



Official Weather Briefing

April 1, 2024
2:48 PM

For the NWS Wilmington, OH Service Area

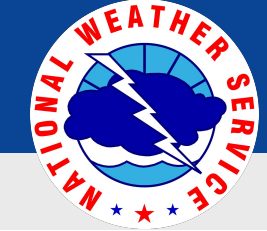
Decision Support Briefing - Severe Storms and Flooding Potential

- Watches & Warnings Valid Now:
 - ◆ [Severe & Tornado Watches](#)
 - ◆ [Flood Watches & Warnings](#)
- [NWS Wilmington Self Briefing Page](#)

! Important Updates

- Significant update for Day 2 Severe Weather Outlook





Forecast Challenges

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- **Multiple rounds of thunderstorms are expected today through Tuesday.**
- **Flash flooding caused by excessive rainfall is possible from this evening through Tuesday evening for portions of our area.**
- **Today/Tonight:** strong to severe storms are possible, especially along and south of Interstate 70. Greatest potential for severe weather is from **5PM to 2AM**.
 - ◆ The main threat for severe weather is large hail and damaging winds. Isolated tornadoes are possible.
 - ◆ Heavy rain is also possible. Areas that receive repeated rounds of rain will have the potential for flooding. **Flash flood threat continues into the Tuesday morning commute.**
- **Tuesday:** strong to severe storms are likely. Greatest potential for severe weather is from **3PM to 10PM**.
 - ◆ The main threat for severe weather is large hail and damaging winds. Several tornadoes, some strong or intense, will be possible.
 - ◆ Heavy rain is also possible. Areas that receive repeated rounds of rain will have the potential for flooding.
- Overall forecast confidence is medium.





Main Hazards & Impacts - Today/Tonight

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Hazard	Threat	Impacts	Location	Timing	Confidence
Damaging Winds	Elevated	Scattered downed trees and powerlines.	Greatest threat along and south of I-70. Tues: Entire Area	Monday 5PM-2AM. Tuesday 3PM-8PM.	Medium confidence
Tornadoes	Limited	Isolated tornadoes possible with damage to structures, trees, and powerlines.	Greatest threat along and south of I-70.	Monday 5PM-2AM.	Low confidence
Large Hail	Elevated	A few storms may produce hail large enough to cause minor damage to outdoor objects.	Greatest threat along and south of I-70. Tues: Entire area	Monday 5PM-2AM. Tuesday 3PM-8PM.	Medium confidence
Areal Flash/Flooding	Elevated	Scattered areas of flooding, mainly localized. Isolated significant flash floods possible.	Along and south of I-70	Monday into Tuesday.	Medium confidence
Tornadoes	Significant	Tornadoes possible with damage to structures, trees, and powerlines. Isolated strong to violent tornadoes possible which could cause significant damage.	Tues: Entire area	Tuesday 3PM-10PM.	Medium confidence

Threat Levels

No/None

Limited

Elevated

Significant

Extreme

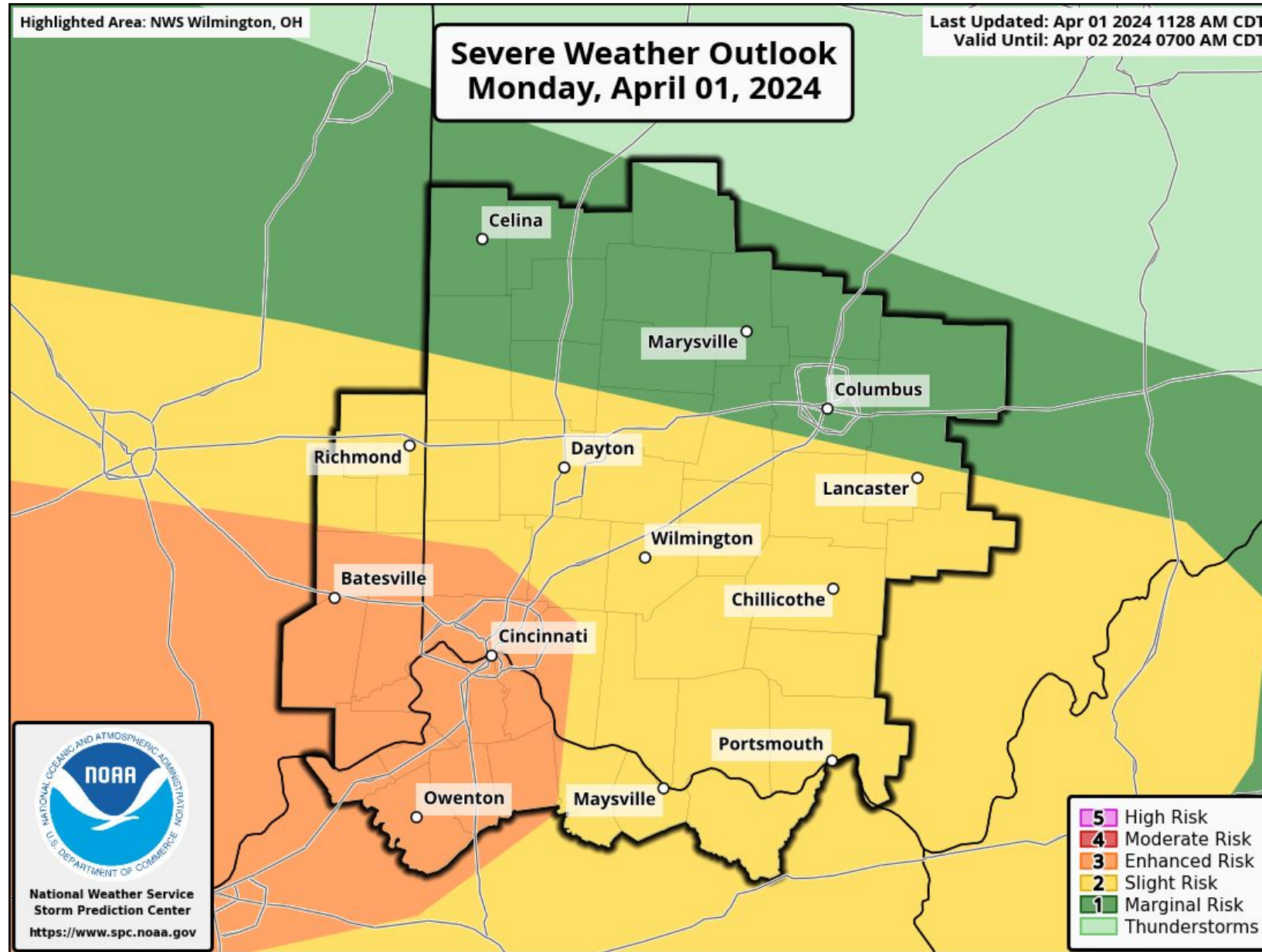




Severe Weather Outlook

For Monday

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National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Wilmington, OH



Watches & Warnings

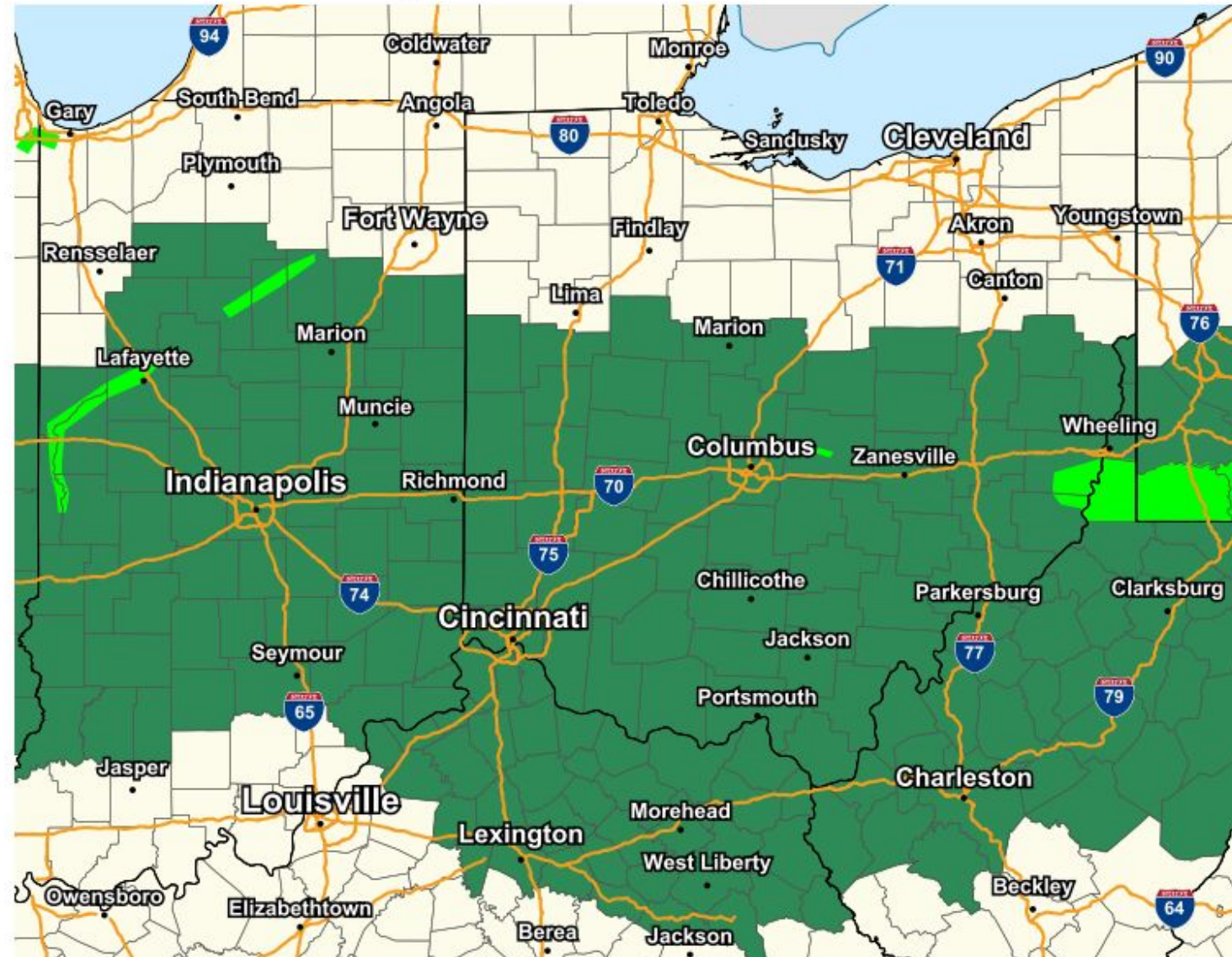
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Flood Watch from Monday afternoon through Tuesday evening



Flood Watches Warnings and Advisories

- Flood Warning
- Flood Warning
- Flood Watch



Graphic Created
April 1st, 2024
2:16 PM EDT

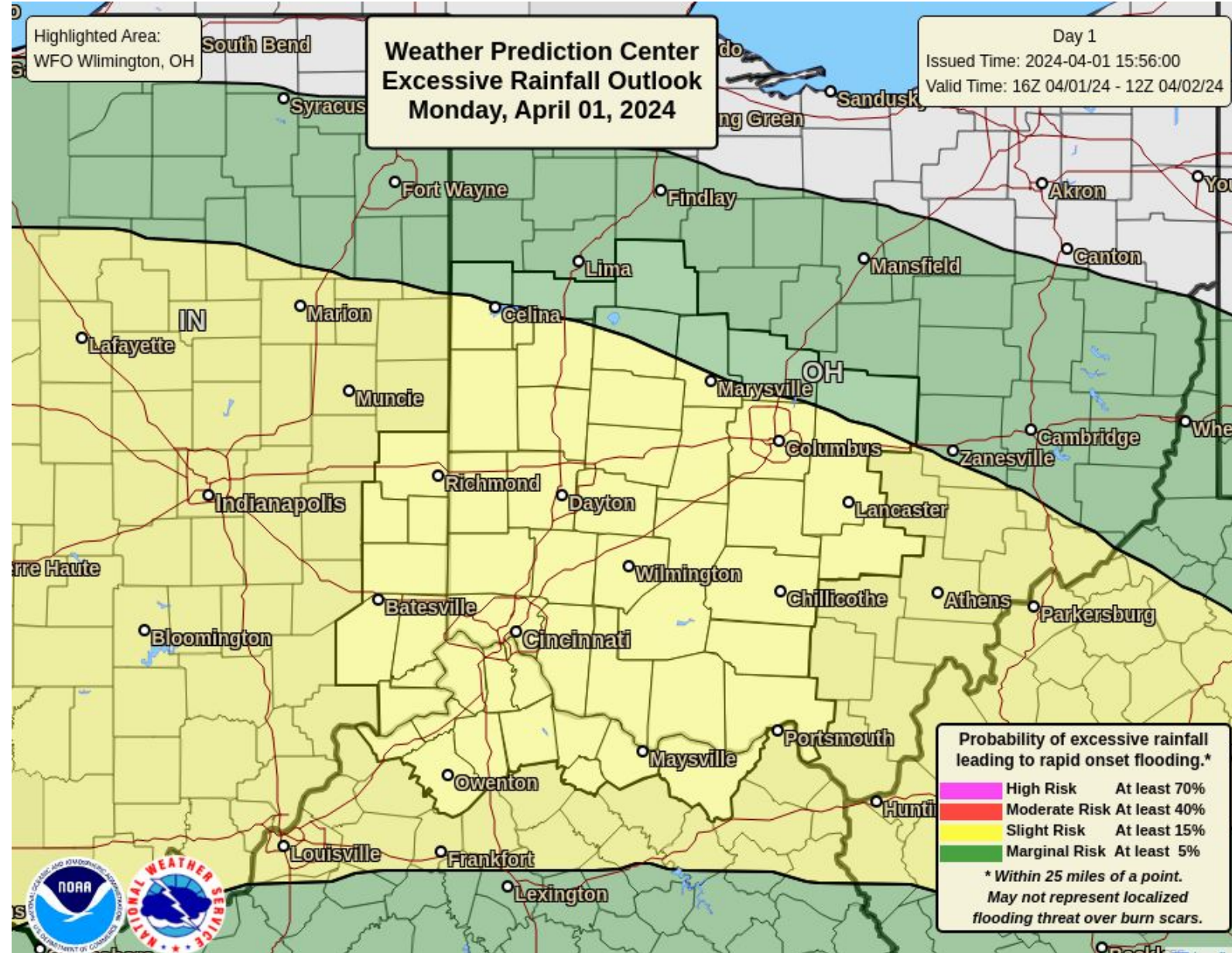




Excessive Rainfall Outlook

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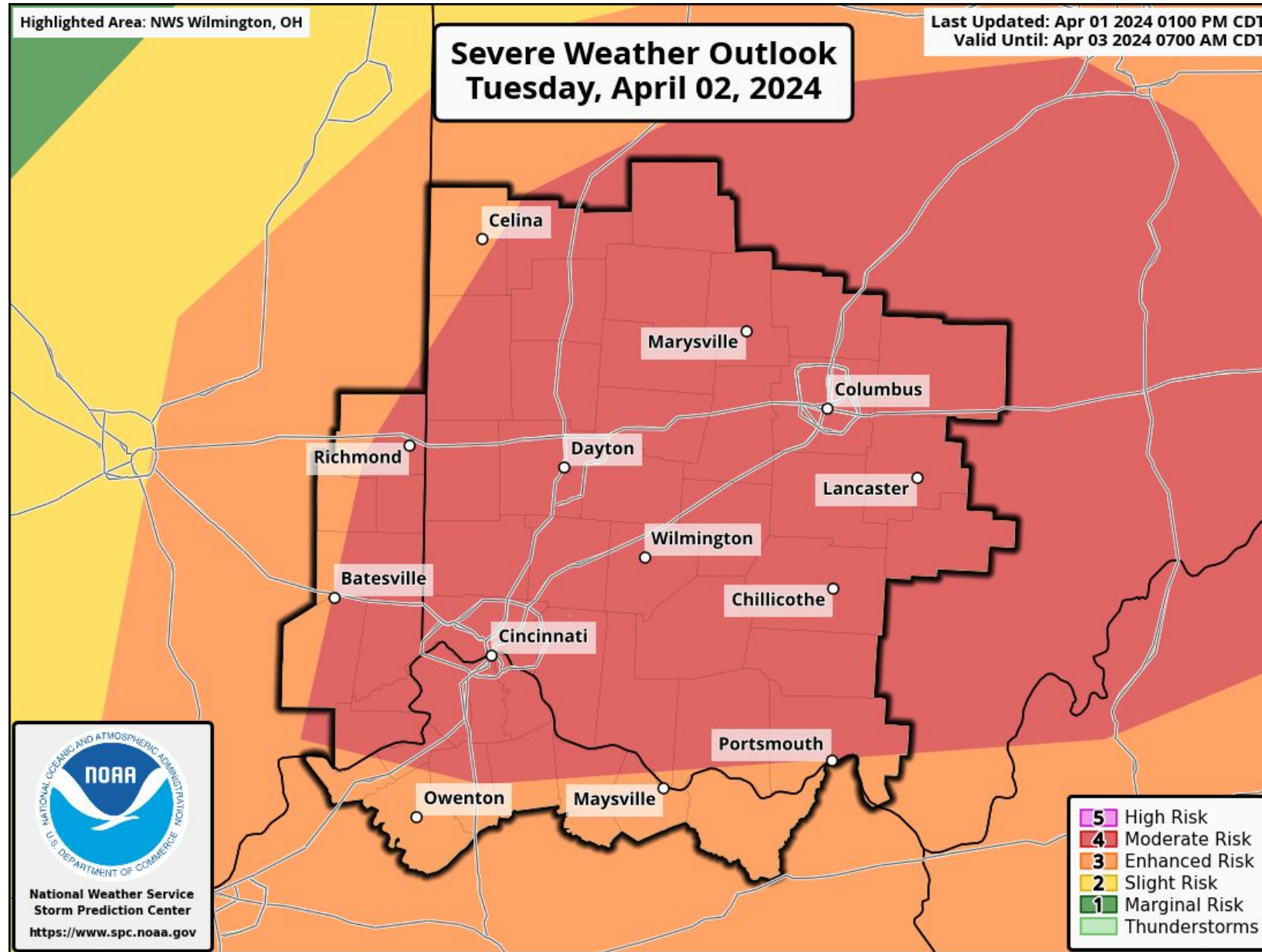
For Monday and Monday Night





Severe Weather Outlook - Tuesday

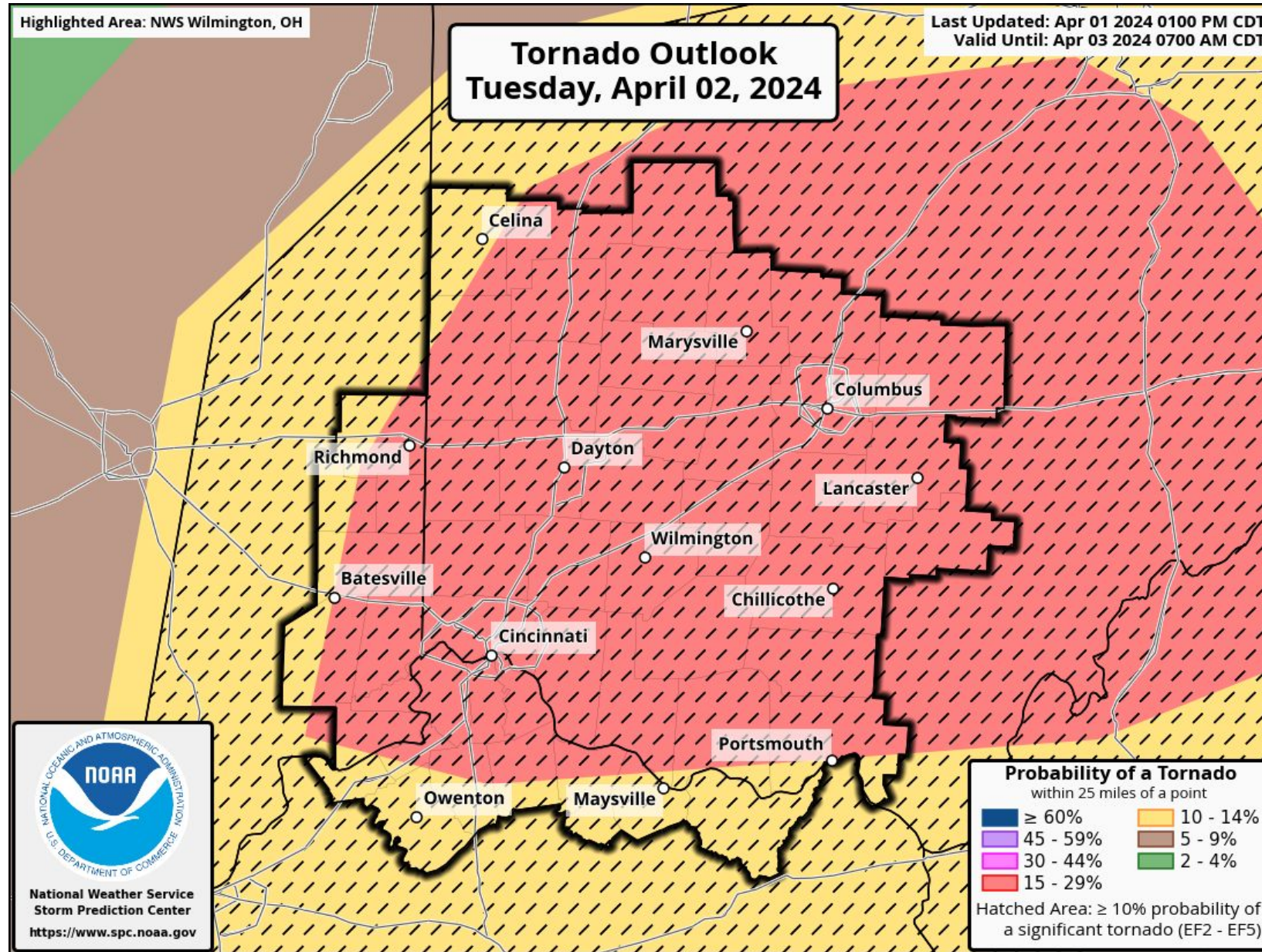
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Tornado Outlook - Tuesday

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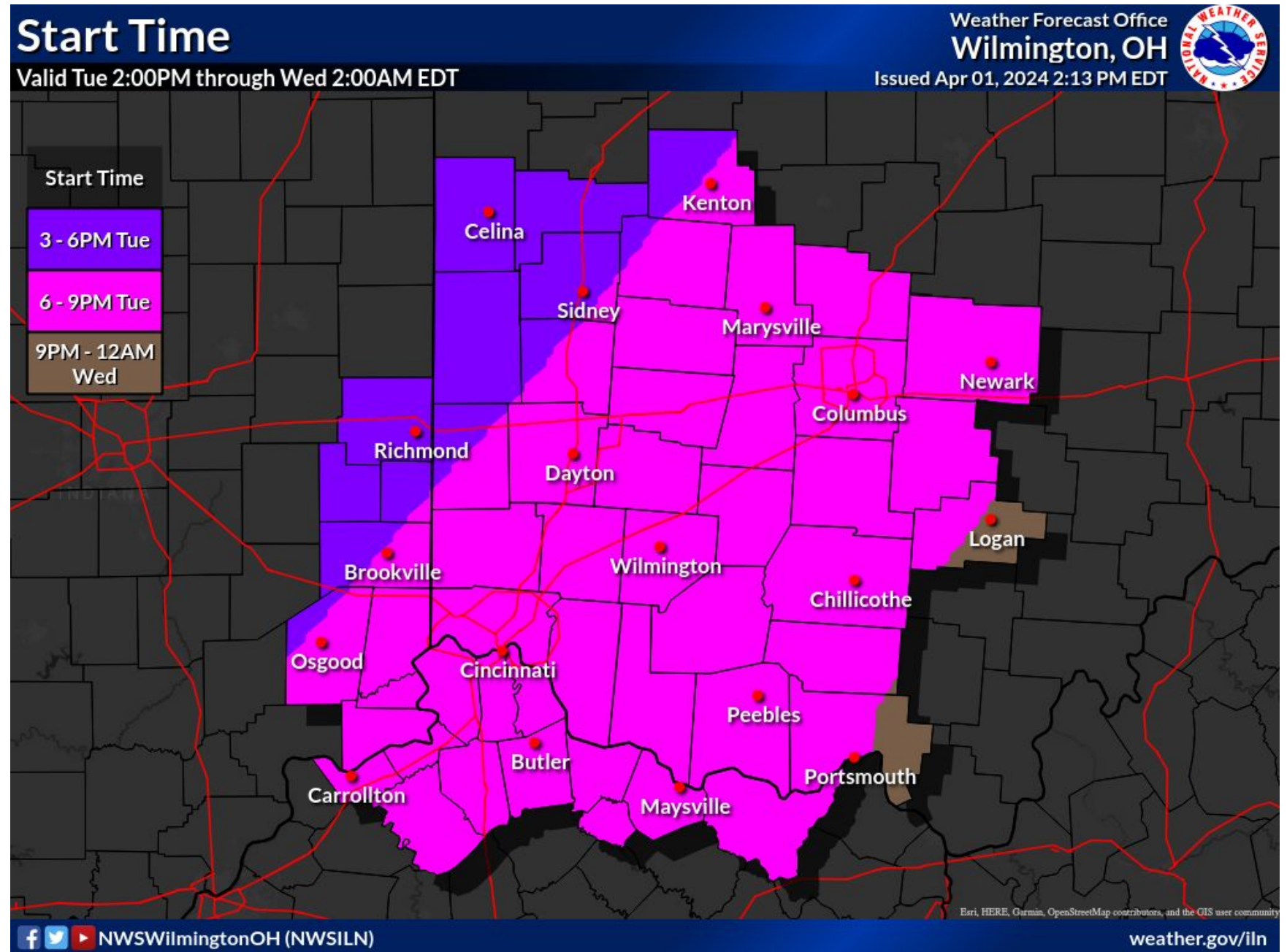




Severe Weather Timing - Tuesday

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This graphic is designed to highlight the arrival time for thunderstorms which are expected to pose a significant hazardous threat. Severe thunderstorms are possible outside of these times.

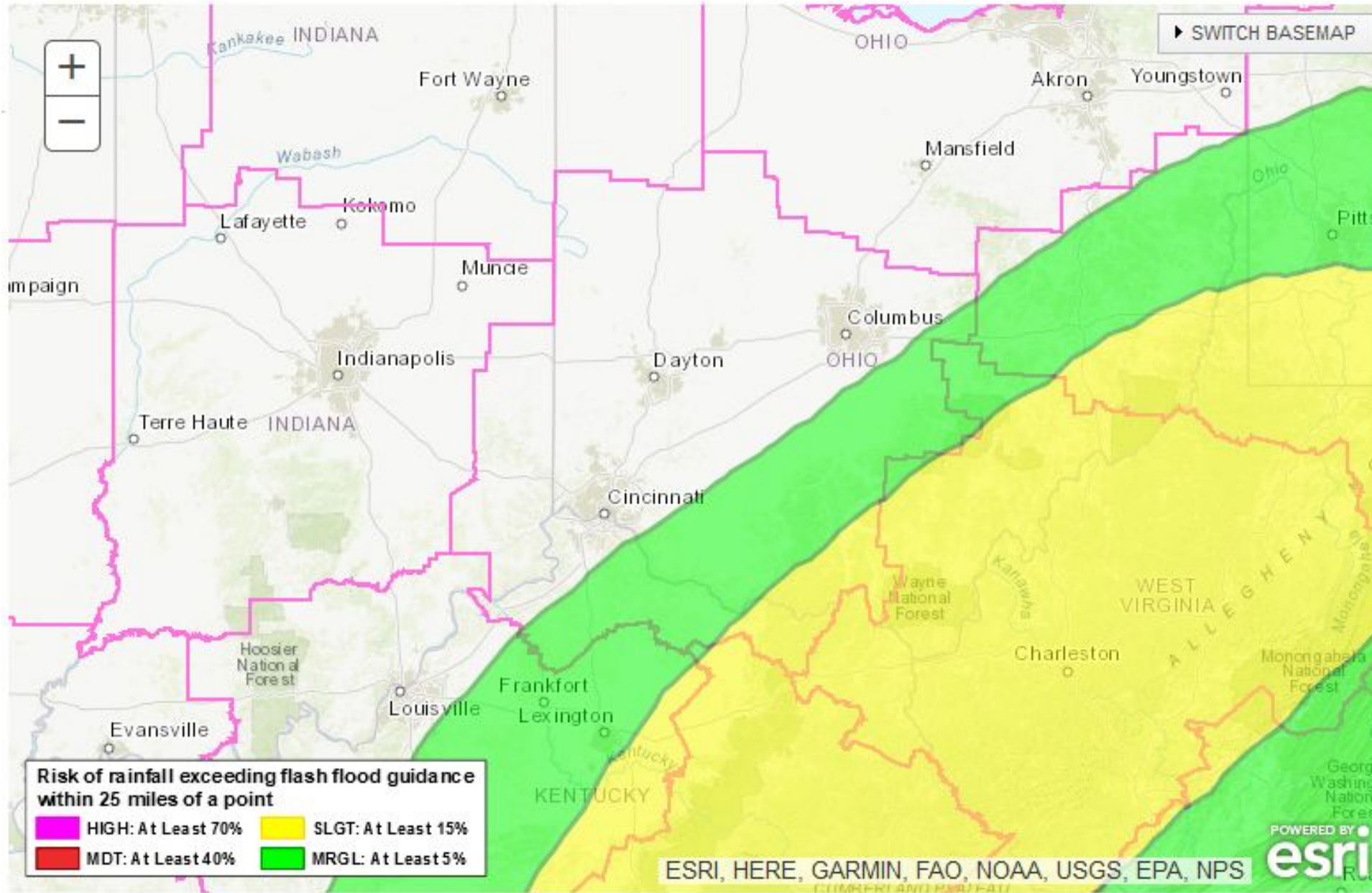




Excessive Rainfall Outlook

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For Tuesday and Tuesday Night





Contact and Next Briefing Information

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For The NWS Wilmington, OH Service Area



NEXT BRIEFING UPDATE BY
6 AM Tuesday April 2



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