



# Severe Storms To Round Out The Week

May 15, 2025  
10:00 AM

## Multiple Rounds of Storms Are Expected Through Friday Night

### Decision Support Briefing

→ As of 10 AM May 15, 2025

#### **NEW** Important Updates

- Mainly quiet today, but isolated strong to severe storms are possible this afternoon near the NE mtns and E panhandle - damaging winds and hail risk
- Second round as early as late overnight tonight - mainly a hail risk, mainly north of I-64
- Third round possible just after daybreak Friday, mainly south of I-64 - hail and damaging wind risk
- Main round of severe weather is expected Friday night - all severe hazards are possible
  - ◆ Some significant (75+ mph) wind gusts are possible, especially west
  - ◆ The more substantial tornado threat will remain over the Lower Ohio Valley, but can't rule out some brief spin-ups within a line of convection



Current Watches, Warnings, and Advisories





- Flood Warning
- Flood Warning
- Dense Fog Advisory





# Main Points

May 15, 2025  
10:00 AM

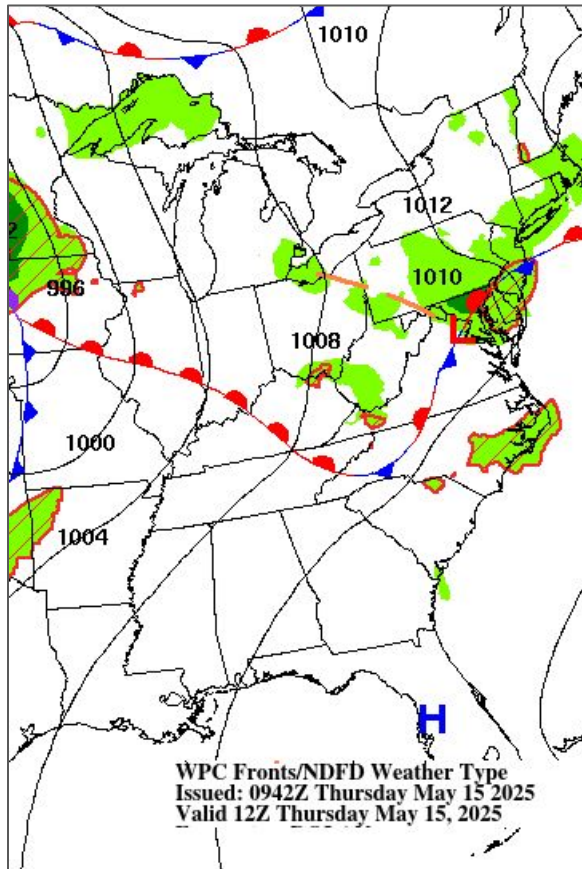
Hazard	Impacts	Location	Timing
<b>Damaging Wind Gusts</b> 	Strong winds may down trees, cause power outages, and/or property damage	All	Multiple instances Tonight through Friday night - Most substantial threat comes Friday night
<b>Tornadoes</b> 	Damage to structures possible	Highest risk across SE OH, W WV, SW VA and NE KY	Friday Evening
<b>Flooding / Flash Flooding</b> 	Rises possible on small creeks and streams. Rain may lead to localized flooding in poor drainage or low-lying areas.	All	Mainly Friday night, but isolated instances are possible starting this evening where soils are already saturated
<b>Hail</b> 	Damage to property possible with large hail	All	Multiple instances Tonight through Friday night



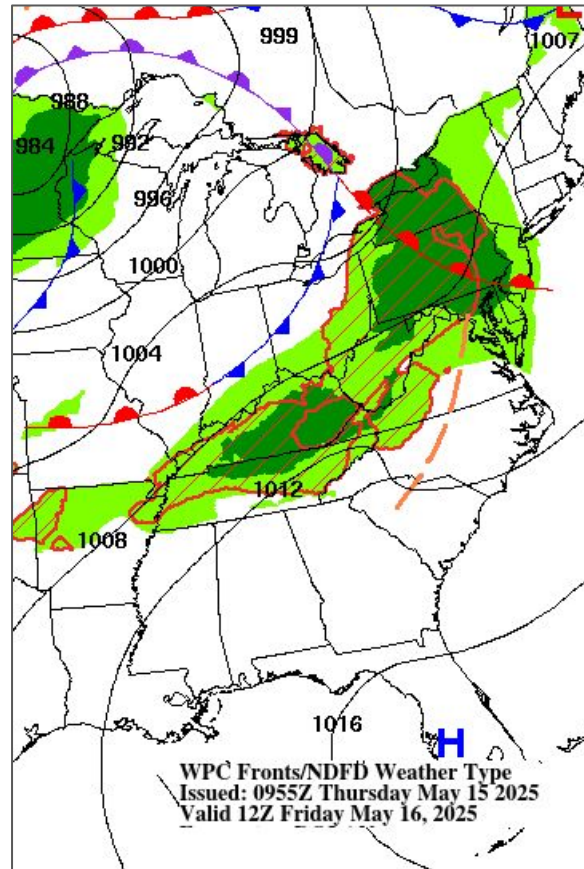


# Outlook

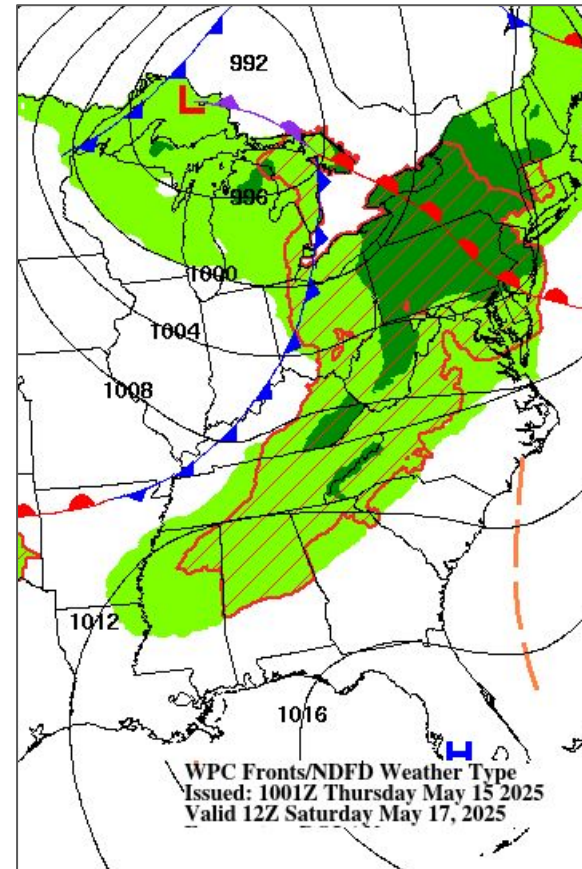
May 15, 2025  
10:00 AM



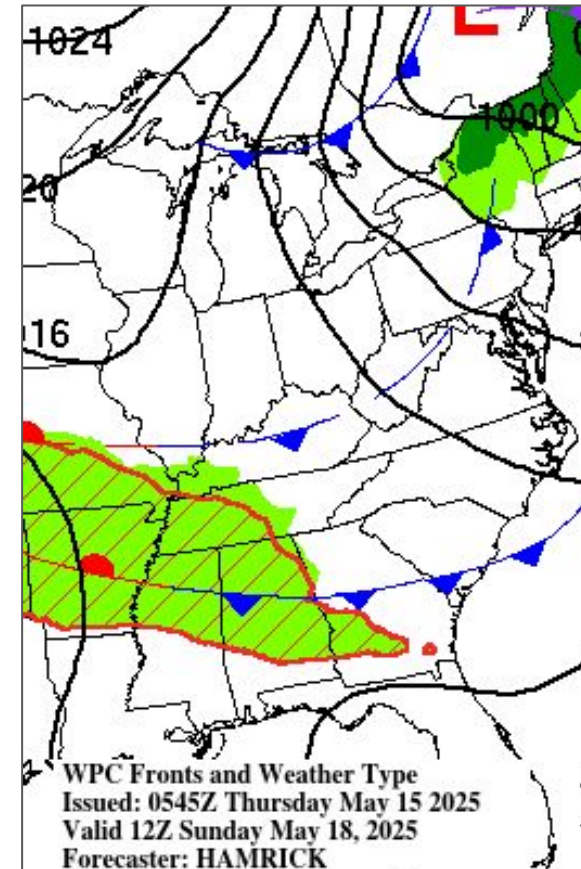
Today



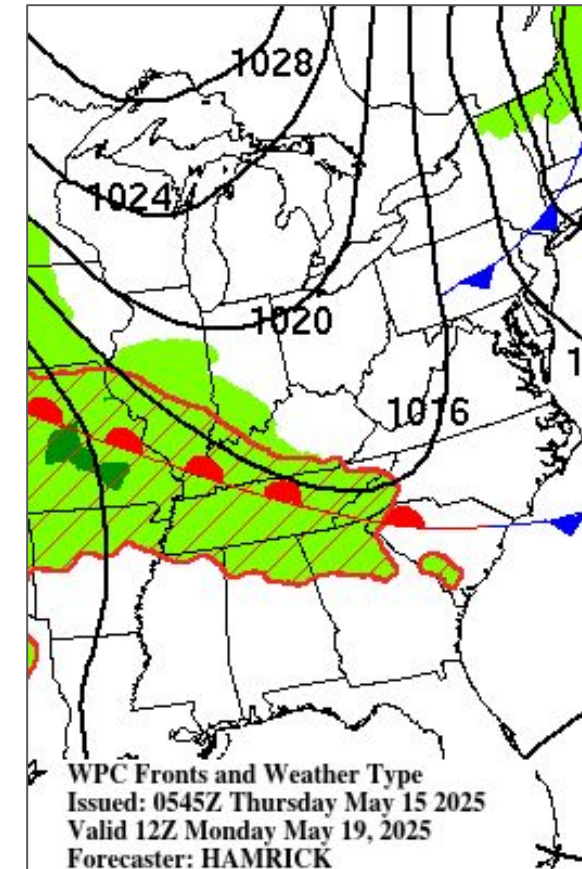
Fri



Sat



Sun



Mon





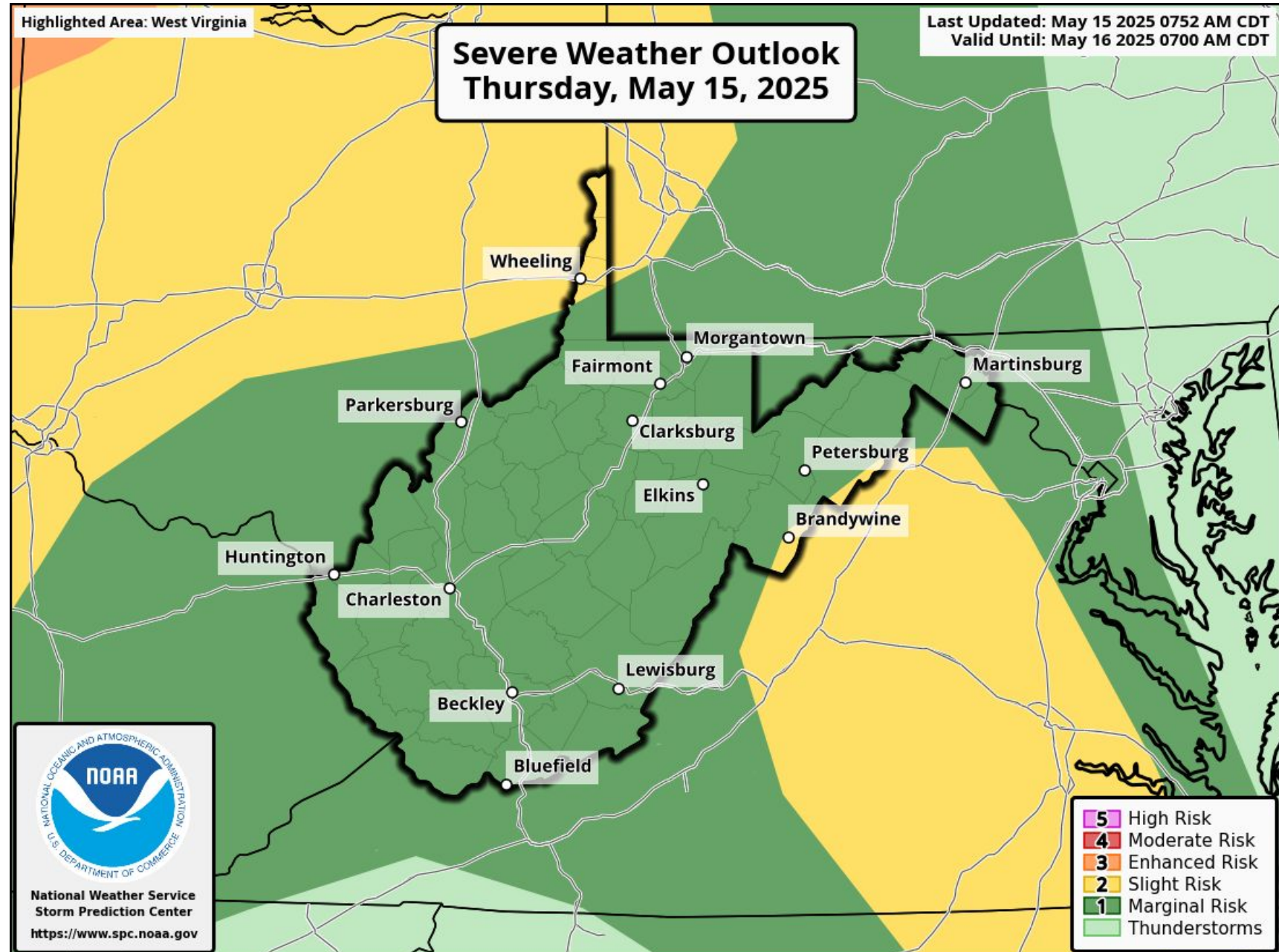
# Severe Weather Outlook

May 15, 2025  
10:00 AM

Day 1 Outlook (Today)

## Key Points:

- Afternoon/evening activity possible in NE Mountains and E Panhandle
  - ◆ Isolated damaging wind/hail
- Late evening
  - ◆ Mainly a hail threat
- Early Friday morning
  - ◆ Damaging wind/large hail



## Timing

2 PM to 3 AM Today

## Coverage

Isolated

**Scattered**

Numerous

Widespread



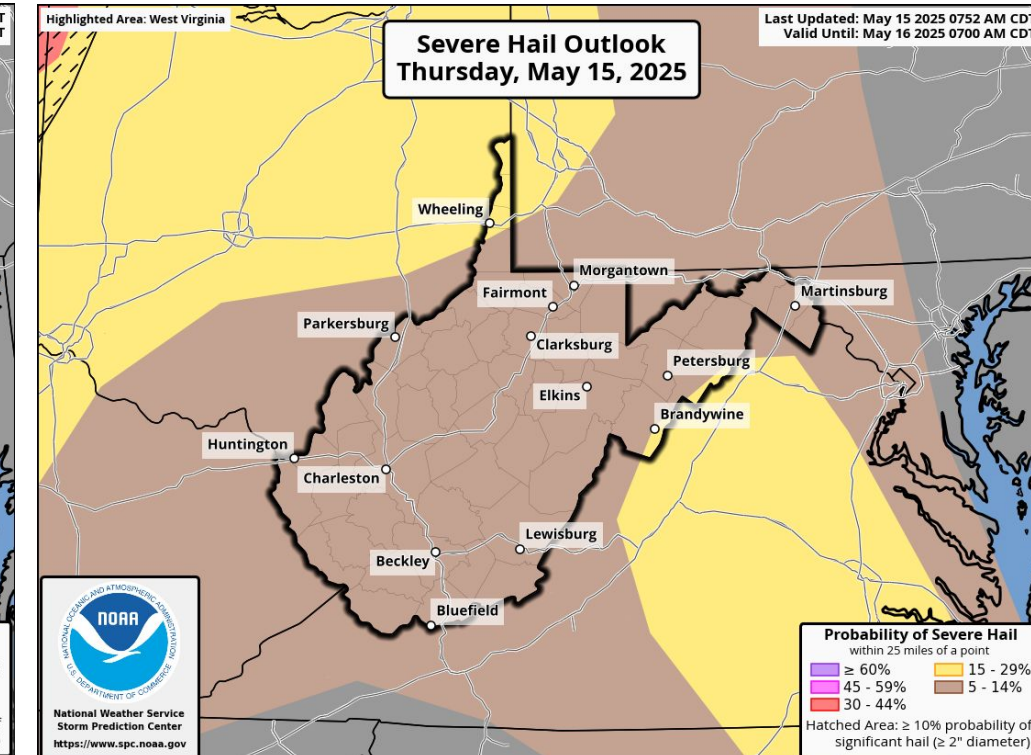
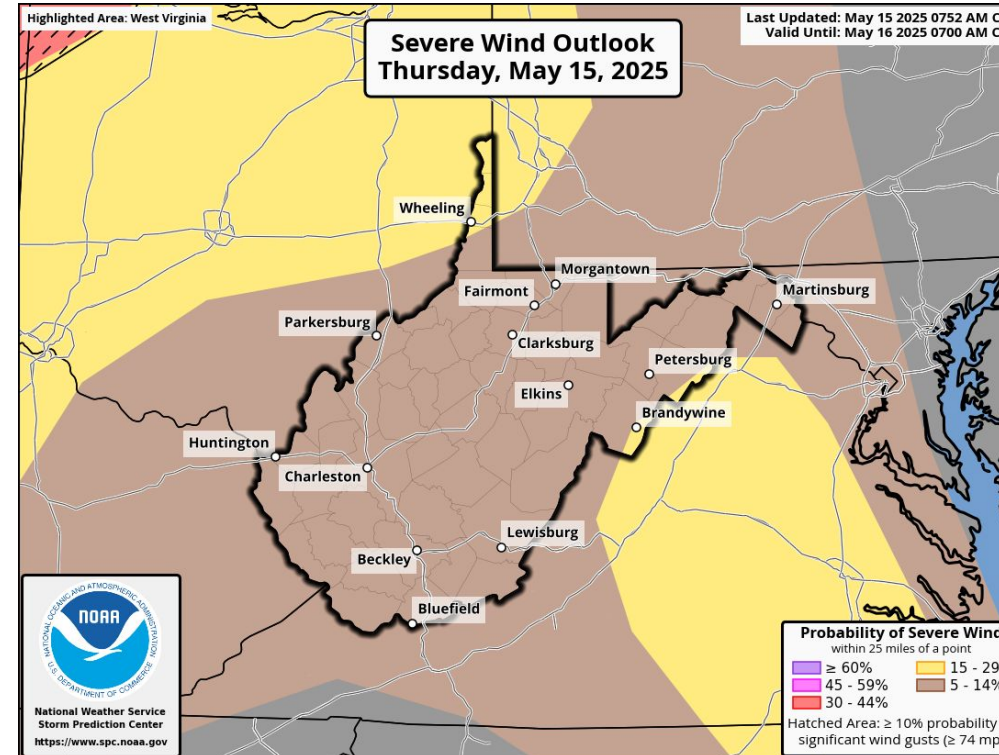
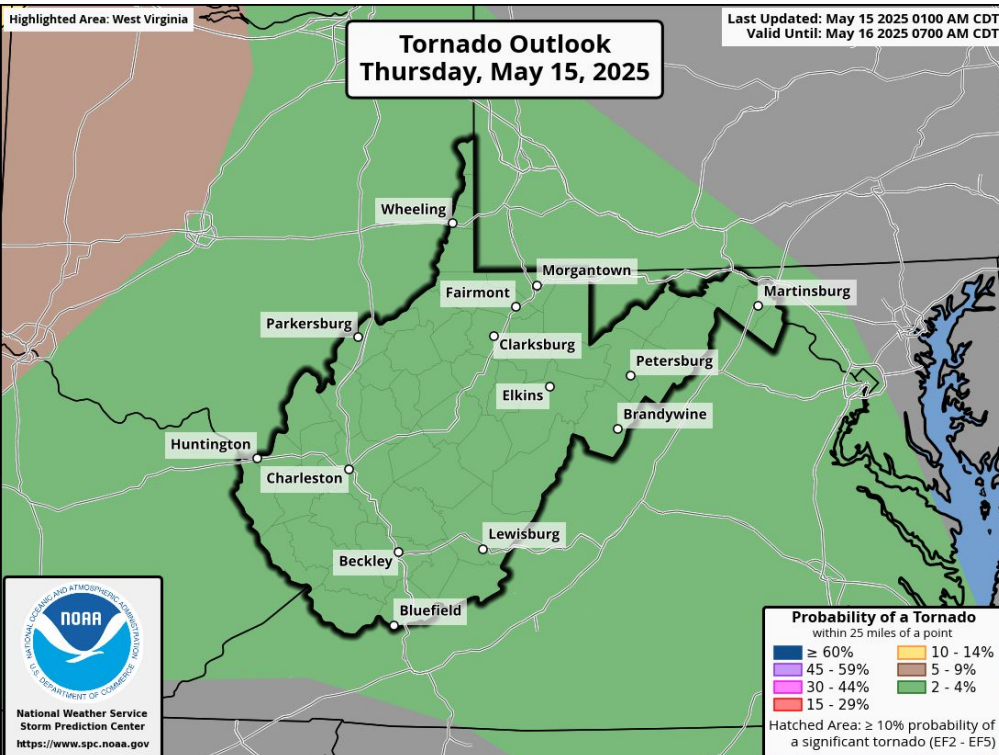




# Severe Weather Outlook

May 15, 2025  
10:00 AM

## Day 1 - Tornado, Wind & Hail Outlooks



### Tornado Probability within 25 miles of a point

- 2-4%
- 5-9%
- 10-14%
- 15-29%
- 30-44%
- 45-59%
- ≥ 60%

Hatched Area  
≥ 10% probability of a significant tornado (EF2-EF5)

### Severe Wind Probability within 25 miles of a point

- 5-14%
- 15-29%
- 30-44%
- 45-59%
- ≥ 60%

Hatched Area  
≥ 10% probability of significant wind gusts (≥ 74 mph)

### Severe Hail Probability within 25 miles of a point

- 5-14%
- 15-29%
- 30-44%
- 45-59%
- ≥ 60%

Hatched Area  
≥ 10% probability of significant hail (≥ 2" diameter)





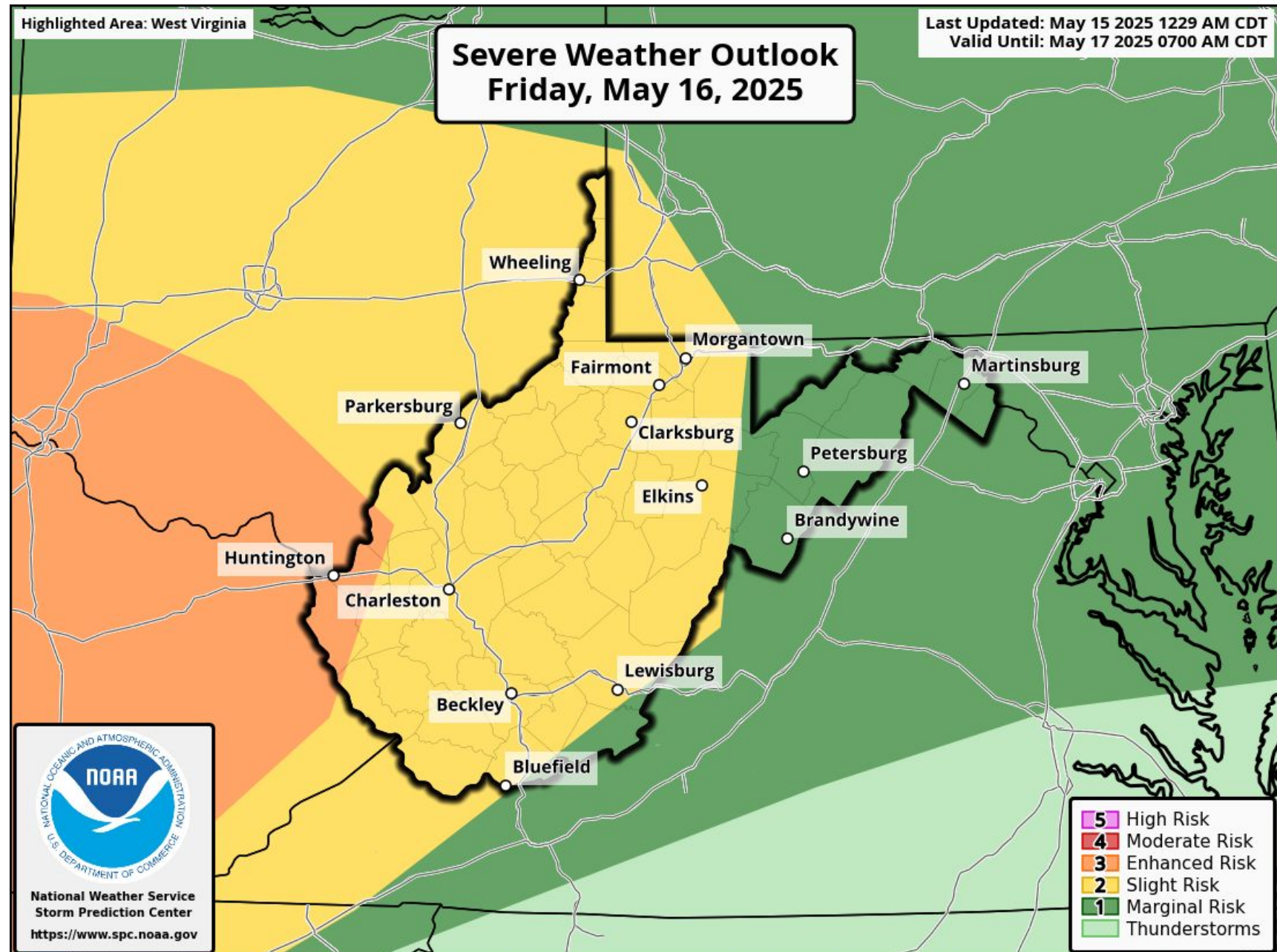
# Severe Weather Outlook

May 15, 2025  
10:00 AM

## Day 2 Outlook (Tomorrow)

### Key Points:

- The environment will support a higher end severe risk Friday, especially Friday night
- Some question as to extent of early activity, storm mode and storm coverage
- All severe modes are possible
  - ◆ Most substantial risk appears to be damaging wind gusts Friday night, some of which could be significant (75+mph)
- Potential for an outlook upgrade as we approach this event
- Have a plan and remain weather aware!



### Timing

Midnight to Noon & 6 PM to 6 AM Saturday

### Coverage

Isolated

Scattered

Numerous

Widespread



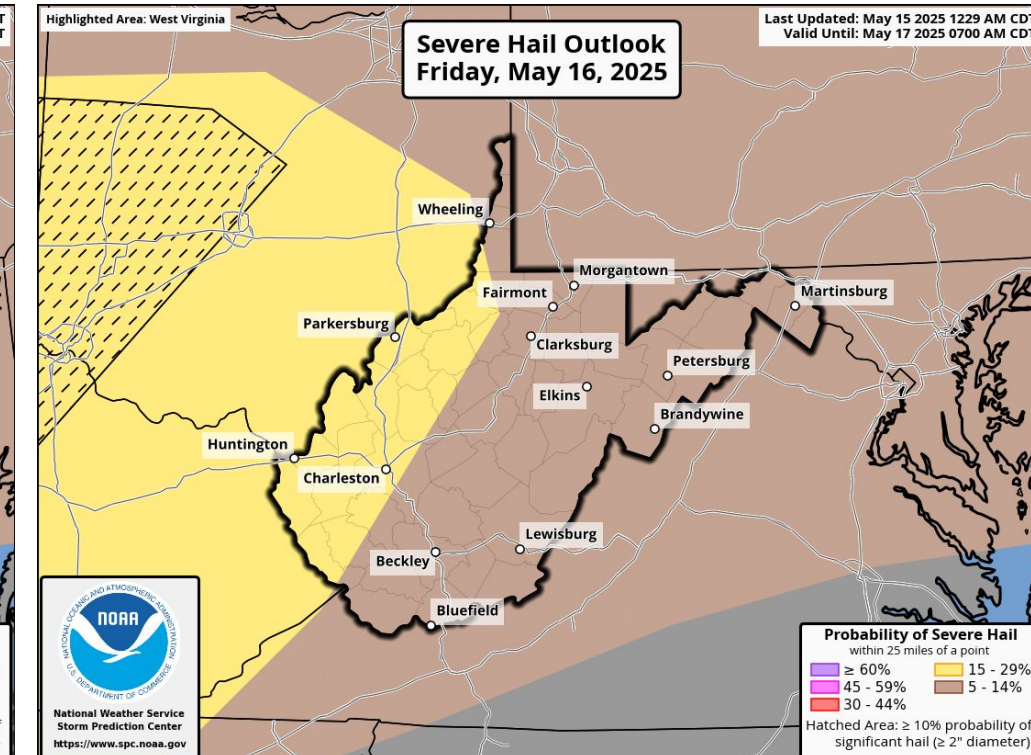
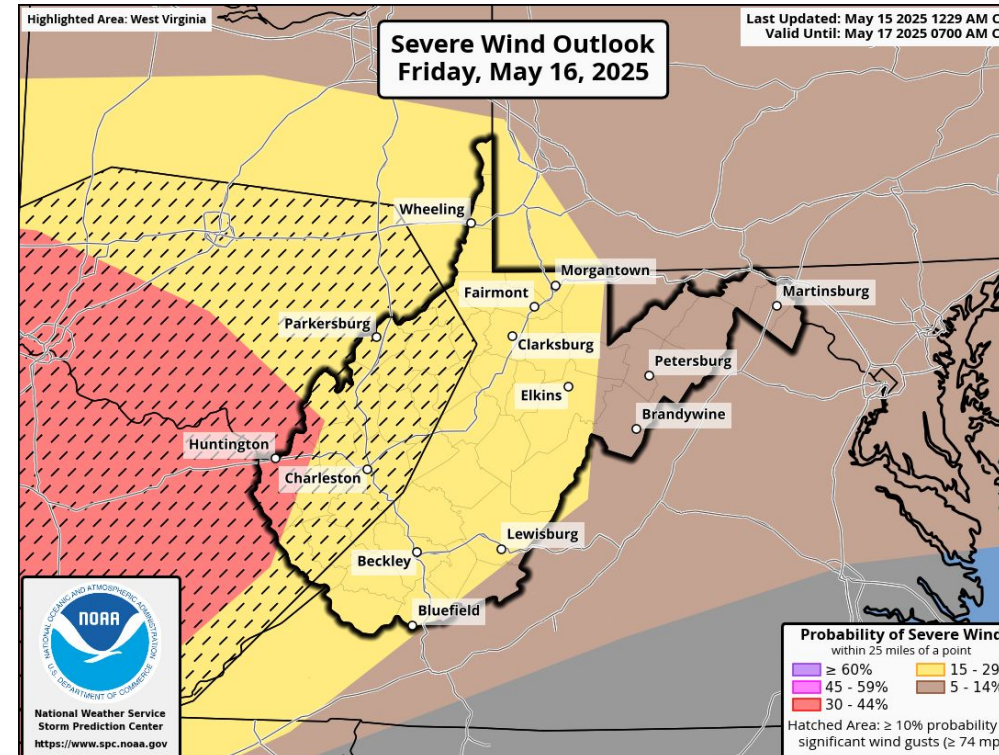
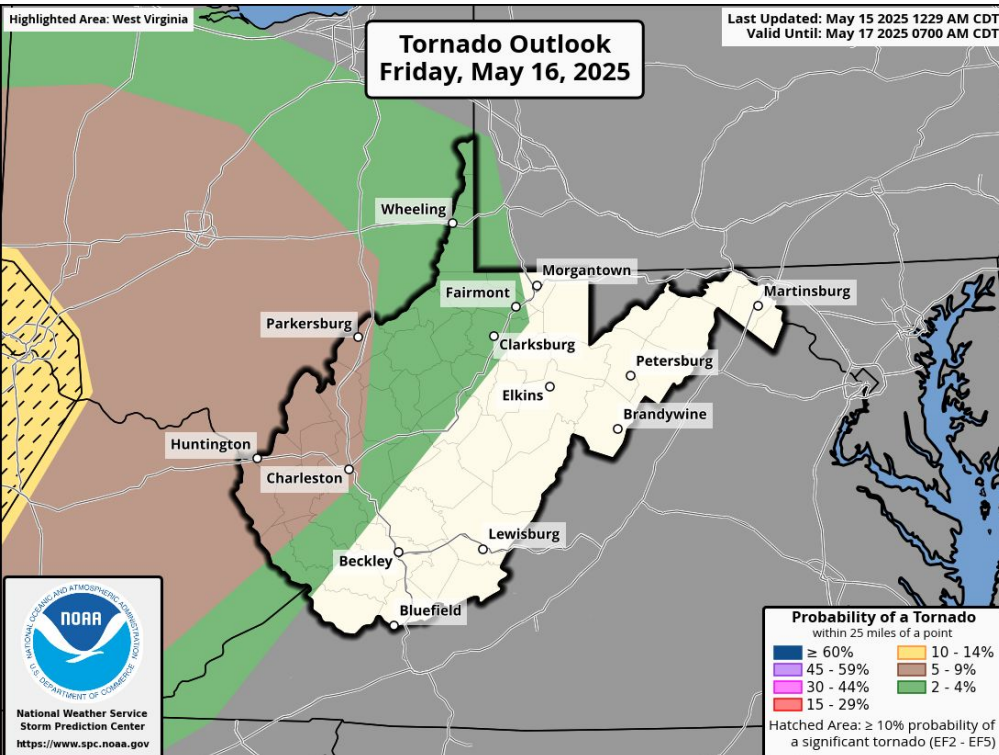




# Severe Weather Outlook

May 15, 2025  
10:00 AM

## Day 2 - Tornado, Wind & Hail Outlooks



### Tornado Probability within 25 miles of a point

2-4%	30-44%	<u>Hatched Area</u> ≥ 10% probability of a significant tornado (EF2-EF5)
5-9%	45-59%	
10-14%	≥ 60%	
15-29%		

### Severe Wind Probability within 25 miles of a point

5-14%	45-59%	<u>Hatched Area</u> ≥ 10% probability of significant wind gusts (≥ 74 mph)
15-29%	≥ 60%	
30-44%		

### Severe Hail Probability within 25 miles of a point

5-14%	45-59%	<u>Hatched Area</u> ≥ 10% probability of significant hail (≥ 2" diameter)
15-29%	≥ 60%	
30-44%		





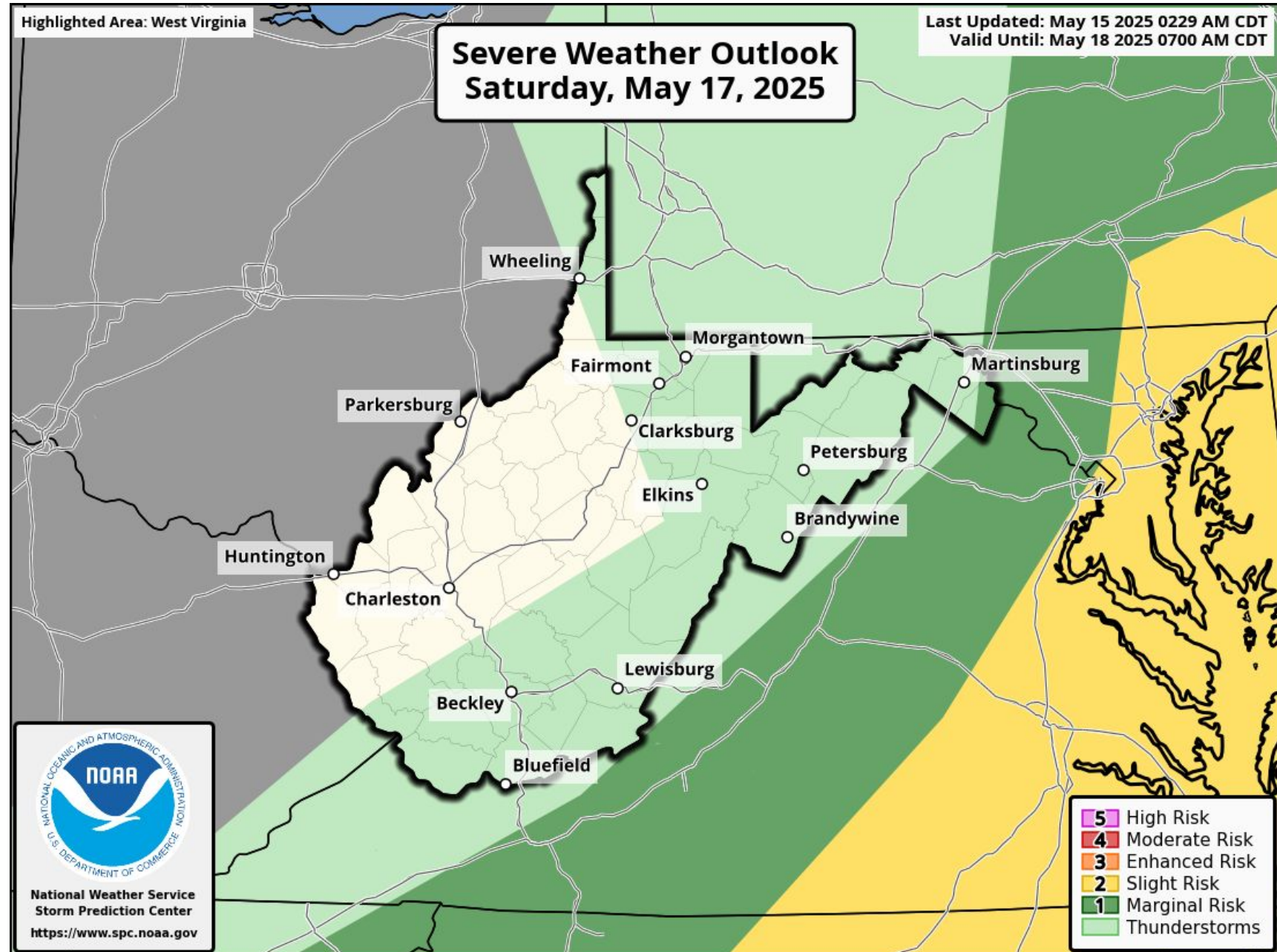
# Severe Weather Outlook

May 15, 2025  
10:00 AM

## Day 3 Outlook

### Key Points:

→ Severe storms exit east Saturday morning







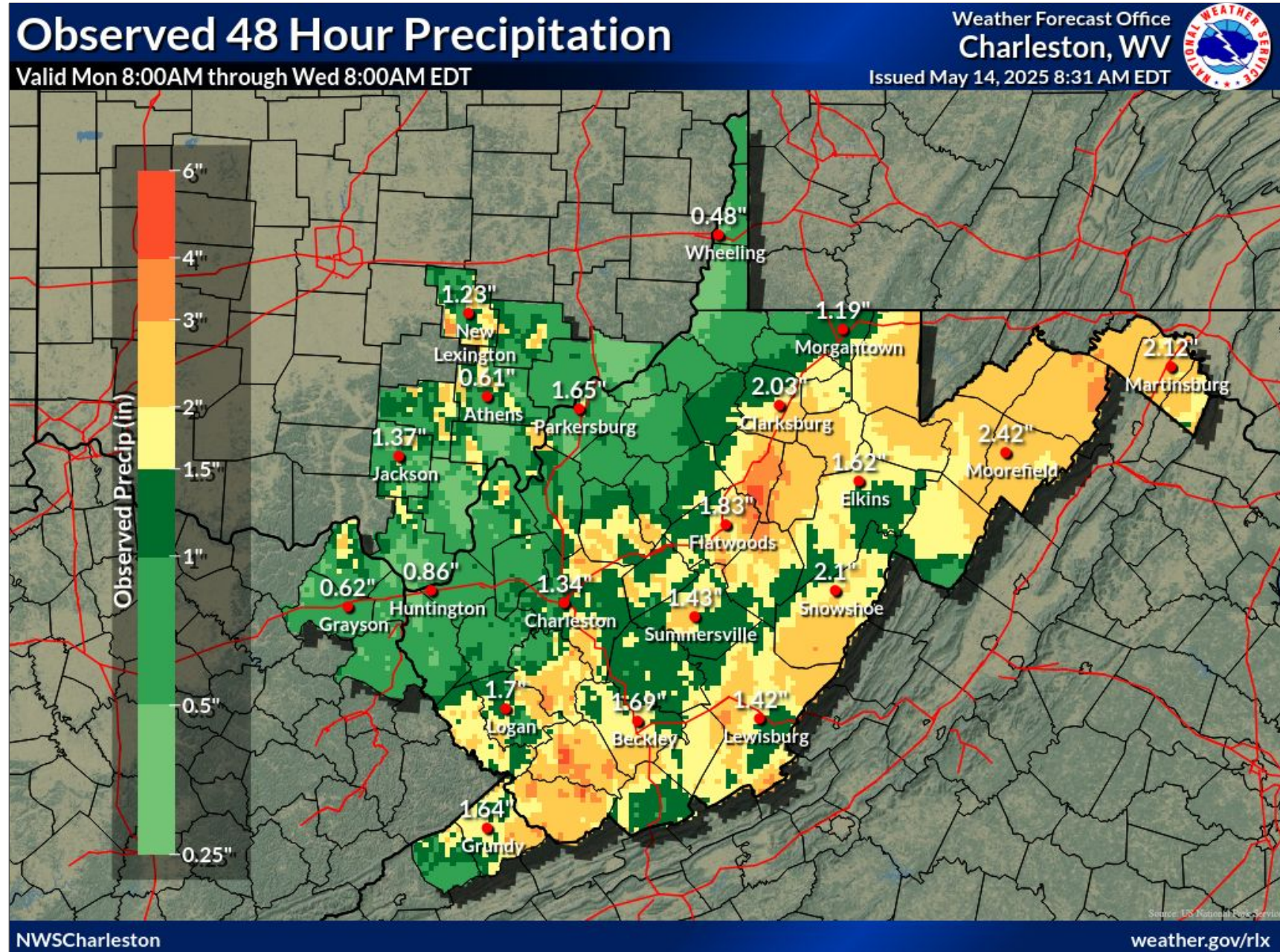
# Precipitation: Past 48 Hours\*

May 15, 2025  
10:00 AM

\*Data is radar estimated

## Key Points:

- Antecedent conditions are quite wet, especially along the higher terrain into the E Panhandle







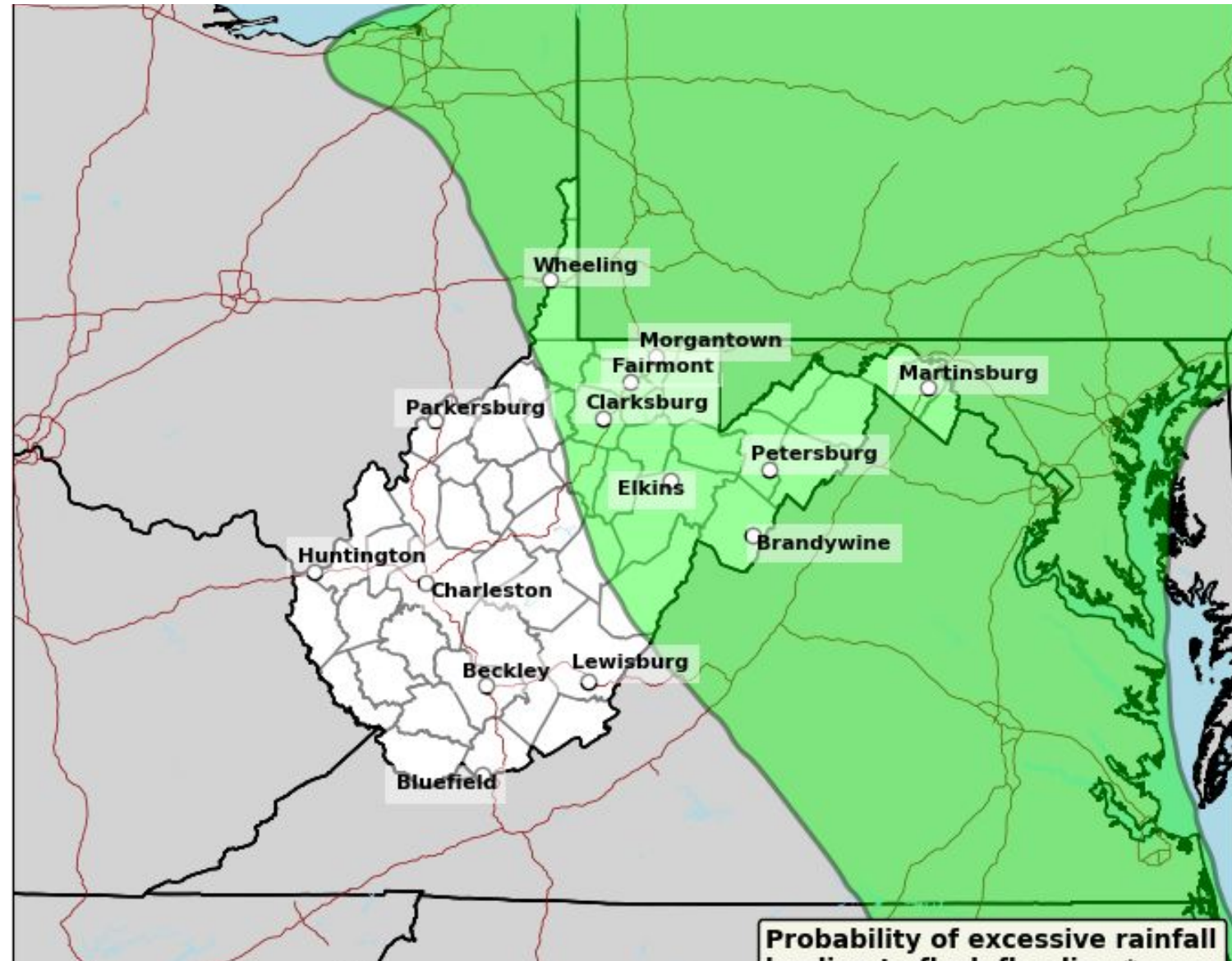
# Excessive Rainfall Outlook

May 15, 2025  
10:00 AM

Day 1 Outlook (Today)

## Key Points:

- Isolated issues possible if a heavier downpour gets over already saturated soils







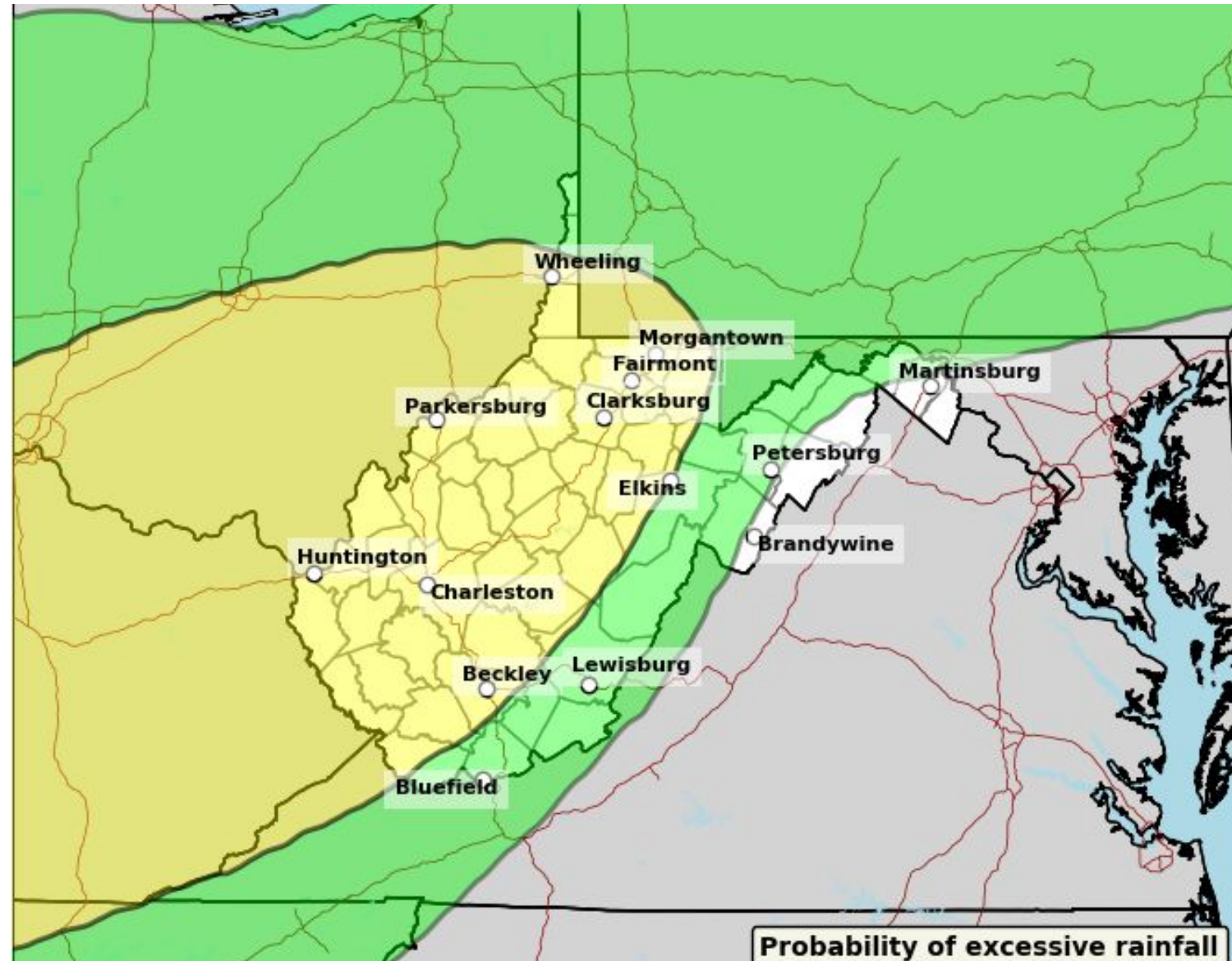
# Excessive Rainfall Outlook

May 15, 2025  
10:00 AM

Day 2 Outlook (Tomorrow)

## Key Points:

- Heaviest rain will fall around the Tri-State where recent rainfall has not been as heavy - still some high water issues possible
- Elsewhere where soils are wet, lesser rainfall amounts are expected, but less rainfall is also required for impacts





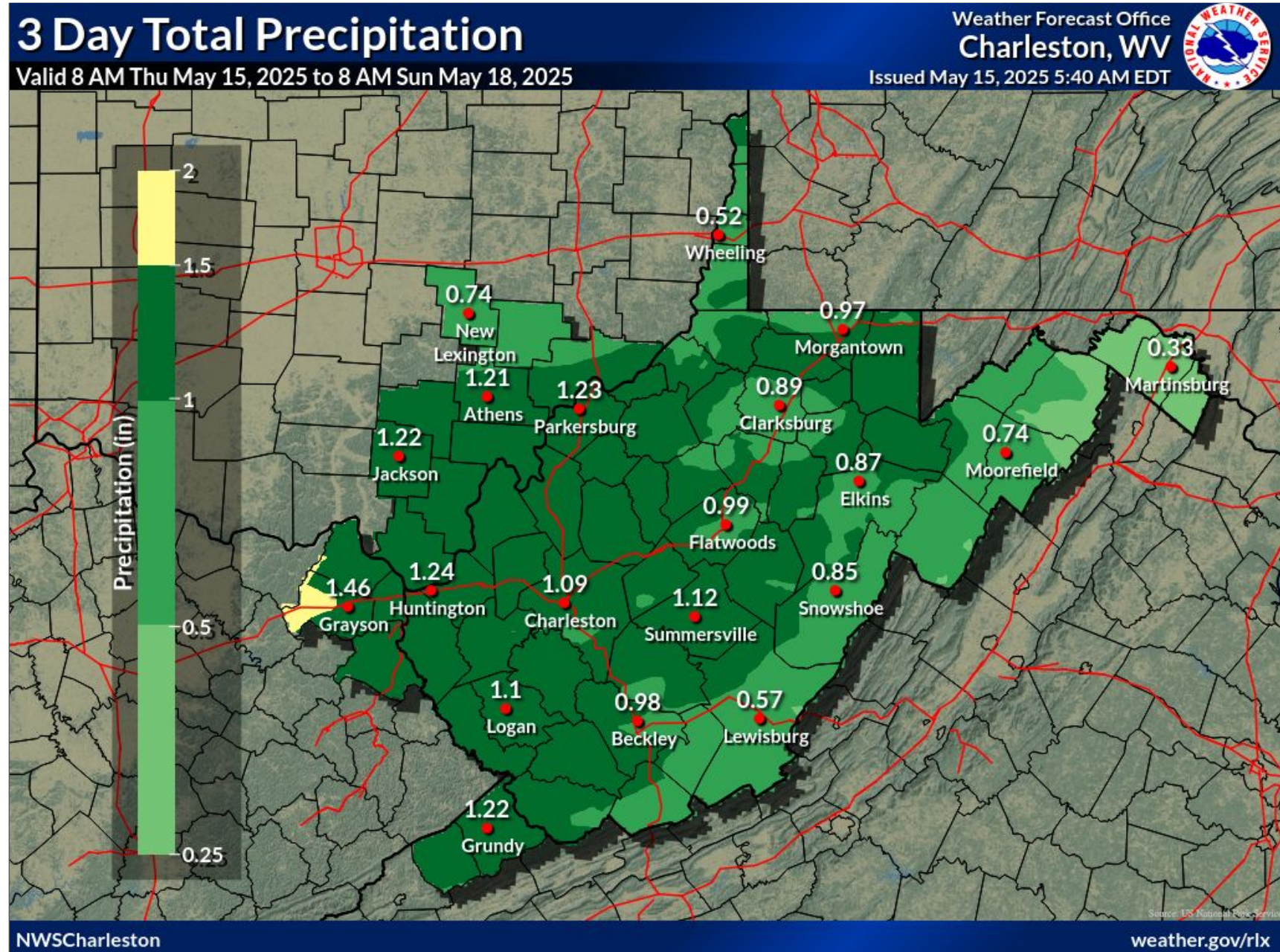


# Rainfall Outlook

May 15, 2025  
10:00 AM

## Key Points:

- The heaviest rainfall is expected in the Tri-State where amounts have been lighter over the preceding days







# Hazard Summary

May 15, 2025  
10:00 AM

	Thursday, May 15	Friday, May 16	Saturday, May 17	Sunday, May 18
NE Kentucky	Hail Damaging Winds	Damaging Wind Tornadoes Hail		
SE Ohio	Hail Damaging Wind	Damaging Wind Tornadoes Hail		
SW Virginia	Hail Damaging Wind	Damaging Wind Tornadoes Hail		
West Virginia	Hail Damaging Wind	Damaging Wind Tornadoes Hail		
Eastern Panhandle	Hail Damaging Wind	Damaging Wind Hail		
Northern Panhandle	Hail Damaging Wind	Damaging Wind Tornadoes Hail		

**This outlook depicts timing and magnitude of potential impacts from severe weather including hail, damaging winds, and/or tornadoes.**

**Potential aggravating factors such as time of day, pre-existing conditions, and holiday periods are also taken into consideration.**

Risk Levels

No/None

Limited

Elevated

Significant

Extreme







# Contact & Next Briefing Information

May 15, 2025  
10:00 AM



## Briefing Webpage

→ [weather.gov/rlx/briefing](https://weather.gov/rlx/briefing)



## Next Briefing

- By 10 AM Friday, May 16, 2025
- Method: Google Meet



## Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: May 15, 2025



## Contact Information

### Web

→ [weather.gov/rlx](https://weather.gov/rlx)

### Phone

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