

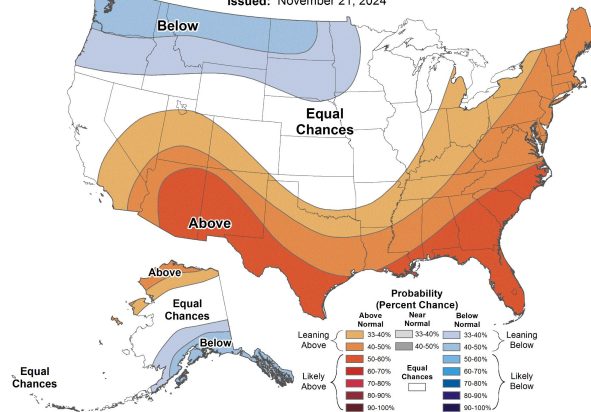
Updated Winter Outlook 2024-25

Key Messages

1. The Climate Prediction Center is predicting that a weak and brief La Niña event remains the most likely outcome, with a 57% chance of development before the end of the year. However, there is still a 43% likelihood of conditions remaining ENSO Neutral.
2. The temperature outlook remains largely unchanged, with **above-average** temperatures slightly favored in the Ohio Valley. Overall, the region will be at the boundary between warmer air to the south and colder air to the north, so periodic episodes of below-average temperatures are possible.
3. The precipitation outlook shows that low probabilities of **above-normal** precipitation were expanded towards northern Kentucky compared to [last month's outlook](#) given the anticipated influence of recurring waves of precipitation.
4. Other shorter-term atmospheric factors could have a significant influence on the overall pattern. Unfortunately, it is very difficult to predict these other patterns on a seasonal timescale.

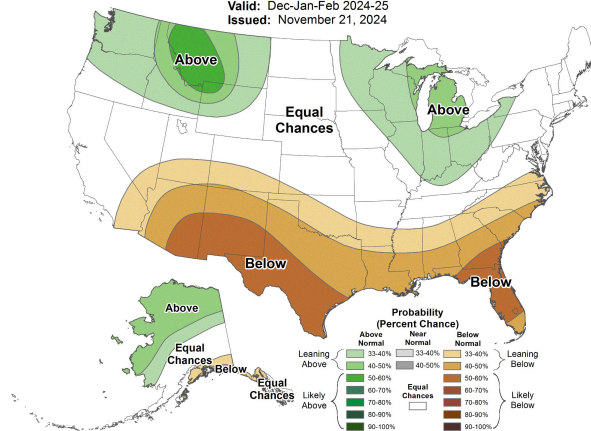
Seasonal Temperature Outlook

Valid: Dec-Jan-Feb 2024-25
Issued: November 21, 2024



Seasonal Precipitation Outlook

Valid: Dec-Jan-Feb 2024-25
Issued: November 21, 2024



Week 2 Outlook: December 1-7

Temperature

Below-normal temperatures are strongly favored for the first week of December as reinforcing cold fronts move across the region. There is a moderate chance (around 50%) of lows, and even highs, falling below the freezing point during the period Dec 1-4.

Precipitation

Stable, dry air behind the fronts will allow the precipitation outlook to lean towards **drier-than-normal** conditions.

Snowfall

The expectation of cold air increases confidence in the possibility that at least some of the precipitation that falls during this time period could be snow. The most recent data suggest there is at least a chance (30-50%) of periods of light snow during the first week of December.

