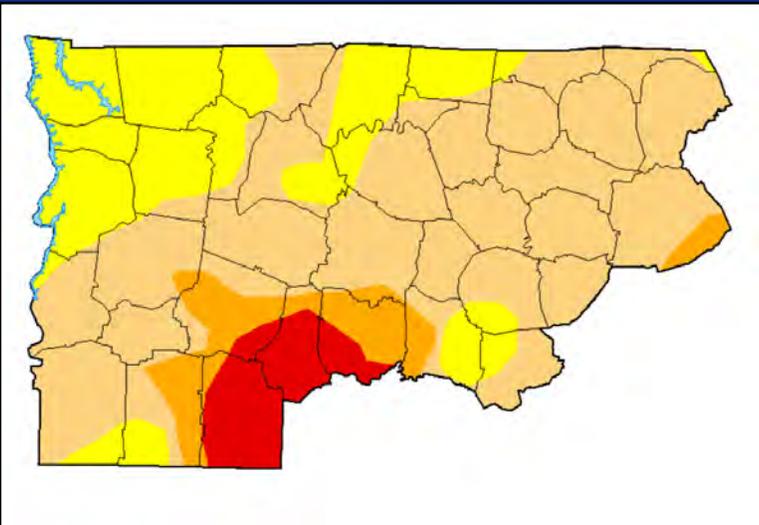




Dry October

In last month's newsletter, we talked about the recent tropical activity. But at that time, the remnants of Helene were the area's last significant rainfall, and most of October proved to be a dry spell. Nashville saw 26 consecutive days without rain that finally came to an end on October 26th with a measly 0.05 inches. This 26 consecutive days is Nashville's 8th longest dry period on record.

Fortunately, much needed rainfall arrived on Halloween, and since then, we've benefited from a much more active weather pattern. While we still have a long way to go to eliminate our drought (extreme drought has expanded across southern Middle TN), each system slowly chips away at our deficit.



Map released: Thurs. November 7, 2024
Data valid: November 5, 2024 at 7 a.m. EST

Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

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Climate Summary for October, 2024

Station (Period of Record)	Temperature			Precipitation			Average Wind (mph)	Highest Temp Lowest Temp Most Rain Peak Gust (Dates of occurrence are in parentheses.)
	Average High (Departure from Normal)	Average Low (Departure from Normal)	90° Days / 32° Days	Monthly Total (Departure from Normal)	Precipitation Days	Thunderstorm Days		
Nashville (1871)	78.5° +5.0°	52.1° +2.2°	1/0	0.49" -2.87"	2	0	5.2	90° (6) 37° (17) 0.44" (31) 33 mph (31)
Clarksville (1890)	77.6° +5.3°	48.8° +1.1°	0/0	0.64" -3.49"	1	0	5.0	89° (6) 34° (17) 0.64" (31) 33 mph (13)
Crossville (1954)	71.7° +4.2°	46.6° +1.4°	0/1	0.48" -2.66"	5	1	3.7	82° (5,6) 29° (17) 0.20" (31) 31 mph (13)

Climate Status

ENSO: La Niña is favored to emerge in September-November (60% chance) and is expected to persist through January-March 2025.

Drought Monitor: All of Middle Tennessee is abnormally dry and most areas south of I-40 are in at least a moderate drought. Some of these locations are even in a severe drought. Drought conditions are likely to persist throughout the next 3 months.

CPC Outlook for November: Above normal temperatures and near normal precipitation are favored across Middle Tennessee.

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When Will It Freeze?

In the middle of October, some areas of Middle TN received freezing temperatures. You would be forgiven if you forgot that happened because since then, it hasn't felt like fall. There are some locations that haven't seen their first freeze of the year yet, including Nashville. At this point, we're well past our average first freeze date.

When is Nashville's latest first freeze on record? That would be November 27th set in 2009. At this time, there is no freeze expected through at least November 20th. So it's possible we get close!

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Happy Thanksgiving!

From everyone at NWS Nashville, we wish you a very happy Thanksgiving! Need something to talk about this year? Here are some Thanksgiving weather records across Middle TN:

	Nashville	Clarksville	Crossville
Warmest High Temperature	76° (1933)	77° (1933)	70° (2007, 1933, 1921)
Coldest High Temperature	32° (1936 & 1903)	29° (1956)	32° (1936)
Warmest Low Temperature	60° (1896)	59° (1896)	55° (1979)
Coldest Low Temperature	16° (2013)	19° (1984, 1912, 1911)	11° (1989)
Most Rainfall	1.19" (1925)	3.83" (1968)	2.02" (1945)
Most Snow	2.0" (1950)	1.5" (1938)	3.0" (1938)

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