Winter Weather Briefing

Friday, February 28, 2014

For South Central Indiana and Central Kentucky

Prepared 2/28/2014 2:16 PM EST

WFO LMK

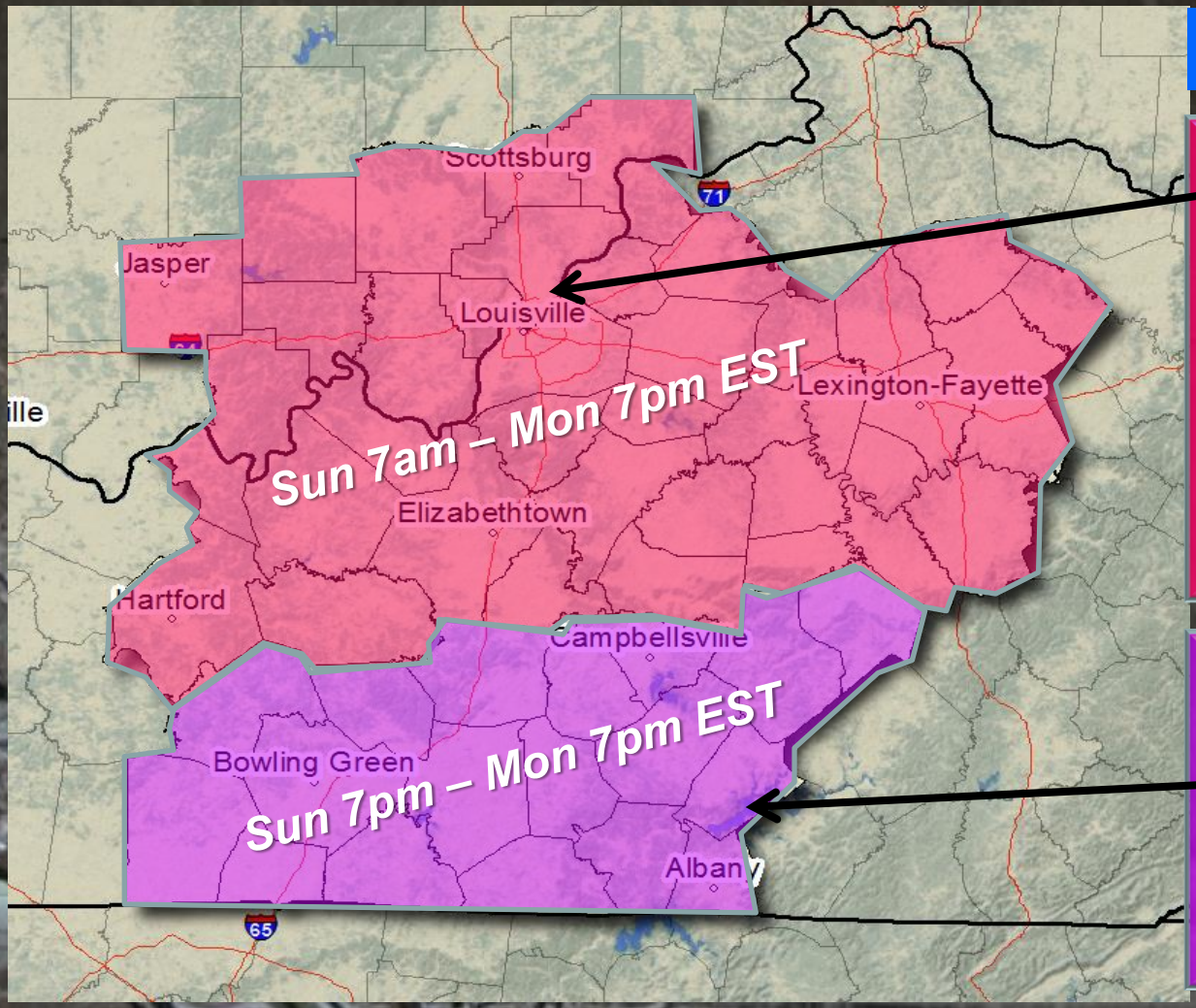
lmk.ops@noaa.gov

NWS Louisville KY

National Weather Service – Louisville, Kentucky

Winter Storm Watch

Significant Accumulations of Snow, Sleet, and Freezing Rain Are Possible



Forecast Accums:

Ice:
- S Indiana 0.25+”
- N Kentucky 0.25-0.5”
  Locally 0.75”

Snow:
- S Indiana 3 - 6+”
- N Kentucky 1 - 3”

Ice:
- S Kentucky 0.25-0.5”

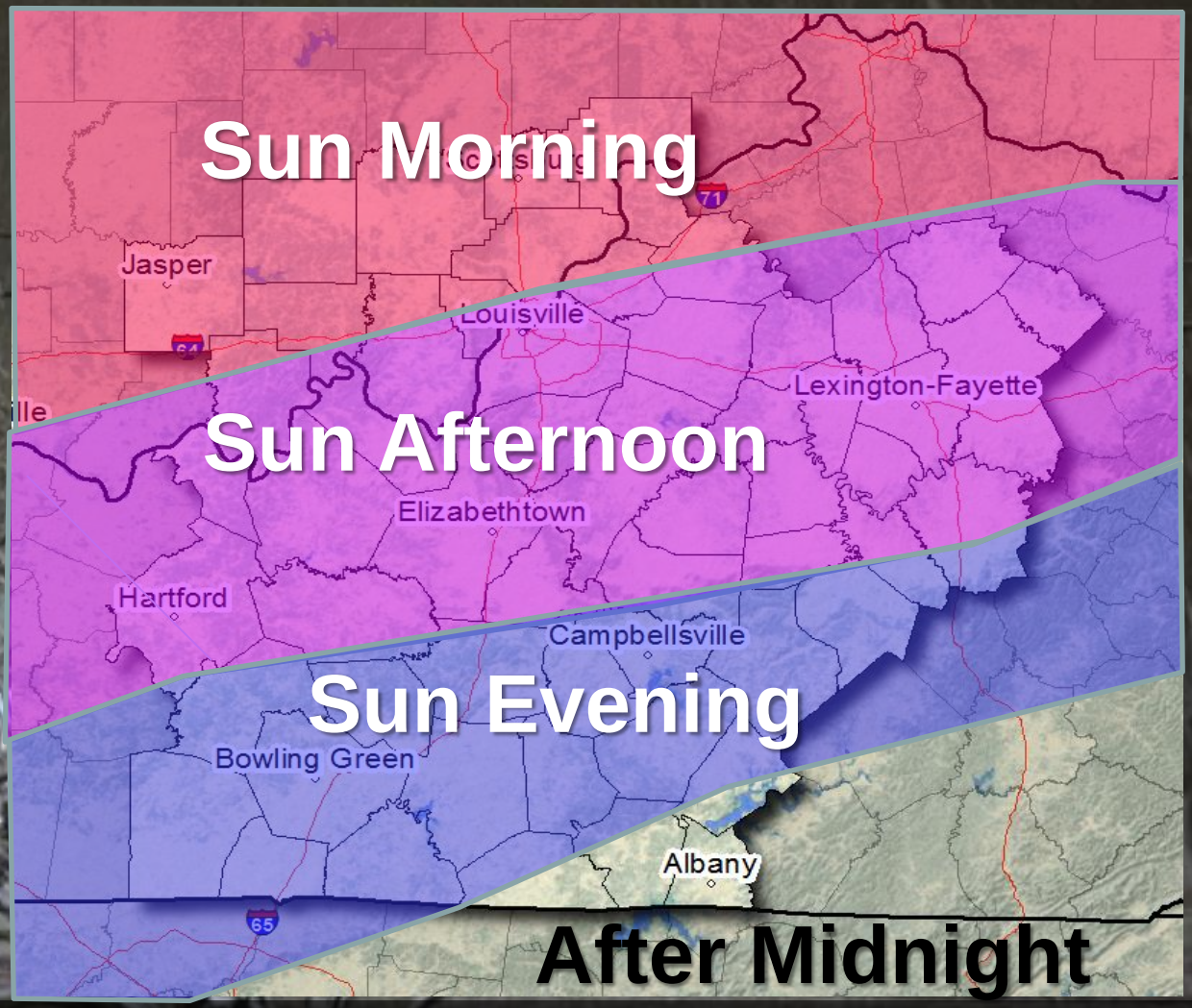
Snow:
- S Kentucky Up to 2”

National Weather Service – Louisville, Kentucky

\NWSLouisville | National Weather Service Louisville | @NWSLouisville

Timing of Winter Storm

Start of Ice/Snow



National Weather Service – Louisville, Kentucky

Winds Sun Night - Mon

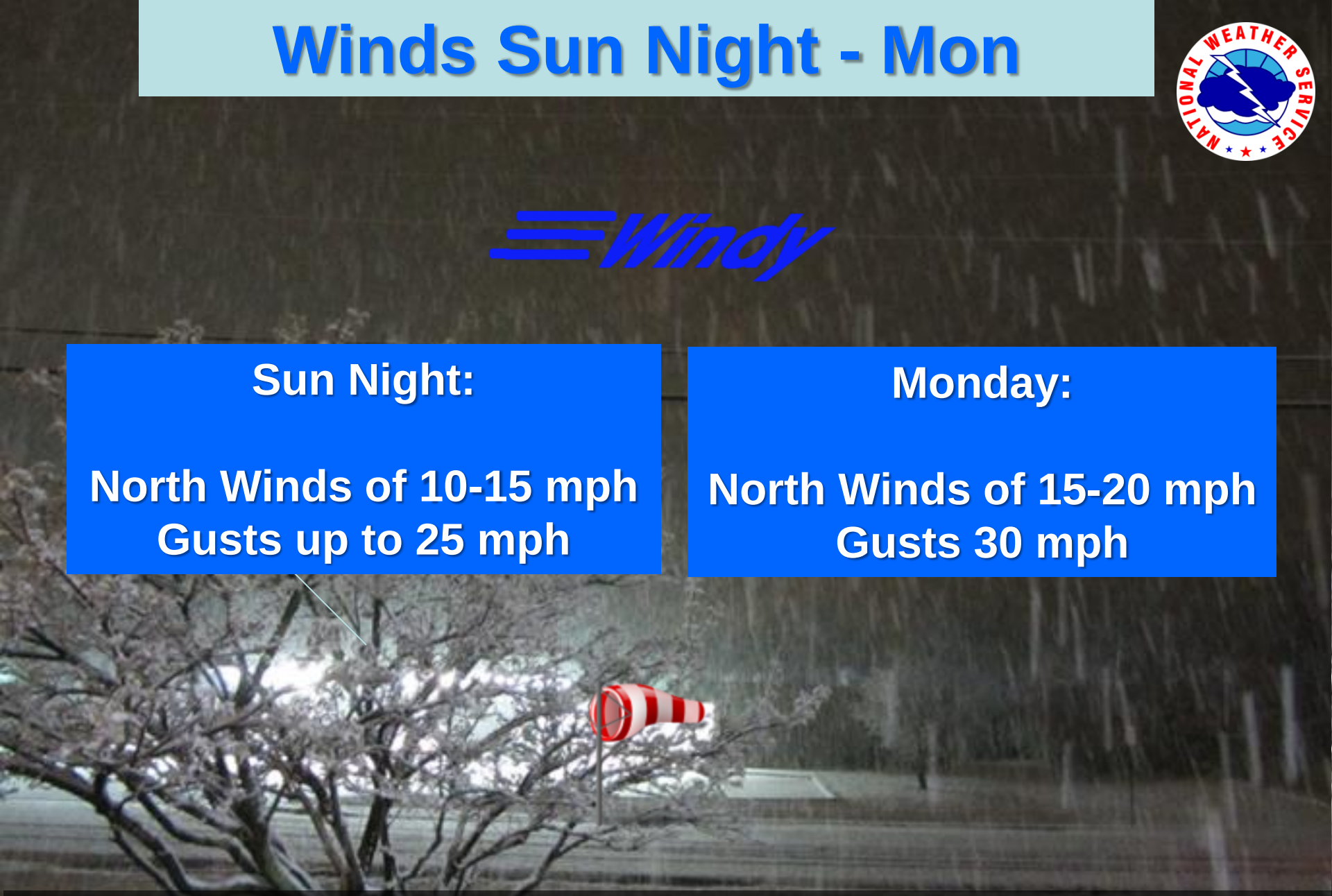
Windy

Sun Night:

North Winds of 10-15 mph
Gusts up to 25 mph

Monday:

North Winds of 15-20 mph
Gusts 30 mph



National Weather Service – Louisville, Kentucky

Temperatures After the Storm

Monday Night	Tuesday	Tuesday Night	Wednesday
Lows Around 0 north to low teens south Wind Chills -10 north to low single digits south	Highs Mid 20s north to Mid 30s south	Lows Around 10 north to low 20s south	Highs Mid 30s north to Upper 40s south

National Weather Service – Louisville, Kentucky

Forecasted Impacts

Timing: Freezing rain and sleet are forecast to start during the **morning Sunday** across **southern Indiana**. A changeover to snow is then expected toward **late Sunday night**. Across **central and north central KY**, expect rain Sunday morning. Precipitation will then change to freezing rain and sleet **Sunday afternoon**, before ending as a brief bout of snow on Monday. Across **south central KY**, expect rain through the day Sunday, changing over to freezing rain and sleet **Sunday evening** before ending in snow on Monday.

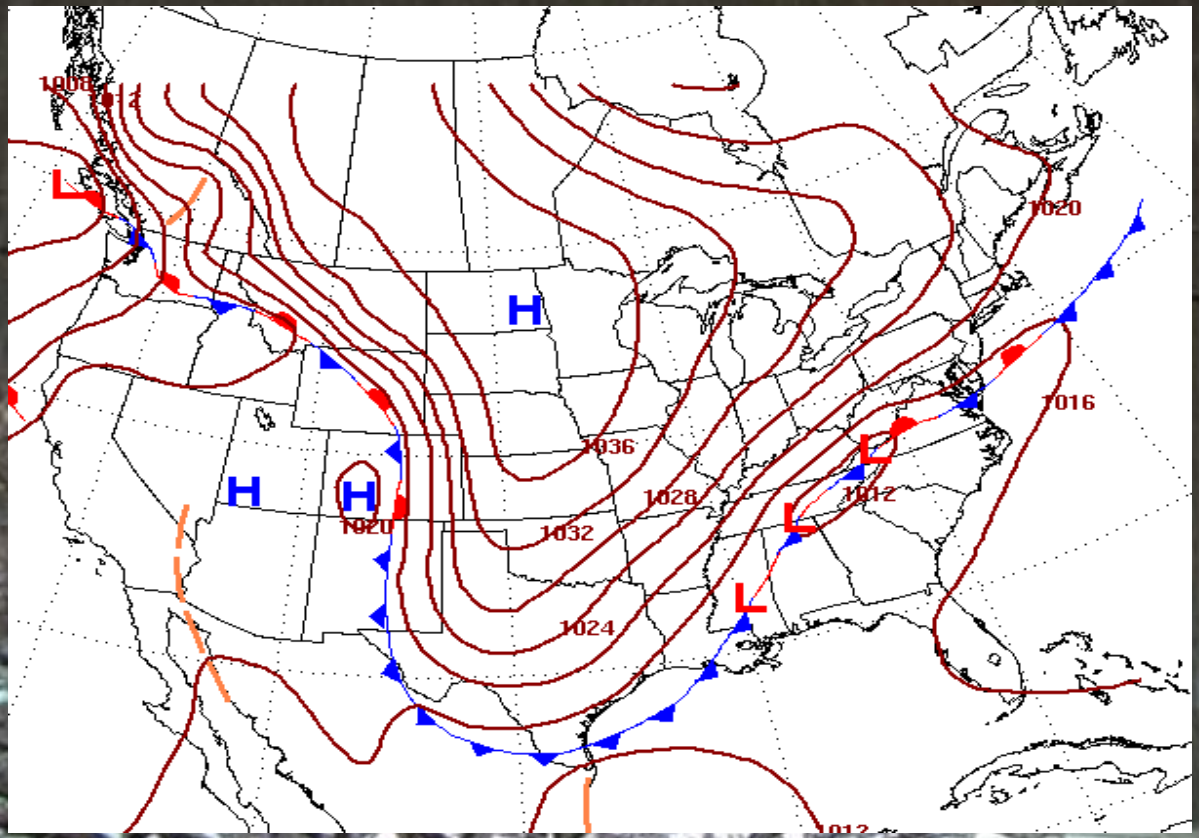
Snow Accumulations: Significant snow accumulations, 3-6”, are expected across **southern Indiana**. Light snow accumulations, 1-3”, are possible across **central Kentucky**.

Ice Accumulations: Significant ice accumulations are forecast **across the region**, with many locations seeing 0.25” of ice. At this time, the best chance for a half inch or more of ice looks to be across **central Kentucky**.

Road Impacts: Snow or ice accumulations will negatively impact road conditions and difficult driving conditions likely will last at least into **Tuesday**.

National Weather Service – Louisville, Kentucky

Overview



-A series of surface low pressure areas will pass to our south Sunday night and Monday. Meanwhile, arctic air will be filtering into the Ohio Valley from the north. This will set the stage for a wintry mix of precipitation for a prolonged period Sunday through Monday.

- Stay up to date of the latest forecasts through the weekend as a slight shift in the storm track could mean big changes to forecast precipitation type.

National Weather Service – Louisville, Kentucky