

2017 Weather in Review

Station Location: South Fork Nature Center (SFNC), on Greers Ferry Lake, near Clinton, AR
GPS N 35 33.436 W 092 22.820

Weather Highlights

July was the warmest month with air temperature reaching 101.4 F and soil temperature of 80.5 F.

January was the coldest month; 16.3 F for air, but December had the coldest for soil at 39.2 F, two degrees below the January low of 41.1 F. However, January average soil temperatures were slightly below December's.

Total rainfall for the year was 48.33 in. with May having over 10 inches. From March through August, monthly rainfalls were above three inches. September was driest with less than 0.25 in. Likewise, November was the only other month with under one inch of rainfall.

2017 WEATHER SUMMARY

| | Data Days | Average Monthly Temperatures (F) | | | | Highest (MAX) and Lowest (MIN) Temperatures (F) | | | | RAINFALL (in) | |
|------|--------------|-------------------------------------|------|---------------|------|--|-------------|---------------|-------------|---------------|-------|
| | | AIR | | SOIL at 6 in. | | AIR | | SOIL at 6 in. | | TOTAL | |
| | | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | | |
| JAN | 31/31 | 57.8 | 34.6 | 49.6 | 46.3 | 75.4 | 16.3 | 49.0 | 41.1 | 1.72 | 48.33 |
| FEB | 26/28 | 69.5 | 41.3 | 54.2 | 49.7 | 82.9 | 23.7 | 59.8 | 55.6 | 1.63 | |
| MAR | 29/31 | 68.9 | 42.6 | 55.2 | 50.8 | 89.8 | 24.9 | 60.9 | 44.0 | 7.46 | |
| APR | 25/30 | 76.4 | 53.2 | 62.7 | 59.9 | 84.7 | 36.4 | 67.5 | 53.3 | 4.71 | |
| MAY | 15/31 | 84.9 | 59.7 | 67.6 | 64.3 | 88.1 | 50.0 | 69.9 | 61.7 | 10.57 | |
| JUNE | 25/30 | 85.5 | 65.6 | 73.3 | 69.7 | 90.3 | 53.8 | 75.8 | 66.3 | 4.01 | |
| JULY | 27/31 | 92.8 | 70.4 | 78.0 | 74.0 | 101.4 | 60.7 | 80.5 | 76.0 | 4.55 | |
| AUG | 24/31 | 84.9 | 67.4 | 74.8 | 71.9 | 90.3 | 59.8 | 75.9 | 73.5 | 6.23 | |
| SEP | 12/30 | 89.3 | 65.0 | 74.2 | 70.4 | 93.3 | 56.8 | 75.9 | 72.5 | 0.19 | |
| OCT | 31/31 | 79.7 | 50.8 | 68.3 | 64.0 | 93.1 | 25.0 | 75.7 | 52.8 | 1.82 | |
| NOV | 30/30 | 67.9 | 43.0 | 58.3 | 54.2 | 82.6 | 26.9 | 66.2 | 47.0 | 0.90 | |
| DEC | 25/31 | 53.6 | 34.8 | 49.6 | 46.6 | 69.6 | 18.7 | 59.3 | 39.2 | 4.54 | |

The 2017 Weather Summary table are the temperatures and rainfall for the past year. These data were collected from 300 days throughout the year. The number of weather data days for each month is presented. While the average temperatures are affected by extended missing days, such as for May and September, the rainfall is not. Total rainfall is monitored continuously, even if specific rainfall events are missing because only 10 days of rainfall are stored at a time.

Comparison to 2016

2016 was the first year that weather data was collected at SFNC. Comparisons are limited because 2016 had 224 weather data days, 76 fewer days than for 2017. The most reliable data for comparison are the Winter months, January to March and the Summer months of June to August.

The 2016-17 Weather Table most notably reveals 2016 as a drier warmer year than 2017. Winter air and soil temperatures were within 1-4 degrees for both years, but rainfall was nearly two inches higher in 2017. All three 2017 Winter months had more rain than in 2016.

The 2016 Summer months were over 10 degrees warmer in maximum air temperature with all three months having highs above 100 F and two exceeding 110 F, compared to 2017 where only July just topped 100 F. Rainfall for Summer 2017 was nearly four inches more than 2016 with each of the three months exceeding the August 2016 high of 3.87 inches.

2016-17 WEATHER COMPARISON

| WINTER | Data | Average Monthly Temperatures (F) | | | | Highest (MAX) & Lowest (MIN) Temperatures (F) | | | | RAINFALL (in) |
|---------------|-------|----------------------------------|------|--------------|------|---|------|--------------|------|---------------|
| | | AIR | | SOIL at 6in. | | AIR | | SOIL at 6in. | | |
| 2016 | Days | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | |
| JAN | 20/31 | 57.9 | 27.3 | 44.9 | 42.8 | 75.4 | 16.3 | 49.0 | 41.1 | 0.81 |
| FEB | 28/29 | 64.5 | 34.1 | 48.1 | 45.8 | 79.8 | 19.9 | 55.1 | 41.8 | 1.07 |
| MAR | 25/31 | 72.1 | 43.1 | 55.2 | 52.1 | 90.3 | 24.6 | 61.5 | 48.0 | 7.21 |
| 2017 | | | | | | | | | | |
| JAN | 31/31 | 57.8 | 34.6 | 49.6 | 46.3 | 75.4 | 16.3 | 49.0 | 41.1 | 1.72 |
| FEB | 26/28 | 69.5 | 41.3 | 54.2 | 49.7 | 82.9 | 23.7 | 59.8 | 55.6 | 1.63 |
| MAR | 29/31 | 68.9 | 42.6 | 55.2 | 50.8 | 89.8 | 24.9 | 60.9 | 44.0 | 7.46 |
| SUMMER | | | | | | | | | | |
| 2016 | | | | | | | | | | |
| JUNE | 29/30 | 102.1 | 68.2 | 73.8 | 71.5 | 113.1 | 58.3 | 77.0 | 67.8 | 1.57 |
| JULY | 16/31 | 105.0 | 71.9 | 77.4 | 75.2 | 114.2 | 68.4 | 79.6 | 73.3 | 2.55 |
| AUG | 19/31 | 90.6 | 70.5 | 76.1 | 74.4 | 102.6 | 58.5 | 79.2 | 72.2 | 3.87 |
| 2017 | | | | | | | | | | |
| JUNE | 25/30 | 85.5 | 65.6 | 73.3 | 69.7 | 90.3 | 53.8 | 75.8 | 66.3 | 4.01 |
| JULY | 27/31 | 92.8 | 70.4 | 78.0 | 74.0 | 101.4 | 60.7 | 80.5 | 76.0 | 4.55 |
| AUG | 24/31 | 84.9 | 67.4 | 74.8 | 71.9 | 90.3 | 59.8 | 75.9 | 73.5 | 6.23 |