

Volume 13, Number 6 :: September 2021



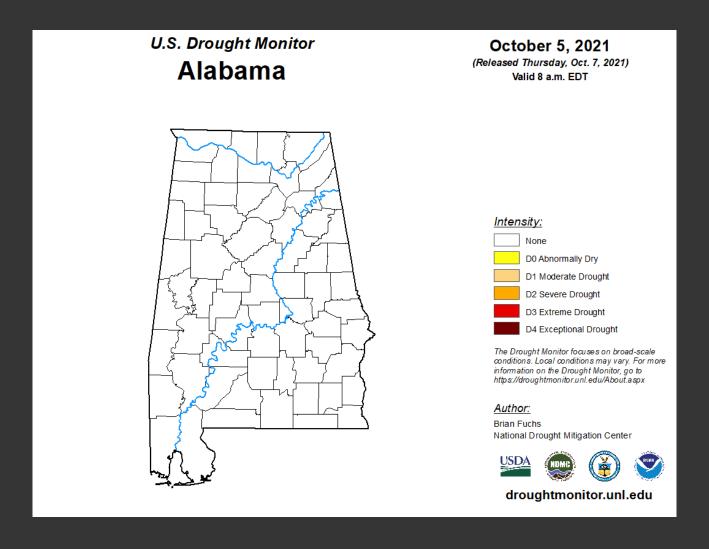
Wetter than normal conditions appear to be the overall theme of 2021 in Alabama. September continued this theme with, statewide, 0.71 inches of rainfall above the 20th century average of 3.78 inches. Temperature-wise, September was 0.9°F below the longterm average of 74.7°F.

While the overall rainfall was above normal on average, there was considerable variability in wet and dry locations across the state. The north and southwest part of the state were generally wetter than normal. In fact, the Athens station and the Decatur 4 SE station recorded their wettest September on record at 9.82 inches and 9.14 inches of rainfall, respectively. While not a record, the station recording the most rainfall for the month was the Dauphin Island 4.8 E station at 14.4 inches of rainfall. In contrast, parts of central and southeast Alabama were generally drier than normal. The station that recorded the least amount of rainfall (with no missing data) was at Anniston Metropolitan airport with 1.65 inches of rainfall.

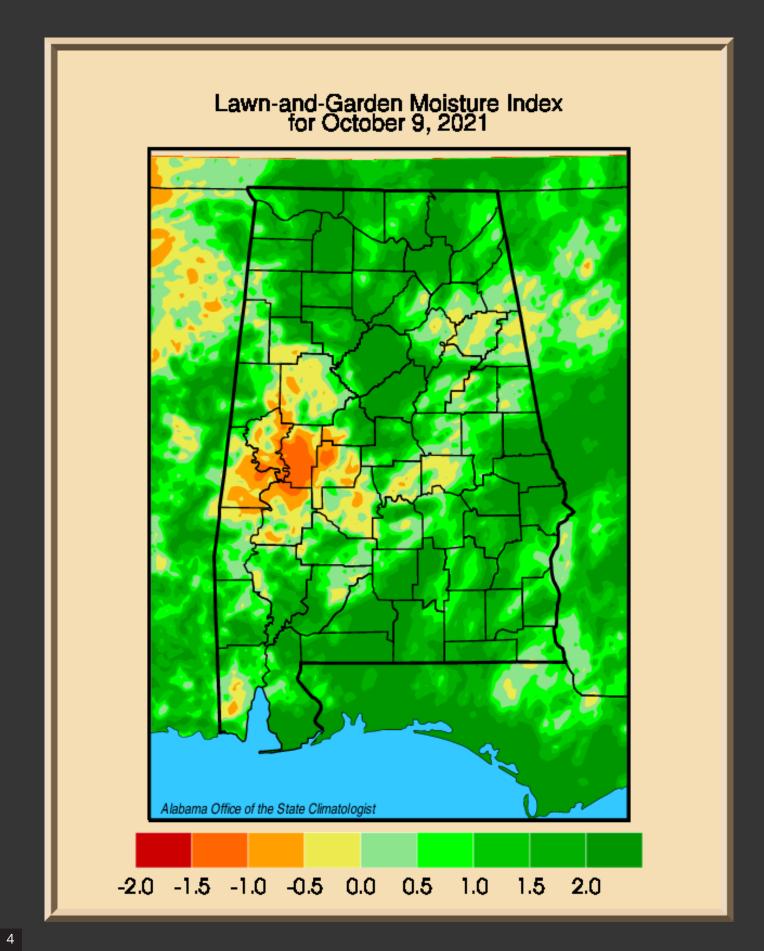
Unlike August, September experienced cooler than normal temperatures for much of Alabama, particularly from 22nd to 25th due to northwest flow ushering in cold air from Canada. A U.S. forest station in DeSoto State Park recorded the coldest value of the month at 40°F on the 24th. However, September is still capable of producing 90°F+ temperatures. This held true for 54 stations across the state that recorded 90°F or greater at least once this month. The warmest location (once again) was at the Andalusia-Opp Airport station with a temperature of 96°F on the 6th.

The end of the September signifies the end of the water year (October 1st to September 30th). This water year, Alabama was much wetter than normal but not as wet as the recordbreaking 2020 year. Alabama had 66.09 inches of precipitation (10.82 inches above the longterm average), the 13th wettest on record. Alabama has been fortunate to not have a drier than normal water year since 2015.

DROUGHT MONITOR



LAWN AND GARDEN



ALABAMA MONTHLY CLIMATE SUMMARIES

Alabama Monthly Climate Summaries September 2021									
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	Sept. Mean Sept. Norm	Sept. High Temp Record High	Sept. Low Temp Record Low	Total Precip. Normal Precip.	Wettest Sept. Driest Sept.	Heaviest Sept. Record Sept.			
Anniston	74.1	90 9/1/21	48 9/24/21	1.65"	7.22" 1975	0.43" 9/20/21			
	73.8 74.4	101+ 9/1/57 89 9/7/21	34 9/30/67 52 9/23/21	3.32" 3.44"	.33" 1984 10.19" 1956	3.99" 9/21/95 0.81" 9/15/21			
Auburn	74.4 75.9	108 9/5/25	34 9/30/67	3.60"	.36" 1919	6.48" 9/26/56			
Discolarity of the second	75.2	90 9/1/21	50 9/24/21	1.54"	10.43" 1977	0.84" 9/18/21			
Birmingham	73.8	102 9/19/31	37 9/30/67	4.05"	.16" 1984	3.70" 9/27/79			
Brewton	73.1	89.9 9/1/21	50.1 9/25/21	6.28"	25.20" 1998	1.80"9/15/21			
2.0.1.0.1	75.1	101+ 9/15/72	32 9/30/67	5.51"	0.02" 2019	9.30" 9/28/98			
Calera	74.4 73.6	90 9/1/21 101 9/15/80	51 9/24/21 33 9/30/67	3.13" 3.76"	12.75" 1906 .07" 1955	1.31" 9/18/21 7.05" 9/29/1906			
	71.8	89.2 9/1/21	47.5 9/24/21	3.22"	10.30" 1979	1.00" 9/1/21			
Clanton	73	101+ 9/16/80	36 9/30/67	4.66"	.37" 1990	5.20" 9/28/79			
Courtland	71.1	86.6 9/1/21	47.3 9/24/21	2.71"	М	1.20" 9/19/21			
	M	M	M	M	M	M			
Cullman (St. Bernard)	69.9	85.6 9/1/21	45.3 9/24/21	7.47"	M M	2.19" 9/19/21			
	M 72.1	M 88 9/8/21	M 47 9/24/21	M 4.32"	8.49" 1946	M 1.91" 9/18/21			
Decatur (Pryor Field)	74.4	104 9/9/25	37 9/27/1899	2.95"	0.01" 2019	4.34" 9/10/46			
Dothan	76.9	91 9/21/21	53 9/24/21	2.54"	13.86" 1929	1.10" 9/16/21			
Doulan	76.9	100 9/3/40	45 9/29/67	5.02"	0.06" 2019	8.00" 9/30/29			
Fairhope	75.2	90.6 9/1/21	32 9/28/21	6.13"	24.11" 1998	3.58" 9/15/21			
	77.3 68.7	100 9/10/54 85.7 9/13/21	41 9/30/67 44.5 9/24/21	5.97" 3.72"	0.02" 2019 9.29" 1979	9.18" 9/28/98 1.83" 9/20/21			
Gadsden	73.1	102 9/3/54	33 9/30/67	4.13"	0.09" 2019	4.07" 9/22/58			
Ontro autilla Lank	72.9	91.3 9/1/21	51.7 9/24/21	5.72"	11.85" 1974	1.75" 9/18/21			
Gainesville Lock	74.9	102 9/10/80	38 9/30/67	3.61"	0.02" 2019	4.26" 9/5/49			
Greensboro	72.4	90.8 9/1/21	48.5 9/24/21	3.55"	9.13" 1974	1.31" 9/18/21			
	76.1	104+ 9/5/54	39 9/30/67	3.93"	0.00" 2019	4.79" 9/5/49			
Guntersville	M 72.2	M 102 9/4/54	M 38 9/30/67	M 4.23"	11.07" 1977 .12" 1984	M 4.06" 9/12/88			
	73.3	88.7 9/1/21	52.1 9/24/21	5.07"	13.19" 1975	1.99" 9/18/21			
Highland Home	74.7	102 9/11/80	37+ 9/30/67	4.03"	0.02" 2019	6.35" 9/26/53			
Huntsville	72.6	89 9/13/21	48 9/23/21	5.96"	9.78" 1980	3.31" 9/19/21			
Tiulità ville	72.9	101 9/7/90	37 9/30/67	3.94"	0.27" 2019	3.93" 9/25/80			
Mobile	76.2	93 9/1/21	53 9/25/21	7.88"	24.13" 1998	3.39" 9/15/21			
	77.2 76.5	99+ 9/4/90 92 9/1/21	42 9/29/67 52 9/25/21	6.01" 4.84"	.74" 1984 9.47" 1998	8.60" 9/28/98 1.90" 9/18/21			
Montgomery	76.3	101+ 9/10/80	39 9/30/67	4.22"	0.05" 2019	8.72" 9/26/53			
Muscle Shoals Airport	75	91 9/8/21	51 9/24/21	3.77"	10.13" 1979	0.90" 9/17/21			
muscle Silvais Airport	72.9	103 9/4/54	39+ 9/23/82	4.30"	0.11" 2019	5.71" 9/13/79			
Russellville	69.8	86 9/1/21	44.7 9/24/21	4.53"	10.06" 1975	1.03" 9/18/21			
	71.2 69.5	102+ 9/6/54	30 9/30/67	4.18" 4.93"	.34" 1999 10.99" 1977	5.33" 9/14/79			
Scottsboro	69.5 71.5	86.7 9/8/21 105+ 9/6/54	47.2 9/24/21 36+ 9/27/40	4.93" 4.81"	0.00" 2019	2.17" 9/19/21 4.92" 9/28/79			
9-1	72.4	91 9/1/21	48.2 9/25/21	4.30"	10.96" 1998	2.02" 9/16/21			
Selma	76.2	105 9/6/54	40 9/30/67	3.87"	0.02" 2019	6.15" 9/29/98			
Talladega	71.6	88.2 9/5/21	46 9/24/21	6.24"	8.04" 1979	3.60" 9/8/21			
	71.8	103 9/4/54	35 9/30/67	3.76"	0.07" 2019	4.00" 9/23/75			
Thomasville	71.9 76.2	90.4 9/1/21 104 9/11/80	48.6 9/25/21 39 9/29/67	1.51" 4.13"	13.42" 1998 0.06" 2019	.81" 9/1/21 7.30" 9/8/74			
_	77.4	94 9/7/21	50 9/24/21	3.09"	13.29" 1998	1.39" 9/15/21			
Troy	75.8	104 9/8/54	38 9/30/67	3.52"	0.29" 1980	7.46" 9/1/37			
Tuscaloosa	75.8	93 9/1/21	51 9/24/21	3.02"	10.91" 2009	0.81" 9/18/21			
1430410034	75.6	104 9/1/51	37 9/30/67	3.48"	0.00" 1955	6.28" 9/3/01			
Valley Head	67.5	84.6 9/8/21	42.7 9/24/21	4.30"	9.77" 1977	1.65" 9/20/21			
	69.3	100+ 9/7/54	29 9/30/67	4.27"	0.64" 2019	5.38" 9/17/60			

NEW ALABAMA CLIMATE RECORDS

No monthly records were set in September 20	21					
Highest Minimum Temperature Daily Record						
STATION	DATE	RECORD	PREV. DATE	PREV. RECORD	NUMBER OF YEARS	
ATMORE, AL US	9/1/21	76	9/1/20	76	81	0
BREWTON 3 ENE, AL US	9/1/21	73	9/1/12	73	44	0
ATMORE, AL US	9/3/21	76	9/3/15	76	81	0
ATMORE, AL US	9/5/21	76	9/5/16	75	81	1
ATMORE, AL US	9/6/21	73	9/6/18	73	81	0
CHILDERSBURG WATER PLANT, AL US	9/6/21	74	9/6/18	74	64	0
ATMORE, AL US	9/7/21	76	9/7/04	74	81	2
JACKSON, AL US	9/7/21	73	9/7/94	73	37	0
TUSCALOOSA AIRPORT ASOS, AL US	9/8/21	73	9/8/61	73	73	0
GENEVA NUMBER 2, AL US	9/17/21	72	9/17/02	72	45	0
HEADLAND, AL US	9/17/21	75	9/17/57	73	71	2
ANNISTON METROPOLITAN AIRPORT, AL US	9/17/21	73	9/17/16	73	118	0
MUSCLE SHOALS AIRPORT, AL US	9/17/21	73	9/17/16	73	80	0
TUSCALOOSA AIRPORT ASOS, AL US	9/17/21	74	9/17/09	73	73	1
ATMORE, AL US	9/18/21	76	9/18/18	76	81	0
BANKHEAD LOCK AND DAM, AL US	9/18/21	72	9/18/16	72	64	0
GAINESVILLE LOCK, AL US	9/18/21	73	9/18/16	73	63	0
ROCK MILLS, AL US	9/18/21	72	9/18/16	71	79	1
RUSSELLVILLE NUMBER 2, AL US	9/18/21	68	9/18/09	68	67	0
SAND MOUNT SUBSTATION, AL US	9/18/21	70	9/18/16	70	71	0
SELMA, AL US	9/18/21	75	9/18/18	74	124	1
ANNISTON METROPOLITAN AIRPORT, AL US	9/18/21	73	9/18/91	73	118	0
BREWTON 3 ENE, AL US	9/19/21	73	9/19/98	73	44	0
MOBILE DOWNTOWN AIRPORT, AL US	9/19/21	76	9/19/02	76	72	0
ANNISTON METROPOLITAN AIRPORT, AL US	9/19/21	73	9/19/47	73	118	0
GAINESVILLE LOCK, AL US	9/20/21	73	9/20/02	73	63	0
SELMA, AL US	9/20/21	74	9/20/02	74	124	0
MONTGOMERY AIRPORT, AL US	9/20/21	74	9/20/98	74	73	0
TUSCALOOSA AIRPORT ASOS, AL US	9/20/21	74	9/20/02	74	73	0
BANKHEAD LOCK AND DAM, AL US	9/21/21	74	9/21/00	72	64	2
MUSCLE SHOALS AIRPORT, AL US	9/21/21	74	9/21/98	73	80	1
HEFLIN, AL US	9/22/21	70	9/22/98	70	65	0
Lowest Maximum Temperature Daily Record						
GREENSBORO, AL US	9/1/21	77	9/1/15	77	129	0
MOBILE REGIONAL AIRPORT, AL US	9/15/21	76	9/15/20	77	73	-1
BAY MINETTE, AL US	9/16/21	75	9/16/54	75	106	0
ENTERPRISE 4 W, AL US	9/16/21	78	9/16/04	79	55	-1
FAIRHOPE 2 NE, AL US	9/16/21	75	9/16/54	75	103	0
GENEVA NUMBER 2, AL US	9/16/21	76	9/16/20	76	45	0
JACKSON, AL US	9/16/21	75	9/16/11	77	37	-2
MARION JUNCTION 2 NE, AL US	9/16/21	72	9/16/11	72	71	0
SYLACAUGA 4 NE, AL US	9/19/21	76	9/19/84	77	66	-1
BESSEMER 3 WSW, AL US	9/22/21	73	9/22/83	73	44	0

NEW ALABAMA CLIMATE RECORDS

Lowest Minimum Temperature Daily Record						
FORT BENNING LAWSON FIELD, AL US	9/23/21	49	9/23/67	51	72	-2
DOTHAN REGIONAL AIRPORT, AL US	9/24/21	53	9/24/99	53	51	0
Highest Precipitation Daily Record						
GENEVA NUMBER 2, AL US	9/1/21	2.23	9/1/05	1.33	45	0.9
GUNTERSVILLE, AL US	9/1/21	2.02	9/1/01	1.26	116	0.76
HANCEVILLE, AL US	9/1/21	1.11	9/1/01	0.85	35	0.26
ATMORE, AL US	9/2/21	3	9/2/50	1.45	81	1.55
DAUPHIN ISLAND NUMBER 2, AL US	9/15/21	3.62	9/15/09	0.65	45	2.97
MONTGOMERY AIRPORT, AL US	9/15/21	0.91	9/15/52	0.7	73	0.21
DAUPHIN ISLAND NUMBER 2, AL US	9/16/21	2.3	9/16/88	1.98	45	0.32
OPELIKA, AL US	9/16/21	1.02	9/16/89	0.83	64	0.19
DEMOPOLIS LOCK AND DAM, AL US	9/17/21	3	9/17/79	1.65	69	1.35
JACKSON, AL US	9/17/21	0.62	9/17/77	0.42	59	0.2
ATHENS, AL US	9/18/21	4	9/18/94	1.67	80	2.33
CALERA, AL US	9/18/21	3	9/18/66	1.83	120	1.17
GADSDEN, AL US	9/18/21	3.5	9/18/79	2.12	68	1.38
FORT BENNING LAWSON FIELD, AL US	9/18/21	1.23	9/18/68	1.1	72	0.13
MONTGOMERY AIRPORT, AL US	9/18/21	1.9	9/18/09	1.27	73	0.63
ATHENS, AL US	9/19/21	3.73	9/19/09	1.26	80	2.47
CAHABA PUMP HOUSE, AL US	9/19/21	2.7	9/19/06	0.48	39	2.22
GENEVA NUMBER 2, AL US	9/19/21	0.85	9/19/16	0.8	45	0.05
OPELIKA, AL US	9/19/21	2.1	9/19/57	1.09	64	1.01
RUSSELLVILLE NUMBER 2, AL US	9/19/21	2.05	9/19/66	1.61	67	0.44
WETUMPKA, AL US	9/19/21	3.19	9/19/72	2.06	127	1.13
HUNTSVILLE INTNL AIRPORT, AL US	9/19/21	3.31	9/19/91	0.96	62	2.35
BELLE MINA 2 N, AL US	9/20/21	3.12	9/20/69	1.16	71	1.96
CHILDERSBURG WATER PLANT, AL US	9/20/21	1.56	9/20/69	1.16	64	0.4
HANCEVILLE, AL US	9/20/21	3.43	9/20/09	1.75	35	1.68
WALNUT GROVE, AL US	9/22/21	1.67	9/22/69	1	80	0.67
DAUPHIN ISLAND NUMBER 2, AL US	9/29/21	1.98	9/29/11	0.93	45	1.05

CoCoRAHS

		Community Col	laborative Rain, Hail and Sno	w Network (CoCoRAHS)			
September 2021								
							Normal	
	Ave. Total Precip.	# Stations		Ave. Total Precip.	# Stations		Precipitation*	
Autauga	5.96	1	Houston	7.07	2		Abbeville	3.53
Baldwin	8.40	31	Jackson	9.29	4		Alberta	3.47
Barbour	6.25	1	Jefferson	5.76	19		Alex City	4.10
Bibb	n.a.	0	Lamar	5.47	1		Aliceville	3.76
Blount	5.10	5	Lauderdale	6.25	10	,	Andalusia	4.62
Bullock	n.a.	0	Lawrence	6.54	4		Ashland	3.73
Butler	4.29	1	Lee	4.47	5		Athens	4.09
Calhoun	2.25	2	Limestone	7.64	7		Bay Minette	5.82
Chambers	n.a.	0	Lowndes	n.a.	0		Bessemer	3.85
Cherokee	n.a.	0	Macon	n.a.	0		Billingsly	2.22
Chilton	4.65	1	Madison	7.35	25		Centreville WSMO	4.38
Choctaw	4.95	1	Marengo	n.a.	0		Chatom	3.96
Clarke	7.45	3	Marion	2.96	1		Claiborne L&D	3.57
Clay	n.a.	0	Marshall	3.81	11		Clayton	3.50
Cleburne	n.a.	0	Mobile	8.60	21		Dauphin Isl.	5.38
Coffee	n.a.	0	Monroe	6.25	3		Elba	4.12
Colbert	6.05	6	Montgomery	5.83	4		Eufaula WR	3.62
Conecuh	2.97	1	Morgan	8.42	6		Evergreen	4.31
Coosa	11.94	2	Perry	n.a.	0		Fayette	3.36
Covington	3.50	1	Pickens	n.a.	0		Geneva 2	4.25
Crenshaw	n.a.	0	Pike	n.a.	0		Greenville	4.17
Cullman	7.22	3	Randolph	3.63	1		Haleyville	4.33
Dale	0.86	0	Russell	3.34	1		Hamilton 3S	3.88
Dallas	3.68	1	St. Clair	4.23	5		Heflin	3.27
DeKalb	7.19	7	Shelby	5.03	16		Hurtsboro	3.31
Elmore	8.44	6	Sumter	n.a.	0		Jasper	4.26
Escambia	9.25	1	Talladega	5.30	4		Lafayette	3.71
Etowah	5.87	3	Tallapoosa	9.90	1		Livingston	3.24
Fayette	3.85	1	Tuscaloosa	6.89	5		Melvin	4.05
Franklin	n.a.	0	Walker	2.01	2		Milstead	3.64
Geneva	n.a.	0	Washington	6.44	1		Moulton	3.86
Greene	n.a.	0	Wilcox	7.26	2		Oneonta	3.61
Hale	n.a.	0	Winston	6.96	2		Perryville	3.34
Henry	n.a.	0					Plantersville	4.05
							Rock Mills	3.79
							Rockford	3.96
							Sylacauga	3.47
							Union Springs	4.12
							Uniontown	3.52
						,	Vernon	3.46
							Warrior L&D	3.55
						,	Wetumpka	3.37



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