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

## Volume 7, Number 10, July 2017



Dr. John Christy, Alabama State Climatologist

July wasn't especially remarkable. No station in Alabama reported a daily high temperature record, and only two Greensboro and Lawson Field - set daily record lows.

In our statewide sample, July was a bit cooler than normal and somewhat drier than normal, although that is an average and we know those can be misleading. Scottsboro got 7.88 " of rain, which sets that station's record for July, while three of the 27 stations in our sample got less than 3 " for the month. Valley Head - which isn't all that far from Scottsboro - reported only $2.22^{\prime \prime}$ of rain in July.

This month, however, is the tenth anniversary of the hottest month in the Alabama climate record. The average temperature for August 2007 was an uncomfortable $84.4^{\circ}$ F. That's a full degree warmer than the two months tied for second: August 1954 and September 1930.

But the average temperature doesn't tell the full story of how uncomfortable and hot August 2007 really was. You get that only by looking at the daily high temperatures. And it was baking.

At least 18 stations statewide hit $100^{\circ}$ or hotter for a minimum of 13 days that August. The average high for the Montgomery area and Wetumpka was $99.2^{\circ}$ and $99.0^{\circ}$, respectively. That included 15 days with high temps of $100^{\circ}$ or more.

That wasn't the worst of it. High temps in Hamilton averaged $100.0^{\circ}$ that month, including a high of $109^{\circ}$. Pinson, in Jefferson County, and Belle Mina, in southern Limestone County, each averaged a high of $100.1^{\circ}$ for the month, and each recorded a monthly high of $107^{\circ}$. Twice.

Belle Mina might have gotten the worst of it, with daily highs hitting at least $100^{\circ}$ on 20 days in August, including a stretch of 16 days in a row.

The heat took a toll, with at least 13 deaths in the state blamed on the heat.
When you look at those highs, however, you wouldn't expect to see such a low statewide average, only $84.4^{\circ}$. That was because low temperatures that month weren't that much warmer than seasonal norms.

With daytime highs averaging $100.1^{\circ}$, Pinson's days were $11.4^{\circ}$ hotter than normal that August.

But the average low for the month was $71.4^{\circ}$, which was only $4.3^{\circ}$ warmer than normal.
Poor Belle Mina, which averaged highs $9.3^{\circ}$ warmer than its August norms, was only $0.9^{\circ}$ warmer than normal at night, with an average low that was a pleasant 64.4ㅇ.

Nights in Wetumpka were actually cooler than normal for the month, with an average low of $68.7^{\circ}$ compared to the normal low of $70.4^{\circ}$.

That kind of a temperature swing is most often seen in deserts, where $30^{\circ}$ and $40^{\circ}$ daily temperature swings aren't uncommon. No one is going to mistake Alabama for a desert, but the air that month was dry enough to let the nights cool.

Water vapor is the 800-pound gorilla of greenhouse gases, and water vapor is something Alabama usually has in abundance. That normally keeps our nighttime temperatures from dropping as much as they do in the desert.

But August 2007 was the 15th driest August in the state's climate record. It was part of a severe drought that started earlier in the year and continued into 2008. The dry air allowed a somewhat larger than normal swing in temps, and kept temperatures from being more miserable than they already were.

There's nothing to indicate we're going to see anything like that this August, but it's still a good idea to be prepared.

- John Christy


## U.S. Drought Monitor Alabama



July 25, 2017
(Released Thursday, Jul. 27, 2017)
Valid 8 a.m. EDT

|  | Drought Conditions (Percent Area) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | None | D0-D4 | D1-D4 | D2.04 | D3-04 | D4 |
| Current | 90.96 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| Last Week ans 5 .ant | 99.56 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 Months Ago <br>  | 13.28 | 86.72 | 38.65 | 2.67 | 0.00 | 0.00 |
| $\begin{gathered} \text { Start of } \\ \text { Calendar Year } \\ \text { ot- }-49.017 \end{gathered}$ | 22.87 | 77.03 | 68.12 | 48.58 | 23.32 | 0.00 |
| Start of Water Year 0627:9014 | 17.15 | 82, 85 | 47.12 | 17.64 | 6.36 | 0.00 |
| One Year Ago areanss | 38.09 | 61.81 | 40.31 | 11.95 | 278 | 0.00 |

Intensily:
D0Abnormally Dry $\square$ D3 Extreme Drought
D1 Moderate Drought $\quad$ D4 Exceptional Drought
D2 Severe Drought

The Drought Mondor focuses on broad-scale eonditions. Local condioions may vary. See acsompunying teif summary for forecast statements.

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http://droughtmonitor.unl.edu/

## Lawn-and-Garden Moisture Index for August 1, 2017



Alabama Monthly Climate Summaries
July 2017

|  | Station <br> Began | July Mean July Norm | July Hi Temp Record Hi |  | July Low Temp Record Low |  | Total Precip. Normal Prec. | Wettest July Driest July |  | Heaviest Day Record Day |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Anniston | $2 / 1903$ | $\begin{aligned} & 80.6^{\circ} \\ & 80.1^{\circ} \end{aligned}$ | $\begin{array}{r} 96^{\circ} \\ 105^{\circ} \end{array}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 13 / 80 \end{aligned}$ | $\begin{aligned} & 66^{\circ} \\ & 50^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 31 / 17 \\ & 7 / 15 / 67 \end{aligned}$ | $\begin{aligned} & 4.94^{-} \\ & 4.49^{\circ} \end{aligned}$ | $\begin{array}{r} 12.21^{\circ} \\ 0.79^{\circ} \end{array}$ | $\begin{aligned} & 1975 \\ & 1983 \end{aligned}$ | $\begin{aligned} & 1.09^{-} \\ & 5.13^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 25 / 17 \\ 7 / 7 / 75 \end{array}$ |
| Auburn | 1/1893 | $\begin{aligned} & 80.8^{\circ} \\ & 79.9^{\circ} \end{aligned}$ | $\begin{array}{r} 94^{\circ} \\ 108^{\circ} \end{array}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 11 / 30 \end{aligned}$ | $\begin{aligned} & 66^{\circ} \\ & 52^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 31 / 17 \\ & 7 / 15 / 67 \end{aligned}$ | $\begin{aligned} & 4.99^{\circ} \\ & 5.37^{\prime} \end{aligned}$ | $\begin{array}{r} 15.73^{\circ} \\ 1.39^{\prime} \end{array}$ | $\begin{aligned} & 1916 \\ & 1914 \end{aligned}$ | $\begin{aligned} & 2.00^{\circ} \\ & 7.00^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 25 / 17 \\ & 7 / 10 / 48 \end{aligned}$ |
| Birmingham | 1/1930 | $\begin{aligned} & 81.8^{\circ} \\ & 80.2^{\circ} \end{aligned}$ | $\begin{array}{r} 96^{\circ} \\ 107^{\circ} \end{array}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 29 / 30 \end{aligned}$ | $\begin{aligned} & 66^{\circ} \\ & 51^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 30 / 17 \\ & 7 / 15 / 67 \end{aligned}$ | $\begin{aligned} & 9.49^{\circ} \\ & 5.09^{\circ} \end{aligned}$ | $\begin{array}{r} 10.07 \\ 0.30^{\circ} \end{array}$ | $\begin{aligned} & 1985 \\ & 1983 \end{aligned}$ | $\begin{aligned} & 3.64^{-} \\ & 5.47^{-} \end{aligned}$ | $\begin{aligned} & 7 / 24 / 17 \\ & 7 / 27 / 85 \end{aligned}$ |
| Brewton | 4/1977 | $\begin{aligned} & 78.6^{\circ} \\ & 80.1^{\circ} \end{aligned}$ | $\begin{gathered} 92.9^{\circ} \\ 106^{\circ} \end{gathered}$ | $\begin{aligned} & 7 / 27 / 17 \\ & 7 / 24 / 52 \end{aligned}$ | $\begin{aligned} & 66.5^{\circ} \\ & 51^{\circ} \end{aligned}$ | 7/31/17 <br> 7/15/67 | $\begin{aligned} & 3.23^{-} \\ & 7.04^{-} \end{aligned}$ | $\begin{array}{r} 19.08^{-} \\ 1.66^{-} \end{array}$ | $\begin{aligned} & 1975 \\ & 2000 \end{aligned}$ | $\begin{aligned} & 1.04^{-} \\ & 7.88^{-} \end{aligned}$ | $\begin{aligned} & 7 / 25 / 17 \\ & 7 / 31 / 75 \end{aligned}$ |
| Calera | 9/1900 | $\begin{aligned} & 81.9^{\circ} \\ & 79.3^{\circ} \end{aligned}$ | $\begin{array}{r} 95^{\circ} \\ 105^{\circ} \end{array}$ | $\begin{array}{r} 7 / 21 / 17 \\ 7 / 7 / 77 \end{array}$ | $\begin{aligned} & 69^{\circ} \\ & 50^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 30 / 17 \\ & 7 / 15 / 67 \end{aligned}$ | $\begin{aligned} & 2.57^{\circ} \\ & 5.36^{\circ} \end{aligned}$ | $\begin{array}{r} 18.52^{\circ} \\ 0.42^{\circ} \end{array}$ | $\begin{aligned} & 1916 \\ & 1983 \end{aligned}$ | $\begin{aligned} & 1.42^{\circ} \\ & 7.00^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 16 / 17 \\ 7 / 7 / 1916 \end{array}$ |
| Clanton | 2/1893 | $\begin{aligned} & 78.6^{\circ} \\ & 79.2^{\circ} \end{aligned}$ | $\begin{gathered} 92.9^{\circ} \\ 108^{\circ}+ \end{gathered}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 26 / 52 \end{aligned}$ | $\begin{aligned} & 62.7^{\circ} \\ & 53^{\circ} \end{aligned}$ | 7/31/17 <br> 7/15/67 | $\begin{aligned} & 3.13^{\circ} \\ & 5.76^{\circ} \end{aligned}$ | $\begin{array}{r} 13.97^{\circ} \\ 1.29^{\circ} \end{array}$ | $\begin{aligned} & 1971 \\ & 1995 \end{aligned}$ | $\begin{aligned} & 1.04^{-} \\ & 7.14^{-} \end{aligned}$ | $\begin{array}{r} 7 / 17 / 17 \\ 7 / 4 / 40 \end{array}$ |
| Courtland |  | $\begin{gathered} 79.5^{\circ} \\ \mathrm{M} \end{gathered}$ | $94.5^{\circ}$ | $\begin{aligned} & 7 / 26 / 17 \\ & \mathrm{M}^{2} \end{aligned}$ | $63^{\circ}$ | $\mathrm{M}^{7 / 31 / 17}$ | $\begin{gathered} 5.75^{\circ} \\ \mathrm{M} \end{gathered}$ | $\begin{aligned} & \mathrm{M} \\ & \mathrm{M} \end{aligned}$ |  | $\mathrm{M}^{1.76^{\circ}}$ | 7/6/17 |
| Cullman | 7/1907 | $\begin{gathered} 77.2^{\circ} \\ \mathrm{M} \end{gathered}$ | $92.9^{\circ}$ | $7 / 21 / 17$ M | $60.9^{\circ}$ | $\mathrm{M}^{7 / 10 / 17}$ | $\begin{aligned} & 4.36^{\circ} \\ & 4.44^{\circ} \end{aligned}$ | M |  | $\mathrm{M}^{1.29^{\prime}}$ | 7/15/17 |
| Decatur | $2 / 1880$ | $\begin{aligned} & 80.2^{\circ} \\ & 80.5^{\circ} \end{aligned}$ | $\begin{gathered} 95^{\circ} \\ 107^{\circ} 7! \end{gathered}$ | $\begin{array}{r} 7 / 22 / 17 \\ / / 12 / 1901 \end{array}$ | $\begin{aligned} & 62^{\circ} \\ & 38^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 10 / 17 \\ 7 / 8 / 34 \end{array}$ | $\begin{aligned} & 5.66^{\circ} \\ & 4.22^{\circ} \end{aligned}$ | $\begin{array}{r} 10.89^{\circ} \\ 0.67 \end{array}$ | $\begin{aligned} & 1958 \\ & 1962 \end{aligned}$ | $\begin{aligned} & 2.76^{\circ} \\ & 4.65^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 28 / 17 \\ & 7 / 16 / 50 \end{aligned}$ |
| Dothan | $2 / 1902$ | $\begin{aligned} & 82.4^{\circ} \\ & 81.3^{\circ} \end{aligned}$ | $\begin{array}{r} 96^{\circ} \\ 103^{\circ} \end{array}$ | $\begin{aligned} & 7 / 20 / 17 \\ & 7 / 24 / 52 \end{aligned}$ | $\begin{aligned} & 67^{\circ} \\ & 57^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 31 / 17 \\ 7 / 5 / 1902 \end{array}$ | $\begin{aligned} & 3.55^{\circ} \\ & 5.86^{\circ} \end{aligned}$ | $\begin{array}{r} 12.73^{\circ} \\ 2.12^{-} \end{array}$ | $\begin{aligned} & 1948 \\ & 1903 \end{aligned}$ | $\begin{aligned} & 1.04^{-} \\ & 6.73^{-} \end{aligned}$ | $\begin{aligned} & 7 / 8 / 17 \\ & 7 / 9 / 48 \end{aligned}$ |
| Fairhope | 8/1917 | $\begin{aligned} & 80.2^{\circ} \\ & 81.5^{\circ} \end{aligned}$ | $\begin{gathered} 93.6^{\circ} \\ 101^{\circ} \end{gathered}$ | $\begin{aligned} & 7 / 20 / 17 \\ & 7 / 16 / 80 \end{aligned}$ | $\begin{aligned} & 66.3^{\circ} \\ & 59^{\circ} \end{aligned}$ | 7/31/17 <br> 7/16167 | $\begin{aligned} & 2.91^{\circ} \\ & 8.00^{\circ} \end{aligned}$ | $\begin{array}{r} 13.41^{\circ} \\ 0.82^{\circ} \end{array}$ | $\begin{aligned} & 1985 \\ & 1983 \end{aligned}$ | $\begin{array}{r} 0.71^{\circ} \\ 14.52^{\circ} \end{array}$ | $\begin{aligned} & 7 / 22 / 17 \\ & 7 / 20 / 97 \end{aligned}$ |
| Gadsden | 7/1893 | $\begin{aligned} & 76.0^{\circ} \\ & 79.8^{\circ} \end{aligned}$ | $\begin{gathered} 90.2^{a} \\ 103^{\circ}+ \end{gathered}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 15 / 66 \end{aligned}$ | $\begin{aligned} & 60.2^{\circ} \\ & 52^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 31 / 17 \\ & 7 / 11 / 63 \end{aligned}$ | $\begin{aligned} & 6.32^{\circ} \\ & 4.47^{\circ} \end{aligned}$ | $\begin{array}{r} 13.41^{\circ} \\ 0.79^{\circ} \end{array}$ | $\begin{aligned} & 1985 \\ & 1980 \end{aligned}$ | $\begin{aligned} & 2.30^{\circ} \\ & 3.36^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 15 / 17 \\ 7 / 9 / 58 \end{array}$ |
| Gainesville Lock | 6/1948 | $\begin{aligned} & 79.8^{\circ} \\ & 80.8^{\circ} \end{aligned}$ | $\begin{array}{r} 93.6^{\circ} \\ 105^{\circ}+ \end{array}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 15 / 80 \end{aligned}$ | $\begin{aligned} & 66.5^{\circ} \\ & 55^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 30 / 17 \\ & 7 / 15 / 67 \end{aligned}$ | $\begin{aligned} & 4.42^{\circ} \\ & 2.81^{\circ} \end{aligned}$ | $\begin{aligned} & 8.11^{\circ} \\ & 0.37^{\circ} \end{aligned}$ | $\begin{aligned} & 1992 \\ & 1990 \end{aligned}$ | $\begin{aligned} & 0.87^{\circ} \\ & 4.12^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 28 / 17 \\ & 8 / 10 / 70 \end{aligned}$ |
| Greensboro | $2 / 1890$ | $\begin{aligned} & 79.2^{\circ} \\ & 81.9^{\circ} \end{aligned}$ | $\begin{array}{r} 92.4^{\circ} \\ 107^{\circ}+ \end{array}$ | $\begin{aligned} & 7 / 14 / 17 \\ & 7 / 16 / 80 \end{aligned}$ | $\begin{aligned} & 65.7^{\circ} \\ & 56^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 30 / 17 \\ & 7 / 23 / 47 \end{aligned}$ | $\begin{aligned} & 4.68^{-} \\ & 5.38^{-} \end{aligned}$ | $\begin{array}{r} 11.03^{\circ} \\ 1.19^{\circ} \end{array}$ | $\begin{aligned} & 1985 \\ & 2000 \end{aligned}$ | $\begin{aligned} & 1.79^{\circ} \\ & 3.90^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 16 / 17 \\ & 7 / 18 / 36 \end{aligned}$ |
| Highland Home | 3/1892 | $\begin{aligned} & 78.1^{\circ} \\ & 79.6^{\circ} \end{aligned}$ | $\begin{gathered} 92.3^{\circ} \\ 105^{\circ} \end{gathered}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 15 / 80 \end{aligned}$ | $\begin{aligned} & 67.1^{\circ} \\ & 54^{\circ} \end{aligned}$ | 7/31/17 <br> 7/15/67 | $\begin{aligned} & 7.34^{-} \\ & 4.83^{-} \end{aligned}$ | $\begin{array}{r} 10.79^{\circ} \\ 1.19^{\circ} \end{array}$ | $\begin{aligned} & 1994 \\ & 1978 \end{aligned}$ | $\begin{aligned} & 2.12^{\circ} \\ & 3.15^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 29 / 17 \\ 7 / 8 / 48 \end{array}$ |
| Huntsville | 1/1959 | $\begin{aligned} & 82.1^{\circ} \\ & 79.5^{\circ} \end{aligned}$ | $\begin{array}{r} 98^{\circ} \\ 104^{\circ} \end{array}$ | 7/19/17 <br> 7/14/66 | $\begin{aligned} & 65^{\circ} \\ & 53^{\circ} \end{aligned}$ | 7/31/17 <br> 7/15/67 | $\begin{aligned} & 6.84^{-} \\ & 4.50^{-} \end{aligned}$ | $\begin{array}{r} 14.81^{\circ} \\ 0.79^{\circ} \end{array}$ | $\begin{aligned} & 1967 \\ & 1983 \end{aligned}$ | $\begin{aligned} & 2.69^{\circ} \\ & 4.81^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 4 / 17 \\ 7 / 5 / 2001 \end{array}$ |

## Alabama Monthly Climate Summaries

July 2017

|  | Station <br> Began | July Mean <br> July Norm | July Hi Temp Record Hi |  | July Low Temp Record Lo |  | Total Precip. Normal Prec. | Wettest July Driest July |  | Heaviest Day Record Day |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mobile | 3/1900 | $\begin{aligned} & 82,2^{\circ} \\ & 81.5^{\circ} \end{aligned}$ | $\begin{array}{r} 96^{\circ} \\ 104^{\circ} \end{array}$ | $\begin{aligned} & 7 / 20 / 17 \\ & 7 / 25 / 52 \end{aligned}$ | $\begin{aligned} & 70^{\circ} \\ & 62^{\circ}+ \end{aligned}$ | 7/31/17 <br> 7/16/67 | $\begin{aligned} & 3.32^{\prime \prime} \\ & 6.54^{\circ} \end{aligned}$ | $\begin{array}{r} 13.14^{\circ} \\ 1.72^{\circ} \end{array}$ | $\begin{aligned} & 1982 \\ & 1983 \end{aligned}$ | $\begin{aligned} & 0.78^{\prime} \\ & 4.21^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 27 / 17 \\ & 7 / 18 / 69 \end{aligned}$ |
| Montgomery | 6/1948 | $\begin{aligned} & 83.8^{\circ} \\ & 81.8^{\circ} \end{aligned}$ | $\begin{gathered} 98^{\circ} \\ 105^{\circ}+ \end{gathered}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 25 / 52 \end{aligned}$ | $\begin{aligned} & 69^{\circ} \\ & 60^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 31 / 17 \\ 7 / 1 / 50 \end{array}$ | $\begin{aligned} & 4.50^{\circ} \\ & 5.31^{\circ} \end{aligned}$ | $\begin{aligned} & 9.99^{\circ} \\ & 1.69^{\circ} \end{aligned}$ | $\begin{aligned} & 1988 \\ & 2000 \end{aligned}$ | $\begin{aligned} & 1.24^{-} \\ & 3.84^{-} \end{aligned}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 14 / 73 \end{aligned}$ |
| Muscle Shoals | 12/1940 | $\begin{aligned} & 82.1^{\circ} \\ & 80.2^{\circ} \end{aligned}$ | $\begin{gathered} 99^{\circ} \\ 106^{\circ}+ \end{gathered}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 6 / 29 / 52 \end{aligned}$ | $\begin{aligned} & 63^{\circ} \\ & 53^{\circ}+ \end{aligned}$ | 7/31/17 <br> 6/7/72 | $\begin{aligned} & 4.56^{-} \\ & 4.52^{\prime \prime} \end{aligned}$ | $\begin{array}{r} 14.40^{\circ} \\ 0.92^{\circ} \end{array}$ | $\begin{aligned} & 1975 \\ & 1977 \end{aligned}$ | $\begin{aligned} & 1.22^{\circ} \\ & 5.60^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 8 / 17 \\ 7 / 28 / 72 \end{array}$ |
| Russellville | 9/1953 | $\begin{aligned} & 77.5^{\circ} \\ & 78.0^{\circ} \end{aligned}$ | $\begin{gathered} 92.3^{\circ} \\ 103^{\circ} \end{gathered}$ | $\begin{aligned} & 7 / 27 / 17 \\ & 7 / 18 / 80 \end{aligned}$ | $\begin{aligned} & 58.9^{\circ} \\ & 45^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 30 / 17 \\ 7 / 8 / 70 \end{array}$ | $\begin{aligned} & 5.86^{-} \\ & 4.65^{-} \end{aligned}$ | $\begin{array}{r} 10.82^{\circ} \\ 1.27^{\circ} \end{array}$ | $\begin{aligned} & 1994 \\ & 1978 \end{aligned}$ | $\begin{aligned} & 2.14^{-} \\ & 3.10^{-} \end{aligned}$ | $\begin{aligned} & 7 / 28 / 17 \\ & 7 / 24 / 63 \end{aligned}$ |
| Scottsboro | 10/1891 | $\begin{aligned} & 77.1^{\circ} \\ & 78.6^{\circ} \end{aligned}$ | $\begin{array}{r} 93.7^{\circ} \\ 109^{\circ} \end{array}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 13 / 30 \end{aligned}$ | $\begin{aligned} & 62.6^{\circ} \\ & 49^{\circ}+ \end{aligned}$ | 7/31/17 <br> 7/10/63 | $\begin{gathered} { }^{\star} 7.88^{\prime \prime} \\ 4.53^{\prime \prime} \end{gathered}$ | $\begin{aligned} & 7.59^{\circ} \\ & 1.32^{\circ} \end{aligned}$ | $\begin{aligned} & 1984 \\ & 1980 \end{aligned}$ | $\begin{aligned} & 2.64^{-} \\ & 3.43^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 4 / 17 \\ 7 / 22 / 41 \end{array}$ |
| Selma | 1/1895 | $\begin{aligned} & 79.5^{\circ} \\ & 81.5^{\circ} \end{aligned}$ | $\begin{array}{r} 93.8^{\circ} \\ 107^{\circ}+ \end{array}$ | $\begin{aligned} & 7 / 20 / 17 \\ & 7 / 14 / 80 \end{aligned}$ | $\begin{aligned} & 65.9^{\circ} \\ & 57^{\circ} \end{aligned}$ | 7/30/17 <br> 7/15/67 | $\begin{aligned} & 5.87^{\circ} \\ & 4.28^{\prime \prime} \end{aligned}$ | $\begin{aligned} & 8.45^{\circ} \\ & 1.11^{\circ} \end{aligned}$ | $\begin{aligned} & 1904 \\ & 2000 \end{aligned}$ | $\begin{aligned} & 1.71^{=} \\ & 3.86^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 1 / 17 \\ & 7 / 7 / 94 \end{aligned}$ |
| Talladega | 2/1888 | $\begin{aligned} & 78.4^{\circ} \\ & 78.2^{\circ} \end{aligned}$ | $\begin{gathered} 93.1^{\circ} \\ 107^{\circ}+ \end{gathered}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 17 / 80 \end{aligned}$ | $\begin{aligned} & 63.7^{\circ} \\ & 51^{\circ}+ \end{aligned}$ | $\begin{array}{r} 7 / 31 / 17 \\ 7 / 6 / 72 \end{array}$ | $\begin{aligned} & 3.34^{-} \\ & 4.75^{-} \end{aligned}$ | $\begin{aligned} & 9.11^{\circ} \\ & 1.40^{\circ} \end{aligned}$ | $\begin{aligned} & 1985 \\ & 1991 \end{aligned}$ | $\begin{aligned} & 0.98^{-1} \\ & 3.05^{-} \end{aligned}$ | $\begin{array}{r} 7 / 25 / 17 \\ 7 / 8 / 58 \end{array}$ |
| Thomasville | $9 / 1891$ | $\begin{aligned} & 78.7^{\circ} \\ & 81.4^{\circ} \end{aligned}$ | $\begin{gathered} 92.2^{\circ} \\ 107^{\circ} \end{gathered}$ | $\begin{aligned} & 7 / 27 / 17 \\ & 7 / 13 / 30 \end{aligned}$ | $\begin{aligned} & 65.7^{\circ} \\ & 56^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 30 / 17 \\ & 7 / 15 / 67 \end{aligned}$ | $\begin{aligned} & 3.46^{\circ} \\ & 6.05^{\prime} \end{aligned}$ | $\begin{array}{r} 15.91^{\circ} \\ 0.69^{\circ} \end{array}$ | $\begin{aligned} & 1988 \\ & 2000 \end{aligned}$ | $\begin{aligned} & 1.81^{\prime} \\ & 5.52^{\prime \prime} \end{aligned}$ | 7/29/17 <br> 7/6/88 |
| Troy | $6 / 1908$ | $\begin{aligned} & 80.6^{\circ} \\ & 80.5^{\circ} \end{aligned}$ | $\begin{array}{r} 95^{\circ} \\ 107^{\circ} \end{array}$ | $\begin{array}{r} 7 / 20 / 17 \\ 7 / 7 / 36 \end{array}$ | $\begin{aligned} & 66^{\circ} \\ & 56^{\circ} \end{aligned}$ | 7/31/17 <br> 7/15/67 | $\begin{aligned} & 4.87^{\circ} \\ & 5.80^{\circ} \end{aligned}$ | $\begin{array}{r} 15.59^{\circ} \\ 1.66^{-} \end{array}$ | $\begin{aligned} & 1994 \\ & 2000 \end{aligned}$ | $\begin{aligned} & 1.77^{\circ} \\ & 4.55^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 29 / 17 \\ 7 / 1 / 64 \end{array}$ |
| Tuscaloosa | $6 / 1948$ | $\begin{aligned} & 82.2^{\circ} \\ & 81.8^{\circ} \end{aligned}$ | $\begin{array}{r} 96^{\circ} \\ 107^{\circ} \end{array}$ | $\begin{aligned} & 7 / 21 / 17 \\ & 7 / 24 / 52 \end{aligned}$ | $\begin{aligned} & 67^{\circ} \\ & 54^{\circ} \end{aligned}$ | $\begin{array}{r} 7 / 30 / 17 \\ 7 / 1 / 50 \end{array}$ | $\begin{aligned} & 3.41^{\prime \prime} \\ & 5.00^{\circ} \end{aligned}$ | $\begin{gathered} 12.27^{\circ} \\ 0.72^{\prime} \end{gathered}$ | $\begin{aligned} & 1997 \\ & 1970 \end{aligned}$ | $\begin{aligned} & 2.45^{\circ} \\ & 4.57^{\circ} \end{aligned}$ | $\begin{aligned} & 7 / 15 / 17 \\ & 7 / 21 / 97 \end{aligned}$ |
| Valley Head | 1/1893 | $\begin{aligned} & 74.8^{\circ} \\ & 76.2^{\circ} \end{aligned}$ | $\begin{array}{r} 90.5^{\circ} \\ 105^{\circ}+ \end{array}$ | 7/21/17 <br> 7/29152 | $\begin{aligned} & 59.3^{\circ} \\ & 45^{\circ} \end{aligned}$ | 7/10/17 <br> 7/15/67 | $\begin{aligned} & 2.22^{\prime \prime} \\ & 5.18^{\prime \prime} \end{aligned}$ | $\begin{array}{r} 11.74^{*} \\ 0.94^{\circ} \end{array}$ | $\begin{aligned} & 1976 \\ & 1887 \end{aligned}$ | $\begin{aligned} & 0.54^{-} \\ & 4.52^{-} \end{aligned}$ | $\begin{array}{r} 7 / 28 / 17 \\ 7 / 5 / 76 \end{array}$ |

Statewide July $2017 \quad 79.79^{\circ} \quad / \quad 99^{\circ}$ M. Shoals $58.9^{\circ}$ Russellville
July Norm $80.14^{\circ} / 109^{\circ}$ Scottsboro $38^{\circ}$ Decatur
4.76* 19.08* Brewton 4.73* Brewton
5.17* $0.30^{*}$ Birmingham $7.82^{*}$ Clanton

M: Data is missing or not available
${ }^{\text {² }}$ New Record \#This data is missing this month due to an instrument malfunction

[^0]Community Collaborative Rain, Hail \& Snow Network (CoCoRAHS)

|  | Total Precip. | * Stations |
| :---: | :---: | :---: |
| Autauga | 5.95 | 2 |
| Baldwin | 6.19 | 27 |
| Barbour | n.a. | 0 |
| Bibb | n.a. | 0 |
| Blount | 7.66 | 7 |
| Bullock | n.a. | 0 |
| Butler | 8.21 | 1 |
| Calhoun | 4.85 | 2 |
| Chambers | n.a. | 0 |
| Cherokee | n.a. | 0 |
| Chilton | 4.24 | 1 |
| Choctaw | 7.25 | 1 |
| Clarke | 7.13 | 1 |
| Clay | n.a. | 0 |
| Clebume | n.a. | 0 |
| Coffee | 5.04 | 1 |
| Colbert | 5.36 | 5 |
| Conecuh | 6.15 | 2 |
| Coosa | 6.81 | 2 |
| Covington | n.a. | 0 |
| Crenshaw | n.a. | 0 |
| Cullman | 4.31 | 5 |
| Dale | 6.84 | 1 |
| Dallas | 795 | 1 |
| DeKalb | 6.51 | 5 |
| Elmore | 5.28 | 5 |
| Escambia | 5.10 | 1 |
| Etowah | n.a. | 0 |
| Fayette | 439 | 3 |
| Franklin | n.a. | 0 |
| Geneva | n.a. | 0 |
| Greene | n.a. | 0 |
| Hale | n.a. | 0 |
| Henry | n.a. | 0 |


| July 2017 |  |  |
| :---: | :---: | :---: |
|  | Total Precip. | 4 Stations |
| Houston | 3.06 | 2 |
| Jackson | 9.65 | 6 |
| Jefferson | 8.50 | 15 |
| Lamar | n.a. | 0 |
| Lauderdale | 5.07 | 10 |
| Lawrence | 3.44 | 2 |
| Lee | 4.30 | 2 |
| Limestone | 6.99 | 7 |
| Lowndes | n.a. | 0 |
| Macon | 1.91 | 1 |
| Madison | 7.46 | 22 |
| Marengo | n.a. | 0 |
| Marion | 2.85 | 1 |
| Marshall | 6.61 | 10 |
| Mobile | 7.30 | 14 |
| Monroe | 5.82 | 2 |
| Montgomery | 5.75 | 4 |
| Morgan | 7.06 | 5 |
| Perry | n.a. | 0 |
| Pickens | 2.66 | 1 |
| Pike | n.a. | 0 |
| Randolph | 6.94 | 2 |
| Russell | 8.40 | 2 |
| St. Clair | 6.01 | 5 |
| Shelby | 6.20 | 16 |
| Sumter | n.a. | 0 |
| Talladega | 4.33 | 4 |
| Tallapoosa | 6.79 | 2 |
| Tuscaloosa | 3.83 | 5 |
| Walker | n.a. | 0 |
| Washington | 8.86 | 1 |
| Wilcox | 6.92 | 2 |
| Winston | 3.46 | 2 |


| NormalJulyPrecipitation* |  |
| :---: | :---: |
|  |  |
|  |  |
| Alberta |  |
| Alex City .............. 5.14" |  |
| Aliceville ................4.55" |  |
| Anda |  |
| A |  |
| Athens ..................4.30" |  |
| Bay Minette ............ 8.0 |  |
| Bessemer ............. 5.25" |  |
| . |  |
| Centreville WSMO . |  |
| Chatom ................. 6.21" |  |
| Claiborne L8D ....... 5.39 ${ }^{\text {n }}$ |  |
| Clayton ................. 5.91" |  |
| Dauphin Isl. ............ 6.43' |  |
| ba ...................... 6.45" |  |
| ufaula |  |
| vergreen ............. 6.41" |  |
| Fayette .................. 4.77" |  |
| ene |  |
| Greenville ............. $5.86{ }^{\prime \prime}$ |  |
| Haleyville .............. 4.94" |  |
| Familton 3S .......... 4.67" |  |
| eflin ...................4.82 ${ }^{\text {n }}$ |  |
| urtsboro .............. 5.23" |  |
| Jasper ................... 5.25" |  |
| Lafayette ................ 5.52" |  |
| Livingston ............. 5.76 |  |
| Melvin ................... 5.94" |  |
| Milstead ................ 5.19 ${ }^{\text {n }}$ |  |
| Moulton ................. 4.47 |  |
| Oneonta .... |  |
| Perryville .............. 5.04 |  |
| Plantersville .......... 5.18" |  |
| Rock Mills ............. 5.12 ${ }^{\text {n }}$ |  |
| Rockford ............... 5.82 ${ }^{\text {n }}$ |  |
| Sylacauga ............. 5.13" |  |
| Union Springs ....... 5.62' |  |
| Uniontown .............. 5.11" |  |
| Vernon .................. 5.29' |  |
| Warrior L\&D ........... 4.12' |  |
| Wetumpka ............ 4.71" |  |
| -Southeart Reglonal CIImate Center www serrc.com |  |

## Normal

 July
## Precipitation*

Abbeville $6.14^{\prime \prime}$
Alberta ....................5.00"
Alex City ................5.14"
Aliceville ................. 4.55"
Andalusia ................6.47"
Ashland ................. 5.64"
Athens .................... 4.30"
Bay Minette ............ 8.08"
Bessemer ..............5.25"
Billingsley ............... 5.33"
Centreville WSMO .5.15"
Chatom ..................6.21"
Claiborne L\&D ....... 5.39"
Clayton ................. 5.91"
Dauphin Isl. ............6.43"
Elba ....................... 6.45"
Eufaula WR ........... 5.14"
Evergreen .............. 6.41"
Fayette ...................4.77"
Geneva 2 ................ 5.94"
Greenville .............. 5.86"
Haleyville ............... 4.94"
Hamilton 3 S ........... 4.67"
Heflin ..................... 4.82"
Hurtsboro ............... 5.23"
Jasper ..................... 5.25"
Lafayette ................ 5.52"
Livingston .............. 5.76
Melvin .................... 5.94"
Milstead ................. 5.19"
Moulton .................. 4.47"
Oneonta ................. 5.66"
Perryville ................ 5.04"
Plantersville ...........5.18"
Rock Mills .............. 5.12"
Rockford ................ 5.82"
Sylacauga .............. 5.13"
Union Springs ........ 5.62"
Uniontown ................5.11"
Vernon ................... 5.29"
Warrior L\&D ............ 4.12"
Wetumpka ............. 4.71"

## New Local Climate Records ${ }^{1}$

July 2017

## Precipitation, Daily

|  | New <br> Record | Previos <br> Yesr | Previos <br> Recond | Peiod of <br> Recond |
| :--- | ---: | :--- | :---: | :---: |
| 01 July 2017 |  |  |  |  |
| BANKHEAD LOCK \& DAM | 1.70 | $1965-07-01$ | 0.67 | 60 |
| JASPER |  |  |  |  |

Minimum Low Temperature, Daily

|  | New Recond | Previous Coldest Dey | Previous Record | Peiod of Recond |
| :---: | :---: | :---: | :---: | :---: |
| 30 July 2017 |  |  |  |  |
| GREENSBORO | . 55 | 2014-07-30 | 57 | 125 |
| 31 July 2017 |  |  |  |  |
| FT BENNING LA | ... 64 | 2013-07-31 | 68 | 68 |

[^1]
# Alabama State Climatologist <br> John R. Christy <br> Alabama State Climatologist The University of Alabama in Huntsville christy@nsstc.uah.edu 256-961-7763 

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UAHuntsville Communications
The University of Alabama in Huntsville gentry@nsstc.uah.edu
256.961.7618


[^0]:    ${ }^{\text {a }}$ This record differs from long-term data in the AOSC climate database:
    httpo//nsstc.uah.edu/aldimate/dimate/daly_climate_and_normals.php

[^1]:    ${ }^{1}$ ncdc.noaa.gov/cdo-web/datatools/records

