

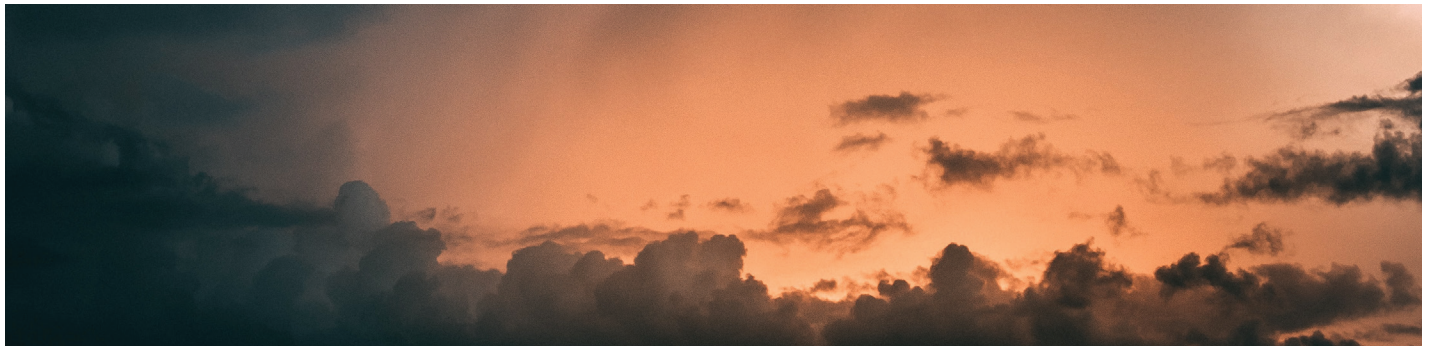
The  
**Alabama**  
Climate Report

Brought to you by the Office of the Alabama Climatologist

**APRIL 2022**



# Volume 14, Number 1 :: April 2022



As mentioned in March's climate report, April is the most active month for severe weather. This April was no exception with 20 tornadoes, 18 hail, and 62 wind reports (preliminary). Through April, Alabama has reported 68 tornadoes which is above the 30-year average (1991-2020) of about 50 tornadoes annually. Fortunately, no one was killed from the tornadoes that occurred during the month of April.

From a statewide temperature perspective, April's monthly average temperature and monthly average daily maximum temperature equaled their long-term averages of 62.8°F and 75.6°F, respectively. The monthly average daily minimum temperature of 49.9°F was slightly cooler than the long-term average of 50.1°F. April had multiple swings of warm and cold temperatures throughout the month which is typical for spring. During one of those warmer temperature swings, the Andalusia-Opp airport recorded the warmest location of the month at 91°F on the 25th. This station is also the only station to record a temperature of 90°F or warmer this April. Through one of the colder stretches, the station in DeSoto State park recorded the coldest location of the month at 27°F on the 10th.

Overall, the monthly rainfall was close to average statewide, where 5.24 inches of rain accumulated across the state, only 0.43 inches above the mean. However, the rainfall was not uniform across the state. Central/south-central/southwest Alabama recorded above normal rainfall with a station in Toxey, AL recording the most rainfall of the month at 9.64 inches. In contrast, the driest areas were located in northeast/southeast/coastal Alabama with a station in Midway, AL recording the driest location of the month at 2.29 inches of rainfall (with less than five days of observations missing).

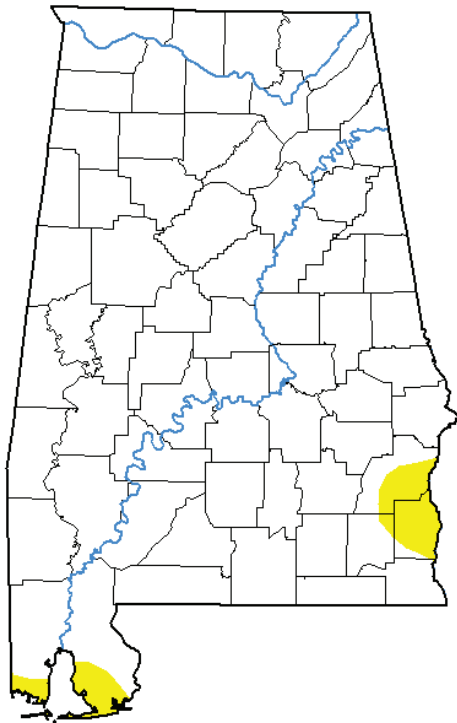
Summer is just around the corner, so is hurricane season. June 1st is the official start of the Atlantic hurricane season, although we have seen in recent years that tropical systems can develop during the month of May. Atlantic hurricanes tend to be more frequent during La Nina patterns. Given that we are currently in a La Nina pattern and this pattern is forecasted to continue, now may be a good time to review your severe weather plan for this summer and fall (mid-September is the peak of hurricane season).

Monthly summaries are provided by Drs. Rob Junod and John Christy.







# DROUGHT MONITOR

## U.S. Drought Monitor Alabama

**May 3, 2022**  
(Released Thursday, May 5, 2022)  
Valid 8 a.m. EDT



***Intensity:***

-  None
-  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. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

***Author:***

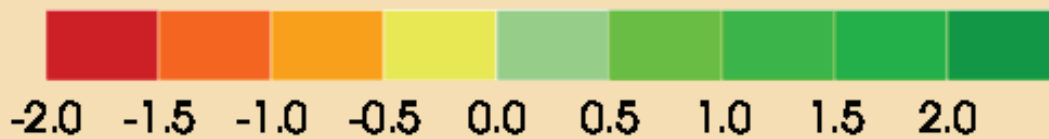
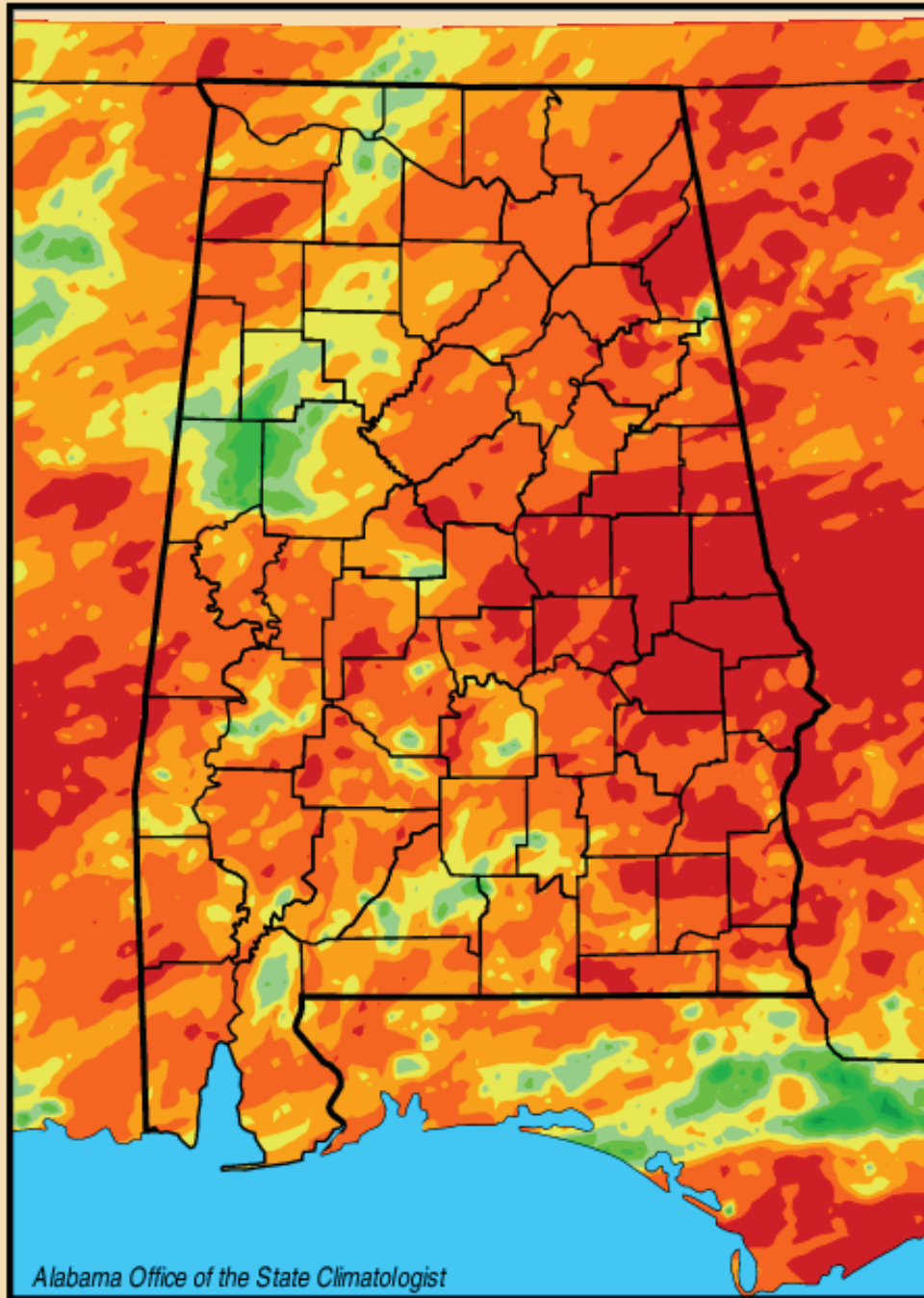
David Simeral  
Western Regional Climate Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# LAWN AND GARDEN

Lawn-and-Garden Moisture Index  
for May 9, 2022



# ALABAMA MONTHLY CLIMATE SUMMARIES

Alabama Monthly Climate Summaries						
April 2022						
	Apr. Mean Apr. Norm	Apr. High Temp Record High	Apr. Low Temp Record Low	Total Precip. Normal Precip.	Wettest Apr. Driest Apr.	Heaviest Day Record Day
Anniston	61.9	84 4/30/22	36 4/10/22	3.29"	17.30" 1979	1.51" 4/5/22
	62	93 4/17/55	26 4/17/1905	4.87"	.17" 1986	6.15" 4/29/63
Auburn	63.5	84 4/30/22	40 4/9/22	6.34"	17.66" 1964	2.79" 4/5/22
	64	94 4/30/42	27 4/13/40	4.92"	.50" 1915	5.15" 4/8/64
Birmingham	74.7	84 4/24/22	39 4/10/22	6.16"	13.75" 1979	2.59" 4/16/22
	62.6	92 4/21/87	26 4/11/73	4.67"	.42" 1986	4.61" 4/12/79
Brewton	64.5	85.5 4/25/22	37.9 4/9/22	5.30"	11.13" 1975	2.08" 4/5/22
	65.3	95 4/30/43	25 4/7/50	4.50"	.50" 1981	9.60" 4/14/55
Calera	64.6	85 4/30/22	41 4/10/22	6.17"	18.32" 1979	2.20" 4/6/22
	62.4	90 4/24/60	25 4/11/73	5.15"	.10" 1925	5.33" 4/13/79
Clanton	61.7	83.4 4/25/22	35.3 4/10/22	7.92"	22.00" 1979	3.54" 4/5/22
	62.7	94 4/25/25	26 4/13/40	5.43"	.12" 1986	9.00" 4/8/38
Courtland	59.9	83.2 4/23/22	34.3 4/10/22	4.94"	M	2.11" 4/13/22
	M	M	M	M	M	M
Cullman (St. Bernard)	59	82.3 4/25/22	30.5 4/10/22	5.67"	M	2.06" 4/16/22
	M	M	M	M	M	M
Decatur (Pryor Field)	59	82 4/13/22	33 4/10/22	4.23"	13.57" 1911	2.25" 4/13/22
	61.6	92 4/29/1899	26 4/6/1898	4.50"	.58" 1930	4.38" 4/6/1892
Dothan	66.7	87 4/26/22	40 4/10/22	3.39"	10.32" 1944	1.93" 4/17/22
	67.3	95 4/30/42	31 4/13/40	4.11"	.54" 1967	4.25" 4/6/37
Fairhope	66.1	83.4 4/30/22	39.5 4/9/22	3.92"	13.53" 1980	1.66" 4/5/22
	66.9	97 4/10/23	29 4/13/40	4.53"	.11" 1999	8.31" 4/15/96
Gadsden	58.4	79.6 4/6/22	33 4/10/22	2.02"	12.65" 1979	1.34" 4/5/22
	61.6	94 4/30/15	24 4/7/52	5.21"	.57" 1986	4.60" 4/13/79
Gainesville Lock	62.9	85.1 4/6/22	37.1 4/9/22	4.90"	18.41" 1979	1.41" 4/5/22
	63.3	92+ 4/28/87	29 4/1/87	5.37"	.34" 1976	7.55" 4/13/79
Greensboro	63	83.4 4/6/22	36.2 4/9/22	6.91"	12.37" 1979	3.03" 4/5/22
	64.4	97 4/25/16	28 4/13/40	5.33"	.59" 1987	4.46" 4/5/56
Guntersville	M	M	M	M	10.45" 1979	M
	59.2	94 4/26/86	25+ 4/3/92	4.81"	.77" 1986	5.01" 4/29/63
Highland Home	63.7	82.5 4/6/22	37 4/9/22	7.82"	14.00" 1964	4.17" 4/17/22
	64.8	96 4/30/1906	24 4/4/87	4.57"	.35" 1915	7.57" 4/27/64
Huntsville	72.2	84 4/13/22	36 4/10/22	4.86"	12.55" 1964	2.27" 4/13/22
	61.2	92 4/16/67	26 4/1/87	4.86"	.42" 1986	3.85" 4/5/83
Mobile	79	87 4/30/22	37 4/9/22	5.74"	15.43" 1980	1.98" 4/17/22
	67.3	94 4/21/87	32 4/5/87	5.70"	.08" 1999	6.65" 4/5/57
Montgomery	77.9	87 4/25/22	38 4/10/22	6.40"	15.64" 1964	2.14" 4/5/22
	64.8	91+ 4/5/88	28 4/1/87	4.34"	.52" 1986	4.54" 4/8/64
Muscle Shoals Airport	59.8	82.4 4/13/22	34.8 4/19/22	4.30"	12.81" 1983	1.71" 4/13/22
	61.5	92 4/30/87	27 4/11/89	4.43"	.36" 1986	5.34" 4/5/83
Russellville	58.9	81.9 4/13/22	31.6 4/19/22	5.83"	14.00" 1991	2.71" 4/16/22
	58	89+ 4/11/01	22 4/11/73	4.97"	.57" 1986	3.85" 4/6/83
Scottsboro	58.8	84.1 4/13/22	30.5 4/10/22	4.15"	9.57" 2000	1.60" 4/13/22
	58.7	92 4/30/43	23+ 4/3/92	4.52"	1.22" 1976	3.72" 4/29/63
Selma	62.8	83.64/24/22	36.6 4/9/22	7.48"	10.02" 1973	2.56" 4/5/22
	63.5	93+ 4/22/87	29 4/13/40	4.33"	.22" 1986	8.74" 4/8/38
Talladega	61.4	83.9 4/30/22	33.1 4/10/22	4.11"	18.27" 1979	2.01" 4/5/22
	59.8	92 4/18/55	24+ 4/3/92	4.80"	.35" 1986	5.72" 4/4/74
Thomasville	62.8	83.6 4/24/22	34.1 4/9/22	7.22"	12.02" 1979	1.91" 4/17/22
	64.1	94 4/22/87	27 4/13/40	4.64"	.49" 1987	5.47" 4/3/79
Troy	63.8	84.8 4/6/22	37.5 4/10/22	5.70"	8.41" 1979	2.34" 4/5/22
	63.4	94 4/30/42	29 4/13/40	4.25"	.73" 1986	4.52" 4/15/34
Tuscaloosa	77.2	91 4/22/22	38 4/9/22	5.23"	14.41" 1979	1.92" 4/5/22
	63.9	94 4/21/87	29 4/1/87	5.10"	.30" 1987	6.44" 4/12/79
Valley Head	58.1	82 4/13/22	29 4/10/22	3.65"	10.08" 1979	1.08" 4/5/22
	55.9	88+ 4/27/86	19 4/3/92	4.73"	1.10" 1976	4.18" 4/30/63

# NEW ALABAMA CLIMATE RECORDS

No monthly records were set in April 2022						
Highest Maximum Temperature Daily Record						
STATION	DATE	RECORD	PREV. DATE	PREV. RECORD	NUMBER OF YEARS	DIFFERENCE
DAUPHIN ISLAND NUMBER 2, AL US	4/5/22	80	4/5/89	79	46	1
DAUPHIN ISLAND NUMBER 2, AL US	4/7/22	81	4/7/15	79	46	2
VERNON, AL US	4/7/22	86	4/7/10	86	65	0
MOBILE DOWNTOWN AIRPORT, AL US	4/16/22	88	4/16/55	84	73	4
DAUPHIN ISLAND NUMBER 2, AL US	4/17/22	83	4/17/17	79	46	4
DAUPHIN ISLAND NUMBER 2, AL US	4/18/22	83	4/18/79	81	46	2
Highest Minimum Temperature Daily Record						
DAUPHIN ISLAND NUMBER 2, AL US	4/5/22	70	4/5/99	69	46	1
FAIRHOPE 2 NE, AL US	4/6/22	71	4/6/56	71	104	0
MOBILE DOWNTOWN AIRPORT, AL US	4/6/22	73	4/6/99	71	73	2
MOBILE REGIONAL AIRPORT, AL US	4/6/22	70	4/6/03	70	74	0
BESSEMER 3 WSW, AL US	4/13/22	65	4/13/15	65	45	0
CLAYTON, AL US	4/26/22	66	4/26/11	65	66	1
Lowest Maximum Temperature Daily Record						
GUNTERSVILLE, AL US	4/9/22	51	4/9/00	51	112	0
MOULTON 2, AL US	4/9/22	48	4/9/18	52	65	-4
OPELIKA, AL US	4/20/22	57	4/20/83	58	65	-1
OPELIKA, AL US	4/29/22	63	4/29/98	63	65	0
Lowest Minimum Temperature Daily Record						
GENEVA NUMBER 2, AL US	4/10/22	36	4/10/00	36	46	0
Highest Precipitation Daily Record						
MONTGOMERY AIRPORT, AL US	4/5/22	2.14	4/5/82	1.74	74	0.4
ATMORE, AL US	4/6/22	2.2	4/6/62	1.65	82	0.55
GENEVA NUMBER 2, AL US	4/6/22	1.25	4/6/08	1.18	46	0.07
JACKSON, AL US	4/6/22	2.44	4/6/19	1.35	60	1.09
ATHENS, AL US	4/13/22	1.87	4/13/00	1.24	81	0.63
BELLE MINA 2 N, AL US	4/14/22	2.28	4/14/82	2.12	72	0.16
HALEYVILLE, AL US	4/14/22	2.2	4/14/83	2.19	119	0.01
MOULTON 2, AL US	4/14/22	1.97	4/14/19	1.91	65	0.06
BIRMINGHAM AIRPORT, AL US	4/16/22	2.59	4/16/15	1.97	92	0.62
MONTGOMERY AIRPORT, AL US	4/16/22	1.2	4/16/54	1	74	0.2
BEVILL LOCK AND DAM, AL US	4/17/22	1.41	4/17/15	0.65	42	0.76
BESSEMER 3 WSW, AL US	4/17/22	1.26	4/17/82	0.41	45	0.85
DEMOPOLIS LOCK AND DAM, AL US	4/17/22	2.15	4/17/15	0.81	70	1.34
JACKSON, AL US	4/17/22	1.96	4/17/15	0.61	60	1.35
OPELIKA, AL US	4/17/22	0.38	4/17/12	0.3	65	0.08
WARRIOR LOCK AND DAM, AL US	4/17/22	1.75	4/17/15	0.7	64	1.05
DOTHAN REGIONAL AIRPORT, AL US	4/17/22	1	4/17/15	0.69	52	0.31
MOBILE REGIONAL AIRPORT, AL US	4/17/22	1.98	4/17/60	1.13	74	0.85
MONTGOMERY AIRPORT, AL US	4/17/22	1.43	4/17/82	0.83	74	0.6
ATMORE, AL US	4/18/22	1.6	4/18/14	1.4	82	0.2
BANKHEAD LOCK AND DAM, AL US	4/18/22	1.21	4/18/69	1	65	0.21
CLAYTON, AL US	4/18/22	1.41	4/18/15	1.29	93	0.12
GENEVA NUMBER 2, AL US	4/18/22	2.7	4/18/14	2.35	46	0.35
HOLT LOCK AND DAM, AL US	4/18/22	0.9	4/18/88	0.78	41	0.12
JACKSON, AL US	4/18/22	1.3	4/18/12	0.97	60	0.33

# CoCoRAHS

Community Collaborative Rain, Hail and Snow Network (CoCoRAHS)								
April 2022								
	Ave. Total Precip.	# Stations			Ave. Total Precip.	# Stations	Normal March Precipitation*	
Autauga	5.39	1		Houston	4.34	3	Abbeville	4.08
Baldwin	3.71	34		Jackson	4.26	5	Alberta	4.89
Barbour	5.81	1		Jefferson	5.08	19	Alex City	4.56
Bibb	2.85	1		Lamar	8.20	1	Aliceville	5.26
Blount	4.59	3		Lauderdale	4.72	9	Andalusia	4.88
Bullock	n.a.	0		Lawrence	5.47	4	Ashland	4.64
Butler	3.58	1		Lee	5.11	4	Athens	4.53
Calhoun	4.40	2		Limestone	4.60	10	Bay Minette	5.30
Chambers	n.a.	0		Lowndes	n.a.	0	Bessemer	4.80
Cherokee	n.a.	0		Macon	6.58	1	Billingsly	5.00
Chilton	6.54	1		Madison	4.45	22	Centreville WSM	5.02
Choctaw	4.82	2		Marengo	n.a.	0	Chatom	5.01
Clarke	6.08	3		Marion	5.03	1	Claiborne L&D	4.29
Clay	6.18	1		Marshall	4.26	11	Clayton	4.25
Cleburne	n.a.	0		Mobile	4.23	26	Dauphin Isl.	4.31
Coffee	n.a.	0		Monroe	7.82	3	Elba	4.52
Colbert	4.67	7		Montgomery	7.00	4	Eufaula WR	3.56
Conecuh	n.a.	0		Morgan	5.19	7	Evergreen	4.51
Coosa	n.a.	0		Perry	n.a.	0	Fayette	5.57
Covington	5.62	1		Pickens	n.a.	0	Geneva 2	3.92
Crenshaw	n.a.	0		Pike	n.a.	0	Greenville	4.71
Cullman	5.48	3		Randolph	5.45	1	Haleyville	5.48
Dale	n.a.	0		Russell	5.14	2	Hamilton 3S	5.89
Dallas	8.55	1		St. Clair	4.56	6	Hefflin	5.26
DeKalb	4.16	7		Shelby	4.81	16	Hurtsboro	3.92
Elmore	6.14	4		Sumter	n.a.	0	Jasper	5.59
Escambia	6.40	1		Talladega	5.65	3	Lafayette	5.15
Etowah	2.99	3		Tallapoosa	5.06	1	Livingston	5.10
Fayette	6.23	1		Tuscaloosa	5.99	5	Melvin	5.38
Franklin	n.a.	0		Walker	7.14	1	Millstead	4.59
Geneva	n.a.	0		Washington	7.59	1	Moulton	5.16
Greene	n.a.	0		Wilcox	7.61	2	Oneonta	5.01
Hale	n.a.	0		Winston	6.35	2	Perryville	5.06
Henry	n.a.	0					Plantersville	5.18
							Rock Mills	4.90
							Rockford	5.23
							Sylacauga	4.74
							Union Springs	4.45
							Uniontown	4.64
							Vernon	5.52
							Warrior L&D	5.12
							Wetumpka	4.68

## Alabama State Climatologist

John R. Christy

Alabama State Climatologist

The University of Alabama

in Huntsville

[christy@nsstc.uah.edu](mailto:christy@nsstc.uah.edu)

256-961-7763

## Assistant State Climatologist

Robert Junod

The University of Alabama in Huntsville

[rjunod@nsstc.uah.edu](mailto:rjunod@nsstc.uah.edu)

256-961-7743

## Associate State Climatologist

Lee Ellenburg

The University of Alabama in Huntsville

[wle00001@uah.edu](mailto:wle00001@uah.edu)

256-961-7498

**For questions, please contact:**

[alabama.climate@nsstc.uah.edu](mailto:alabama.climate@nsstc.uah.edu)

<http://nsstc.uah.edu/alclimatereport>