

# The Alabama Climate Report

Brought to you by the Office of the Alabama Climatologist

**Volume 9, Number 8, November 2018**



Dr. John Christy, Alabama State Climatologist

Due to a time crunch on a number of issues, our November 2018 report is just now heading out the door. The month was a good bit colder than usual (16th coldest out of 124 years) at 50.4°F – over 3 degrees colder than normal. In fact snowflakes were observed in several North Alabama stations around the 15th. And, it was wet too – 2.24" above normal for the 14th wettest November state-wide. The wettest station was Oakman, about 40 miles NW of Birmingham on which fell 9.84". On the other end of the spectrum was Grove Hill on highway 43 south of Thomasville which received only 1.96".

Of the 72 stations that reported temperature in November, only three, situated around the Mobile Bay area, did not record a freezing temperature. The coldest was 16°F in Hamilton on I-22 near the Mississippi border. In October, only eight of the stations dipped to freezing and below, so that leaves 61 stations that recorded their first frost of the season this month.

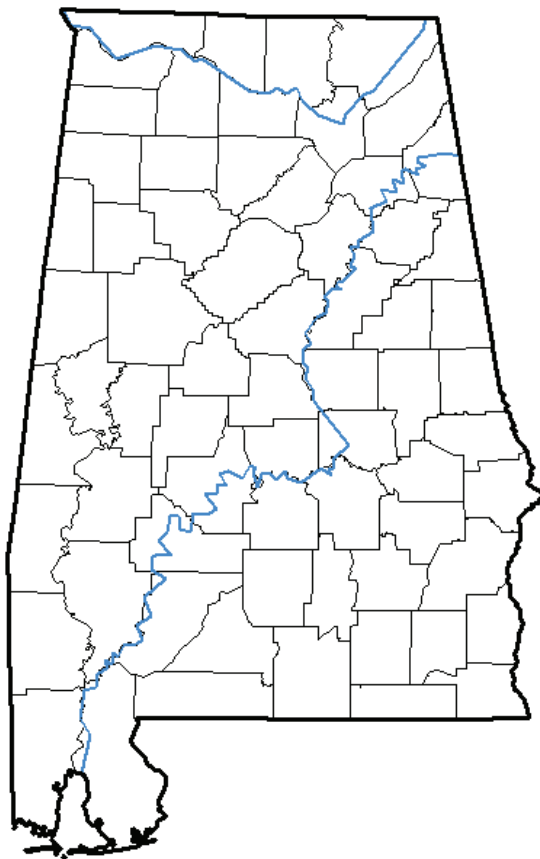
The El Niño (warm waters in the tropical Pacific) is well on its way for the coming winter and spring. We've been pointing to this possibility for the past few months. What we've seen so far is in keeping with typical El Niños from Birmingham southward – a bit cooler and a bit wetter than normal as the storm track tends to stay closer to the Gulf Coast.

I apologize for the lateness of the report. Have a terrific New Year.

- John Christy

**U.S. Drought Monitor**  
**Alabama**

**November 27, 2018**  
(Released Thursday, Nov. 29, 2018)  
Valid 7 a.m. EST



**Intensity:**

-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

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

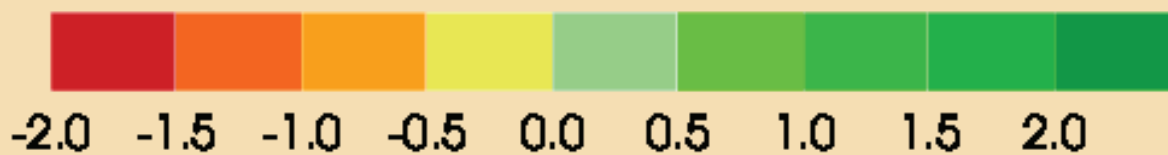
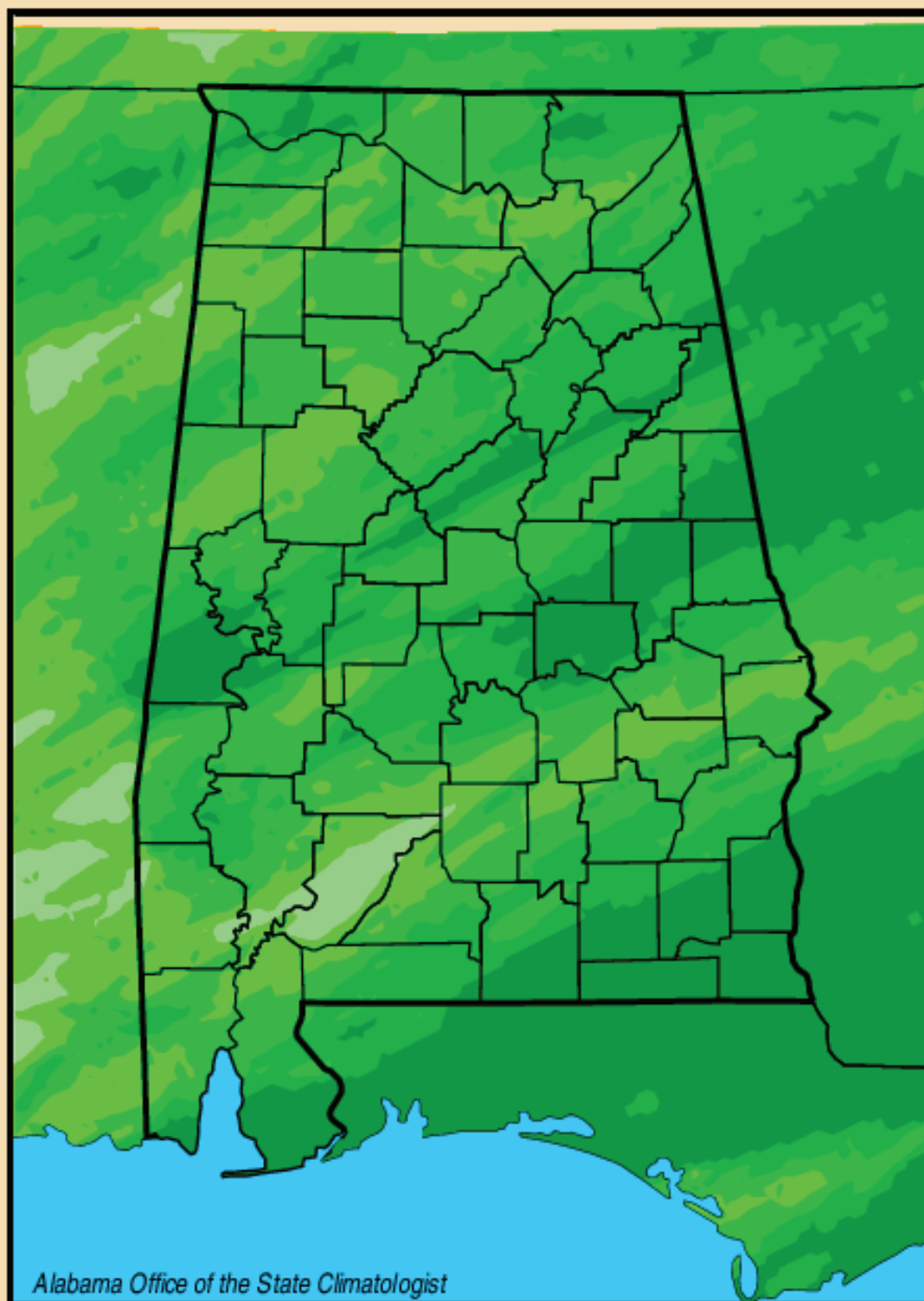
**Author:**

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<http://droughtmonitor.unl.edu/>

## Lawn-and-Garden Moisture Index for December 2, 2018



## Alabama Monthly Climate Summaries

November 2018

	Nov. Mean Nov. Norm	Nov. High Temp Record High	Nov. Low Temp Record Low	Total Precip. Normal Precip.	Wettest Nov. Driest Nov.	Heaviest Day Record Day
Anniston	49.5 53.4	74 11/6/18 88 11/2/74	22 11/28/18 5 11/25/50	8.16" 4.20"	10.32" 1992 1.03" 1980	3.91" 11/12/18 3.21" 11/28/48
Auburn	51.6 53.4	77 11/6/18 90 11/1/35	26 11/28/18 9 11/25/50	4.84" 3.47"	17.77" 1948 .23" 1924	1.95" 11/12/18 7.05" 11/27/48
Birmingham	49.6 53.1	73 11/6/18 85+ 11/1/00	23 11/28/18 5 11/25/50	5.64" 4.63"	9.66" 1986 1.67" 1981	2.14" 11/12/18 4.41" 11/27/83
Brewton	53.6 56	81.9 11/6/18 89+ 11/1/61	28.2 11/28/18 15 11/28/38	5.41" 5.16"	13.01" 1989 1.20" 1993	1.80" 11/12/18 4.52" 11/8/89
Calera	49.6 53	74 11/6/18 86 11/2/74	24 11/28/18 12 11/30/59	7.01" 3.69"	16.94" 1948 0.00" 1924	2.94" 11/12/18 4.70" 11/12/29
Clanton	49.2 53	72.7 11/6/18 88 11/1/35	24.8 11/28/18 8 11/25/50	8.19" 4.96"	17.37" 1986 .80" 1981	2.89" 11/12/18 5.50" 11/12/29
Courtland	46.3 M	72.2 11/5/18 M	20.1 11/28/18 M	5.32" M	M M	1.19" 11/12/18 M
Cullman (St. Bernard)	46.1 M	71.4 11/6/18 M	18.7 11/28/18 M	6.32" M	M M	1.46" 11/12/18 M
Decatur (Pryor Field)	46 51	73 11/6/18 86 11/3/35	19 11/28/18 3 11/25/50	4.99" 3.69"	14.26" 1957 0.00" 1910	1.14 11/12/18 3.97" 11/10/91
Dothan	56.4 58	81 11/7/18 88 11/5/46	30 11/28/18 17 11/25/50	5.81" 3.01"	10.29" 1930 .05" 1931	1.62" 11/7/18 4.50" 11/7/12
Fairhope	55.9 59.5	82.1 11/5/18 91 11/2/71	30.8 11/28/18 21 11/25/50	8.29" 5.19"	12.03" 1997 .81 1981	2.92" 11/1/18 4.88" 11/2/95
Gadsden	45.3 51.8	69.1 11/6/18 87 11/1/00	20.1 11/28/18 14+ 11/25/70	7.11" 4.56"	8.97" 1982 1.30" 1981	2.18" 11/12/18 4.31" 11/28/73
Gainesville Lock	49.3 53.6	73.2 11/6/18 87 11/1/61	25.4 11/28/18 17+ 11/30/76	6.26" 4.51"	10.24" 1986 .93" 1998	2.17" 11/12/18 3.58" 11/28/01
Greensboro	49.6 55.7	73.1 11/6/18 98 11/7/40	24.9 11/28/18 12 11/25/50	6.48" 4.47"	14.70" 1986 .75" 1981	1.81" 11/12/18 4.55" 11/12/29
Guntersville	M 51.3	M 85 11/12/89	M 7 11/30/79	M 4.45"	8.74" 1983 1.31" 1971	M 3.62" 11/19/48
Highland Home	52.6 56	79.4 11/6/18 88+ 11/1/84	26.6 11/28/18 10 11/25/50	4.71" 4.71"	11.87" 1997 .73" 1999	2.04" 11/12/18 3.2" 11/28/48
Huntsville	47.9 51.2	74 11/6/18 84+ 11/1/00	21 11/28/18 15+ 11/30/76	6.27" 5.22"	11.53" 1977 1.82" 1971	1.32" 11/12/18 3.33" 11/27/73
Mobile	57 58.9	84 11/6/18 87+ 11/2/71	31 11/15/18 22 11/25/50	6.29" 5.41"	12.70" 1992 .85" 1981	1.98" 11/12/18 7.01" 11/6/75
Montgomery	52.8 56.1	80 11/6/18 87+ 11/8/86	26 11/28/18 13 11/25/50	5.43" 4.53"	10.18" 1986 .51 1981	2.37" 11/12/18 8.16" 11/26/48
Muscle Shoals Airport	47.9 51.5	74 11/5/18 85 11/1/00	21 11/28/18 2 11/25/50	5.18" 5.09"	11.06" 1986 1.90" 1971	1.15" 11/12/18 3.65" 11/30/91
Russellville	45.5 50.1	71.5 11/5/18 85+ 11/2/00	16.6 11/28/18 10+ 11/25/70	5.98" 5.08"	9.76" 1986 .84" 1971	1.59" 11/1/18 3.80" 11/2/99
Scottsboro	45.4 50.2	70.9 11/6/18 85+ 11/2/00	20.0 11/28/18 1 11/25/50	7.15" 4.98"	11.43" 1977 1.52" 1971	1.53" 11/12/18 4.90" 11/17/27
Selma	49.7 56.2	72.9 11/6/18 91 11/3/30	23.1 11/28/18 13 11/25/50	5.91" 4.32"	10.44" 1986 .53" 1981	2.29" 11/12/18 3.62" 11/27/48
Talladega	48.4 51.4	72.8 11/6/18 86+ 11/2/74	20.6 11/28/18 5 11/25/50	7.31" 4.59"	10.69" 1992 .66" 1981	3.76" 11/12/18 3.31" 11/2/92
Thomasville	50.8 56.3	77.5 11/5/18 90 11/4/35	26.1 11/28/18 14 11/25/50	5.44" 5.31"	11.26" 1986 .86" 1981	2.16" 11/12/18 3.8" 11/6/59
Troy	52.9 56.2	81 11/6/18 89 11/4/35	25 11/28/18 12 11/25/50	4.58" 4.44"	10.53" 1992 1.33" 1990	2.02" 11/12/18 6.12" 11/8/43
Tuscaloosa	51 55.3	76 11/6/18 87+ 11/3/00	25 11/28/18 10 11/25/50	6.61" 4.84"	10.04" 2000 .84" 1985	1.75" 11/12/18 3.67" 11/11/95
Valley Head	44.9 48.5	70.5 11/6/18 84+ 11/3/74	17.7 11/28/18 -2 11/25/50	6.14" 5.00"	9.76" 1983 1.19" 1971	1.74" 11/12/18 4.06" 11/5/77



# Community Collaborative Rain, Hail and Snow Network (CoCoRAHS)

November 2018

	Ave. Total Precip.	# Stations			Ave. Total Precip.	# Stations
Autauga	7.29	2		Houston	8.13	2
Baldwin	7.13	24		Jackson	5.76	6
Barbour	4.85	1		Jefferson	7.74	15
Bibb	7.12	1		Lamar	8.14	1
Blount	6.73	7		Lauderdale	6.98	6
Bullock	n.a.	0		Lawrence	6.08	3
Butler	n.a.	0		Lee	3.78	3
Calhoun	8.88	2		Limestone	6.22	7
Chambers	n.a.	0		Lowndes	n.a.	0
Cherokee	n.a.	0		Macon	5.73	1
Chilton	8.94	1		Madison	5.75	18
Choctaw	6.96	1		Marengo	n.a.	0
Clarke	4.55	1		Marion	7.40	1
Clay	n.a.	0		Marshall	7.62	10
Cleburne	n.a.	0		Mobile	7.46	15
Coffee	n.a.	0		Monroe	7.05	2
Colbert	6.36	5		Montgomery	5.75	4
Conecuh	3.63	2		Morgan	7.99	5
Coosa	9.10	2		Perry	n.a.	0
Covington	n.a.	0		Pickens	n.a.	0
Crenshaw	n.a.	0		Pike	n.a.	0
Cullman	7.11	3		Randolph	8.46	2
Dale	7.20	1		Russell	6.44	2
Dallas	8.02	1		St. Clair	7.95	5
DeKalb	7.41	5		Shelby	8.13	16
Elmore	8.13	5		Sumter	n.a.	0
Escambia	6.35	2		Talladega	7.82	4
Etowah	n.a.	0		Tallapoosa	8.45	1
Fayette	8.64	1		Tuscaloosa	7.49	5
Franklin	n.a.	0		Walker	n.a.	0
Geneva	n.a.	0		Washington	6.68	1
Greene	n.a.	0		Wilcox	7.85	3
Hale	n.a.	0		Winston	7.63	2
Henry	n.a.	0				

Normal November Precipitation*	
Abbeville	4.61
Alberta	4.93
Alex City	4.79
Aliceville	4.84
Andalusia	4.73
Ashland	5.14
Athens	5.06
Bay Minette	5.20
Bessemer	5.08
Billingsly	5.04
Centreville WSMC	5.78
Chatom	5.78
Claiborne L&D	5.05
Clayton	4.03
Dauphin Isl.	4.14
Elba	4.63
Eufaula WR	4.10
Evergreen	4.88
Fayette	4.81
Geneva 2	5.24
Greenville	5.20
Haleyville	5.72
Hamilton 3S	5.20
Heflin	4.71
Hurtsboro	4.70
Jasper	5.68
Lafayette	4.58
Livingston	4.83
Melvin	4.91
Milstead	4.91
Moulton	5.12
Oneonta	4.90
Perryville	4.34
Plantersville	5.00
Rock Mills	4.51
Rockford	5.05
Sylacauga	4.80
Union Springs	5.06
Uniontown	4.90
Vernon	5.48
Warrior L&D	4.92
Wetumpka	4.20

## New Local Climate Records

### Lowest Maximum Temperature Monthly Record

STATION	DATE	RECORD	PREV. DATE	PREV. RECC	NUMBER C	DIFFERENCE
BESSEMER 3 WSW, AL US	11/15/18	37	11/28/13	40	41	-3
BANKHEAD LOCK AND DAM, AL US	11/16/18	35	11/30/76	35	61	0

### Highest Daily Precipitation in a Month Record

ANNISTON METROPOLITAN AIRPORT, AL US	11/12/18	3.91	11/10/09	3.51	115	0.4
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### Highest Maximum Temperature Daily Record

MOBILE DOWNTOWN AIRPORT, AL US	11/9/18	82	11/9/58	82	69	0
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### Highest Minimum Temperature Daily Record

HEADLAND, AL US	11/9/18	64	11/9/75	63	68	1
ROBERTSDALE, AL US	11/9/18	68	11/9/00	68	94	0
FORT BENNING LAWSON FIELD, AL US	11/9/18	65	11/9/66	62	69	3
HALEYVILLE, AL US	11/30/18	57	11/30/77	56	115	1

### Lowest Maximum Temperature Daily Record

BESSEMER 3 WSW, AL US	11/10/18	49	11/10/00	53	41	-4
GADSDEN, AL US	11/10/18	48	11/10/90	50	65	-2
MONTGOMERY AIRPORT, AL US	11/10/18	55	11/10/68	55	70	0
ALEXANDER CITY, AL US	11/11/18	51	11/11/96	54	48	-3
BELLE MINA, AL US	11/11/18	43	11/11/87	45	68	-2
JACKSON, AL US	11/11/18	51	11/11/96	54	34	-3
OPELIKA, AL US	11/11/18	51	11/11/77	54	61	-3
BESSEMER 3 WSW, AL US	11/14/18	42	11/14/14	42	41	0
HALEYVILLE, AL US	11/14/18	36	11/14/14	38	115	-2
MOBILE DOWNTOWN AIRPORT, AL US	11/14/18	46	11/14/14	51	69	-5
MOBILE REGIONAL AIRPORT, AL US	11/14/18	43	11/14/76	47	70	-4
MUSCLE SHOALS REGIONAL AIRPORT, AL US	11/14/18	38	11/14/14	40	77	-2
TUSCALOOSA AIRPORT ASOS, AL US	11/14/18	42	11/14/76	44	70	-2
BELLE MINA, AL US	11/15/18	40	11/15/76	40	68	0
BESSEMER 3 WSW, AL US	11/15/18	37	11/15/95	41	41	-4
CHATOM, AL US	11/15/18	40	11/15/14	47	68	-7
DAUPHIN ISLAND NUMBER 2, AL US	11/15/18	47	11/15/14	48	42	-1
DEMOPOLIS LOCK AND DAM, AL US	11/15/18	40	11/15/69	42	66	-2
FAIRHOPE 2 NE, AL US	11/15/18	44	11/15/40	45	100	-1
GAINESVILLE LOCK, AL US	11/15/18	38	11/15/69	39	60	-1
JACKSON, AL US	11/15/18	45	11/15/14	48	34	-3

MOULTON 2, AL US	11/16/18	33	11/16/97	43	61	-10
OPELIKA, AL US	11/16/18	38	11/16/14	46	61	-8
ROBERTSDALE, AL US	11/16/18	49	11/16/76	51	94	-2
SAND MOUNTAIN SUBSTATION, AL US	11/16/18	35	11/16/95	36	68	-1
SCOTTSBORO, AL US	11/16/18	33	11/16/95	41	126	-8
SYLACAUGA 4 NE, AL US	11/16/18	34	11/16/95	48	63	-14

#### Lowest Minimum Temperature Daily Record

RUSSELLVILLE NUMBER 2, AL US	11/12/18	16	11/12/60	20	64	-4
DAUPHIN ISLAND NUMBER 2, AL US	11/15/18	35	11/15/14	37	42	-2
DAUPHIN ISLAND NUMBER 2, AL US	11/16/18	35	11/16/14	41	42	-6
RUSSELLVILLE NUMBER 2, AL US	11/17/18	16	11/17/97	17	64	-1
RUSSELLVILLE NUMBER 2, AL US	11/18/18	16	11/18/97	16	64	0

#### Highest Precipitation Daily Record

RUSSELLVILLE NUMBER 2, AL US	11/1/18	2	11/1/79	1.4	64	0.6
COFFEEVILLE LOCK AND DAM, AL US	11/2/18	0.95	11/2/99	0.92	35	0.03
HAMILTON 3 S, AL US	11/2/18	1.73	11/2/99	1.72	56	0.01
ALICEVILLE L AND D, AL US	11/6/18	0.85	11/6/97	0.55	38	0.3
GADSDEN, AL US	11/7/18	1.3	11/7/89	1.15	65	0.15
FAYETTE, AL US	11/8/18	1.5	11/8/57	1.49	109	0.01
ADDISON, AL US	11/9/18	1.01	11/9/90	0.92	80	0.09
ATHENS, AL US	11/12/18	1.1	11/12/12	0.87	77	0.23
BESSEMER 3 WSW, AL US	11/12/18	2.1	11/12/82	0.8	41	1.3
BILLINGSLEY, AL US	11/12/18	2.64	11/12/66	1.77	79	0.87
GADSDEN, AL US	11/12/18	2	11/12/74	1.35	65	0.65
HALEYVILLE, AL US	11/12/18	1.4	11/12/12	1.4	115	0
ROCK MILLS, AL US	11/12/18	2.8	11/12/04	1.2	80	1.6
RUSSELLVILLE NUMBER 2, AL US	11/12/18	1.8	11/12/69	1.69	64	0.11
HUNTSVILLE INTERNATIONAL AIRPORT JONES FIELD, AL US	11/12/18	1.32	11/12/62	1.12	59	0.2
CENTREVILLE 2.9 SW, AL US	11/12/18	2.74	11/12/88	1.33	43	1.41
MOBILE DOWNTOWN AIRPORT, AL US	11/12/18	1.95	11/12/65	1.79	69	0.16
ANNISTON METROPOLITAN AIRPORT, AL US	11/12/18	3.91	11/12/75	0.9	115	3.01
MONTGOMERY AIRPORT, AL US	11/12/18	2.37	11/12/97	1.55	70	0.82
TUSCALOOSA AIRPORT ASOS, AL US	11/12/18	1.75	11/12/88	0.96	70	0.79
ALEXANDER CITY, AL US	11/13/18	2.64	11/13/75	1.48	48	1.16
ALICEVILLE L AND D, AL US	11/13/18	1.47	11/13/88	1.21	38	0.26
ATMORE, AL US	11/13/18	3.35	11/13/92	1.63	78	1.72
BANKHEAD LOCK AND DAM, AL US	11/13/18	1.56	11/13/88	0.58	61	0.98
BAY MINETTE, AL US	11/13/18	4	11/13/21	2.2	104	1.8
CAHABA PUMP HOUSE, AL US	11/13/18	2.25	11/13/12	0.65	36	1.6
CALERA, AL US	11/13/18	2.58	11/13/29	1.3	117	1.28
CHILDERSBURG WATER PLANT, AL US	11/13/18	3.13	11/13/72	1.05	61	2.08
CLANTON, AL US	11/13/18	2.58	11/13/75	1.6	123	0.98
DEMOPOLIS LOCK AND DAM, AL US	11/13/18	3.6	11/13/92	0.81	66	2.79
FORT PAYNE, AL US	11/13/18	1.53	11/13/12	0.75	82	0.78
GAINESVILLE LOCK, AL US	11/13/18	1.89	11/13/88	1.05	70	0.84
HOLT LOCK AND DAM, AL US	11/13/18	1.22	11/13/88	0.51	37	0.71
JACKSONVILLE, AL US	11/13/18	3.4	11/13/82	0.99	70	2.41
ONEONTA, AL US	11/13/18	1.29	11/13/12	0.65	123	0.64
OPELIKA, AL US	11/13/18	1.85	11/13/97	1.46	61	0.39

SAND MOUNTAIN SUBSTATION, AL US	11/13/18	1.66	11/13/12	0.64	69	1.02
SCOTTSBORO, AL US	11/13/18	1.1	11/13/12	0.98	126	0.12
SELMA, AL US	11/13/18	2.65	11/13/88	1.42	123	1.23
SYLACAUGA 4 NE, AL US	11/13/18	2.69	11/13/72	1.2	63	1.49
TALLADEGA, AL US	11/13/18	3.35	11/13/55	0.94	130	2.41
THORSBY EXPERIMENTAL STATION, AL US	11/13/18	3.25	11/13/72	1.52	60	1.73
UNIONTOWN, AL US	11/13/18	2.55	11/13/97	0.5	123	2.05
WALNUT GROVE, AL US	11/13/18	2.23	11/13/08	0.6	77	1.63
WARRIOR LOCK AND DAM, AL US	11/13/18	1.75	11/13/88	0.92	60	0.83
WEST BLOCTON, AL US	11/13/18	2.1	11/13/97	0.67	78	1.43
WEST POINT, GA US	11/13/18	2.64	11/13/35	1.19	125	1.45
DAUPHIN ISLAND NUMBER 2, AL US	11/14/18	0.49	11/14/00	0.49	42	0
ENTERPRISE 2 W, AL US	11/15/18	1.1	11/15/98	0.79	52	0.31
GENEVA NUMBER 2, AL US	11/15/18	0.65	11/15/08	0.4	42	0.25
OPELIKA, AL US	11/15/18	1.48	11/15/83	1.4	61	0.08
FORT BENNING LAWSON FIELD, AL US	11/15/18	1.23	11/15/76	0.83	69	0.4



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