

Severe Weather Risk

Wednesday, December 23, 2015

Threat Assessment for south-central Indiana and
central Kentucky

Prepared: 12/23/2015 3:28 AM

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NWS Louisville KY

National Weather Service – Louisville, Kentucky



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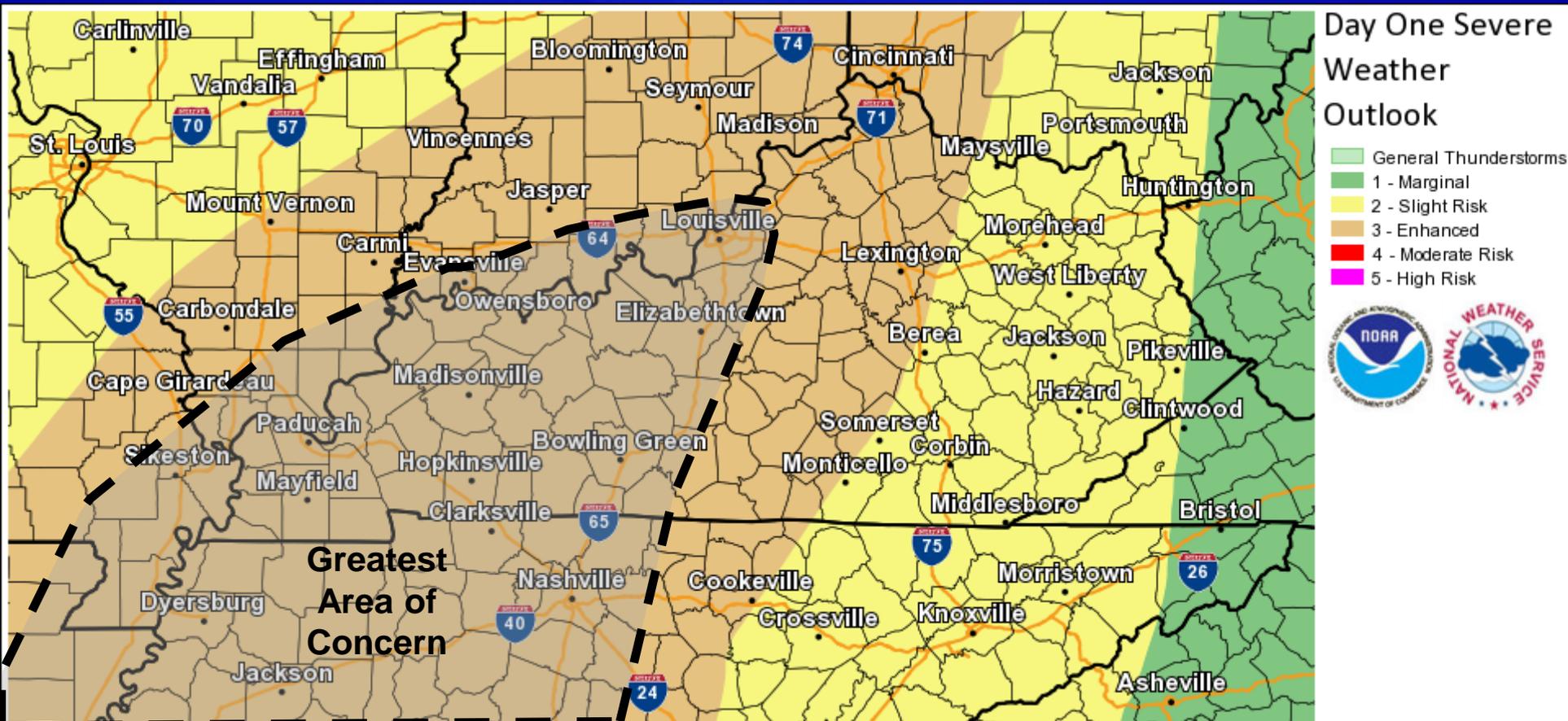


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Severe Weather Outlook



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Timing

Start: - Late Wednesday afternoon and evening across south central KY
- Wednesday evening across southern IN and all of central KY

Supercell Threat: - 4 PM EST to 8 PM West of I 65 and South of I 64

Squall Line Threat- Between 7 PM EST and 2 AM EST Wednesday

End: Ending late evening in West to the early overnight hours East

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Expected Impacts

Tornadoes: Isolated tornadoes, mainly across south central KY

Wind: - Gradient southerly winds of 15-25 gusting to 35 mph
- Damaging winds in excess of 60 mph

Hail: Hail up to 1.25 inches, possibly up to 2 inches across SW KY

Flooding: Heavy rainfall expected at times with some ponding of water possible. No widespread flooding expected.

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Expected Impacts

Aviation:

South winds with frequent 25 kt gusts in the afternoon, occasional 30+ kt gusts

Best chance for strong/severe storms with hail and 50+ kt winds:

- **SDF** – 7 PM – Midnight EST
- **BWG** – 4 PM – 9 PM CST
- **LEX** – Late evening/overnight (*lower confidence*)

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