

# Winter Storm Potential

Timing: Tonight– Tuesday Morning  
Updated 2/14/2021 11:00 AM EST

# Significant Winter Storm

## Tonight – Tuesday Morning



### What We Know

Heavy snow, sleet, and freezing rain are likely across Kentucky and southern Indiana late Sunday through Tuesday.

Greatest potential for significant ice accumulations will be south and east of a line from Tompkinsville (KY) to Richmond (KY).

Greatest potential for significant snow accumulations includes far southern Indiana and much of central Kentucky

Power outages are possible due to snow and previous ice accumulations on trees and power lines.

### What We Don't Know

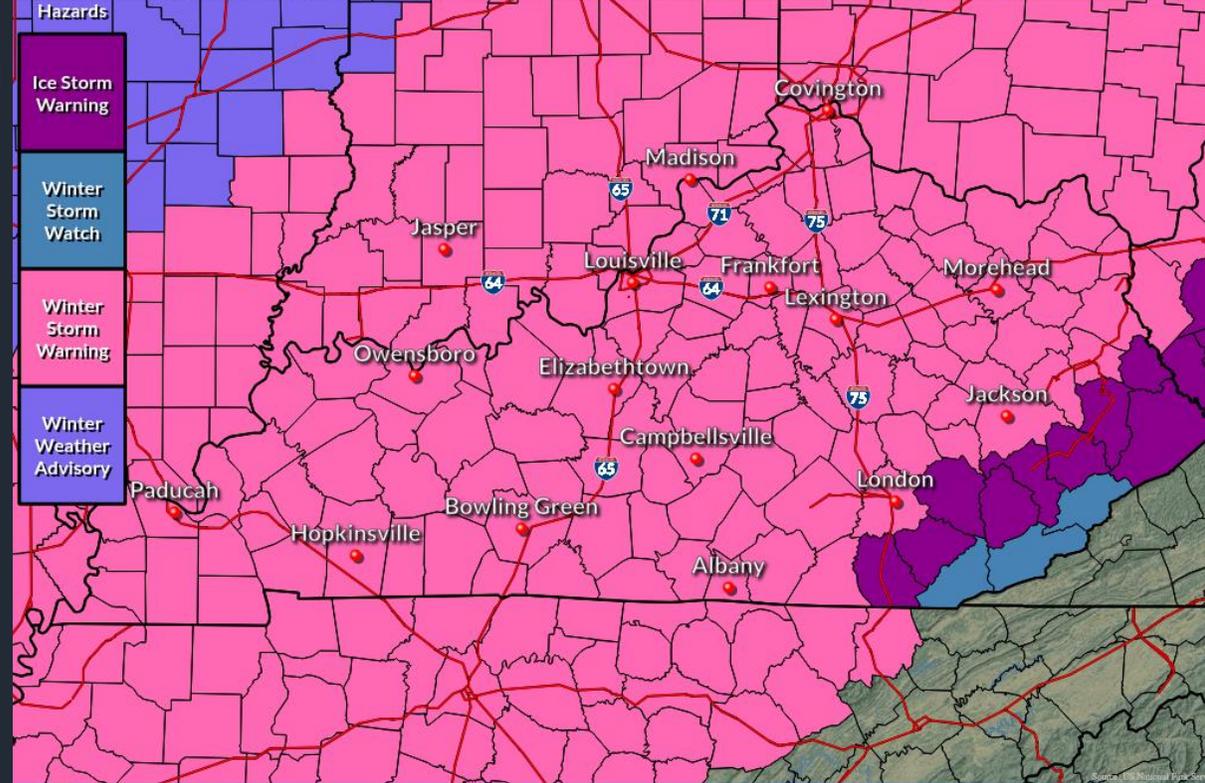
The exact amounts and precipitation types at a given location.

### Winter Storm Headlines

In Effect from Sunday Evening through Tuesday

Weather Forecast Office  
Louisville, KY

Issued Feb 14, 2021 5:17 AM EST



NWSLouisville

weather.gov/lmk

### Confidence Level in Impacts



### Confidence Level on Precipitation Types



### Confidence Level on Precipitation Amounts



weather.gov/louisville

# Winter Storm Timing



- Wintry mix moves in after sunset Sunday night.
- Snow across southern IN and northern KY, north of the parkways. Wintry mix south of the parkways. Freezing rain toward the Lake Cumberland region.

- Snow and/or wintry mix becomes very light. May even see some brief breaks in precipitation.
- Light freezing drizzle or rain persists toward the Lake Cumberland Region

- Snow northwest of Parkways; wintry mix to the east gradually transitioning to snow
- Heavy snow most likely along and northwest of the Parkways
- Snow rates exceeding 1"/hour
- Travel could become treacherous at times. Monday PM rush-hour significantly impacted

- Snow tapering down and moving off to the northeast
- Very cold temperatures during the day Tuesday (20s) and Tuesday night (single digits to teens)



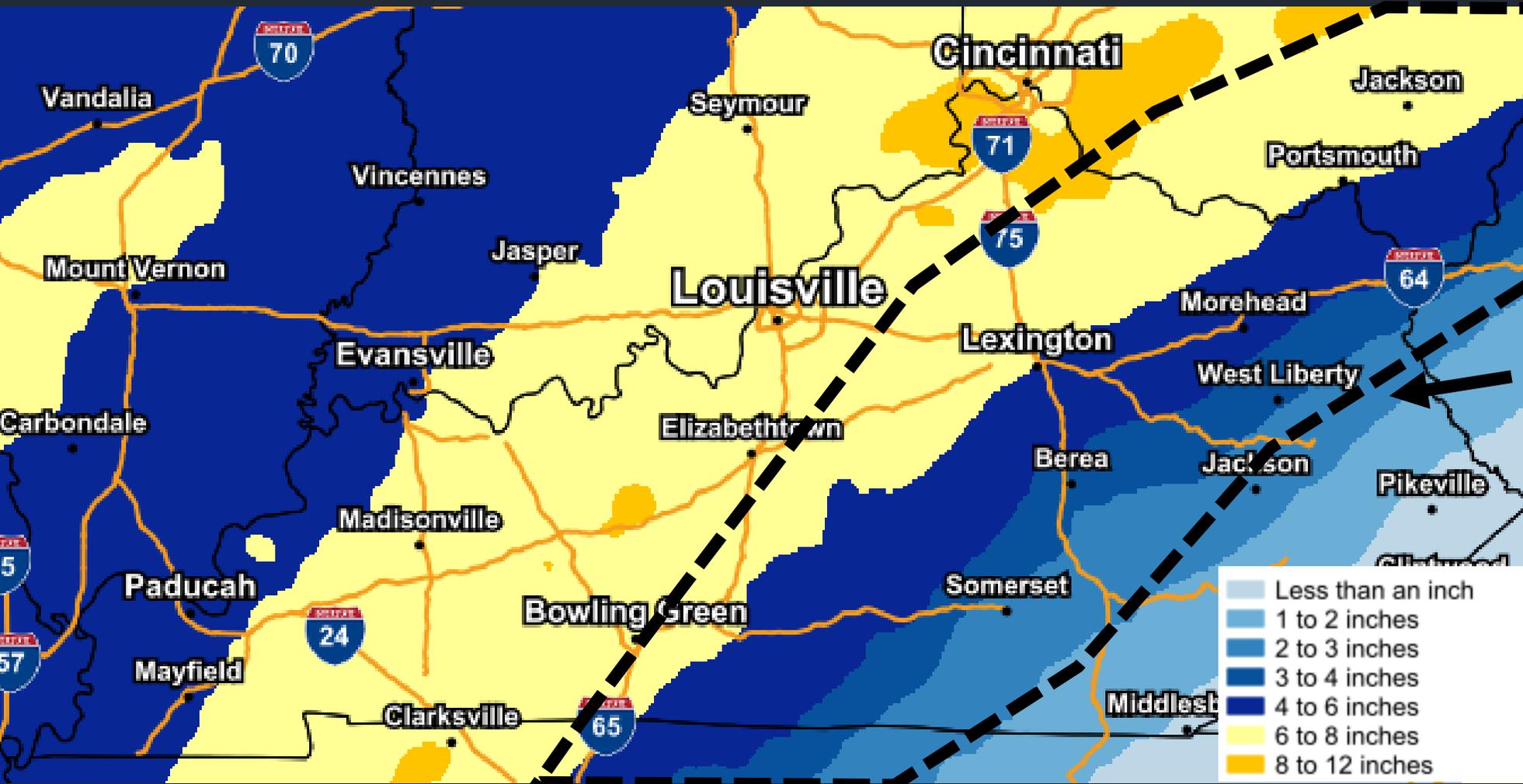
## Timing Confidence





# Forecast Snow Accumulations

Tonight – Tuesday



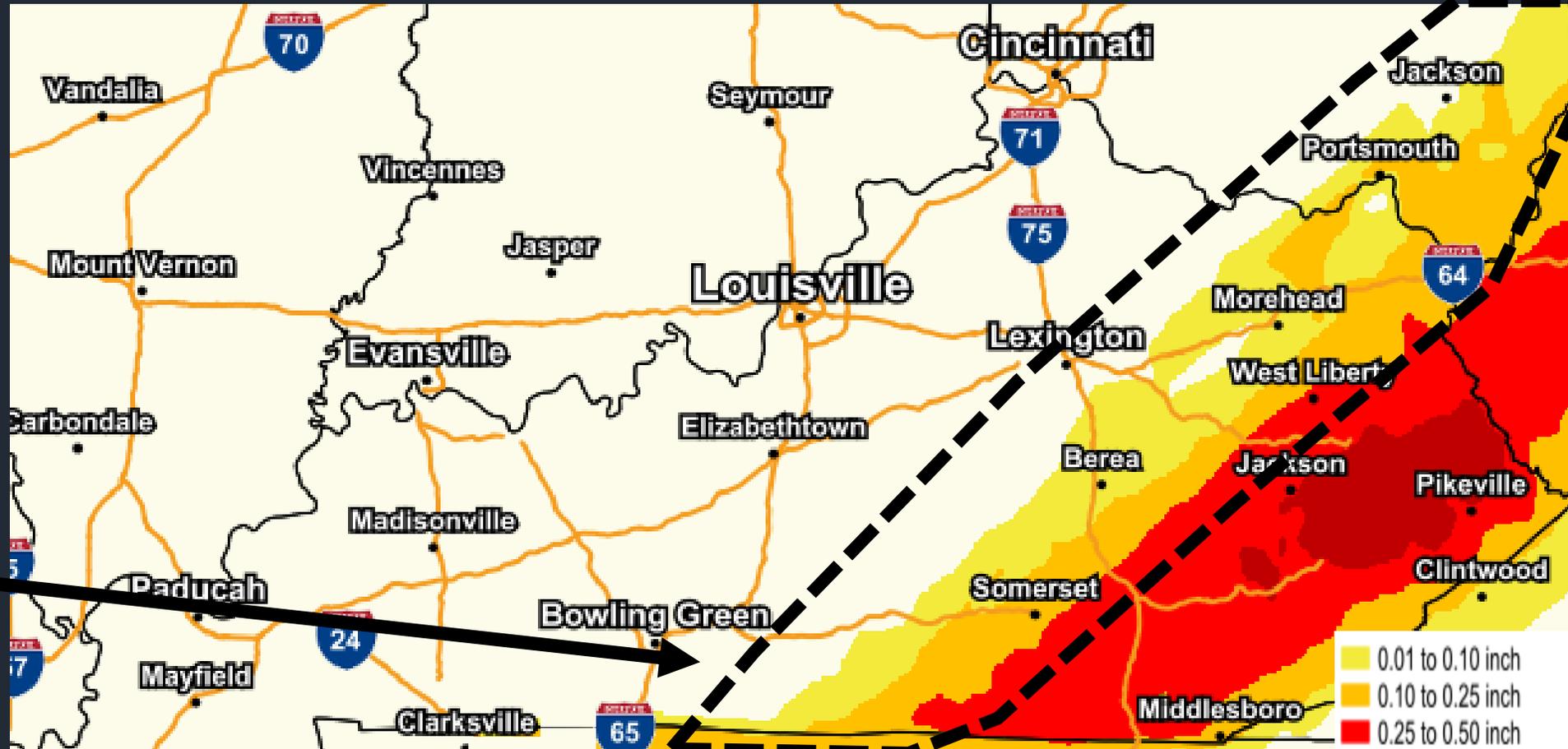
Greatest uncertainty in snow accumulations across the region outlined in the dashed black lines

# Forecast Ice Accumulations

Tonight – Tuesday



Greatest uncertainty  
in ice accumulations  
across the region  
outlined in the  
dashed black lines





# Tuesday Night through Friday

**OVERVIEW:** Cold and Cloudy with potentially significant storm system Wed night into Thursday night

- **Tuesday night & Wednesday** – Cold and Cloudy. Lows 8-14, Highs in 20s.
- **Wed Night & Thursday Night** – Snow, sleet, freezing rain, and rain possible across whole region. Lots of uncertainty in exact precipitation type with this setup. More rain in E KY. Some precipitation locally heavy. Lows in the 20s. Highs 30 to 35.
- **Friday** – Cloudy with isolated snow showers. Brisk with highs 25 to 30. Wind Chills in teens.

## Next Weekend

- **Slightly warmer, possible river flooding.**

