



# Timeline of Weather Events

January 15, 2024  
1:20 PM

Monday (1/15) through Wednesday (1/17)

## Monday Afternoon - Tuesday AM

Second round of snow, mainly in eastern/SE Kentucky. Occasional snow showers/flurries farther NW. Highs this afternoon 9-15 west of I-75, 15-20 east of I-75. Lows tonight 3-10 west of I-75, 9-15 east of I-75.

## Tuesday - Tuesday Night

Snow tapering off in Eastern KY Tuesday morning. Clearing from NW to SE. Minimum wind chill values Tuesday AM -5 to +5. Overnight lows 0-10.

## Wednesday

Minimum wind chill values Wednesday AM 0 to -10. Afternoon highs in the 20s and lower 30s.

A chance for wintry weather returns Thursday into Friday morning, followed by another cool down for next weekend.





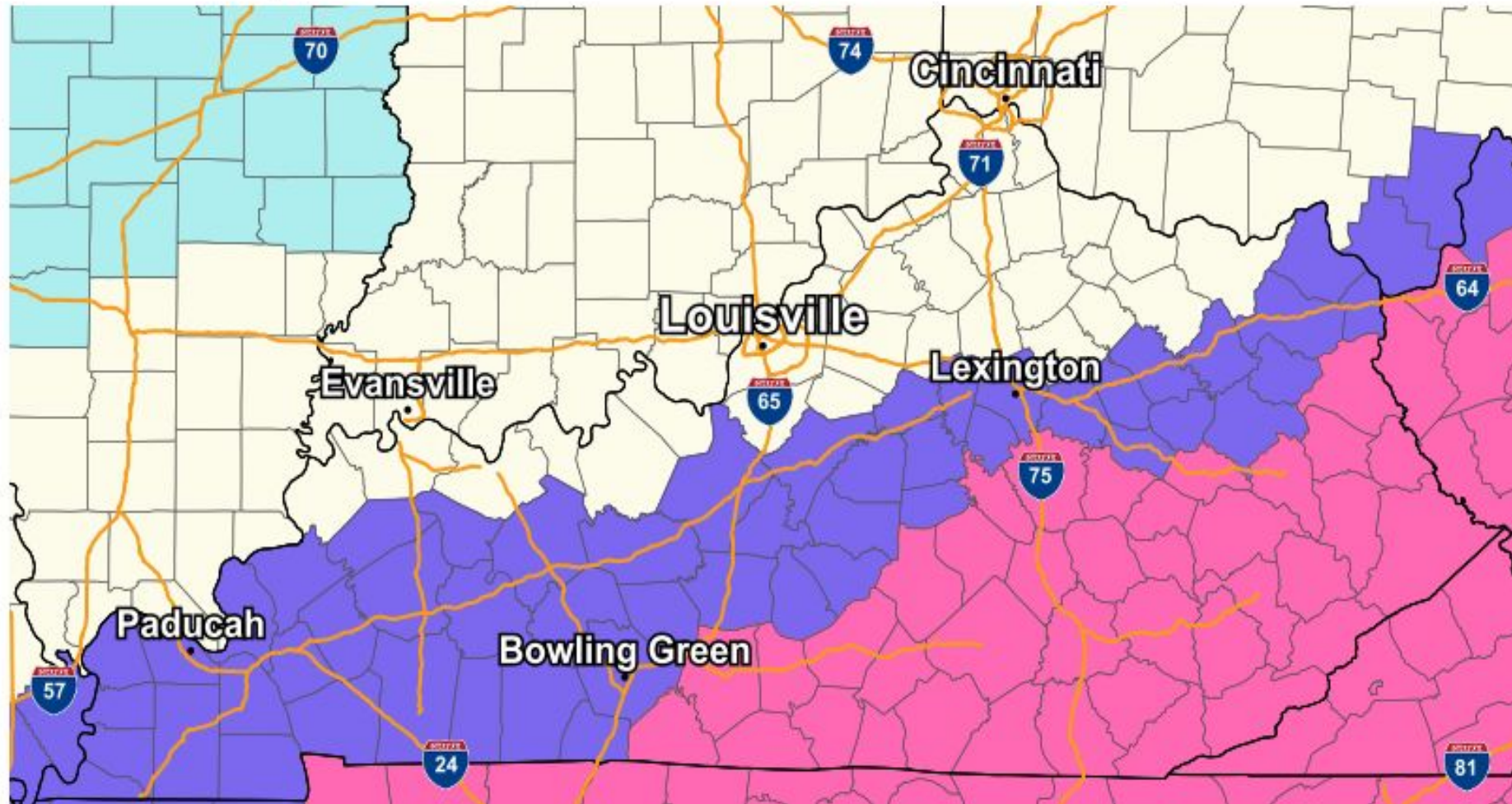
# Winter Weather Headlines

January 15, 2024  
1:20 PM



## Current Watches, Warnings, and Advisories

- Winter Storm Warning
- Winter Weather Advisory
- Wind Chill Advisory



Graphic Created  
January 15th, 2024  
12:42 PM EST

## Details

- Winter Weather Advisory remains in effect along and south of the WK/BG Parkways
- Winter Storm Warning in effect for southeastern KY.
- Warnings and Advisories are in effect until Tuesday morning.





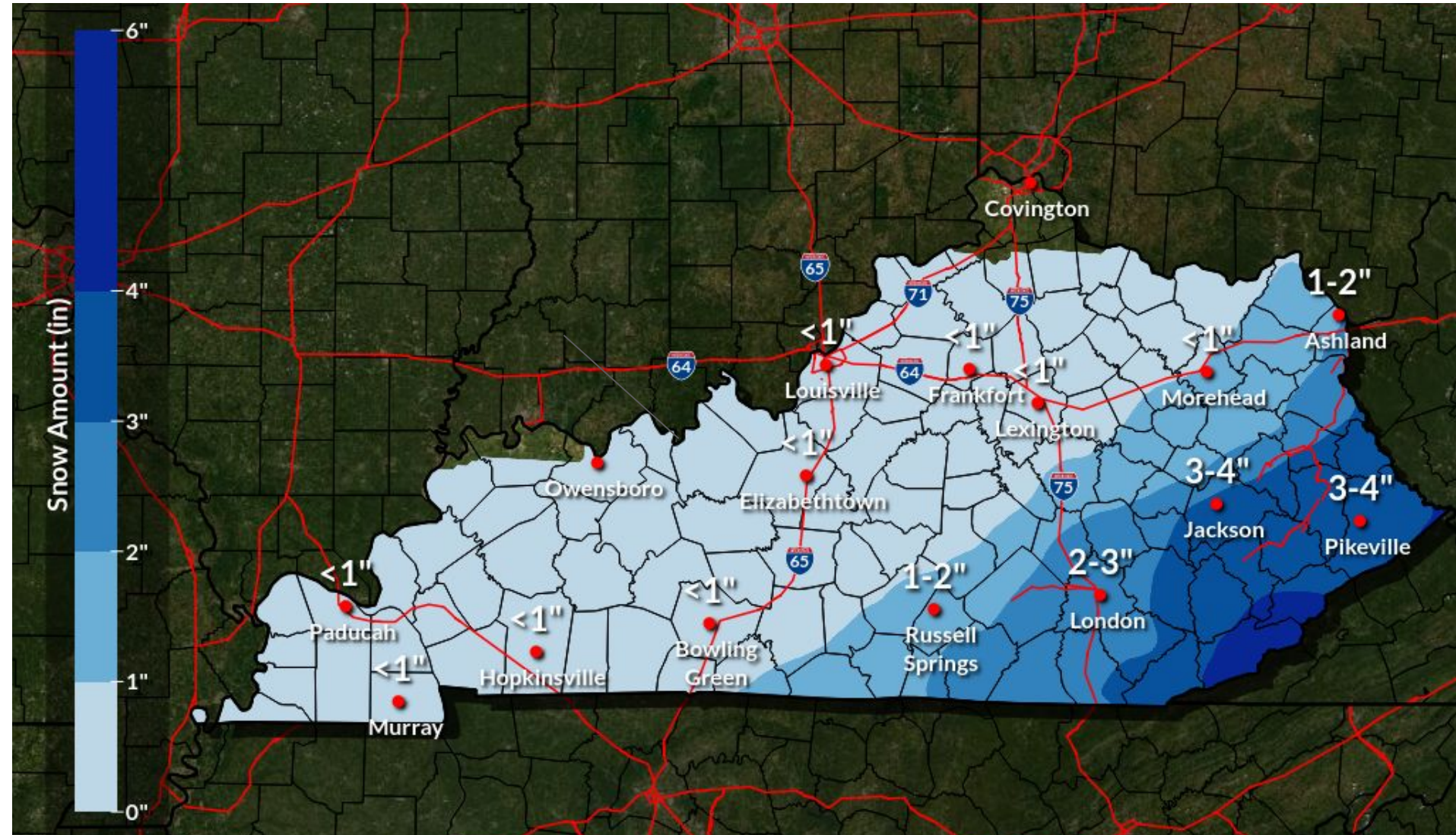
# Snowfall Amounts Through Tuesday

January 15, 2024  
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## Key Messages

- Next round of snow comes this afternoon/evening.
- Heaviest snow totals expected across southern and eastern Kentucky
- Temperatures will remain below freezing through the entirety of the event

## Expected Snowfall Amounts



## Confidence in Snow Potential

Low

**Medium**

High





# Cold Temperatures Continue

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Coldest air of the season persists through Wednesday

## Key Messages

- Low temperatures in the single digits and teens each night through Tuesday night.
- Wind chills near or below zero each night/early morning
- Heavier snow through Monday night could result in colder temperatures
- Above freezing temperatures possibly return Thursday.

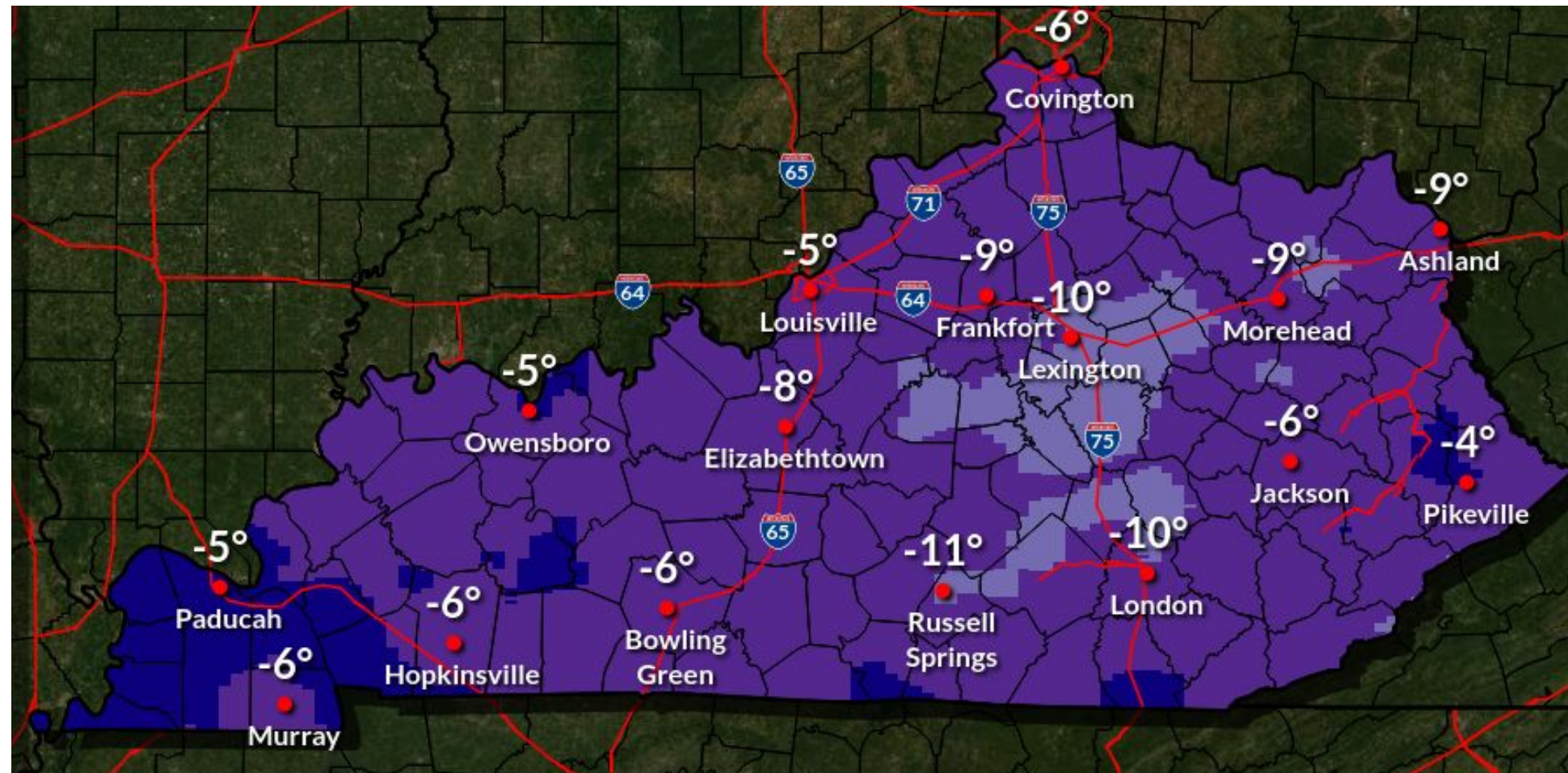
## Impacts

- The cold wind chills could cause frostbite on exposed skin in as little as 30 minutes.

## Confidence in Cold Temperatures



## Wind Chill on Wednesday Morning





# Wind Chill Safety

January 15, 2024  
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Arctic air + brisk winds = dangerously cold wind chills

Dress in layers when the arctic air arrives! Frostbite and hypothermia can occur in less than 30 minutes

**The Science of Wind Chill**

**NO WIND**

**98.6°F**  
Average temperature of the human body

Under calm conditions, the body radiates heat, creating a layer of warmth between our skin and the cold surroundings.

**WINDY**

**95°F**  
Hypothermia begins when our body temperature drops two to four degrees

But when it's windy, the moving air breaks up this insulating layer. It speeds up heat loss by whisking away the warmth from our skin.

Heat is moved away from our bodies.

[weather.gov/winter](http://weather.gov/winter)



# Getting Traction

Tips for  
Traveling  
in Winter Weather



Check the NWS forecast



Check road conditions



Stay mobile



Winterize your vehicle



Pack an emergency supply kit



[weather.gov/winter](http://weather.gov/winter)

