

**The 45 year (1974-2018) historical monthly average rainfall; 32 year (1987-2018) average maximum and minimum air and 4-inch depth soil temperatures; and the 19 year (2000-2018) 2-inch soil temperature at the North Mississippi Research and Extension Center, Verona, MS.**

| Month | Rain (in)   | Air (°F)               |                   | 4 in Soil (°F)         |                   | 2 in Soil (°F)        |                   |
|-------|-------------|------------------------|-------------------|------------------------|-------------------|-----------------------|-------------------|
|       | 1974 – 2018 | April 1987 – Dec. 2018 |                   | April 1987 – Dec. 2018 |                   | Aug. 2000 – Dec. 2018 |                   |
|       |             | Max                    | Min               | Max                    | Min               | Max                   | Min               |
| Jan   | 4.98        | 52.0 <sup>1</sup>      | 31.6 <sup>1</sup> | 46.6 <sup>1</sup>      | 38.9 <sup>1</sup> | 50.8 <sup>3</sup>     | 39.4 <sup>3</sup> |
| Feb   | 4.72        | 56.3 <sup>1</sup>      | 34.3 <sup>1</sup> | 49.7 <sup>1</sup>      | 40.3 <sup>1</sup> | 55.0 <sup>3</sup>     | 41.5 <sup>3</sup> |
| March | 5.65        | 65.2 <sup>1</sup>      | 41.9 <sup>1</sup> | 57.6 <sup>1</sup>      | 46.1 <sup>1</sup> | 65.5 <sup>3</sup>     | 48.3 <sup>3</sup> |
| April | 5.08        | 73.9                   | 49.9              | 67.7 <sup>2</sup>      | 54.9 <sup>2</sup> | 76.1 <sup>3</sup>     | 56.7 <sup>3</sup> |
| May   | 5.68        | 82.0                   | 59.5              | 77.6                   | 64.7              | 85.8 <sup>3</sup>     | 65.7 <sup>3</sup> |
| June  | 4.36        | 88.6                   | 67.0              | 84.4                   | 72.3              | 93.9 <sup>3</sup>     | 74.0 <sup>3</sup> |
| July  | 4.19        | 91.5                   | 70.4              | 89.0                   | 76.5              | 97.5 <sup>3</sup>     | 77.2 <sup>3</sup> |
| Aug   | 3.74        | 91.7                   | 69.6              | 87.6 <sup>2</sup>      | 75.5 <sup>2</sup> | 96.4                  | 77.2              |
| Sept  | 4.31        | 86.5                   | 62.8              | 82.4                   | 70.8              | 89.4                  | 71.4              |
| Oct   | 3.97        | 75.8                   | 49.6              | 71.1                   | 59.7              | 77.2                  | 60.8              |
| Nov   | 4.77        | 64.4                   | 40.5              | 56.4                   | 46.8              | 64.3 <sup>4</sup>     | 49.3 <sup>4</sup> |
| Dec   | 6.15        | 54.5                   | 34.1              | 49.0                   | 40.8              | 54.3 <sup>4</sup>     | 41.9 <sup>4</sup> |
| Total | 57.58       | ----                   | ----              | ----                   | ----              | ----                  | ----              |

Note: The above data were obtained from the average monthly data; and the historical averages above were calculated with the available data for that month and each year, with the following exceptions:

<sup>1</sup>No data available for January – March 1987.

<sup>2</sup>No 4-inch soil max and min temperatures for August 1988 and April 1990.

<sup>3</sup>No data available for January – July 2000.

<sup>4</sup>No 2-inch min soil temperatures available for November and December 2001.

**The 2018 monthly rainfall, maximum and minimum air and soil temperatures at the North Mississippi Research and Extension Center, Verona, MS.**

| Month | Rainfall (in)              | Air (°F) |      | 4 in Soil (°F) |      | 2 in Soil (°F) |      |
|-------|----------------------------|----------|------|----------------|------|----------------|------|
|       | 2018<br>(% N) <sup>1</sup> | 2018     |      | 2018           |      | 2018           |      |
|       |                            | Max      | Min  | Max            | Min  | Max            | Min  |
| Jan   | 2.65 (53)                  | 50.6     | 25.9 | 46.5           | 38.7 | 48.5           | 37.3 |
| Feb   | 10.70 (227)                | 64.7     | 41.2 | 58.4           | 48.4 | 61.4           | 46.9 |
| March | 4.90 (87)                  | 66.0     | 42.2 | 61.5           | 49.9 | 66.6           | 49.0 |
| April | 6.76 (133)                 | 71.7     | 45.1 | 69.1           | 53.2 | 73.4           | 50.8 |
| May   | 2.96 (52)                  | 88.4     | 64.5 | 86.7           | 69.4 | 92.5           | 67.6 |
| June  | 5.63 (129)                 | 92.8     | 70.3 | 85.3           | 76.3 | 92.2           | 76.5 |
| July  | 2.52 (60)                  | 93.9     | 72.7 | 91.9           | 80.2 | 95.5           | 78.8 |
| Aug   | 4.10 (110)                 | 93.1     | 71.4 | 88.8           | 79.7 | 95.5           | 81.3 |
| Sept  | 5.05 (117)                 | 90.5     | 70.2 | 87.2           | 77.1 | 91.2           | 76.1 |
| Oct   | 0.61 (15)                  | 79.0     | 56.2 | 75.8           | 65.4 | 78.9           | 63.2 |
| Nov   | 4.54 (95)                  | 60.2     | 37.6 | 58.2           | 49.3 | 59.7           | 46.5 |
| Dec   | 5.93 (96)                  | 55.9     | 36.4 | 52.9           | 45.5 | 54.4           | 43.4 |
| Total | 56.35 (98)                 | ----     | ---- | ----           | ---- | ----           | ---- |

<sup>1</sup>Percent of normal rainfall (%N) is the monthly rainfall divided by the MAFES Northeast Branch Station Historical (1974-2018) monthly average rainfall multiplied by 100.