



# Winter Weather Briefing

## Thursday, January 21, 2016

For South Central Indiana and Central Kentucky

Prepared at 1:00 PM EST Thursday,  
January 21 2016

WFO LMK

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NWS Louisville KY

**National Weather Service – Louisville, Kentucky**



NWSLouisville



National Weather Service Louisville



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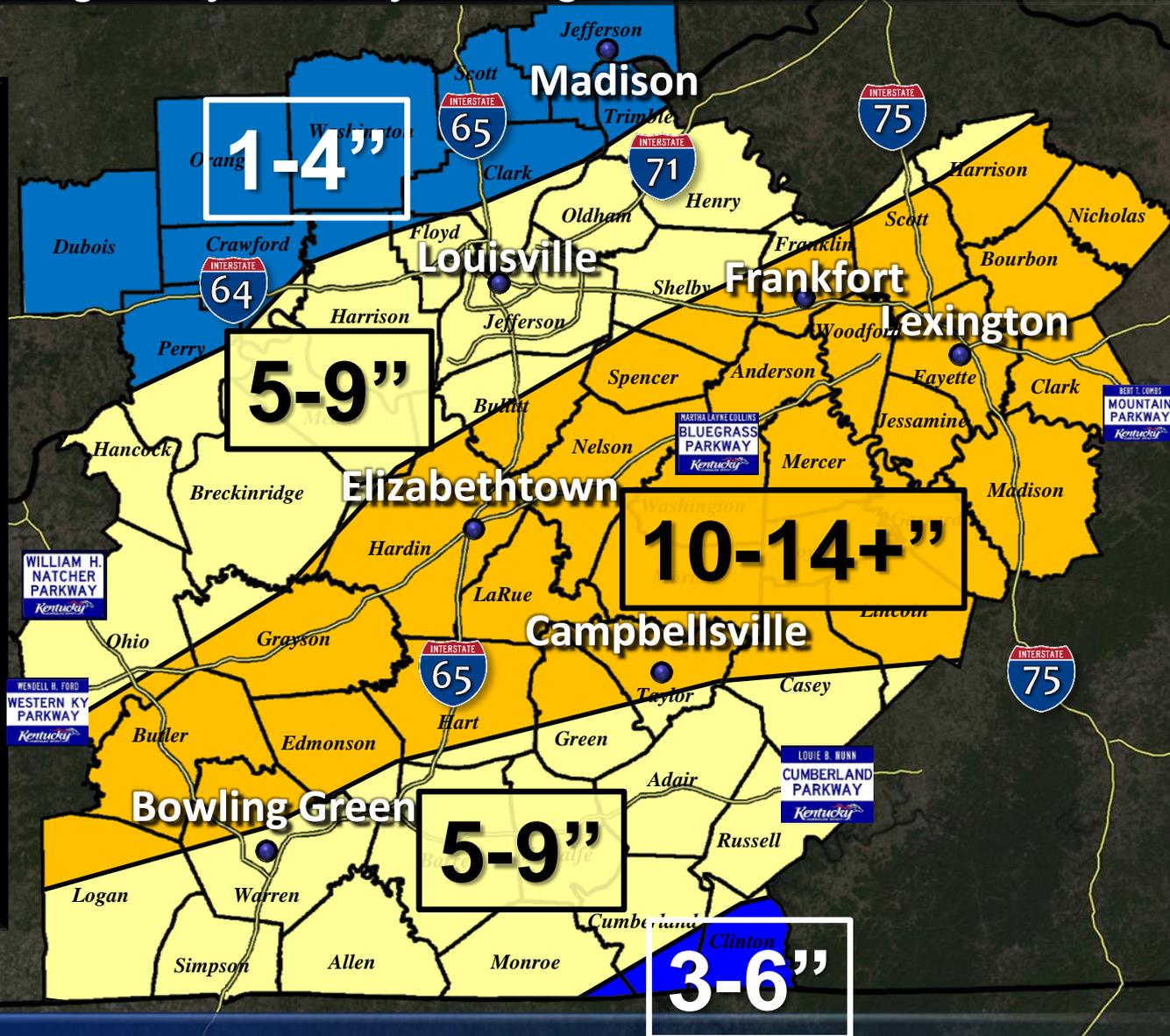


# FORECAST SNOW AMOUNTS

Late Tonight through Early Saturday Morning

## Overview

- Significant snowfall accumulations likely along and south of the Ohio River
- A band of over a foot of snow is likely to set up somewhere across central KY
- These amounts are not set in stone, and will be adjusted through the day today as confidence increases



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# FORECAST ICE ACCUMULATIONS

Late Tonight through Early Friday Morning

## Overview

- Ice accumulations up to a quarter of an inch possible over south-central KY.
- No significant icing is expected across north-central KY and southern IN.



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# Timing the START of Accumulating Winter Precipitation

National Weather Service Louisville, KY

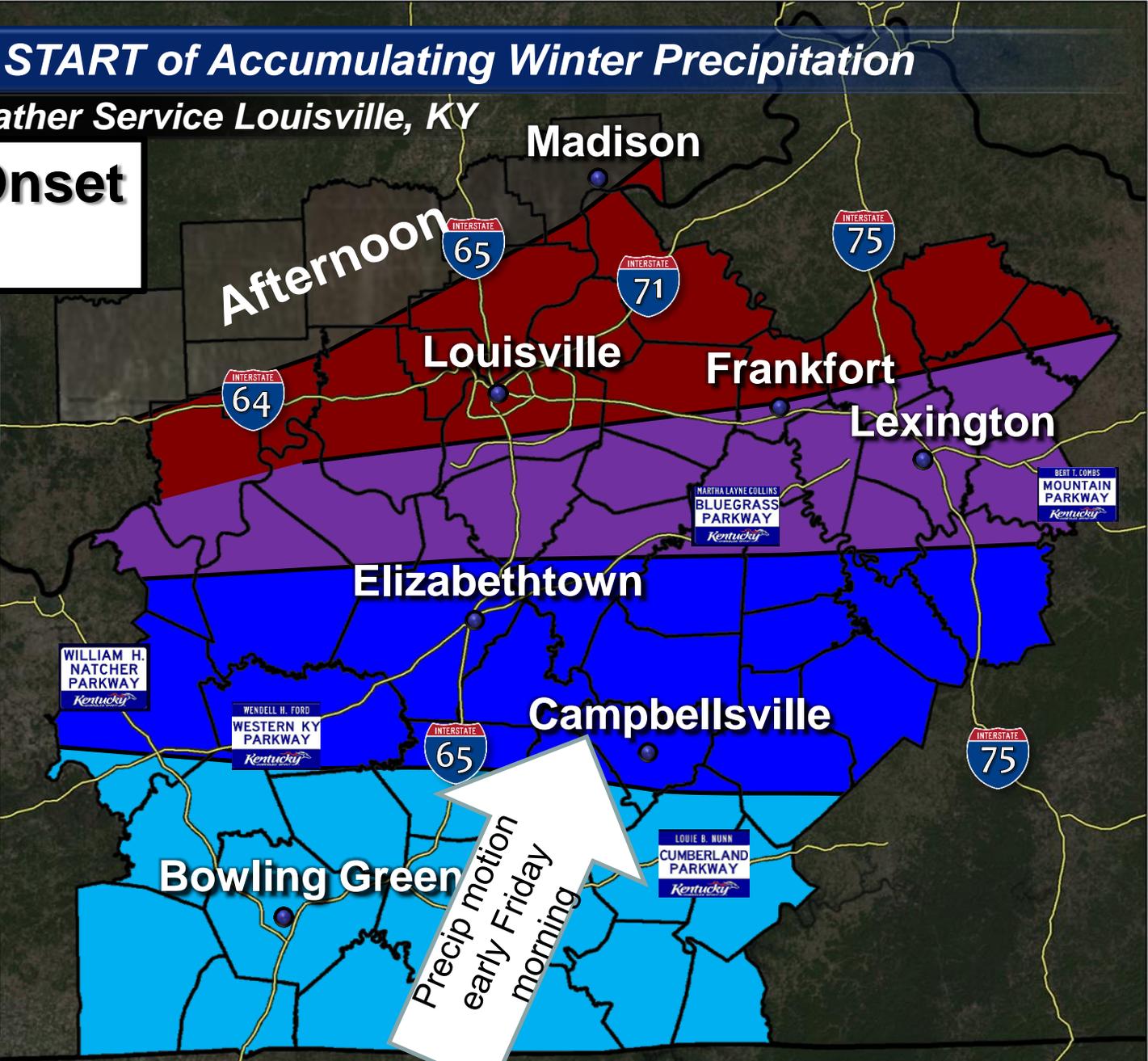
## Precipitation Onset Friday

Starting between 10 AM to 1 PM EST

Starting between 7 AM to 10 AM EST

Starting between 4 AM and 7 AM EST

Starting between 1 AM and 4 AM EST



Precip motion early Friday morning



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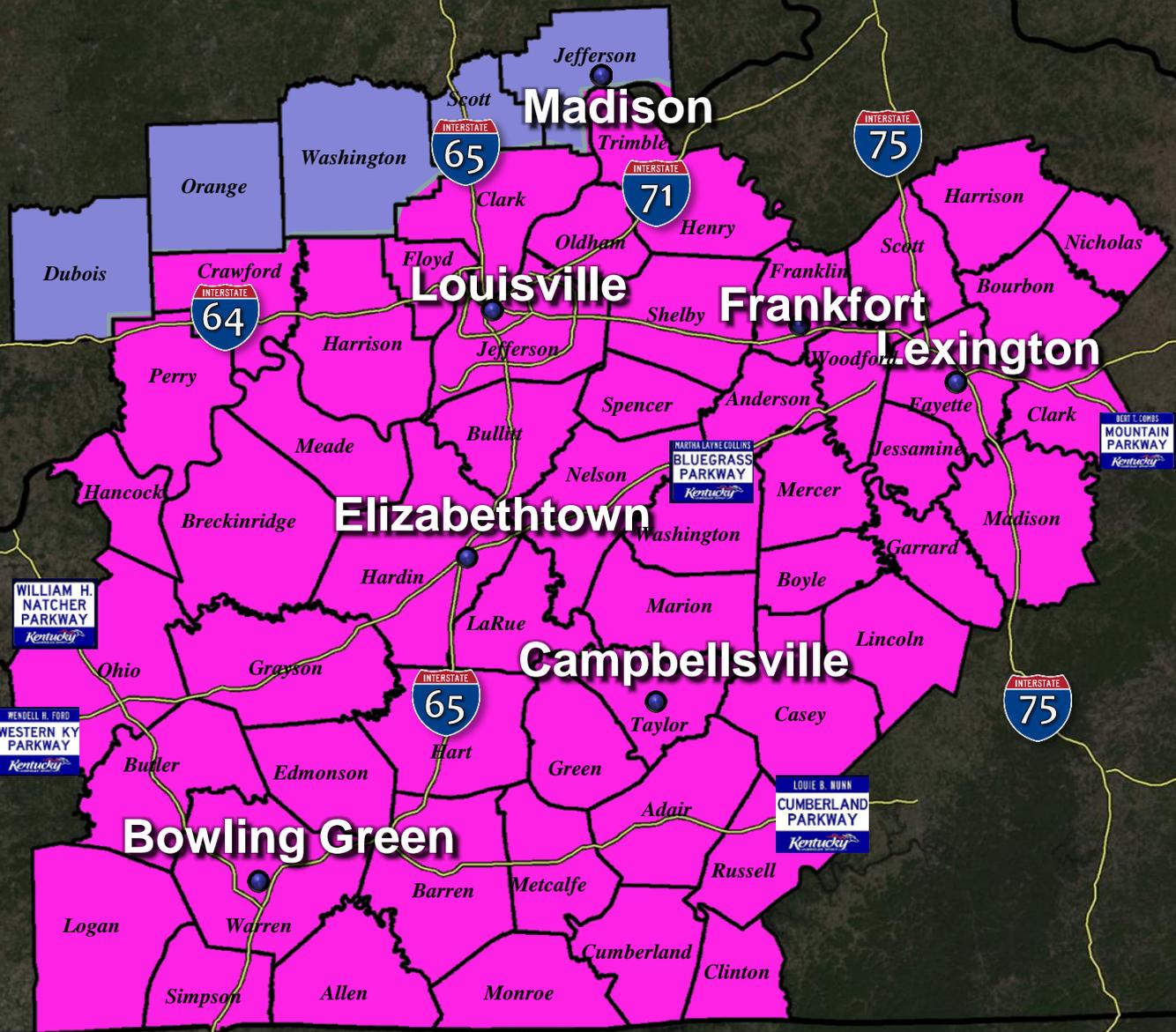




# WINTER STORM WATCH/WARNING TIMING

**Winter Weather  
ADVISORY** from  
**7PM Tonight to 7AM  
Saturday**

**Winter Storm  
WARNING** from 7PM  
**Tonight to 7AM  
Saturday**



# Timing, Snowfall, Impacts, Confidence Tonight– Saturday Morning



## Timing:

- Precipitation moves north into southern KY late tonight, spreads into southern Indiana by early Friday afternoon, ending early Saturday morning
  - Most significant icing late tonight
  - Most significant snow Friday

## Precip:

- Snow expected over south-central Indiana and north-central Kentucky
- Freezing rain and/or sleet over south-central Kentucky late tonight changes to snow Friday
- Snow will be heavy at times over portions of central Kentucky Friday

## Impacts:

- Very hazardous road conditions likely late tonight through Saturday morning
- Power outages possible in heaviest ice and snow regions due to winds gusting near 35 mph at times Friday.

## Confidence:

- Very high confidence in winter storm occurrence and major impacts tonight through Saturday morning
- Medium confidence in snowfall amounts, with biggest bust potential across southern Indiana where a sharp snow gradient will exist