# The Alabama Climate Report Brought to you by the Office of the Alabama Climatologist

Shought to you by the Office of the Alabama Climatologis

#### **NOVEMBER 2022**





# *Volume 14, Number 7 :: NOVEMBER 2022*



As mentioned in October's Alabama climate report, severe weather season never truly ends in Alabama as there is a secondary peak in late fall, i.e. November. This statement proved to be true on the 29th-30th of November with 12 confirmed tornadoes across central and south Alabama. Unfortunately, there were two fatalities and two injuries.

Unseasonably warm weather from the last few days of October persisted through the first third of November, where many stations recorded daily high temperatures in the 80s and even a few in the 90s. The hottest daily extreme of 92°F also occurred during this period on the 7th at the Andalusia-Opp Airport station once again. The second third of November was brutally cold with many stations logging temperatures 20°F and below. The coldest daily extreme of the month was recorded in the Russellville 4 SSE station at 16°F on the 21st. The last third of the month, returned to unseasonably warm weather again with many stations 3 to 8 degrees above normal. Overall, Alabama was 1.8°F warmer than normal.

From a rainfall perspective, the state was 0.67 drier than normal, with a total of 4.52 inches of rainfall. Precipitation varied across the state with some areas wetter than normal and other areas drier than normal. A station in Frisco City recorded the most rainfall of the month at 10.73 inches, most of which occurred on the last day of November. In contrast, a station in Rehobeth recorded the least amount of rainfall of the month at 1.66 inches with no missing observations.

With the conclusion of climatological fall (September, October, November), let's look back at how Alabama fared this fall. Statewide, this fall was the 43rd coldest on record, with an average temperature of 63.5°F, which is 0.5°F colder than normal. Precipitation-wise, this fall was the 56th driest fall on record, with 9.47 inches of precipitation, which is 0.99 inches drier than normal. Looking ahead into winter, the Climate Prediction Center (CPC) forecasts a 40-60% chance for Alabama to see above normal seasonal average temperatures. The precipitation is a bit varied with forecasts for equal chances in the northern half of Alabama, and 33%-50% chance below normal in the southern half of Alabama. The following tables provide the normals for Alabama and the four major metropolitan areas relative to the 1991-2020 reference period for each winter month.

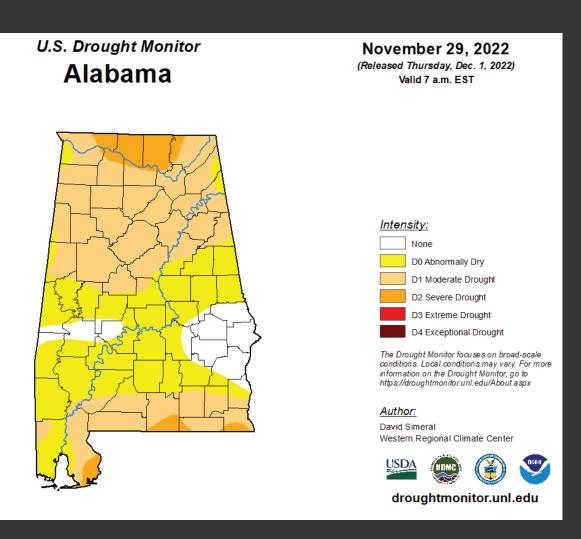
Monthly summaries are provided by Drs. Rob Junod and John Christy.

|            |                 |                    | <u>_</u>          |                       |  |  |  |  |  |
|------------|-----------------|--------------------|-------------------|-----------------------|--|--|--|--|--|
| December   |                 |                    |                   |                       |  |  |  |  |  |
|            | Mean            | Average Daily High | Average Daily Low | Total                 |  |  |  |  |  |
|            | Temperature(°F) | Temperature(°F)    | Temperature(°F)   | Precipitation(inches) |  |  |  |  |  |
| Alabama    | 47.7            | 58.4               | 37.0              | 5.46                  |  |  |  |  |  |
| Birmingham | 47.4            | 56.9               | 37.9              | 4.87                  |  |  |  |  |  |
| Huntsville | 45.5            | 55.0               | 35.9              | 5.87                  |  |  |  |  |  |
| Mobile     | 53.3            | 63.5               | 43.0              | 5.45                  |  |  |  |  |  |
| Montgomery | 50.3            | 61.9               | 38.6              | 4.99                  |  |  |  |  |  |

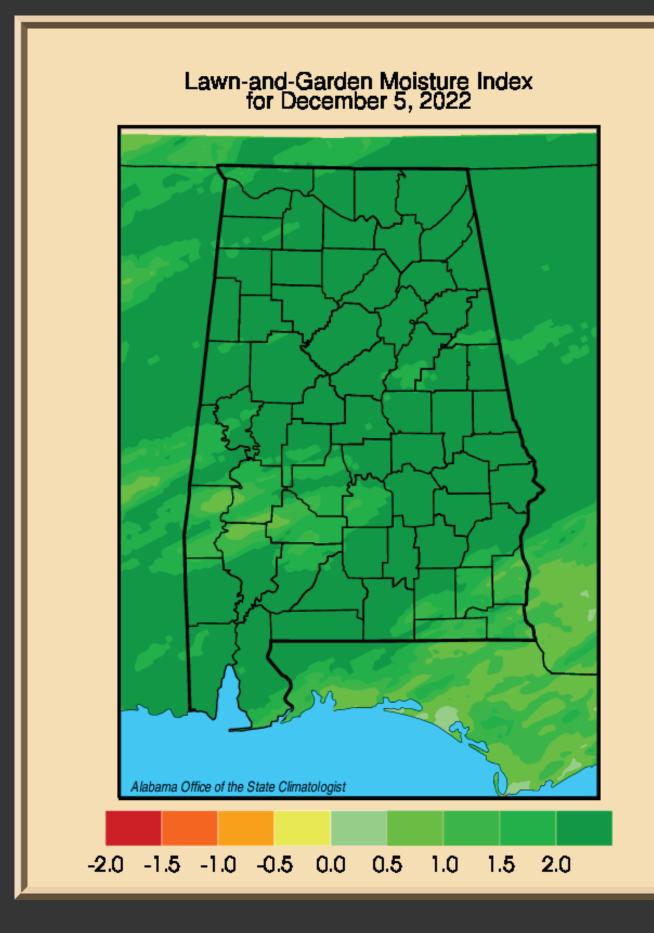
| January    |                 |                         |                 |                       |  |  |  |  |  |
|------------|-----------------|-------------------------|-----------------|-----------------------|--|--|--|--|--|
|            | Mean            | Mean Average Daily High |                 | Total                 |  |  |  |  |  |
|            | Temperature(°F) | Temperature(°F)         | Temperature(°F) | Precipitation(inches) |  |  |  |  |  |
| Alabama    | 45.3            | 56.1                    | 34.5            | 5.29                  |  |  |  |  |  |
| Birmingham | 44.7            | 54.5                    | 34.9            | 5.03                  |  |  |  |  |  |
| Huntsville | 42.7            | 52.3                    | 33.1            | 4.99                  |  |  |  |  |  |
| Mobile     | 51.1            | 61.5                    | 40.7            | 5.66                  |  |  |  |  |  |
| Montgomery | 48.2            | 59.8                    | 36.5            | 4.64                  |  |  |  |  |  |

| February   |                 |                    |                   |                       |  |  |  |  |  |
|------------|-----------------|--------------------|-------------------|-----------------------|--|--|--|--|--|
|            | Mean            | Average Daily High | Average Daily Low | Total                 |  |  |  |  |  |
|            | Temperature(°F) | Temperature(°F)    | Temperature(°F)   | Precipitation(inches) |  |  |  |  |  |
| Alabama    | 49.3            | 60.7               | 37.9              | 5.17                  |  |  |  |  |  |
| Birmingham | 48.8            | 59.1               | 38.4              | 4.95                  |  |  |  |  |  |
| Huntsville | 46.8            | 57.1               | 36.4              | 5.11                  |  |  |  |  |  |
| Mobile     | 55.0            | 65.6               | 44.4              | 4.47                  |  |  |  |  |  |
| Montgomery | 52.6            | 64.7               | 40.4              | 4.88                  |  |  |  |  |  |
|            |                 |                    |                   |                       |  |  |  |  |  |

### DROUGHT MONITOR



### LAWN AND GARDEN



#### ALABAMA MONTHLY CLIMATE SUMMARIES

| Alabama Monthly Climate Summaries |              |                             |                               |                |                                  |                                  |  |  |  |
|-----------------------------------|--------------|-----------------------------|-------------------------------|----------------|----------------------------------|----------------------------------|--|--|--|
|                                   |              |                             | November 2                    | 2022           |                                  |                                  |  |  |  |
|                                   |              |                             |                               |                |                                  |                                  |  |  |  |
|                                   |              |                             |                               |                |                                  |                                  |  |  |  |
|                                   | Nov. Mean    | Nov. High Temp              | Nov. Low Temp                 | Total Precip.  | Wettest Nov.                     | Heaviest Day                     |  |  |  |
|                                   | Nov. Norm    | Record High                 | Record Low                    | Normal Precip. | Driest Nov.                      | Record Day                       |  |  |  |
| Anniston                          | 54.2         | 85 11/8/22                  | 21 11/18/22                   | 2.70"          | 10.32" 1992                      | .90" 11/29/22                    |  |  |  |
|                                   | 53.4<br>57.2 | 88 11/2/74<br>83 11/8/22    | 5 11/25/50<br>28 11/18/22     | 4.20"<br>3.54" | <u>1.03" 1980</u><br>17.77" 1948 | 3.21" 11/28/48<br>.94" 11/25/22  |  |  |  |
| Auburn                            | 53.4         | 90 11/1/35                  | 9 11/25/50                    | 3.47"          | .23" 1924                        | 7.05" 11/27/48                   |  |  |  |
| Pirmingham                        | 55.2         | 85 11/8/22                  | 25 11/21/22                   | 5.61"          | 9.66" 1986                       | 3.90" 11/29/22                   |  |  |  |
| Birmingham                        | 53.1         | 85+ 11/1/00                 | 5 11/25/50                    | 4.63"          | 1.67" 1981                       | 4.41" 11/27/83                   |  |  |  |
| Brewton                           | 57.8         | 85.3 11/8/22                | 26.9 11/18/22                 | 7.35"          | 13.01" 1989                      | 3.15" 1/26/22                    |  |  |  |
|                                   | 56           | 89+ 11/1/61                 | 15 11/28/38                   | 5.16"          | 1.20" 1993                       | 4.52" 11/8/89                    |  |  |  |
| Calera                            | 55.8<br>53   | 86 11/8/22<br>86 11/2/74    | 26 11/18/22<br>12 11/30/59    | 4.41"<br>3.69" | 16.94" 1948<br>0.00" 1924        | 2.16" 11/29/22<br>4.70" 11/12/29 |  |  |  |
|                                   | 54.3         | 84.2 11/8/22                | 23.1 11/21/22                 | 4.37"          | 17.37" 1986                      | 1.83" 11/30/22                   |  |  |  |
| Clanton                           | 53           | 88 11/1/35                  | 8 11/25/50                    | 4.96"          | .80" 1981                        | 5.50" 11/12/29                   |  |  |  |
| Courtland                         | 51.1         | 79.6 11/8/22                | 20.2 11/21/22                 | 4.45"          | М                                | 2.24" 11/29/22                   |  |  |  |
|                                   | М            | М                           | М                             | М              | M                                | М                                |  |  |  |
| Cullman (St. Bernard)             | 59           | 82.2 11/7/22                | 25.3 11/13/22                 | .44"           | M                                | .16" 11/5/22                     |  |  |  |
|                                   | M<br>51.3    | M<br>83 11/8/22             | M<br>19 11/21/22              | M<br>4.56"     | M<br>14.26" 1957                 | M<br>2.88" 11/29/22              |  |  |  |
| Decatur (Pryor Field)             | 51.5         | 86 11/3/35                  | 3 11/25/50                    | 4.56<br>3.69"  | 0.00" 1910                       | 3.97" 11/10/91                   |  |  |  |
| Dothan                            | 61.2         | 88 11/7/22                  | 29 11/18/22                   | 2.58"          | 10.29" 1930                      | 1.00" 11/30/22                   |  |  |  |
| Dotnan                            | 58           | 88 11/5/46                  | 17 11/25/50                   | 3.01"          | .05" 1931                        | 4.50" 11/7/12                    |  |  |  |
| Fairhope                          | 60.2         | 85.7 11/8/22                | 29 11/18/22                   | 6.38"          | 12.03" 1997                      | 2.87" 11/26/22                   |  |  |  |
| •                                 | 59.5         | 91 11/2/71                  | 21 11/25/50                   | 5.19"          | .81 1981                         | 4.88" 11/2/95                    |  |  |  |
| Gadsden                           | 51.1<br>51.8 | 79.8 11/8/22<br>87 11/1/00  | 20.8 11/18/22<br>14+ 11/25/70 | 1.05"<br>4.56" | 8.97" 1982<br>1.30" 1981         | .51" 11/15/22<br>4.31" 11/28/73  |  |  |  |
|                                   | 54.5         | 85.7 11/7/22                | 25.3 11/18/22                 | 4.35"          | 10.24" 1986                      | 1.25" 11/30/22                   |  |  |  |
| Gainesville Lock                  | 53.6         | 87 11/1/61                  | 17+ 11/30/76                  | 4.51"          | .93" 1998                        | 3.58" 11/28/01                   |  |  |  |
| Greensboro                        | 55.5         | 85 11/8/22                  | 24.4 11/18/22                 | 5.33"          | 14.70" 1986                      | 2.40" 11/30/22                   |  |  |  |
|                                   | 55.7         | 98 11/7/40                  | 12 11/25/50                   | 4.47"          | .75" 1981                        | 4.55" 11/12/29                   |  |  |  |
| Guntersville                      | M<br>51.3    | M<br>85 11/12/89            | M<br>7 11/30/79               | M<br>4.45"     | 8.74" 1983<br>1.31" 1971         | M<br>3.62" 11/19/48              |  |  |  |
|                                   | 57.5         | 85 11/6/22                  | 29.1 11/18/22                 | 5.63"          | 11.87" 1997                      | 1.78" 11/25/22                   |  |  |  |
| Highland Home                     | 56           | 88+ 11/1/84                 | 10 11/25/50                   | 4.71"          | .73" 1999                        | 3.2" 11/28/48                    |  |  |  |
| Huntsville                        | 53.2         | 84 11/8/22                  | 22 11/21/22                   | 4.67"          | 11.53" 1977                      | 3.05" 11/29/22                   |  |  |  |
|                                   | 51.2         | 84+ 11/1/00                 | 15+ 11/30/76                  | 5.22"          | 1.82" 1971                       | 3.33" 11/27/73                   |  |  |  |
| Mobile                            | 61.7         | 88 11/8/22                  | 30 11/18/22                   | 6.28"          | 12.70" 1992                      | 2.09" 11/26/22                   |  |  |  |
|                                   | 58.9<br>57.2 | 87+ 11/2/71<br>87 11/6/22   | 22 11/25/50<br>23 11/18/22    | 5.41"<br>4.47" | .85" 1981<br>10.18" 1986         | 7.01" 11/6/75<br>1.36"11/29/22   |  |  |  |
| Montgomery                        | 56.1         | 87+ 11/8/86                 | 13 11/25/50                   | 4.53"          | .51 1981                         | 8.16" 11/26/48                   |  |  |  |
| Muscle Shoals Airport             | 53.3         | 83 11/8/22                  | 20 11/20/22                   | 4.19"          | 11.06" 1986                      | 2.85" 11/29/22                   |  |  |  |
|                                   | 51.5         | 85 11/1/00                  | 2 11/25/50                    | 5.09"          | 1.90" 1971                       | 3.65" 11/30/91                   |  |  |  |
| Russellville                      | 50.5         | 81 11/8/22                  | 16.1 11/20/22                 | 3.21"          | 9.76" 1986                       | 1.41" 11/29/22                   |  |  |  |
|                                   | 50.1         | 85+ 11/2/00<br>81.5 11/8/22 | 10+ 11/25/70<br>17.7 11/21/22 | 5.08"<br>5.19" | .84" 1971                        | 3.80" 11/2/99                    |  |  |  |
| Scottsboro                        | 50.3<br>50.2 | 81.5 11/8/22<br>85+ 11/2/00 | 1 11/25/50                    | 5.19"<br>4.98" | 11.43" 1977<br>1.52" 1971        | 2.23" 11/29/22<br>4.90" 11/17/27 |  |  |  |
| Selma                             | 54.8         | 85.6 11/8/22                | 20.4 11/18/22                 | 3.78"          | 10.44" 1986                      | 1.04" 11/26/22                   |  |  |  |
| Germa                             | 56.2         | 91 11/3/30                  | 13 11/25/50                   | 4.32"          | .53" 1981                        | 3.62" 11/27/48                   |  |  |  |
| Talladega                         | 53.6         | 84.2 11/8/22                | 21 11/21/22                   | 4.85"          | 10.69" 1992                      | 2.31" 11/30/22                   |  |  |  |
|                                   | 51.4         | 86+ 11/2/74<br>83.1 11/7/22 | 5 11/25/50<br>24.4 11/18/22   | 4.59"<br>4.55" | .66" 1981                        | 3.31" 11/2/92                    |  |  |  |
| Thomasville                       | 55.2<br>56.3 | 90 11/4/35                  | 24.4 11/18/22<br>14 11/25/50  | 4.55"<br>5.31" | 11.26" 1986<br>.86" 1981         | 1.08" 11/24/22<br>3.8" 11/6/59   |  |  |  |
| Trov                              | 59.6         | 90 11/6/22                  | 26 11/21/22                   | 6.73"          | 10.53" 1992                      | 2.63" 1/26/22                    |  |  |  |
| Тгоу                              | 56.2         | 89 11/4/35                  | 12 11/25/50                   | 4.44"          | 1.33" 1990                       | 6.12" 11/8/43                    |  |  |  |
| Tuscaloosa                        | 55.3         | 88 11/8/22                  | 25 11/21/22                   | 5.02"          | 10.04" 2000                      | 3.25" 11/29/22                   |  |  |  |
|                                   | 55.3         | 87+ 11/3/00                 | 10 11/25/50                   | 4.84"          | .84" 1985                        | 3.67" 11/11/95                   |  |  |  |
| Valley Head                       | 50.8         | 79.6 11/8/22                | 19.311/18/22                  | 4.69"          | 9.76" 1983                       | 1.59" 11/29/22                   |  |  |  |
|                                   | 48.5         | 84+ 11/3/74                 | -2 11/25/50                   | 5.00"          | 1.19" 1971                       | 4.06" 11/5/77                    |  |  |  |
|                                   |              |                             |                               |                |                                  |                                  |  |  |  |

# NEW ALABAMA CLIMATE RECORDS

| Highest Maximum Temperature Monthly Record   |          |        |            |              |                 |            |  |  |
|--|----------|--------|------------|--------------|-----------------|------------|--|--|
| STATION                                      | DATE     | RECORD | PREV. DATE | PREV. RECORD | NUMBER OF YEARS | DIFFERENCE |  |  |
| DOTHAN REGIONAL AIRPORT, AL US               | 11/6/22  | 88     | 11/4/16    | 88           | 52              | 0          |  |  |
| DOTHAN REGIONAL AIRPORT, AL US               | 11/7/22  | 88     | 11/6/22    | 88           | 52              | 0          |  |  |
| VERNON, AL US                                | 11/8/22  | 89     | 11/1/16    | 88           | 65              | 1          |  |  |
| MOBILE REGIONAL AIRPORT, AL US               | 11/8/22  | 88     | 11/4/16    | 88           | 74              | 0          |  |  |
|  |          |        |            |              |                 |            |  |  |
| Highest Precipitation for One Day Monthly Re | cord     |        |            |              |                 |            |  |  |
| JASPER, AL US                                | 11/30/22 | 4.21   | 11/4/04    | 3.9          | 61              | 0.31       |  |  |
|  |          |        |            |              |                 |            |  |  |
| Highest Maximum Temperature Daily Record     |          |        |            |              |                 |            |  |  |
| MOBILE DOWNTOWN AIRPORT, AL US               | 11/3/22  | 86     | 11/3/16    | 85           | 73              | 1          |  |  |
| MUSCLE SHOALS AIRPORT, AL US                 | 11/4/22  | 80     | 11/4/03    | 80           | 81              | 0          |  |  |
| MOBILE DOWNTOWN AIRPORT, AL US               | 11/6/22  | 84     | 11/6/15    | 83           | 73              | 1          |  |  |
| DOTHAN REGIONAL AIRPORT, AL US               | 11/6/22  | 88     | 11/6/15    | 84           | 52              | 4          |  |  |
| ANNISTON METROPOLITAN AIRPORT, AL US         | 11/6/22  | 81     | 11/6/15    | 81           | 119             | 0          |  |  |
| TUSCALOOSA AIRPORT ASOS, AL US               | 11/6/22  | 83     | 11/6/15    | 83           | 74              | 0          |  |  |
| BANKHEAD LOCK AND DAM, AL US                 | 11/7/22  | 84     | 11/7/20    | 80           | 65              | 4          |  |  |
| BESSEMER 3 WSW, AL US                        | 11/7/22  | 86     | 11/7/05    | 86           | 45              | 0          |  |  |
| BREWTON 3 ENE, AL US                         | 11/7/22  | 85     | 11/7/15    | 85           | 45              | 0          |  |  |
| CLAYTON, AL US                               | 11/7/22  | 85     | 11/7/15    | 85           | 66              | 0          |  |  |
| ENTERPRISE 4 W, AL US                        | 11/7/22  | 88     | 11/7/15    | 84           | 56              | 4          |  |  |
| GENEVA NUMBER 2, AL US                       | 11/7/22  | 84     | 11/7/15    | 84           | 46              | 0          |  |  |
| HALEYVILLE, AL US                            | 11/7/22  | 82     | 11/7/05    | 78           | 119             | 4          |  |  |
| HEFLIN, AL US                                | 11/7/22  | 81     | 11/7/03    | 81           | 66              | 0          |  |  |
| ONEONTA, AL US                               | 11/7/22  | 81     | 11/7/43    | 81           | 127             | 0          |  |  |
| SYLACAUGA 4 NE, AL US                        | 11/7/22  | 83     | 11/7/15    | 81           | 67              | 2          |  |  |
| HUNTSVILLE INTNL AIRPORT, AL US              | 11/7/22  | 82     | 11/7/05    | 81           | 63              | 1          |  |  |
| MOBILE DOWNTOWN AIRPORT, AL US               | 11/7/22  | 84     | 11/7/05    | 83           | 73              | 1          |  |  |
| DOTHAN REGIONAL AIRPORT, AL US               | 11/7/22  | 88     | 11/7/86    | 88           | 52              | 0          |  |  |
| BIRMINGHAM AIRPORT, AL US                    | 11/7/22  | 85     | 11/7/05    | 82           | 92              | 3          |  |  |
| MOBILE REGIONAL AIRPORT, AL US               | 11/7/22  | 86     | 11/7/75    | 84           | 74              | 2          |  |  |
| MONTGOMERY AIRPORT, AL US                    | 11/7/22  | 87     | 11/7/86    | 86           | 74              | 1          |  |  |
| MUSCLE SHOALS AIRPORT, AL US                 | 11/7/22  | 82     | 11/7/05    | 81           | 81              | 1          |  |  |
| TUSCALOOSA AIRPORT ASOS, AL US               | 11/7/22  | 88     | 11/7/05    | 85           | 74              | 3          |  |  |
| BANKHEAD LOCK AND DAM, AL US                 | 11/8/22  | 83     | 11/8/05    | 83           | 65              | 0          |  |  |
| BREWTON 3 ENE, AL US                         | 11/8/22  | 86     | 11/8/86    | 85           | 45              | 1          |  |  |
| DEMOPOLIS LOCK AND DAM, AL US                | 11/8/22  | 83     | 11/8/05    | 83           | 70              | 0          |  |  |
| ENTERPRISE 4 W, AL US                        | 11/8/22  | 88     | 11/8/86    | 86           | 56              | 2          |  |  |
| GAINESVILLE LOCK, AL US                      | 11/8/22  | 85     | 11/8/05    | 85           | 64              | 0          |  |  |
| HALEYVILLE, AL US                            | 11/8/22  | 82     | 11/8/42    | 79           | 119             | 3          |  |  |
| JACKSON, AL US                               | 11/8/22  | 86     | 11/8/05    | 85           | 38              | 1          |  |  |
| MARION JUNCTION 2 NE, AL US                  | 11/8/22  | 84     | 11/8/05    | 83           | 72              | 1          |  |  |
| VERNON, AL US                                | 11/8/22  | 89     | 11/8/00    | 81           | 65              | 8          |  |  |
| HUNTSVILLE INTNL AIRPORT, AL US              | 11/8/22  | 84     | 11/8/05    | 83           | 63              | 1          |  |  |
| MOBILE DOWNTOWN AIRPORT, AL US               | 11/8/22  | 88     | 11/8/20    | 83           | 73              | 5          |  |  |
| DOTHAN REGIONAL AIRPORT, AL US               | 11/8/22  | 86     | 11/8/86    | 85           | 52              | 1          |  |  |
| ANNISTON METROPOLITAN AIRPORT, AL US         | 11/8/22  | 85     | 11/8/05    | 84           | 119             | 1          |  |  |
| BIRMINGHAM AIRPORT, AL US                    | 11/8/22  | 85     | 11/8/05    | 84           | 92              | 1          |  |  |

### NEW ALABAMA CLIMATE RECORDS

| MOBILE REGIONAL AIRPORT, AL US           | 11/8/22  | 88 | 11/8/05  | 83 | 74  | 5  |
|--|----------|----|----------|----|-----|----|
| TUSCALOOSA AIRPORT ASOS, AL US           | 11/8/22  | 88 | 11/8/05  | 86 | 74  | 2  |
| ATMORE, AL US                            | 11/9/22  | 85 | 11/9/42  | 84 | 82  | 1  |
| BAY MINETTE, AL US                       | 11/9/22  | 85 | 11/9/05  | 83 | 107 | 2  |
| BESSEMER 3 WSW, AL US                    | 11/9/22  | 86 | 11/9/05  | 84 | 45  | 2  |
| BREWTON 3 ENE, AL US                     | 11/9/22  | 86 | 11/9/86  | 86 | 45  | 0  |
| DAUPHIN ISLAND NUMBER 2, AL US           | 11/9/22  | 83 | 11/9/00  | 80 | 46  | 3  |
| ENTERPRISE 4 W, AL US                    | 11/9/22  | 87 | 11/9/05  | 84 | 56  | 3  |
| GENEVA NUMBER 2, AL US                   | 11/9/22  | 85 | 11/9/05  | 85 | 46  | 0  |
| GUNTERSVILLE, AL US                      | 11/9/22  | 82 | 11/9/05  | 82 | 112 | 0  |
| HEFLIN, AL US                            | 11/9/22  | 83 | 11/9/05  | 82 | 66  | 1  |
| MARION JUNCTION 2 NE, AL US              | 11/9/22  | 85 | 11/9/05  | 85 | 72  | 0  |
| OPELIKA, AL US                           | 11/9/22  | 84 | 11/9/86  | 83 | 65  | 1  |
| SELMA, AL US                             | 11/9/22  | 87 | 11/9/05  | 85 | 125 | 2  |
| VERNON, AL US                            | 11/9/22  | 86 | 11/9/80  | 81 | 65  | 5  |
| BESSEMER 3 WSW, AL US                    | 11/10/22 | 86 | 11/10/85 | 80 | 45  | 6  |
| BESSEMER 3 WSW, AL US                    | 11/11/22 | 86 | 11/11/85 | 82 | 45  | 4  |
| BESSEMER 3 WSW, AL US                    | 11/12/22 | 86 | 11/12/85 | 84 | 45  | 2  |
| CHILDERSBURG WATER PLANT, AL US          | 11/29/22 | 79 | 11/29/98 | 78 | 65  | 1  |
| MARION JUNCTION 2 NE, AL US              | 11/30/22 | 79 | 11/30/91 | 79 | 72  | 0  |
|  |          |    |          |    |     |    |
| Highest Minimum Temperature Daily Record |          |    |          |    |     |    |
| VERNON, AL US                            | 11/5/22  | 62 | 11/5/15  | 62 | 64  | 0  |
| HALEYVILLE, AL US                        | 11/7/22  | 65 | 11/7/96  | 60 | 119 | 5  |
| HUNTSVILLE INTNL AIRPORT, AL US          | 11/7/22  | 62 | 11/7/00  | 59 | 63  | 3  |
| MUSCLE SHOALS AIRPORT, AL US             | 11/7/22  | 64 | 11/7/45  | 60 | 81  | 4  |
| HAMILTON, AL US                          | 11/8/22  | 60 | 11/8/00  | 59 | 60  | 1  |
| HALEYVILLE, AL US                        | 11/11/22 | 59 | 11/11/20 | 59 | 119 | 0  |
| HUNTSVILLE INTNL AIRPORT, AL US          | 11/11/22 | 58 | 11/11/20 | 58 | 63  | 0  |
| GAINESVILLE LOCK, AL US                  | 11/12/22 | 57 | 11/12/92 | 56 | 64  | 1  |
| CLANTON, AL US                           | 11/30/22 | 61 | 11/30/06 | 60 | 128 | 1  |
|  |          |    |          |    |     |    |
| Lowest Maximum Temperature Daily Record  |          |    |          |    |     |    |
| ATMORE, AL US                            | 11/17/22 | 51 | 11/17/06 | 52 | 82  | -1 |
| BESSEMER 3 WSW, AL US                    | 11/17/22 | 47 | 11/17/05 | 49 | 45  | -2 |
| JACKSON, AL US                           | 11/17/22 | 49 | 11/17/06 | 52 | 38  | -3 |
| BREWTON 3 ENE, AL US                     | 11/18/22 | 52 | 11/18/05 | 53 | 45  | -1 |
| OPELIKA, AL US                           | 11/18/22 | 48 | 11/18/89 | 48 | 65  | 0  |
| GAINESVILLE LOCK, AL US                  | 11/20/22 | 47 | 11/20/69 | 47 | 64  | 0  |
| HAMILTON, AL US                          | 11/20/22 | 45 | 11/20/84 | 45 | 60  | 0  |
| MOBILE DOWNTOWN AIRPORT, AL US           | 11/20/22 | 54 | 11/20/06 | 55 | 73  | -1 |
| DOTHAN REGIONAL AIRPORT, AL US           | 11/20/22 | 48 | 11/20/72 | 49 | 52  | -1 |
| BANKHEAD LOCK AND DAM, AL US             | 11/21/22 | 47 | 11/21/81 | 47 | 65  | 0  |
| BREWTON 3 ENE, AL US                     | 11/21/22 | 49 | 11/21/06 | 52 | 45  | -3 |
| GENEVA NUMBER 2, AL US                   | 11/21/22 | 45 | 11/21/06 | 52 | 46  | -7 |
| JACKSON, AL US                           | 11/21/22 | 51 | 11/21/06 | 52 | 38  | -1 |
| LAFAYETTE 2 W, AL US                     | 11/21/22 | 47 | 11/21/84 | 47 | 77  | 0  |

### NEW ALABAMA CLIMATE RECORDS

| Lowest Minimum Temperature Daily Record |          |              |                      |             |           |      |
|---|----------|--------------|----------------------|-------------|-----------|------|
| MOBILE DOWNTOWN AIRPORT, AL US          | 11/17/22 | 34           | 11/17/97             | 34          | 73        | 0    |
| GENEVA NUMBER 2, AL US                  | 11/18/22 | 24           | 11/18/97             | 26          | 46        | -2   |
| JACKSON, AL US                          | 11/18/22 | 26           | 11/18/05             | 27          | 38        | -1   |
| SYLACAUGA 4 NE, AL US                   | 11/18/22 | 18           | 11/18/05             | 23          | 67        | -5   |
| MOULTON 2, AL US                        | 11/20/22 | 19           | 11/20/17             | 23          | 65        | -4   |
| MUSCLE SHOALS AIRPORT, AL US            | 11/20/22 | 22           | 11/20/51             | 23          | 81        | -1   |
| BELLE MINA 2 N, AL US                   | 11/21/22 | 19           | 11/21/50             | 20          | 72        | -1   |
| MOULTON 2, AL US                        | 11/21/22 | 18           | 11/21/68             | 21          | 65        | -3   |
| SYLACAUGA 4 NE, AL US                   | 11/21/22 | 18           | 11/21/16             | 19          | 67        | -1   |
| HUNTSVILLE INTNL AIRPORT, AL US         | 11/21/22 | 22           | 11/21/64             | 22          | 63        | 0    |
| DOTHAN REGIONAL AIRPORT, AL US          | 11/21/22 | 31           | 11/21/01             | 31          | 52        | 0    |
| MONTGOMERY AIRPORT, AL US               | 11/21/22 | 25           | 11/21/08             | 25          | 74        | 0    |
| MUSCLE SHOALS AIRPORT, AL US            | 11/21/22 | 20           | 11/21/01             | 23          | 81        | -3   |
| SYLACAUGA 4 NE, AL US                   | 11/22/22 | 19           | 11/22/16             | 19          | 67        | 0    |
| STEACHOON THE, AE US                    | 11/22/22 | 15           | 11/22/10             | 15          | 07        | 0    |
| Highest Precipitation Daily Record      |          |              |                      |             |           |      |
| JACKSON, AL US                          | 11/6/22  | 0.76         | 11/6/77              | 0.54        | 60        | 0.22 |
| DAUPHIN ISLAND NUMBER 2, AL US          | 11/15/22 | 0.55         | 11/15/98             | 0.45        | 46        | 0.1  |
| GREENSBORO, AL US                       | 11/26/22 | 1.5          | 11/26/01             | 1.31        | 130       | 0.19 |
| MOBILE DOWNTOWN AIRPORT, AL US          | 11/26/22 | 1.44         | 11/26/13             | 1.18        | 73        | 0.26 |
| ATMORE, AL US                           | 11/27/22 | 1.52         | 11/27/59             | 1.1         | 82        | 0.42 |
| GADSDEN, AL US                          | 11/29/22 | 1.9          | 11/29/58             | 1.38        | 69        | 0.52 |
| HALEYVILLE, AL US                       | 11/29/22 | 2.9          | 11/29/77             | 1.9         | 119       | 1    |
| HUNTSVILLE INTNL AIRPORT, AL US         | 11/29/22 | 2.21         | 11/29/15             | 1.58        | 63        | 0.63 |
| BIRMINGHAM AIRPORT, AL US               | 11/29/22 | 2.41         | 11/29/01             | 1.38        | 92        | 1.13 |
| MUSCLE SHOALS AIRPORT, AL US            | 11/29/22 | 2.61         | 11/29/16             | 1.26        | 81        | 0.85 |
| TUSCALOOSA AIRPORT ASOS, AL US          | 11/29/22 | 1.19         | 11/29/01             | 1.16        | 74        | 0.03 |
| BEVILL LOCK AND DAM, AL US              | 11/30/22 | 2.55         | 11/30/20             | 1.10        | 42        | 0.65 |
| BANKHEAD LOCK AND DAM, AL US            | 11/30/22 | 2.35         | 11/30/20             | 1.5         | 65        | 1.16 |
| BELLE MINA 2 N, AL US                   | 11/30/22 | 3.17         | 11/30/20             | 3           | 72        | 0.17 |
| BESSEMER 3 WSW, AL US                   | 11/30/22 | 1.45         | 11/30/82             | 1.38        | 45        | 0.17 |
| BOAZ, AL US                             | 11/30/22 | 1.45         | 11/30/82             | 2.35        | 84        | 0.65 |
| BREWTON 3 ENE, AL US                    | 11/30/22 | 2.14         |                      | 2.33        | 45        | 0.83 |
| CAHABA PUMP HOUSE, AL US                | 11/30/22 | 4.3          | 11/30/08<br>11/30/20 | 0.75        | 43        | 3.55 |
|   |          | 4.3<br>2.1   |                      | 1.93        | 65        | 0.17 |
| CHILDERSBURG WATER PLANT, AL US         | 11/30/22 | 1.95         | 11/30/10             |             | 127       |      |
| CLANTON, AL US                          | 11/30/22 | 2.31         | 11/30/20             | 1.83<br>2.2 | 127       | 0.12 |
| FAYETTE, AL US                          | 11/30/22 |              | 11/30/16             |             |           |      |
| FORT PAYNE, AL US                       | 11/30/22 | 2.05         | 11/30/10             | 1.29        | 86        | 0.76 |
| GAINESVILLE LOCK, AL US                 | 11/30/22 | 1.93         | 11/30/77             | 1.25        | 74        | 0.68 |
| GREENSBORO, AL US                       | 11/30/22 | 2.37<br>3.67 | 11/30/16             | 1.8<br>2.39 | 130<br>36 | 0.57 |
| HANCEVILLE, AL US                       | 11/30/22 |              | 11/30/16             |             |           |      |
| HEFLIN, AL US                           | 11/30/22 | 2.02         | 11/30/74             | 1.7         | 66        | 0.32 |
| HOLT LOCK AND DAM, AL US                | 11/30/22 | 2.5          | 11/30/01             | 1.15        | 41        | 1.35 |
| JACKSONVILLE, AL US                     | 11/30/22 | 4.8          | 11/30/20             | 0.91        | 74        | 3.89 |
| JASPER, AL US                           | 11/30/22 | 4.21         | 11/30/01             | 1.4         | 61        | 2.81 |
| LAFAYETTE 2 W, AL US                    | 11/30/22 | 2.28         | 11/30/74             | 1.92        | 77        | 0.36 |
| ONEONTA, AL US                          | 11/30/22 | 3.3          | 11/30/16             | 1.62        | 127       | 1.68 |
| OPELIKA, AL US                          | 11/30/22 | 3            | 11/30/85             | 2.95        | 65        | 0.05 |
| SYLACAUGA 4 NE, AL US                   | 11/30/22 | 1.75         | 11/30/86             | 1.41        | 67        | 0.34 |
| TUSCALOOSA OLIVER DAM, AL US            | 11/30/22 | 2.58         | 11/30/78             | 1.09        | 122       | 1.49 |
| VERNON, AL US                           | 11/30/22 | 3            | 11/30/10             | 3           | 84        | 0    |
| WALNUT GROVE, AL US                     | 11/30/22 | 3.06         | 11/30/10             | 1.52        | 81        | 1.54 |
| WARRIOR LOCK AND DAM, AL US             | 11/30/22 | 2.15         | 11/30/86             | 1.82        | 64        | 0.33 |
| WETUMPKA, AL US                         | 11/30/22 | 3.61         | 11/30/20             | 2.01        | 128       | 1.6  |
| TUSCALOOSA AIRPORT ASOS, AL US          | 11/30/22 | 2.06         | 11/30/81             | 1.82        | 74        | 0.24 |

# CoCoRAHS

| Co                 | mmunity               | Collabor  | ative Rain, Hail and Sr | now Netw              | ork (CoC  | oRAHS)                               |              |
|--------------------|-----------------------|-----------|-------------------------|-----------------------|-----------|--------------------------------------|--------------|
|                    |                       |           |                         |                       |           |                                      |              |
|                    | Ave. Total<br>Precip. | #Stations |                         | Ave. Total<br>Precip. | #Stations | Normal<br>November<br>Precipitation* |              |
| Autauga            | 3.12                  | 2         | Houston                 | 3.24                  | 2         | Abbeville                            | 4.61         |
| Baldwin            | 4.86                  | 34        | Jackson                 | 5.35                  | 6         | Alberta                              | 4.93         |
| Barbour            | 6.81                  | 1         | Jefferson               | 5.27                  | 20        | Alex City                            | 4.79         |
| Bibb               | n.a.                  | 0         | Lamar                   | 3.10                  | 1         | Aliceville                           | 4.84         |
| Blount             | 6.36                  | 4         | Lauderdale              | 4.12                  | 9         | Andalusia                            | 4.73         |
| Bullock            | n.a.                  | 0         | Lawrence                | 4.49                  | 3         | Ashland                              | 5.14         |
| Butler             | 5.10                  | 1         | Lee                     | 6.78                  | 5         | Athens                               | 5.06         |
| Calhoun            | 6.91                  | 2         | Limestone               | 4.59                  | 10        | Bay Minette                          | 5.20         |
| Chambers           | n.a.                  | 0         | Lowndes                 | n.a.                  | 0         | Bessemer                             | 5.08         |
| Cherokee           | n.a.                  | 0         | Macon                   | n.a.                  | 0         | Billingsly                           | 5.04         |
| Chilton            | 3.95                  | 1         | Madison                 | 4.85                  | 22        | Centreville WS                       |              |
| Choctaw            | 5.56                  | 1         | Marengo                 | n.a.                  | 0         | Chatom                               | 5.78         |
| Clarke             | 5.22                  | 3         | Marion                  | 5.26                  | 1         | Claiborne L&D                        | 5.05         |
| Clay               | 5.52                  | 1         | Marshall                | 4.11                  | 11        | Clayton                              | 4.03         |
| Cleburne           | n.a.                  | 0         | Mobile                  | 6.45                  | 23        | Dauphin Isl.                         | 4.14         |
| Coffee             | n.a.                  | 0         | Monroe                  | 9.54                  | 3         | Elba                                 | 4.63         |
| Colbert            | 5.20                  | 6         | Montgomery              | 5.56                  | 4         | Eufaula WR                           | 4.10         |
| Conecuh            | n.a.                  | 0         | Morgan                  | 4.15                  | 6         | Evergreen                            | 4.88         |
| Coosa              | n.a.                  | 0         | Perry                   | n.a.                  | 0         | Fayette                              | 4.81         |
| Covington          | 6.83                  | 1         | Pickens                 | n.a.                  | 0         | Geneva 2                             | 5.24         |
| Crenshaw           | n.a.                  | 0         | Pike                    | n.a.                  | 0         | Greenville                           | 5.20         |
| Cullman            | 5.29                  | 3         | Randolph                | 5.07                  | 1         | Haleyville                           | 5.72         |
| Dale               | n.a.                  | 0         | Russell                 | 5.05                  | 2         | Hamilton 3S                          | 5.20         |
| Dallas             | 3.91                  | 1         | St. Clair               | 6.11                  | 6         | Heflin                               | 4.71         |
| DeKalb             | 5.22                  | 7         | Shelby                  | 5.37                  | 15        | Hurtsboro                            | 4.70         |
| Elmore             | 4.97                  | 5         | Sumter                  | n.a.                  | 0         | Jasper                               | 5.68         |
| Escambia           | 5.96                  | 2         | Talladega               | 4.45                  | 2         | Lafayette                            | 4.58         |
| Etowah             | 6.37                  | 2         | Tallapoosa              | 4.49                  | 1         | Livingston                           | 4.83         |
| Fayette            | n.a.                  | 0         | Tuscaloosa              | 4.76                  | 5         | Melvin                               | 4.91         |
| Franklin<br>Geneva | n.a.                  | 0         | Walker                  | 6.47                  | 2         | Milstead                             | 4.91         |
|                    | n.a.                  | 0         | Washington              | 7.23                  | 1         | Moulton                              |              |
| Greene             | n.a.                  | 0         | Wilcox                  | 4.63                  | 2         | Oneonta                              | 4.90         |
| Hale               | n.a.                  | 0         | Winston                 | 3.99                  | 3         | Perryville                           | 4.34         |
| Henry              | n.a.                  | 0         |                         |                       |           | Plantersville                        | 5.00         |
|                    |                       |           |                         |                       |           | Rock Mills<br>Rockford               |              |
|                    |                       |           |                         |                       |           |                                      | 5.05         |
|                    |                       |           |                         |                       |           | Sylacauga<br>Union Springs           | 5.06         |
|                    |                       |           |                         |                       |           | Union Springs                        | 4.90         |
|                    |                       |           |                         |                       |           | Vernon                               | 4.90<br>5.48 |
|                    |                       |           |                         |                       |           | Warrior L&D                          | 4.92         |
|                    |                       |           |                         |                       |           | Wetumpka                             |              |
|                    |                       |           |                         |                       |           | wetumpka                             | 4.20         |

#### Alabama State Climatologist

John R. Christy Alabama State Climatologist The University of Alabama in Huntsville christy@nsstc.uah.edu 256-961-7763

#### Assistant State Climatologist

Robert Junod The University of Alabama in Huntsville rjunod@nsstc.uah.edu 256-961-7743

#### Associate State Climatologist

Lee Ellenburg The University of Alabama in Huntsville wleoooo1@uah.edu 256-961-7498

#### For questions, please contact:

alabama.climate@nsstc.uah.edu http://nsstc.uah.edu/alclimatereport