

# The Alabama Climate Report

Brought to you by the Office of the Alabama Climatologist

**Volume 9, Number 10, January 2019**



Dr. John Christy, Alabama State Climatologist

January 2019 brought the usual weather variations that occur this time of year, warm, cold, wet, dry, but for the month as a whole, things were close to average. The coldest station in Alabama was Addison which saw a low temperature of 12°F on the 30th. Of the 74 stations with official reports though, only one did not dip below freezing, Bon Secour just northwest of Gulf Shores, bottoming out at only 35°F on the 26th. And, fairly rare, no station reported measureable snowfall for the month. On the warm side the state's highest official reading at this point was 79°F at Dothan on New Years Day.

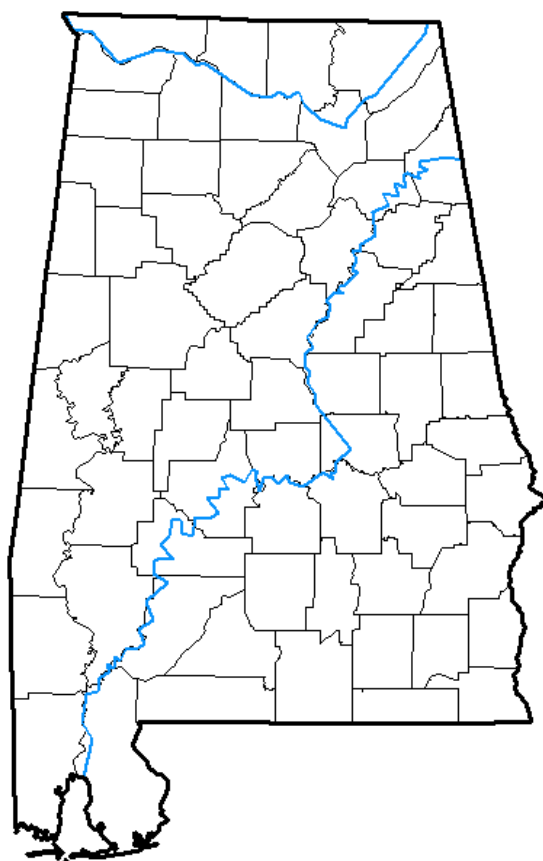
Statewide January's temperature was 46.4°F in Alabama which was slightly above the average of 45.1°F. January's temperature varies quite a bit. Since 1895 the coldest was experienced in 1940 with a statewide average of just 32.1°F, a month when bodies of water as large as Lake Guntersville froze over and photos of brave souls driving vehicles across the lake were taken. It hit 16°F below zero in St. Bernard that month. Exactly 10 years later the state roasted through a January that averaged 58.9°F, almost 14°F above average. Thus, the statewide, January average has bounced up and down with a span of over 25°F.

In terms of rainfall, the state's average was very near normal, at 5.71" compared with the long-term average of 5.18". As usual, stations around the state came in with a variety of totals. Many stations reported less than 3", mainly in South Alabama, while 26 stations in more northern locations measured over 8", with Chatom, though not far from Mobile, being at the top with 11.10". And, just as the temperature has bounced around the average, so to has precipitation. In 1927 the state averaged paltry 1.27", yet nine years later in 1936 11.49" drenched the state. As we all know, winter in Alabama is a time to be prepared for just about anything.




John Christy

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

**January 29, 2019**  
(Released Thursday, Jan. 31, 2019)  
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.*

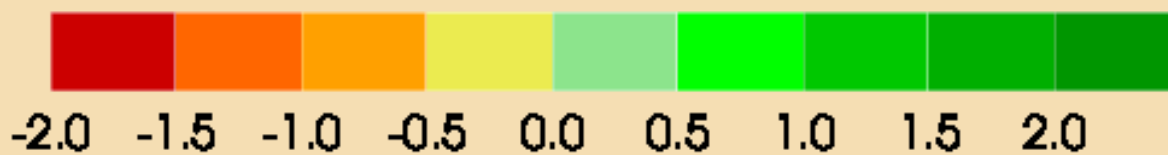
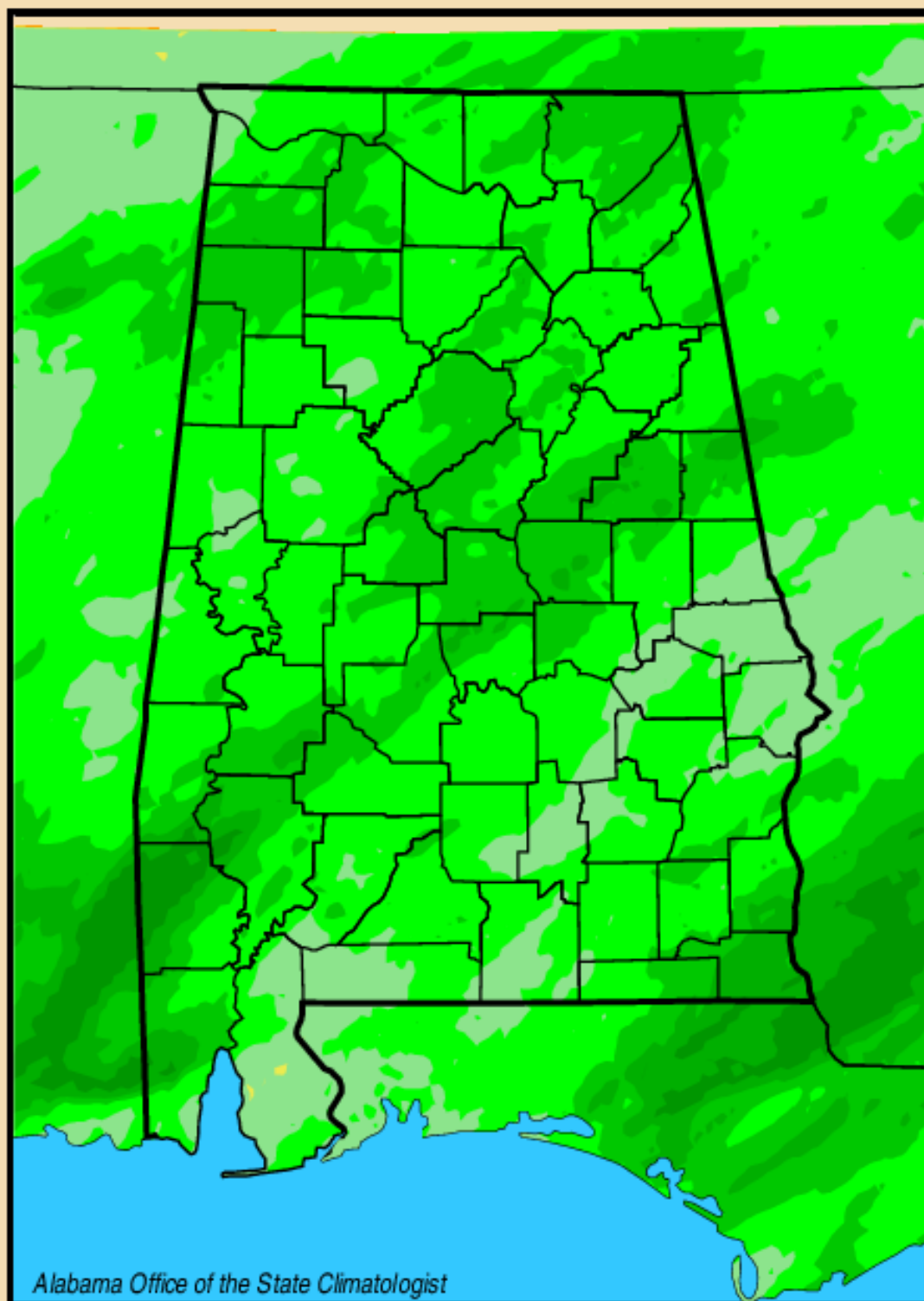
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<http://droughtmonitor.unl.edu/>

## Lawn-and-Garden Moisture Index for February 6, 2019



Alabama Monthly Climate Summaries						
January 2019						
	Jan. Mean Jan. Norm	Jan. High Temp Record High	Jan. Low Temp Record Low	Total Precip. Normal Precip.	Wettest Jan. Driest Jan.	Heaviest Day Record Day
Anniston	44.9 43.5	70 1/7/19 80+ 1/25/50	19 1/30/19 -5 1/21/85	6.14" 5.34"	12.69" 1972 .95" 1986	2.08" 1/23/19 5.07" 1/4/72
Auburn	47.3 48.3	70 1/7/19 84 12/20/24	23 1/30/19 -1 12/13/62	5.56" 5.26"	12.09" 1936 .49" 1927	1.31" 1/23/19 5.23" 1/29/12
Birmingham	45 42.6	70 1/8/19 81 1/10/49	20 1/30/19 -6 1/21/85	6.02" 5.45"	9.59" 1996 1.09" 1981	2.46" 1/23/19 4.71" 1/26/96
Brewton	48.5 47.7	73.1 1/1/19 85 1/12/49	24.1 1/30/19 3 1/21/85	4.21" 6.19"	12.55" 1991 1.46" 1981	1.72" 1/23/19 6.45" 1/25/78
Calera	45.4 42.8	70 1/8/19 78 1/29/57	23 1/30/19 -2 1/24/63	6.29" 5.06"	12.59" 1947 .74" 1927	2.22" 1/23/19 4.77" 1/24/20
Clanton	44.9 42.8	71.9 8/8/19 84 1/12/49	21.6 1/30/19 -4 1/21/85	6.55" 5.98"	13.48" 1972 1.15" 1986	3.16" 1/23/19 4.64" 1/19/36
Courtland	41.5 M	67.2 1/8/19 M	20.5 1/31/19 M	5.71" M	M M	1.99" 1/19/19 M
Cullman (St. Bernard)	41.3 M	66.1 1/8/19 M	16.4 1/30/19 M	7.02" M	M M	2.05" 1/23/19 M
Decatur (Pryor Field)	41.3 42.2	67 1/8/19 79 01/15/1907	20 1/31/19 -5 01/12/18	5.42" 5.04"	12.98" 1949 1.00" 1958	1.83" 1/19/19 4.62" 01/06/50
Dothan	51.9 50.7	79 1/1/19 83 12/11/49	27 1/30/19 10 12/24/63	4.63" 4.27"	16.88" 1936 .34" 1927	2.43" 1/23/19 6.42" 1/18/36
Fairhope	50.4 50.2	75.4 1/1/19 82 1/2/52	29.2 1/26/19 5+ 1/22/85	2.39" 6.11"	16.33" 1998 .87" 1989	.96" 1/23/19 9.58" 1/25/78
Gadsden	40.5 40.3	64.2 1/6/19 76 1/29/75	18.6 1/29/19 -6+ 1/21/85	7.10" 5.85"	9.01" 1996 1.48" 1981	2.69" 1/23/19 4.05" 1/16/54
Gainesville Lock	45.2 43.2	74.2 1/8/19 81 1/20/82	23.9 1/30/19 -2+ 1/22/85	5.93" 5.87"	10.80" 1998 1.30" 1981	1.66" 1/19/19 3.40" 1/20/63
Greensboro	45 45.7	73.8 1/8/19 83 1/9/37	20.9 1/30/19 -2 1/21/85	3.56" 6.12"	11.69" 1972 1.31" 1986	1.81" 1/23/19 5.58" 1/18/87
Guntersville	M 40	M 75+ 1/17/90	M -11 1/21/85	M 5.08"	9.37" 1982 .93" 1986	M 4.85" 1/5/49
Highland Home	48.2 45.8	70.7 1/7/19 84 1/12/49	23.9 1/30/19 -3+ 1/22/85	5.42" 5.48"	10.49" 1978 .92" 1981	1.63" 1/23/19 4.02" 1/25/78
Huntsville	42.8 39.9	68 1/8/19 77 1/30/2002	22 1/21/19 -11 1/30/66	7.15" 4.99"	10.92" 1982 1.32" 1986	2.69" 1/19/19 4.83" 1/3/82
Mobile	51.6 50.1	75 1/8/19 84 1/11/49	29 1/21/19 3 1/21/85	4.27" 5.75"	16.92" 1998 1.23" 1981	1.70" 1/23/19 6.16" 1/7/98
Montgomery	48.5 46.6	74 1/8/19 83 1/11/49	23 1/30/19 0 1/21/85	5.15" 5.04"	10.16" 1990 1.12" 1986	1.82" 1/23/19 4.16" 1/23/65
Muscle Shoals Airport	43 39.9	69 1/8/19 80 1/10/49	21 1/31/19 -11 1/21/85	4.85" 4.97"	11.77" 1974 .60" 1986	1.75" 1/19/19 4.41" 1/31/51
Russellville	41.2 38.9	66.8 1/8/19 78 1/25/72	17.3 1/30/19 -24+ 1/31/66	6.01" 5.44"	12.48" 1998 .93" 1986	2.01" 1/19/19 3.20" 1/19/2001
Scottsboro	41.1 39	67.9 1/8/19 81 1/11/49	18.3 1/30/19 -10 1/26/40	6.69" 6.01"	10.92" 1996 .84" 1986	2.02" 1/23/19 4.12" 1/2/37
Selma	45.2 47	73.9 1/8/19 83+ 1/30/50	21.5 1/30/19 0 1/21/85	6.50" 5.64"	12.24" 1972 1.07" 1986	3.12" 1/23/19 4.20" 1/6/32
Talladega	43.8 41	69.3 1/8/19 80+ 1/25/50	18.6 1/30/19 -5+ 1/21/85	5.52" 6.12"	15.59" 1972 1.05" 1986	1.89" 1/23/19 4.01" 1/4/72
Thomasville	46 47.4	73.7 1/8/19 86 1/20/1913	23.1 1/30/19 -1 1/21/85	7.54" 5.13"	14.37" 1925 .79" 1902	4.10" 1/23/19 5.04" 1/16/25
Troy	48.1 46.7	72.3 1/1/19 83 1/12/49	22 1/30/19 -1 1/21/85	4.67" 5.11"	9.81" 1978 .98" 1981	2.00" 1/23/19 5.43" 1/19/36
Tuscaloosa	46.6 45.2	74 1/8/19 82 1/10/49	23 1/30/19 -1+ 1/21/85	5.17" 5.72"	10.18" 1979 1.22" 1986	1.42" 1/23/19 4.26" 1/26/96
Valley Head	39.9 37.2	65 1/7/19 77+ 1/26/50	15.5 1/30/19 -14+ 1/22/85	6.73" 6.06"	10.42" 1974 1.70" 1981	2.15" 1/23/19 4.00" 1/5/49



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

January 2019

	Ave. Total Precip.	# Stations			Ave. Total Precip.	# Stations
Autauga	6.94	1		Houston	3.09	2
Baldwin	3.24	24		Jackson	7.89	4
Barbour	5.11	1		Jefferson	7.35	15
Bibb	7.58	1		Lamar	4.18	1
Blount	6.86	6		Lauderdale	7.44	6
Bullock	0.00	0		Lawrence	6.61	3
Butler	0.00	0		Lee	5.92	3
Calhoun	9.54	2		Limestone	6.67	7
Chambers	0.00	0		Lowndes	0.00	0
Cherokee	0.00	0		Macon	5.73	1
Chilton	7.49	1		Madison	7.12	16
Choctaw	7.23	1		Marengo	0.00	0
Clarke	5.21	4		Marion	7.04	1
Clay	0.00	0		Marshall	7.08	10
Cleburne	0.00	0		Mobile	4.20	17
Coffee	0.00	0		Monroe	4.72	2
Colbert	6.08	5		Montgomery	5.49	4
Conecuh	0.00	0		Morgan	6.88	5
Coosa	7.64	2		Perry	0.00	0
Covington	0.00	0		Pickens	0.00	0
Crenshaw	0.00	0		Pike	0.00	0
Cullman	6.45	4		Randolph	6.99	2
Dale	6.21	1		Russell	5.34	2
Dallas	7.31	1		St. Clair	8.05	5
DeKalb	7.57	5		Shelby	7.92	16
Elmore	6.87	5		Sumter	0.00	0
Escambia	5.16	2		Talladega	6.97	4
Etowah	0.00	0		Tallapoosa	7.09	1
Fayette	7.43	1		Tuscaloosa	7.55	6
Franklin	0.00	0		Walker	0.00	0
Geneva	9.83	1		Washington	6.07	1
Greene	0.00	0		Wilcox	7.75	2
Hale	0.00	0		Winston	7.43	2
Henry	0.00	0				

Normal January Precipitation*	
Abbeville	5.30
Alberta	4.84
Alex City	5.69
Aliceville	5.30
Andalusia	5.17
Ashland	5.48
Athens	6.06
Bay Minette	5.43
Bessemer	5.34
Billingsly	4.98
Centreville WSMO	5.63
Chatom	5.45
Claiborne L&D	5.49
Clayton	4.91
Dauphin Isl.	5.86
Elba	5.08
Eufaula WR	5.20
Evergreen	5.55
Fayette	5.75
Geneva 2	6.43
Greenville	4.98
Haleyville	5.79
Hamilton 3S	5.31
Heflin	5.31
Hurtsboro	4.89
Jasper	5.71
Lafayette	5.19
Livingston	4.77
Melvin	5.25
Milstead	4.85
Moulton	5.03
Oneonta	5.39
Perryville	5.00
Plantersville	5.26
Rock Mills	5.39
Rockford	5.54
Sylacauga	5.14
Union Springs	4.77
Uniontown	4.99
Vernon	5.95
Warrior L&D	5.34
Wetumpka	4.87

Highest Maximum Temperature Monthly Record						
STATION	DATE	RECORD	PREV. DATE	PREV. RECORD	NUMBER OF YEARS	DIFFERENCE
FORT BENNING LAWSON FIELD, AL US	1/22/19	84	1/11/49	84	70	0
FORT BENNING LAWSON FIELD, AL US	1/23/19	84	1/22/19	84	70	0
Highest Minimum Temperature Monthly Record						
CLAYTON, AL US	1/1/19	65	1/7/98	65	63	0
OPELIKA, AL US	1/1/19	64	1/7/98	64	62	0
Highest Precipitation for One Day Monthly Record						
TUSCALOOSA OLIVER DAM, AL US	1/24/19	5.55	1/27/96	4.14	119	1.41
Highest Maximum Temperature Daily Record						
DEMOPOLIS LOCK AND DAM, AL US	1/1/19	75	1/1/66	75	67	0
GUNTERSVILLE, AL US	1/1/19	72	1/1/11	69	109	3
HAMILTON 3 S, AL US	1/1/19	71	1/1/85	71	57	0
RUSSELLVILLE NUMBER 2, AL US	1/1/19	70	1/1/85	69	65	1
VERNON, AL US	1/1/19	73	1/1/65	73	62	0
ENTERPRISE 2 W, AL US	1/2/19	77	1/2/13	74	53	3
HEADLAND, AL US	1/3/19	80	1/3/66	76	69	4
FORT BENNING LAWSON FIELD, AL US	1/7/19	73	1/7/12	73	70	1
FORT BENNING LAWSON FIELD, AL US	1/8/19	73	1/8/65	71	70	2
MOBILE DOWNTOWN AIRPORT, AL US	1/8/19	78	1/8/09	74	70	4
MONTGOMERY AIRPORT, AL US	1/8/19	74	1/8/12	74	71	0
TUSCALOOSA AIRPORT ASOS, AL US	1/8/19	74	1/8/08	74	71	0
DAUPHIN ISLAND NUMBER 2, AL US	1/9/19	72	1/9/07	70	43	2
GAINESVILLE LOCK, AL US	1/9/19	73	1/9/08	73	61	0
VERNON, AL US	1/9/19	70	1/9/65	70	62	0
FORT BENNING LAWSON FIELD, AL US	1/22/19	84	1/22/52	78	70	6
FORT BENNING LAWSON FIELD, AL US	1/23/19	84	1/23/67	75	70	9
FORT BENNING LAWSON FIELD, AL US	1/25/19	84	1/25/50	81	70	3
Highest Minimum Temperature Daily Record						
ATMORE, AL US	1/1/19	68	1/1/52	65	79	3
BAY MINETTE, AL US	1/1/19	67	1/1/52	67	104	0
CLAYTON, AL US	1/1/19	65	1/1/89	58	63	7
GUNTERSVILLE, AL US	1/1/19	55	1/1/66	55	109	0
JACKSON, AL US	1/1/19	66	1/1/11	62	35	4
OPELIKA, AL US	1/1/19	64	1/1/65	56	62	8
SYLACAUGA 4 NE, AL US	1/1/19	58	1/1/97	56	64	2
FORT BENNING LAWSON FIELD, AL US	1/1/19	58	1/1/52	57	70	1
MONTGOMERY AIRPORT, AL US	1/1/19	61	1/1/52	59	71	2
CLAYTON, AL US	1/2/19	61	1/2/17	57	63	4
ENTERPRISE 2 W, AL US	1/2/19	60	1/2/00	58	53	2
GENEVA NUMBER 2, AL US	1/2/19	64	1/2/17	63	43	1
OPELIKA, AL US	1/2/19	58	1/2/96	57	62	1
FORT BENNING LAWSON FIELD, AL US	1/2/19	59	1/2/66	57	70	2
CLAYTON, AL US	1/3/19	61	1/3/17	60	63	1
ENTERPRISE 2 W, AL US	1/3/19	64	1/3/00	61	53	3
GENEVA NUMBER 2, AL US	1/3/19	63	1/3/17	61	43	2
JACKSON, AL US	1/3/19	59	1/3/97	59	35	0
GENEVA NUMBER 2, AL US	1/4/19	60	1/4/15	59	43	1
RUSSELLVILLE NUMBER 2, AL US	1/8/19	57	1/8/08	57	65	0
TUSCALOOSA AIRPORT ASOS, AL US	1/8/19	54	1/8/08	54	71	0
FORT BENNING LAWSON FIELD, AL US	1/26/19	57	1/26/12	54	70	3

Lowest Maximum Temperature Daily Record						
ATMORE, AL US	1/15/19	42	1/15/44	43	79	-1
BAY MINETTE, AL US	1/15/19	42	1/15/44	44	104	-2
JACKSON, AL US	1/26/19	42	1/26/08	43	35	-1
Highest Precipitation Daily Record						
SYLACAUGA 4 NE, AL US	1/1/19	1.13	1/1/82	1.04	64	0.09
CHATOM, AL US	1/2/19	1.7	1/2/99	1.52	69	0.18
HEADLAND, AL US	1/3/19	2.35	1/3/67	1.4	69	0.95
MOBILE REGIONAL AIRPORT, AL US	1/3/19	1.29	1/3/87	1.22	71	0.07
CHATOM, AL US	1/4/19	1.67	1/4/09	1.6	69	0.07
CLAYTON, AL US	1/4/19	2.3	1/4/42	0.77	90	1.53
GENEVA NUMBER 2, AL US	1/4/19	1.13	1/4/91	1.01	43	0.12
MILLERS FERRY LOCK AND DAM, AL US	1/4/19	1.27	1/4/82	0.73	38	0.54
OPELIKA, AL US	1/4/19	1.5	1/4/15	1.35	62	0.15
CENTREVILLE 2.9 SW, AL US	1/4/19	1.6	1/4/00	1.48	44	0.12
FORT BENNING LAWSON FIELD, AL US	1/4/19	1.8	1/4/09	0.69	70	1.11
HEADLAND, AL US	1/16/19	3.26	1/16/59	1.39	69	1.87
ATHENS, AL US	1/19/19	2.47	1/19/02	2.24	78	0.23
GADSDEN, AL US	1/19/19	2	1/19/88	1.94	66	0.06
HAMILTON 3 S, AL US	1/20/19	2.19	1/20/79	1.95	57	0.24
MOULTON 2, AL US	1/20/19	1.35	1/20/79	1.34	62	0.01
WEST POINT, GA US	1/20/19	1.57	1/20/63	1.45	126	0.12
BESSEMER 3 WSW, AL US	1/23/19	2.01	1/23/06	1.75	42	0.26
BILLINGSLEY, AL US	1/23/19	2.52	1/23/99	2.1	80	0.42
GADSDEN, AL US	1/23/19	2.3	1/23/80	2.3	66	0
LEEDS, AL US	1/23/19	2.5	1/23/53	1.65	102	0.85
ANNISTON METROPOLITAN AIRPORT, AL US	1/23/19	2.08	1/23/99	1.76	116	0.32
BIRMINGHAM AIRPORT, AL US	1/23/19	2.46	1/23/99	1.82	89	0.64
ADDISON, AL US	1/24/19	1.87	1/24/97	1.14	81	0.73
ALEXANDER CITY, AL US	1/24/19	2.35	1/24/96	1.12	49	1.23
ALICEVILLE L AND D, AL US	1/24/19	1.89	1/24/84	1.33	39	0.56
CAHABA PUMP HOUSE, AL US	1/24/19	2.6	1/24/06	0.91	37	1.69
CHATOM, AL US	1/24/19	7.2	1/24/10	3.6	69	3.6
CLANTON, AL US	1/24/19	2.83	1/24/68	2.62	124	0.21
CLAYTON, AL US	1/24/19	1.5	1/24/00	1.4	90	0.1
ENTERPRISE 2 W, AL US	1/24/19	1.99	1/24/84	1.32	53	0.67
FAYETTE, AL US	1/24/19	1.61	1/24/64	1.55	110	0.06
FORT PAYNE, AL US	1/24/19	2.4	1/24/71	1	83	1.4
GAINESVILLE LOCK, AL US	1/24/19	1.42	1/24/68	1.35	71	0.07
GENEVA NUMBER 2, AL US	1/24/19	2.4	1/24/79	1.56	43	0.84
GUNTERSVILLE, AL US	1/24/19	2.02	1/24/10	1.72	114	0.3
ONEONTA, AL US	1/24/19	2.39	1/24/97	1.7	124	0.69
REFORM, AL US	1/24/19	2	1/24/97	1.64	81	0.36
RUSSELLVILLE NUMBER 2, AL US	1/24/19	1.2	1/24/58	1	65	0.2
SAND MOUNTAIN SUBSTATION, AL US	1/24/19	2.23	1/24/64	1.25	70	0.98
SCOTTSBORO, AL US	1/24/19	2.21	1/24/64	2.1	127	0.11
SELMA, AL US	1/24/19	3.94	1/24/65	2.47	124	1.47
SYLACAUGA 4 NE, AL US	1/24/19	2.46	1/24/02	1.86	64	0.6
TUSCALOOSA OLIVER DAM, AL US	1/24/19	5.55	1/24/20	2.15	119	3.4
WALNUT GROVE, AL US	1/24/19	2.34	1/24/10	2	78	0.34
WARRIOR LOCK AND DAM, AL US	1/24/19	1.45	1/24/68	1.43	61	0.02
WETUMPKA, AL US	1/24/19	2.23	1/24/65	2.13	125	0.1



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