# THE MID-SOUTH
# CLIMATE REPORT
## NOV 2018

**NWSMemphis**
**#CLIMATESOCIAL**

# Mid-South Climate Summary : November 2018

*November 2018 was much cooler than normal around the Mid-South, with monthly average temperatures some 4.3° to 5.3° below normal at each of the four climate sites. The month also experienced some early snowfall for much of the region.*

## TEMPERATURE

Memphis had the greatest departure from normal for the month, coming in 5.3° below the monthly normal value. The maximum daily high and low temperatures show quite a spread of temperatures for the site, with the maximum being 71.0° and the minimum being 25.0°. For the year to date Memphis is only 0.2 degrees above normal, depicting an annual temperature record that has been near normal. Jackson recorded its 6th coolest month of November on record, closing the month some 5.1° cooler than normal. The site is right at 1.0° above the normal for 2018 through the end of November. Additionally, it was Jackson that recorded the coolest temperature for the month of the 4 sites, reaching 17.0°. Jonesboro was 4.5° cooler than normal for the month, which also made for the 6th coolest month of November on record for the site, and is at 0.9° above normal for 2018 to date. Tupelo and Jonesboro both reached 72.0° at least once during the month, the warmest temperature recorded among the 4 sites. Tupelo was the warmest site for the month, and also had the least departure from normal- although it was still 4.3° below normal. For the year to date, Tupelo is currently at 1.1° above normal.

|  | Memphis | Jackson | Jonesboro | Tupelo |
|---|---|---|---|---|
| Average Temperature (MONTH) | 47.9 | 45.0 | 45.1 | 48.6 |
| Normal Avg. Temp (MONTH) | 53.2 | 50.1 | 49.6 | 52.9 |
| **Departure from Normal (MONTH)** | **-5.3** | **-5.1** | **-4.5** | **-4.3** |
| Average Temperature (YEAR) | 64.9 | 62.5 | 62.7 | 65.2 |
| Normal Avg. Temp (YEAR) | 64.7 | 61.5 | 61.8 | 64.1 |
| **Departure from Normal (YEAR)** | **0.2** | **1.0** | **0.9** | **1.1** |
|  |  |  |  |  |
| Maximum Temperature | 71.0 | 70.0 | 72.0 | 72.0 |
| Minimum Temperature | 25.0 | 17.0 | 22.0 | 24.0 |

## PRECIPITATION

While monthly temperatures were uniformly cooler than normal among the sites, there was more variation among precipitation amounts. Memphis was the driest, coming up 1.24" of precipitation short of the monthly normal amount, or only 77% of normal. However, for the year to date the site remains 7.61" above normal. Jonesboro had a monthly precipitation total which was 0.52" below normal, and similarly Jackson was 0.10" below normal. However, for the year to date the sites have been extremely wet, currently at 20.73" and 23.87" above normal, respectively. Tupelo received the most precipitation of all the sites for November, coming in with nearly 8.00" recorded, enough to be right at 3.00" above the monthly normal. The site remains wetter than normal for 2018 to date by 17.96".

The region received an early season snowfall during the month. Memphis recorded 0.6" of snowfall on November 14th, which was almost two months earlier than the average first date of 0.6" of snowfall or greater (January 7th). The earliest occurrence of 0.6" or more of snowfall in Memphis was on November 7th back in 1991. Jonesboro recorded 2.1" of snowfall for the month, 1.8" of which fell on November 15th. This was just one day after the earliest instance of 1.8" or more for the site, which was recorded on November 14th in 1976. During this event, Jackson recorded 0.5" of snowfall, while Tupelo recorded a Trace.

|  | Memphis | Jackson | Jonesboro | Tupelo |
|---|---|---|---|---|
| Total Precipitation (MONTH) | 4.25 | 4.80 | 4.38 | 7.70 |
| Normal Precipitation (MONTH) | 5.49 | 4.90 | 4.90 | 4.70 |
| **Departure from Normal (MONTH)** | **-1.24** | **-0.10** | **-0.52** | **3.00** |
| Percent of Normal | 77% | 98% | 89% | 164% |
| Total Precipitation (YEAR) | 55.55 | 71.79 | 64.06 | 66.69 |
| Normal Precipitation (YEAR) | 47.94 | 47.92 | 43.33 | 48.73 |
| **Departure from Normal (YEAR)** | **7.61** | **23.87** | **20.73** | **17.96** |
| Percent of Normal (YEAR) | 116% | 150% | 148% | 137% |
| Total Snowfall (MONTH) | 0.6 | 0.5 | 2.1 | Trace |
| Normal Snowfall (MONTH) | 0.0 | 0.0 | M | 0.0 |
| Departure from Normal (MONTH) | 0.6 | 0.4 | M | 0.0 |
| Greatest Snow Depth (MONTH) | Trace | 1 | 2 | 0 |

# Mid-South Climate Summary : Fall 2018

*November is the final month of meteorological fall. This fall the region experienced near normal temperatures, coupled with mostly above normal precipitation totals.*

## TEMPERATURE

Memphis recorded an average temperature for fall which was 0.5° below the seasonal normal. Jackson was right at normal only a 0.1" departure above normal, and similarly so was Jonesboro at 0.2" above. Tupelo recorded the greatest departure of the sites, finishing the season at 1.2° above normal.

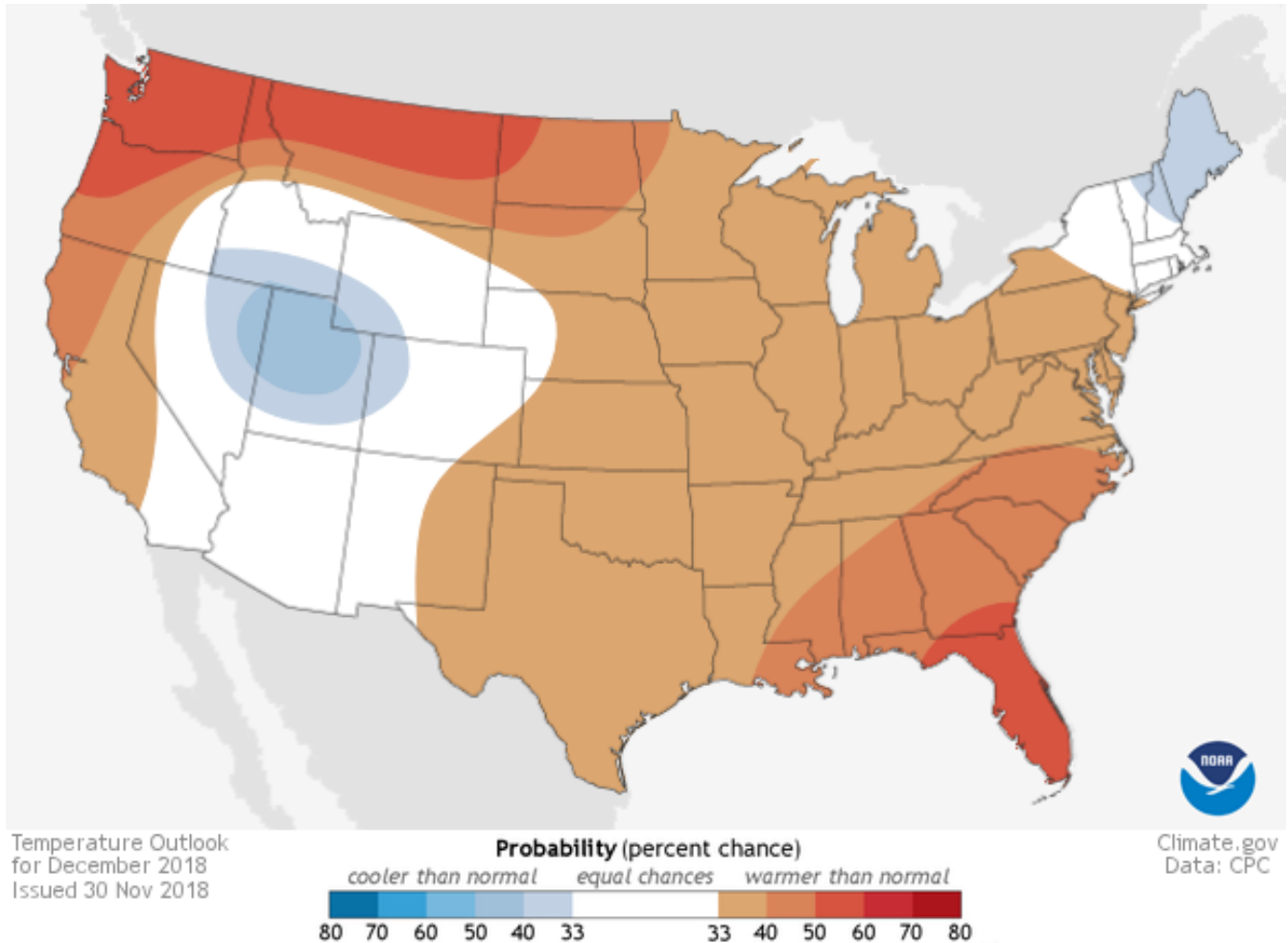|  | Memphis | Jackson | Jonesboro | Tupelo |
|---|---|---|---|---|
| Average Temperature (Fall) | 63.7 | 60.8 | 61.1 | 64.5 |
| Normal Avg. Temp (Fall) | 64.2 | 60.7 | 60.9 | 63.3 |
| **Departure from Normal (Fall)** | **-0.5** | **0.1** | **0.2** | **1.2** |

## PRECIPITATION

The season saw mostly wet conditions around the region, with 3 of the 4 sites experiencing well above normal precipitation. Memphis was the only site with a departure from normal under 4.00". The site recorded just over 13.00" for meteorological fall, just 0.55" above the seasonal normal. Meanwhile, Jackson, Jonesboro, and Tupelo were all wetter than normal by 4.51", 4.32", and 4.29", respectively.

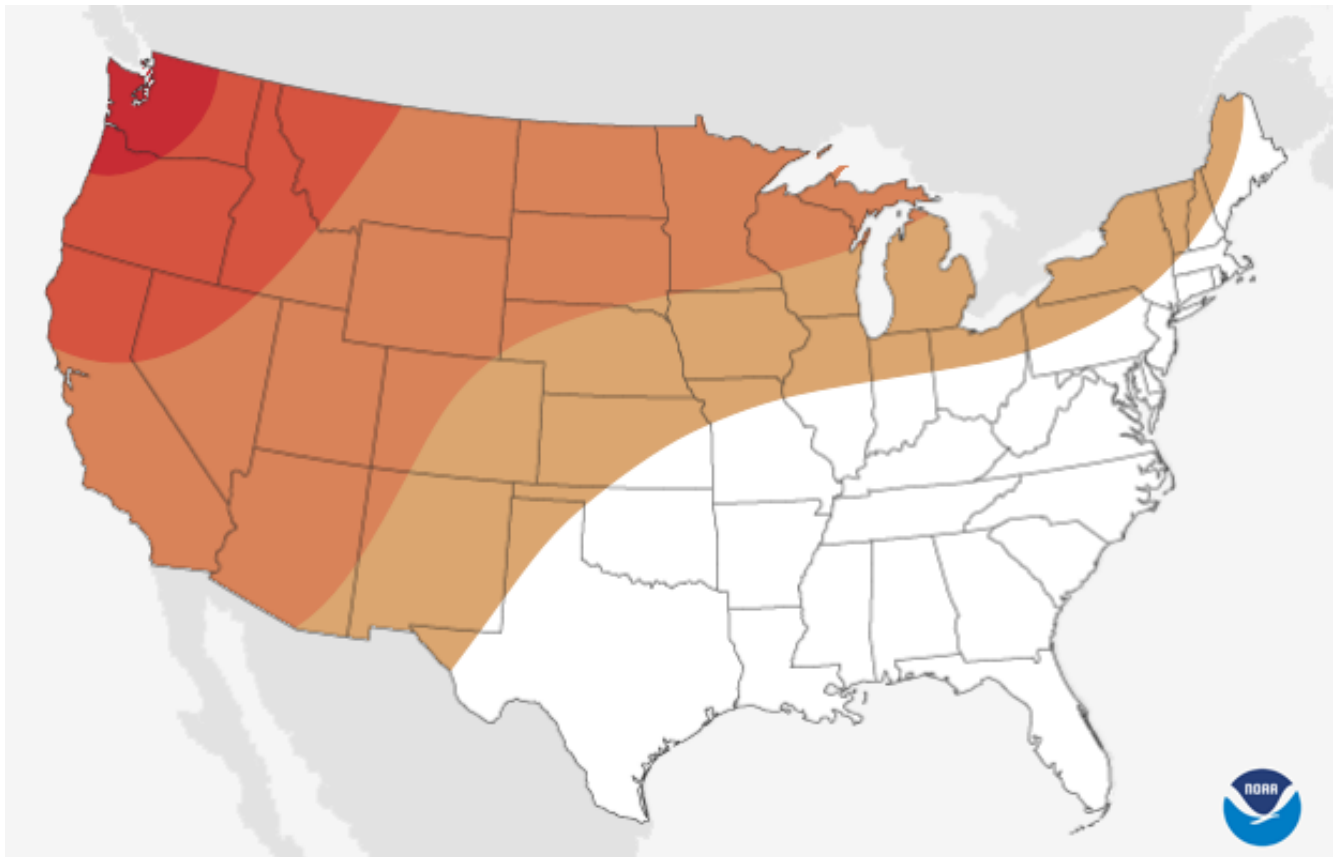|  | Memphis | Jackson | Jonesboro | Tupelo |
|---|---|---|---|---|
| Total Precipitation (Fall) | 13.11 | 16.56 | 16.54 | 16.55 |
| Normal Precipitation (Fall) | 12.56 | 12.05 | 12.22 | 12.26 |
| **Departure from Normal (Fall)** | **0.55** | **4.51** | **4.32** | **4.29** |

# Climate Outlook

The one month outlook for the month of December currently has the Mid-South in an area of enhanced odds of warmer than normal conditions. Likewise, the entire region is highlighted for enhanced odds of wetter than normal conditions for the month. One month temperature outlooks for the month of December:



Temperature Outlook
for December 2018
Issued 30 Nov 2018

**Probability (percent chance)**
cooler than normal    equal chances    warmer than normal

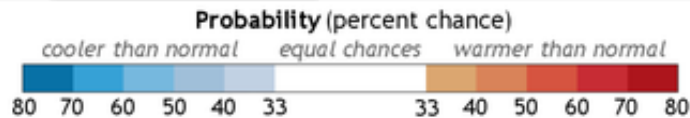80  70  60  50  40  33          33  40  50  60  70  80

Climate.gov
Data: CPC

The latest three month outlook, encompassing the collective months of December, January, and February, currently has the entire region in an area of equal chances of above, near, or below normal temperatures. This means a clear climate signal does not exist to make a more definitive forecast. Similarly, the three month precipitation outlook encompassing the same time period has equal chances for above, near, or below normal precipitation totals. Three month temperature outlook for the collective months of December, January, and February:

Temperature Outlook
for Dec 2018 - Feb 2019
Issued 15 Nov 2018

**Probability (percent chance)**

cooler than normal    equal chances    warmer than normal

80  70  60  50  40  33    33  40  50  60  70  80

Climate.gov
Data: CPC

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