



Winter Weather Briefing

Thursday, January 21, 2016

For South Central Indiana and Central Kentucky

Prepared at 4:00 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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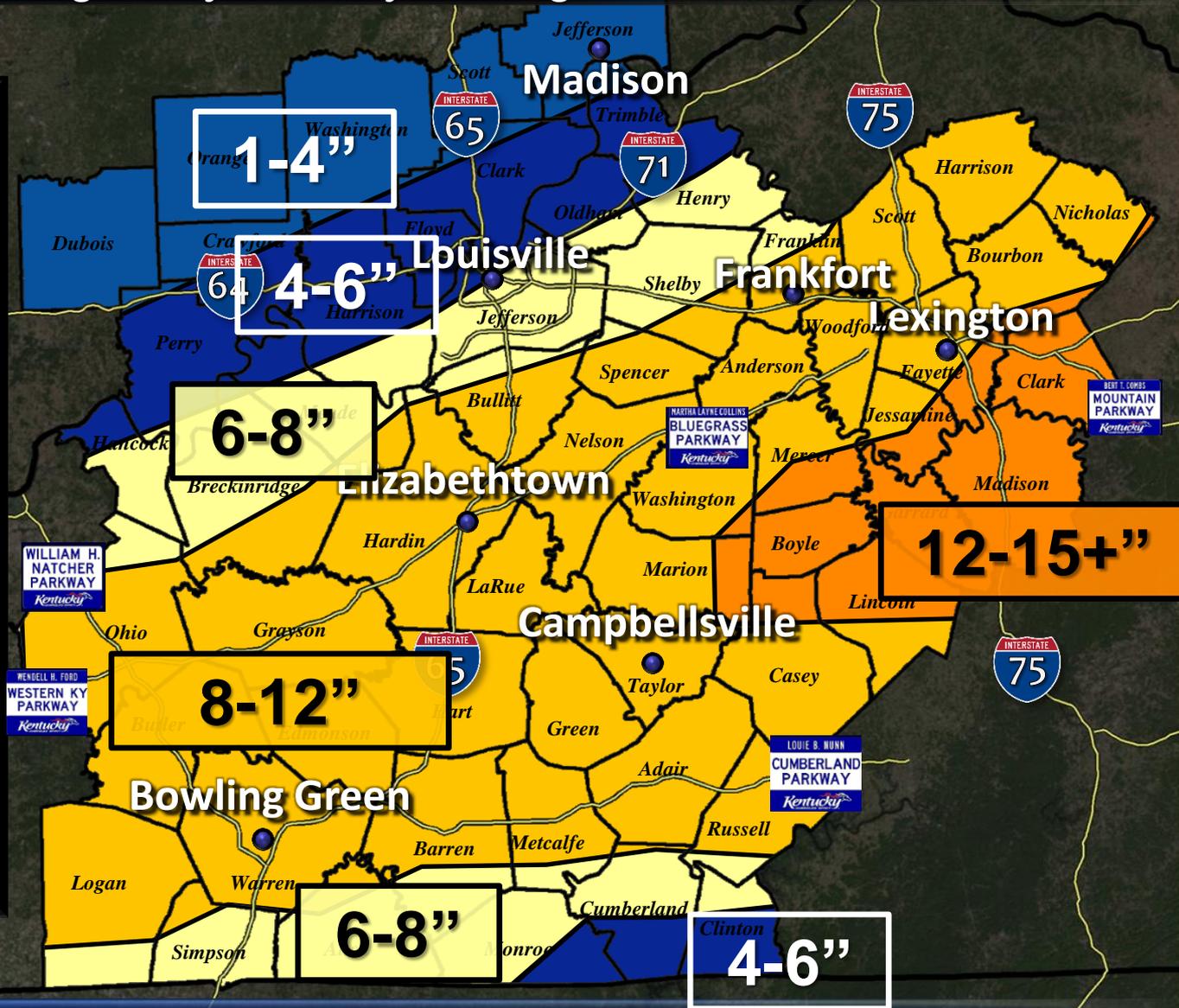


FORECAST SNOW AMOUNTS

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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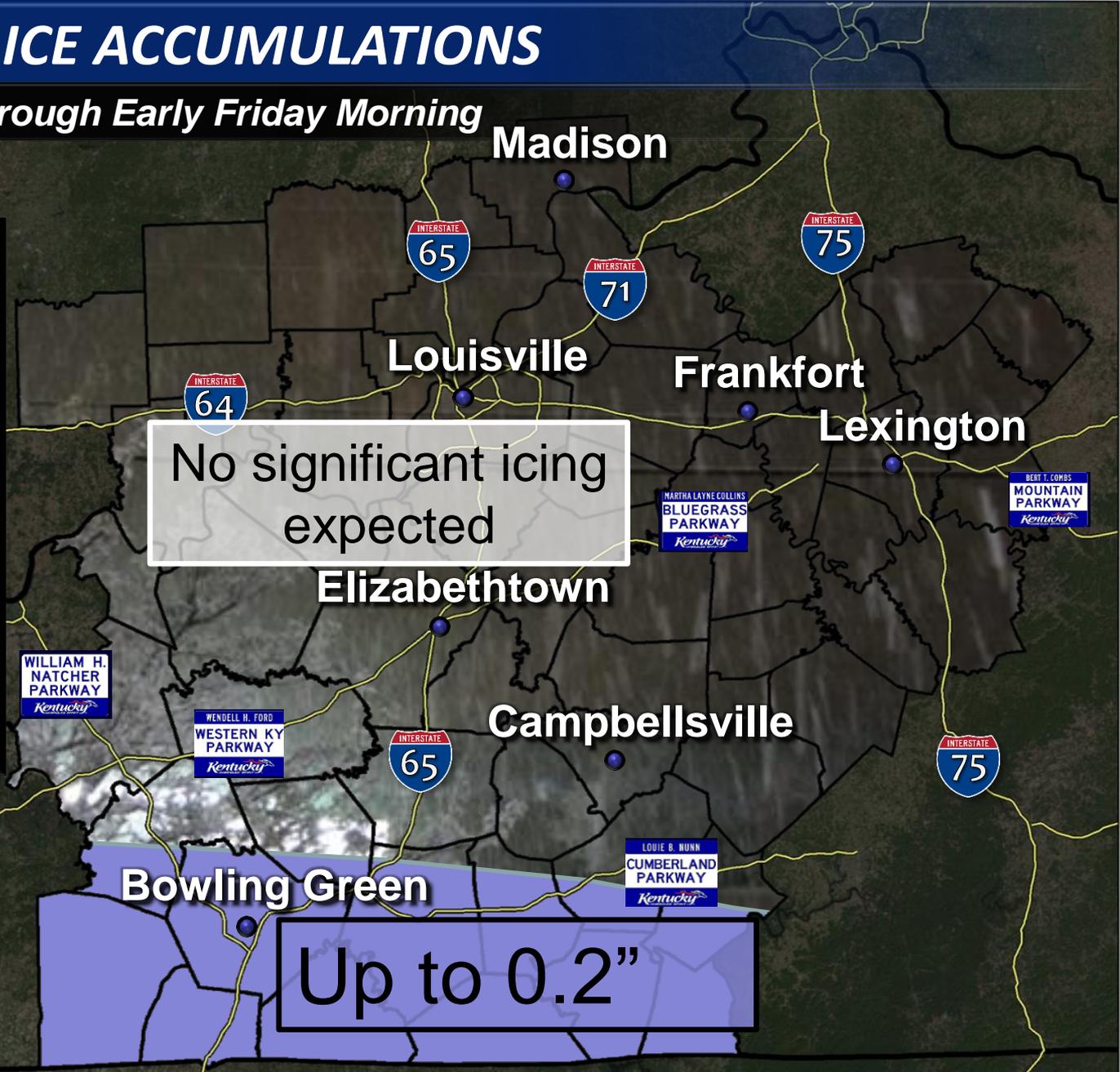


FORECAST ICE ACCUMULATIONS

Late Tonight through Early Friday Morning

Overview

- Ice accumulations up to two tenths 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

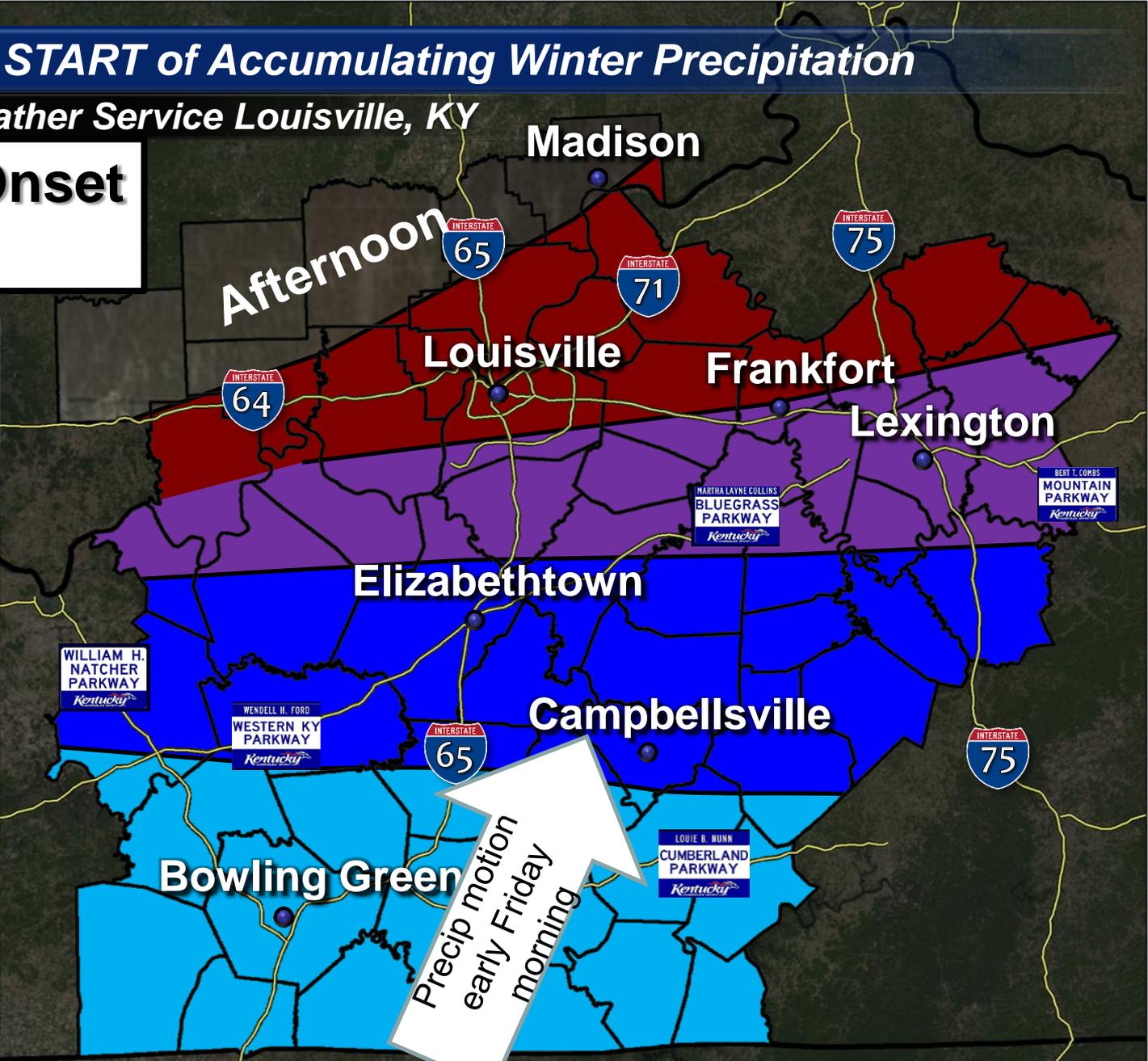
Precipitation Onset Friday

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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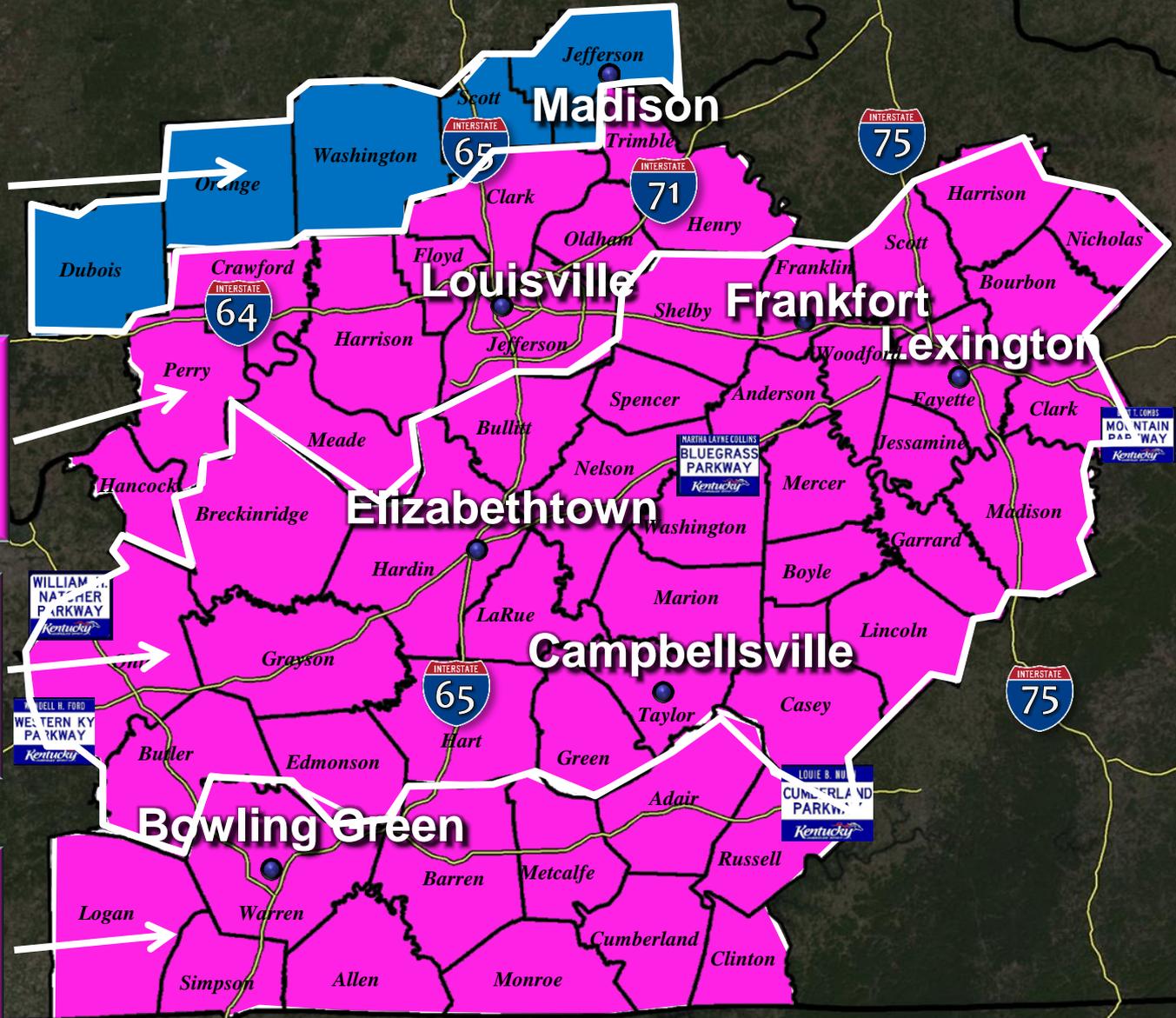
WINTER STORM WATCH/WARNING TIMING

Winter Weather ADVISORY from 7AM Friday to 7AM Saturday

Winter Storm WARNING from 7AM Friday to 7AM Saturday

Winter Storm WARNING from 1AM 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.
- **Louisville, Frankfort, Lexington Metros: Morning commute may be clear, but travel becoming very hazardous, or even impossible, in the afternoon.**

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