	9.04" 1999 .79" 1988	1.57" 6/8/19 3.85" 6/23/57
Brewton	78.3 77.3	96.1 6/4/19 109 6/18/33	56.8 6/14/19 40 6/3/56	3.92" 5.97"	13.80" 1989 1.90" 1998	1.80" 6/30/19 6.45" 6/3/70
Calera	77.9 76	94 6/4/19 103 6/29/69	57 6/14/19 37 6/1/66	5.22" 4.15"	14.58" 2003 .06" 1902	1.36" 6/19/19 5.04" 6/12/42
Clanton	76.4 76	94.3 6/4/19 106 6/19/36	54.9 6/14/19 42 6/3/56	3.56" 4.16"	11.82" 1991 .69" 1988	1.13" 6/9/19 7.82" 6/26/91
Courtland	75.3 M	93.7 6/21/19 M	51.4 6/14/19 M	3.33" M	M M	1.31" 6/7/19 M
Cullman (St. Bernard)	73.9 M	92.6 6/21/19 M	49.4 6/14/19 M	4.51" M	M M	1.86" 6/7/19 M
Decatur (Pryor Field)	77 77.9	94 6/21/19 108 6/10/14	51 6/14/19 44 6/3/56	2.86" 3.58"	11.07" 1900 .20" 1931	1.00" 6/17/19 3.06" 6/4/34
Dothan	83.3 80.1	101 6/4/19 104 6/27/52	63 6/14/19 49 6/3/56	1.65" 4.31"	8.52" 1942 1.10" 1945	.37" 6/18/19 3.78" 6/22/49
Fairhope	79.4 79.2	93.4 6/3/19 100+ 6/11/54	63.2 6/14/19 52 6/1/84	13.49" 5.94"	18.52" 1989 .71" 1977	4.91" 6/7/19 7.80" 6/9/89
Gadsden	72.8 75.8	88 6/27/19 102 6/27/54	48.1 6/14/19 42 6/3/56	3.78" 4.34"	10.30" 1994 .13" 1988	1.37" 6/8/19 3.10" 6/25/99
Gainesville Lock	77.3 77.2	94.2 6/4/19 101 6/24/77	56.7 6/14/19 42 6/1/84	4.01" 4.07"	9.56" 1983 .61" 1988	1.13" 6/6/19 3.49" 6/13/87
Greensboro	M 78.9	M 105+ 6/29/54	M 41 6/1/66	M 3.72"	10.25" 1999 .66" 1988	M 5.50" 6/3/70
Guntersville	M 75.4	M 103 6/26/88	M 44 6/4/56	M 3.85"	9.94" 1999 .19" 1988	M 4.20"+ 6/19/76
Highland Home	77.8 76.9	94.9 6/4/19 104+ 6/7/85	61.7 6/15/19 45 6/1/84	2.87" 4.70"	12.90" 1983 1.22" 1971	1.12" 6/18/19 4.30" 6/3/70
Huntsville	79 76.5	97 6/21/19 101 6/29/69	55 6/14/19 45 6/1/72	1.67" 4.10"	14.99" 1989 .17" 1988	.56" 6/7/19 4.46" 6/14/69
Mobile	81.7 79.3	97 6/27/19 102+ 6/29/54	63 6/14/19 49 6/1/84	6.66" 5.01"	11.00" 1982 1.26" 1977	2.04" 6/28/19 6.08" 6/20/61
Montgomery	80.8 78.9	98 6/4/19 105 6/28/54	60 6/14/19 49+ 6/1/84	4.50" 4.13"	14.44" 1989 .33" 1979	1.35" 6/8/19 3.91" 6/28/57
Muscle Shoals Airport	78.7 76.5	96 6/21/19 104 6/28/52	54 6/14/19 44 6/1/72	3.15" 4.90"	13.43" 1989 1.03" 1988	.84" 6/6/19 5.60" 6/12/92
Russellville	73.5 73.7	91 6/21/19 102 6/28/54	48.6 6/14/19 36+ 6/4/69	4.87" 4.23"	12.71" 1997 .50" 1988	1.79" 6/7/19 3.30" 6/8/94
Scottsboro	73.7 75.5	90.2 6/27/19 107+ 6/29/31	50.2 6/14/19 39 6/3/56	3.84" 4.38"	9.08" 1989 .65" 1988	.76" 6/7/19 3.72" 6/29/41
Selma	77 80	94.3 6/4/19 108 6/28/54	55.1 6/14/19 42 6/1/84	5.41" 4.13"	10.32" 1989 .34" 1988	2.31" 6/6/19 3.65" 6/25/91
Talladega	76.1 77	92.4 6/21/19 102 6/27/54	54.3 6/14/19 39 6/1/72	4.58" 4.64"	11.97" 1989 .32" 1988	1.27" 6/8/19 4.60" 6/22/97
Thomasville	76.7 78.7	93.6 6/23/19 108 6/26/30	54 6/14/19 46+ 6/1/84	3.78" 4.92"	12.69" 1989 .93" 1988	1.14" 6/6/19 3.98" 6/29/43
Troy	78.8 77.5	97 6/4/19 105 6/19/33	56 6/14/19 43 6/9/00	4.57" 4.78"	12.63" 1989 1.04" 1986	1.63" 6/9/19 4.36" 6/4/70
Tuscaloosa	80.9 78.7	98 6/3/19 105 6/28/52	59 6/14/19 45 6/3/56	5.59" 4.20"	11.98" 1989 1.22" 1988	1.21" 6/5/19 3.41" 6/18/63
Valley Head	72.3 72.2	89.3 6/27/19 101 6/28/52	47.2 6/14/19 35 6/1/66	2.94" 4.33"	9.19" 1976 .54" 1988	1.55" 6/8/19 3.08" 6/10/61

Community Collaborative Rain, Hail and Snow Network (CoCoRAHS)

June 2019

	Ave. Total Precip.	# Stations			Ave. Total Precip.	# Stations
Autauga	3.59	1		Houston	1.00	1
Baldwin	8.69	21		Jackson	3.71	4
Barbour	4.82	1		Jefferson	5.30	15
Bibb	5.49	1		Lamar	4.05	1
Blount	3.73	6		Lauderdale	5.16	8
Bullock	0.00	0		Lawrence	3.25	3
Butler	0.00	0		Lee	2.95	4
Calhoun	5.31	2		Limestone	5.05	6
Chambers	0.00	0		Lowndes	0.00	0
Cherokee	0.00	0		Macon	5.58	1
Chilton	3.65	1		Madison	4.42	19
Choctaw	6.55	1		Marengo	0.00	0
Clarke	4.35	4		Marion	3.82	1
Clay	0.00	0		Marshall	5.11	10
Cleburne	0.00	0		Mobile	7.10	13
Coffee	0.00	0		Monroe	3.43	2
Colbert	3.70	5		Montgomery	3.33	4
Conecuh	0.00	0		Morgan	3.70	6
Coosa	5.42	2		Perry	0.00	0
Covington	0.00	0		Pickens	0.00	0
Crenshaw	0.00	0		Pike	0.00	0
Cullman	7.52	4		Randolph	7.49	2
Dale	5.06	1		Russell	4.37	2
Dallas	5.15	1		St. Clair	6.74	5
DeKalb	4.73	5		Shelby	5.29	14
Elmore	6.99	4		Sumter	0.00	0
Escambia	3.37	2		Talladega	6.59	4
Etowah	0.00	0		Tallapoosa	8.50	1
Fayette	4.57	1		Tuscaloosa	4.64	5
Franklin	0.00	0		Walker	0.00	0
Geneva	0.00	0		Washington	2.47	1
Greene	0.00	0		Wilcox	5.12	2
Hale	0.00	0		Winston	3.56	2
Henry	0.00	0				

Normal June Precipitation*	
Abbeville	5.20
Alberta	4.36
Alex City	4.45
Aliceville	4.88
Andalusia	5.30
Ashland	4.35
Athens	4.69
Bay Minette	6.46
Bessemer	4.51
Billingsly	3.39
Centreville WSMO	4.28
Chatom	4.71
Claiborne L&D	4.10
Clayton	5.08
Dauphin Isl.	5.14
Elba	5.70
Eufaula WR	4.60
Evergreen	5.52
Fayette	4.92
Geneva 2	5.79
Greenville	5.00
Haleyville	4.83
Hamilton 3S	4.95
Heflin	4.31
Hurtsboro	3.49
Jasper	4.87
Lafayette	4.18
Livingston	4.48
Melvin	1.73
Milstead	4.34
Moulton	4.40
Oneonta	4.67
Perryville	4.08
Plantersville	3.95
Rock Mills	5.46
Rockford	3.82
Sylacauga	4.25

Highest Maximum Temperature Monthly Record						
STATION	DATE	RECORD	PREV. DATE	PREV. RECC	NUMBER O	DIFFERENCE
CLAYTON, AL US	6/5/19	101	6/26/16	101	63	0
Highest Minimum Temperature Monthly Record						
MOBILE REGIONAL AIRPORT, AL US	6/21/19	82	6/23/17	79	71	3
Highest Maximum Temperature Daily Record						
DAUPHIN ISLAND NUMBER 2, AL US	6/1/19	91	6/1/77	90	43	1
GENEVA NUMBER 2, AL US	6/1/19	97	6/1/11	97	43	0
DAUPHIN ISLAND NUMBER 2, AL US	6/2/19	92	6/2/11	91	43	1
MOBILE DOWNTOWN AIRPORT, AL US	6/2/19	95	6/2/18	94	70	1
MOBILE DOWNTOWN AIRPORT, AL US	6/3/19	98	6/3/18	97	70	1
DAUPHIN ISLAND NUMBER 2, AL US	6/4/19	93	6/4/77	92	43	1
TUSCALOOSA AIRPORT ASOS, AL US	6/4/19	99	6/4/11	98	71	1
CLAYTON, AL US	6/5/19	101	6/5/85	99	63	2
DAUPHIN ISLAND NUMBER 2, AL US	6/5/19	93	6/5/77	92	43	1
ENTERPRISE 2 W, AL US	6/17/19	97	6/17/10	97	53	0
TUSCALOOSA AIRPORT ASOS, AL US	6/22/19	103	6/22/64	101	71	2
Highest Minimum Temperature Daily Record						
ATMORE, AL US	6/1/19	76	6/1/98	76	79	0
DAUPHIN ISLAND NUMBER 2, AL US	6/3/19	82	6/3/08	81	43	1
BAY MINETTE, AL US	6/4/19	78	6/4/98	76	104	2
DAUPHIN ISLAND NUMBER 2, AL US	6/4/19	82	6/4/11	82	43	0
DAUPHIN ISLAND NUMBER 2, AL US	6/5/19	83	6/5/08	81	43	2
VERNON, AL US	6/5/19	73	6/5/10	72	62	1
HUNTSVILLE INTERNATIONAL AIRPORT JONES FIELD, AL US	6/5/19	72	6/5/17	72	60	0
ANNISTON METROPOLITAN AIRPORT, AL US	6/5/19	72	6/5/81	72	116	0
MUSCLE SHOALS REGIONAL AIRPORT, AL US	6/5/19	73	6/5/08	73	78	0
ENTERPRISE 2 W, AL US	6/6/19	75	6/6/81	75	53	0
HAMILTON 3 S, AL US	6/6/19	70	6/6/17	70	57	0
MUSCLE SHOALS REGIONAL AIRPORT, AL US	6/6/19	72	6/6/80	72	78	0
HAMILTON 3 S, AL US	6/7/19	71	6/7/94	71	57	0
HAMILTON 3 S, AL US	6/8/19	69	6/8/07	69	57	0
ROCK MILLS, AL US	6/8/19	68	6/8/15	68	77	0
TUSCALOOSA AIRPORT ASOS, AL US	6/8/19	74	6/8/93	74	71	0
SYLACAUGA 4 NE, AL US	6/9/19	71	6/9/62	71	64	0
HUNTSVILLE INTERNATIONAL AIRPORT JONES FIELD, AL US	6/9/19	72	6/9/15	72	60	0
HAMILTON 3 S, AL US	6/17/19	69	6/17/90	69	57	0
HAMILTON 3 S, AL US	6/18/19	69	6/18/15	69	57	0
CLAYTON, AL US	6/20/19	73	6/20/11	73	63	0
OPELIKA, AL US	6/20/19	72	6/20/11	71	62	1
ROBERTSDALE, AL US	6/20/19	76	6/20/11	76	95	0
MOBILE REGIONAL AIRPORT, AL US	6/20/19	78	6/20/09	77	71	1
OPELIKA, AL US	6/21/19	73	6/21/18	70	62	3
MOBILE DOWNTOWN AIRPORT, AL US	6/21/19	81	6/21/09	80	70	1
MOBILE REGIONAL AIRPORT, AL US	6/21/19	82	6/21/81	78	71	4
MONTGOMERY AIRPORT, AL US	6/21/19	77	6/21/81	77	71	0
CLAYTON, AL US	6/22/19	76	6/22/90	73	63	3
DAUPHIN ISLAND NUMBER 2, AL US	6/22/19	83	6/22/18	83	43	0
DEMOPOLIS LOCK AND DAM, AL US	6/22/19	75	6/22/09	75	67	0
GAINESVILLE LOCK, AL US	6/22/19	74	6/22/18	74	61	0
JACKSON, AL US	6/22/19	77	6/22/09	74	35	3
OPELIKA, AL US	6/22/19	74	6/22/18	72	62	2

SELMA, AL US	6/22/19	77	6/22/09	76	122	1
MOBILE DOWNTOWN AIRPORT, AL US	6/22/19	81	6/22/09	80	70	1
MOBILE REGIONAL AIRPORT, AL US	6/22/19	79	6/22/81	77	71	2
DAUPHIN ISLAND NUMBER 2, AL US	6/23/19	83	6/23/18	82	43	1
JACKSON, AL US	6/23/19	75	6/23/94	73	35	2
MOBILE DOWNTOWN AIRPORT, AL US	6/23/19	81	6/23/18	80	70	1
Lowest Maximum Temperature Daily Record						
MOULTON 2, AL US	6/7/19	72	6/7/97	72	62	0
RUSSELLVILLE NUMBER 2, AL US	6/7/19	64	6/7/98	73	65	-9
JACKSON, AL US	6/8/19	78	6/8/89	80	35	-2
JACKSON, AL US	6/19/19	81	6/19/87	85	35	-4
FAIRHOPE 2 NE, AL US	6/30/19	80	6/30/46	80	101	0
ROBERTSDALE, AL US	6/30/19	78	6/30/17	81	95	-3
Lowest Minimum Temperature Daily Record						
GAINESVILLE LOCK, AL US	6/14/19	54	6/14/85	54	61	0
MOBILE DOWNTOWN AIRPORT, AL US	6/14/19	66	6/14/14	67	70	-1
FORT BENNING LAWSON FIELD, AL US	6/16/19	59	6/16/12	60	70	0
Highest Precipitation Daily Record						
ROBERTSDALE, AL US	6/6/19	3.4	6/6/03	2.01	107	1.39
ALEXANDER CITY, AL US	6/7/19	3.39	6/7/14	2.2	49	1.19
HAMILTON 3 S, AL US	6/7/19	2.08	6/7/66	1.93	57	0.15
MILLERS FERRY LOCK AND DAM, AL US	6/7/19	0.78	6/7/88	0.7	38	0.08
ANNISTON METROPOLITAN AIRPORT, AL US	6/7/19	2.57	6/7/03	1.83	116	0.74
CAHABA PUMP HOUSE, AL US	6/8/19	1.05	6/8/01	0.9	37	0.15
HOLT LOCK AND DAM, AL US	6/8/19	0.84	6/8/13	0.7	38	0.14
ROCK MILLS, AL US	6/8/19	2.37	6/8/65	1.38	81	0.99
WETUMPKA, AL US	6/8/19	2.42	6/8/23	2.42	125	0
FORT PAYNE, AL US	6/9/19	1.56	6/9/78	1.04	83	0.52
FORT PAYNE, AL US	6/13/19	1.67	6/13/51	0.92	83	0.75
COFFEEVILLE LOCK AND DAM, AL US	6/18/19	0.59	6/18/91	0.58	36	0.01
WALNUT GROVE, AL US	6/18/19	1.12	6/18/00	0.7	78	0.42
FAIRHOPE 2 NE, AL US	6/19/19	3.41	6/19/72	3.37	101	0.04
JACKSON, AL US	6/19/19	1.24	6/19/63	0.56	57	0.68
CENTREVILLE 2.9 SW, AL US	6/19/19	2.17	6/19/89	1.55	44	0.62

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