



July 2017 Mid-South Climate Summary

OVERVIEW

During July, the Mid-South experienced temperatures near to warmer than normal, continuing with the warm trend witnessed during the first 7 months of 2017. Rainfall totals continued to vary from near to below normal.

TEMPERATURE

Memphis, with a monthly average temperature of 83.1°, was the warmest of the four official sites during July. This was only 0.4° above the monthly normal. For the year to date, Memphis remains 3.2° warmer than normal, which keeps the year in second place, behind 2012, for the warmest year on record for the January to July time period. Memphis also recorded the warmest daily maximum temperature of the official sites, stalling just one degree shy of the 100° mark, with 99°. Tupelo recorded an average monthly temperature of 82.3°, which was only 0.9° above normal. Similar to Memphis, Tupelo remains 3.3° warmer than normal for 2017 to date. With a monthly average temperature of 82.0°, July was warmer than normal for Jonesboro by 1.2°. For the year to date the site remains 3.5° warmer than normal. While it had the coolest monthly average temperature of the four official sites with 80.9°, Jackson had the greatest departure from normal at 1.4° above. The site has the greatest departure for the year to date as well, currently 3.9° warmer than normal. Further, Jackson recorded the coolest temperature of the four official sites during July with 58.0°.

The first half of 2017 has been so warm around the Mid-South all four climate sites landed in the top 10 warmest such periods on record:

January – July Notables:

Memphis- #2 Warmest January - July at 65.7°

Jackson- #2 Warmest January - July at 63.3°

Jonesboro- #7 Warmest January - July at 63.0°

Tupelo- #2 Warmest January - July at 65.3°

July Temperature Data for the Mid-South:

	Memphis	Jackson	Jonesboro	Tupelo
Average Temperature (MONTH)	83.1	80.9	82.0	82.3
Normal Avg. Temp (MONTH)	82.7	79.5	80.8	81.4
Departure from Normal (MONTH)	0.4	1.4	1.2	0.9
Average Temperature (YEAR)	65.7	63.3	63.0	65.3
Normal Avg. Temp (YEAR)	62.5	59.4	59.5	62.0
Departure from Normal (YEAR)	3.2	3.9	3.5	3.3
Maximum Temperature	99.0	98.0	98.0	98.0
Minimum Temperature	67.0	58.0	65.0	64.0

PRECIPITATION

Save for Tupelo, monthly precipitation totals did not vary greatly from climate site to climate site. However, when compared to normal, there was quite a bit of variation on departures. While Memphis received the greatest amount of precipitation with 3.91” total, it was Jonesboro that was closest to normal with its monthly amount of 3.39”. Jonesboro’s departure from normal was only 0.15” below, and for the year the site remains 4.76” above normal. This is the only site with a precipitation total above normal for the year to date among the four official sites. Memphis was the next nearest to normal for the month, with its precipitation departure just 0.68” below the normal. For the year to date, however, Memphis is the site with the greatest departure from normal, currently by 5.13” below. Jackson was drier than normal for the month of July, with a monthly precipitation total of 3.48”, or 1.01” below normal. For 2017 to date Jackson also remains below normal by 4.70”. Tupelo was the driest of the four sites during July, receiving only 1.36” of rain, or 2.54” below the normal. This made for the 7th driest month of July on record for Tupelo. So far for 2017, Tupelo is the site closest to normal at just 1.27” below.

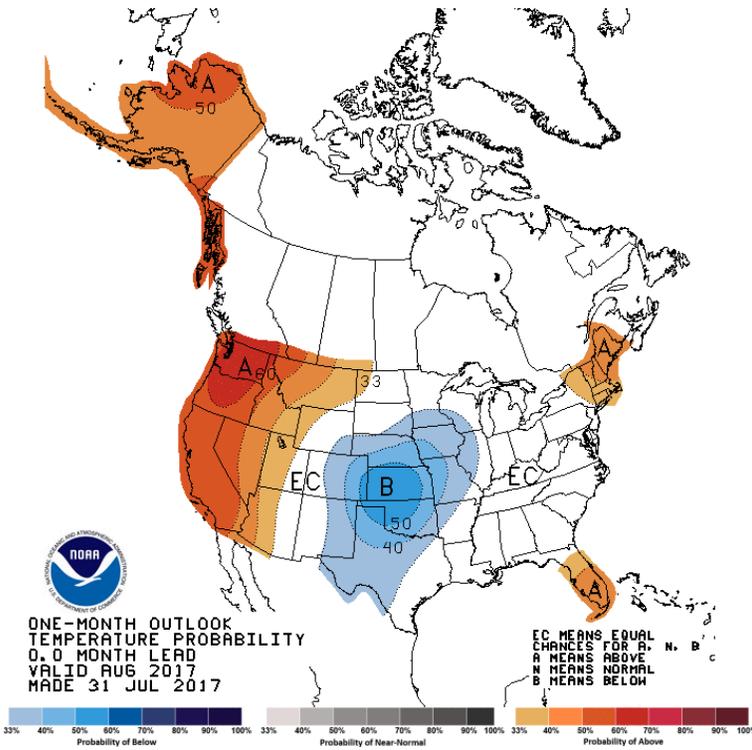
July Precipitation Data for the Mid-South:

	Memphis	Jackson	Jonesboro	Tupelo
Total Precipitation (MONTH)	3.91	3.48	3.39	1.36
Normal Precipitation (MONTH)	4.59	4.49	3.54	3.90
Departure from Normal (MONTH)	-0.68	-1.01	-0.15	-2.54
Percent of Normal	85%	78%	96%	35%
Total Precipitation (YEAR)	27.37	28.17	33.33	31.75
Normal Precipitation (YEAR)	32.50	32.87	28.57	33.02
Departure from Normal (YEAR)	-5.13	-4.70	4.76	-1.27
Percent of Normal (YEAR)	84%	86%	117%	96%

CLIMATE OUTLOOK

TEMPERATURE

July and August are climatologically the two warmest months of the year for the Mid-South. With July now in the record books as being near to warmer than normal for the region, the focus is now on August. Currently the Climate Prediction Center (CPC) has the region in an area of equal chances of above, near, or below normal temperatures for the month of August. *The current one month temperature outlook for the month of August is featured to the left.* However, the latest outlook for the months of August, September, and October collectively highlights the region in an area of enhanced odds of warmer than normal temperatures. *The current three month temperature outlook for the months of August, September, and October collectively is featured below.*



PRECIPITATION

Currently both the one and three month outlooks for precipitation depict equal chances of above, near, or below normal precipitation values. The current one month outlook is valid for the month of August, while the three month outlook encompasses the months of August, September, and October collectively.

-Maye

