



# Drier and Warmer Weather Starts Today

March 11, 2024  
9:25 AM

Lasts into Mid-Week Ahead of a System to End the Week

## Decision Support Briefing

→ As of 10 AM March 11, 2024

NEW

## Important Updates

- **Wind Advisory** in effect until Noon Today
  - ◆ Higher elevations of the eastern and northern West Virginia mountains, as well as the Eastern Panhandle.
  - ◆ Northwest Winds 25 to 35 mph, with gusts up to 55 mph.
- Drier weather moves in today with high pressure, lasts through Wednesday.
- Low RHs today and Tuesday could lead to elevated fire weather concerns for Tuesday afternoon.
- Warming trend also starts today lasting through the Thursday, with well above normal temperatures expected Wednesday and Thursday.
- Next disturbance moves in late Thursday bringing the chance for rain and thunderstorms into Friday.



## Current Watches, Warnings, and Advisories

- High Wind Warning
- Flood Advisory
- Wind Advisory



Graphic Created  
March 11th, 2024  
8:30 AM EDT





National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Charleston, WV



# Main Points

March 11, 2024  
9:25 AM

Hazard	Impacts	Location	Timing
Fire Weather 	Dry RH values, breezy/gusty winds and low fuel stick moistures increases risk for brush fires.	Mostly across Southern and Central WV and portions of the Eastern Panhandle.	Tuesday Afternoon
Strong Winds 	Strong winds may down trees and cause power outages. Unsecured items may be blown around.	Higher elevations of the Northern and eastern mountains, and eastern panhandle	Through Noon Today

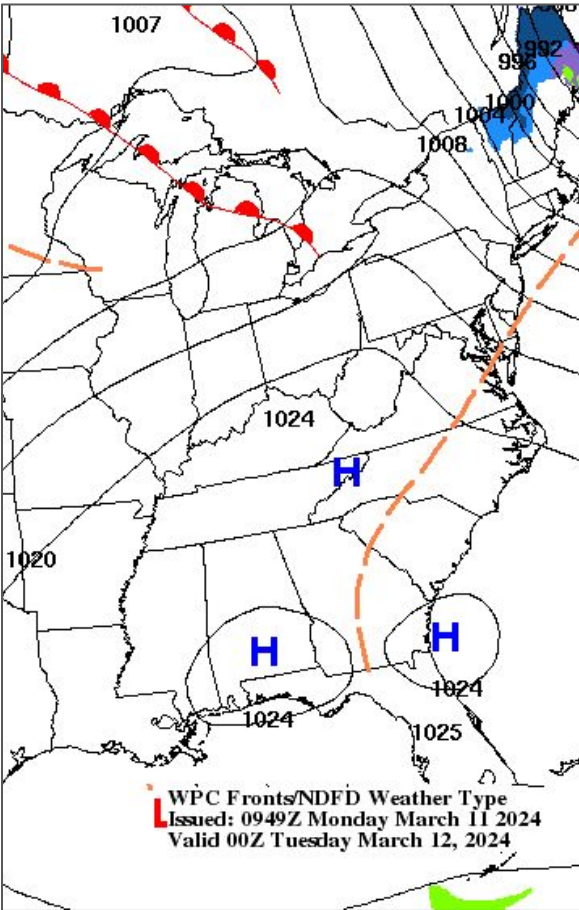




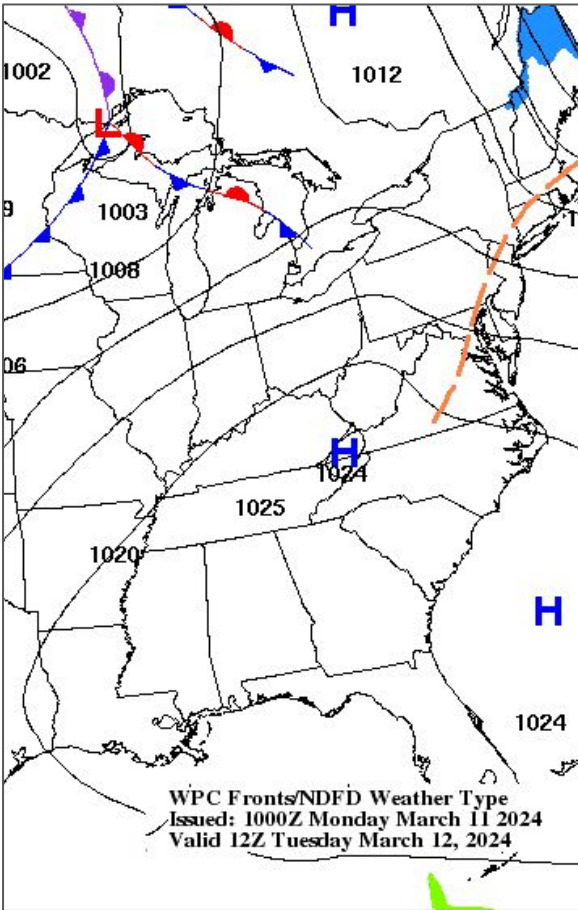


# Outlook

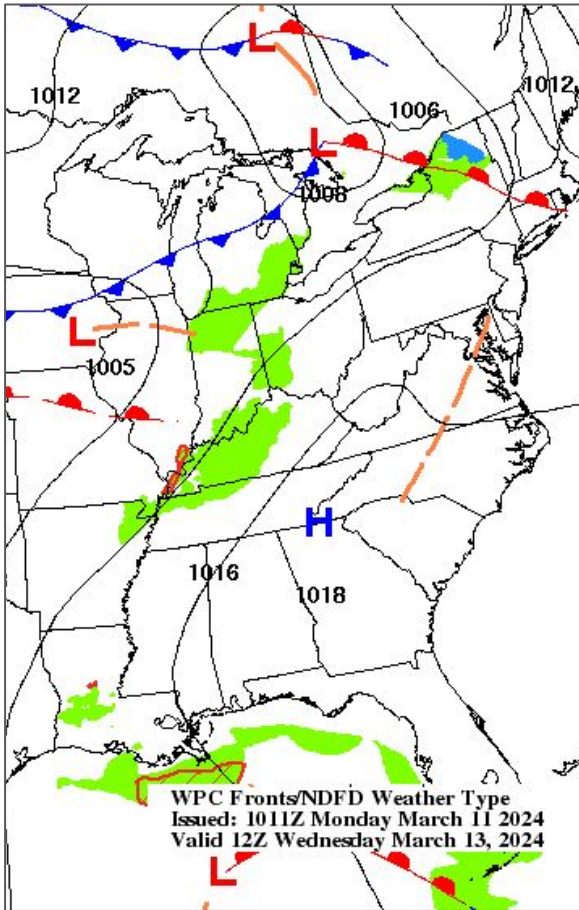
March 11, 2024  
9:25 AM



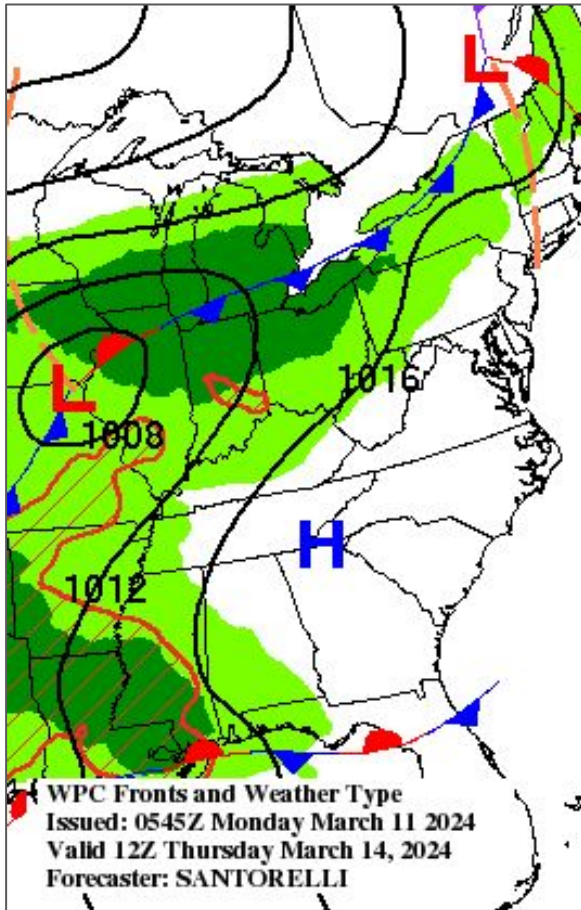
**Today**



**Tues**

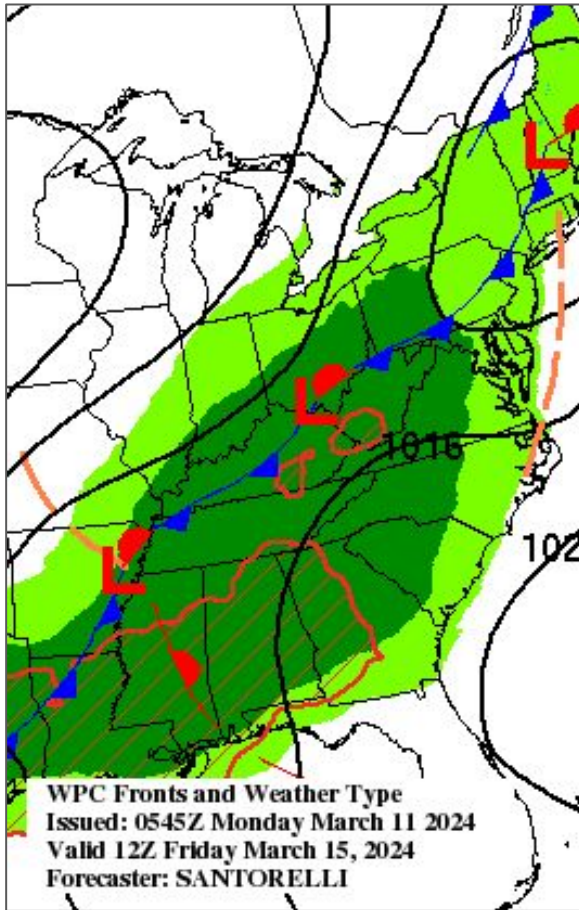


**Wed**



**Thurs**

High pressure still in control early ahead of disturbance.



**Fri**

Rain and thunderstorm chances return Friday with disturbance.











































































































































































# Weather Outlook

March 11, 2024  
9:25 AM

## Key Points

- Drying stretch starts this afternoon through Wednesday.
- Disturbance brings rain chances for some on Thursday.
- Chances for widespread rain showers and a few thunderstorms Friday.

	Weather Forecast																					
	3/11 Mon		3/12 Tue				3/13 Wed				3/14 Thu				3/15 Fri				3/16 Sat			
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm
Athens																						
Beckley																						
Bluefield																						
Charleston																						
Clarksburg																						
Clintwood																						
Elkins																						
Grayson																						
Huntington																						
Lewisburg																						
Marlinton																						
Martinsburg																						
Moorefield																						
Morgantown																						
Parkersburg																						
Snowshoe																						
Sutton																						
Wheeling																						
Williamson																						

Created: 9 am EDT Mon 3/11/2024. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation ≥ 0%.

- Rain + - Thunderstorms +

Created: 9 am EDT Mon 3/11/2024 |







# Expected Wind Gusts

Through This Morning

March 11, 2024  
9:25 AM

## Key Points:

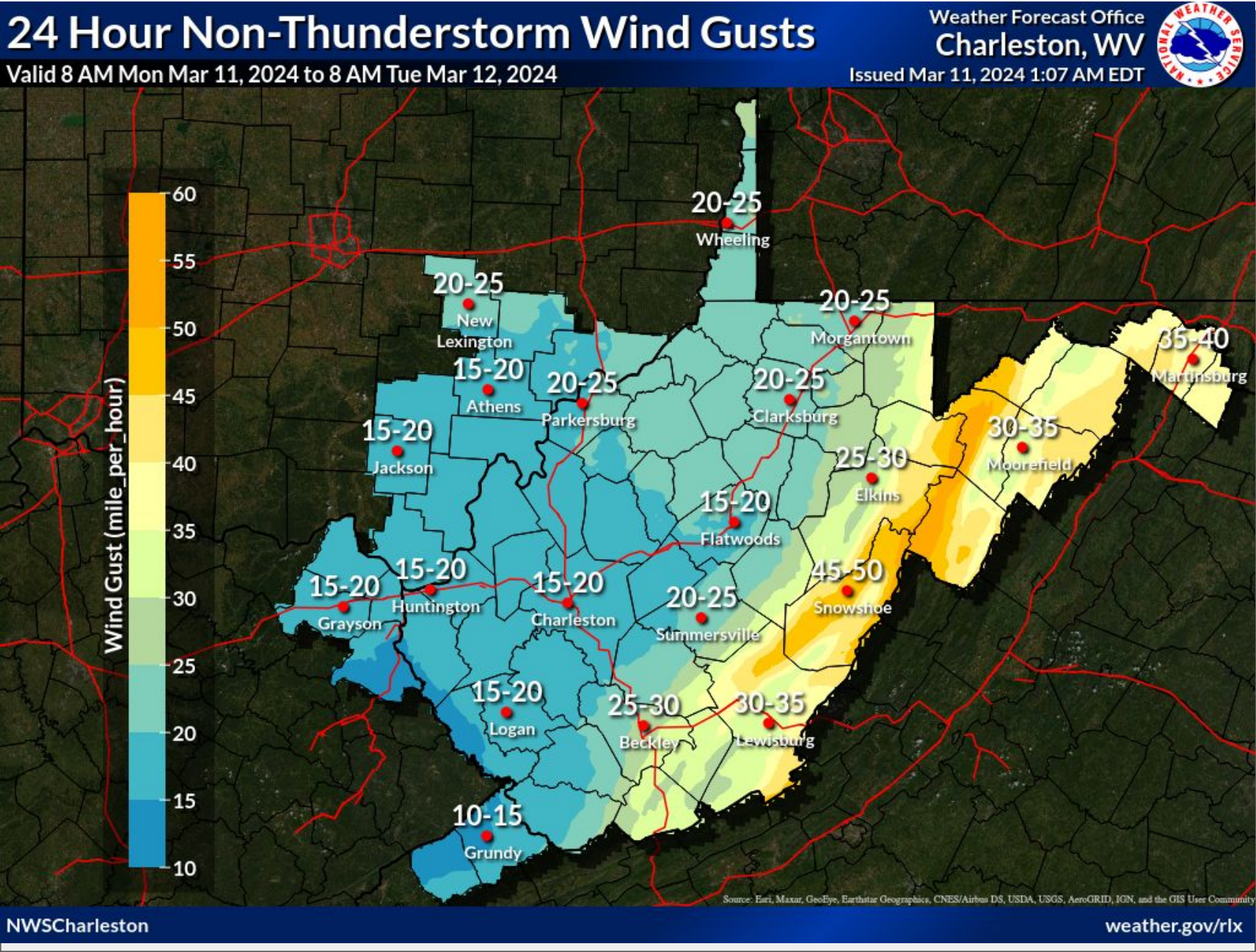
- Strong northwest wind gusts up to 55 mph expected across the higher elevations of the WV mountains, western foothills and the Eastern Panhandle.
- Winds start to diminish early this afternoon.

## Confidence in Wind Gusts

Low

Medium

High





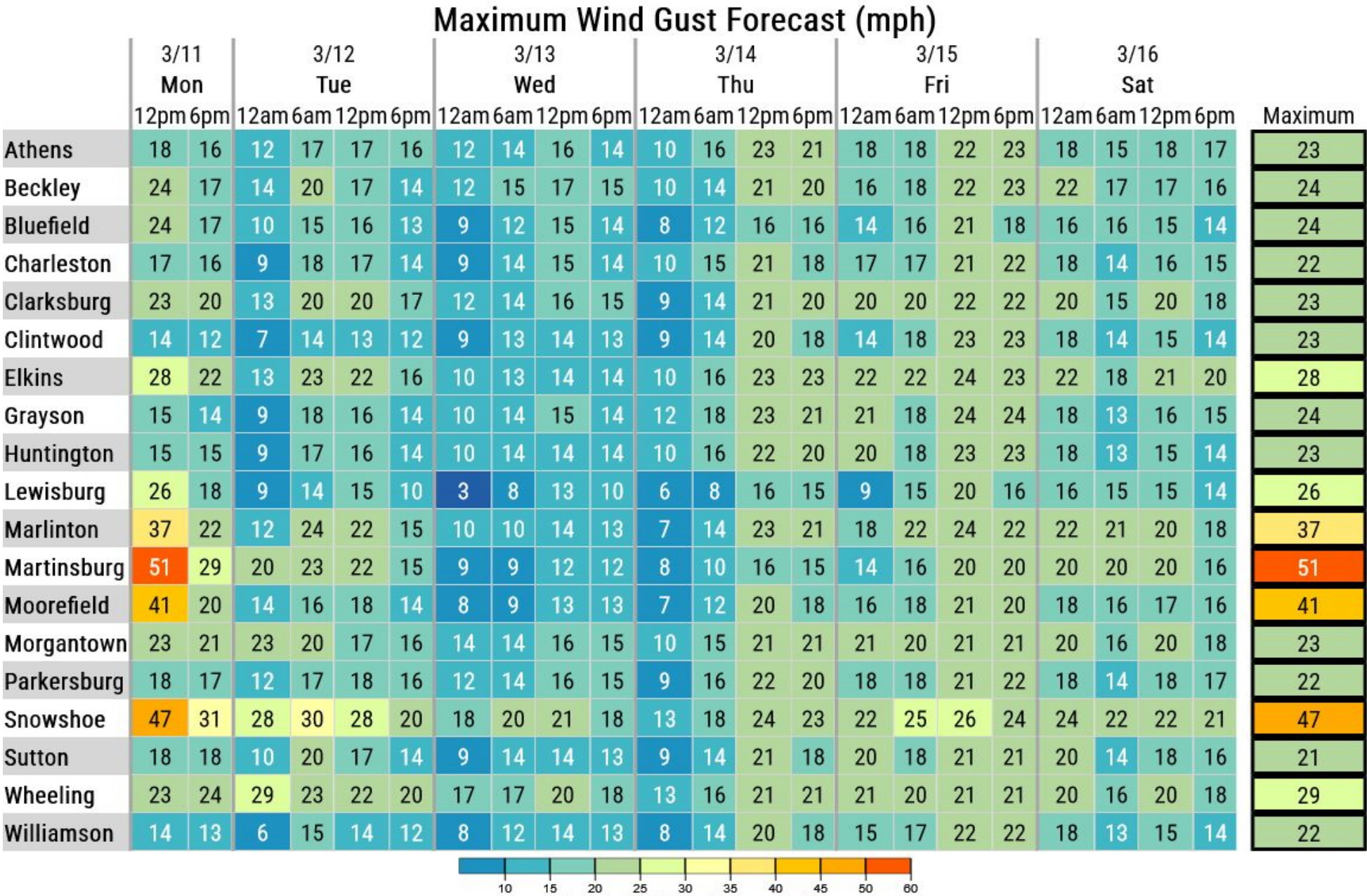


# Wind Forecast

March 11, 2024  
9:25 AM

## Key Points

- Strong NW winds this morning, slacking off this afternoon.
- Winds shift SW overnight under high pressure,
- Dry and warm conditions return to the area as a result.
- Winds could be breezy at times Tuesday afternoon.



Created: 9 am EDT Mon 3/11/2024 | Values are maximums over the period beginning at the time shown.







# Fire Weather Concerns

March 11, 2024  
9:25 AM

Today

## Key Points:

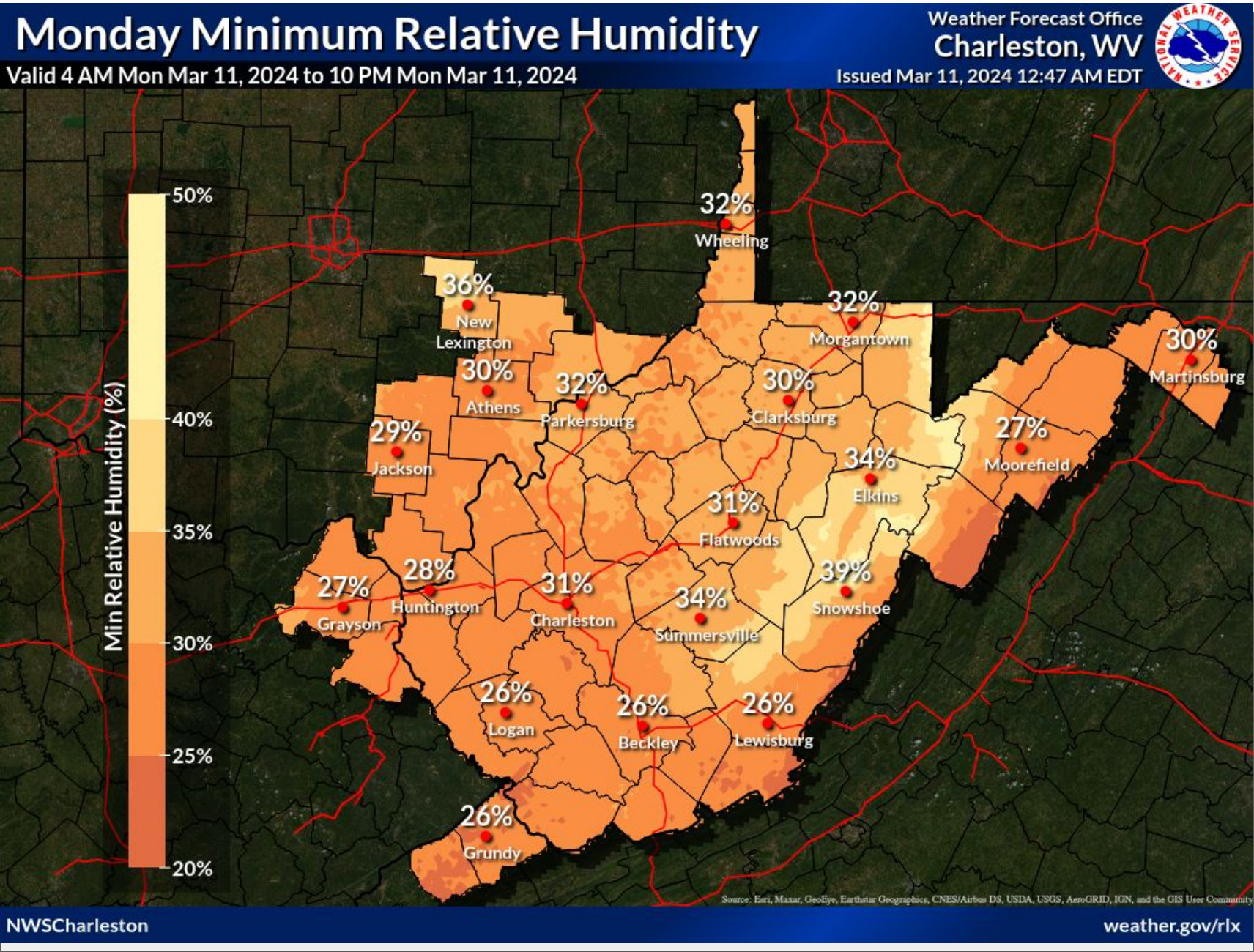
- Low RH percentages (20s and low 30s) expected this afternoon across much of the state.
- Winds will diminish this afternoon, but remain breezy, especially across the mountains.
- Recent moisture likely blunts the fire weather risk for today, but watch for fine fuels drying out quickly.

## Confidence for Fire Weather Conditions

Low

Medium

High







# Fire Weather Concerns

March 11, 2024  
9:25 AM

Tuesday

## Key Points:

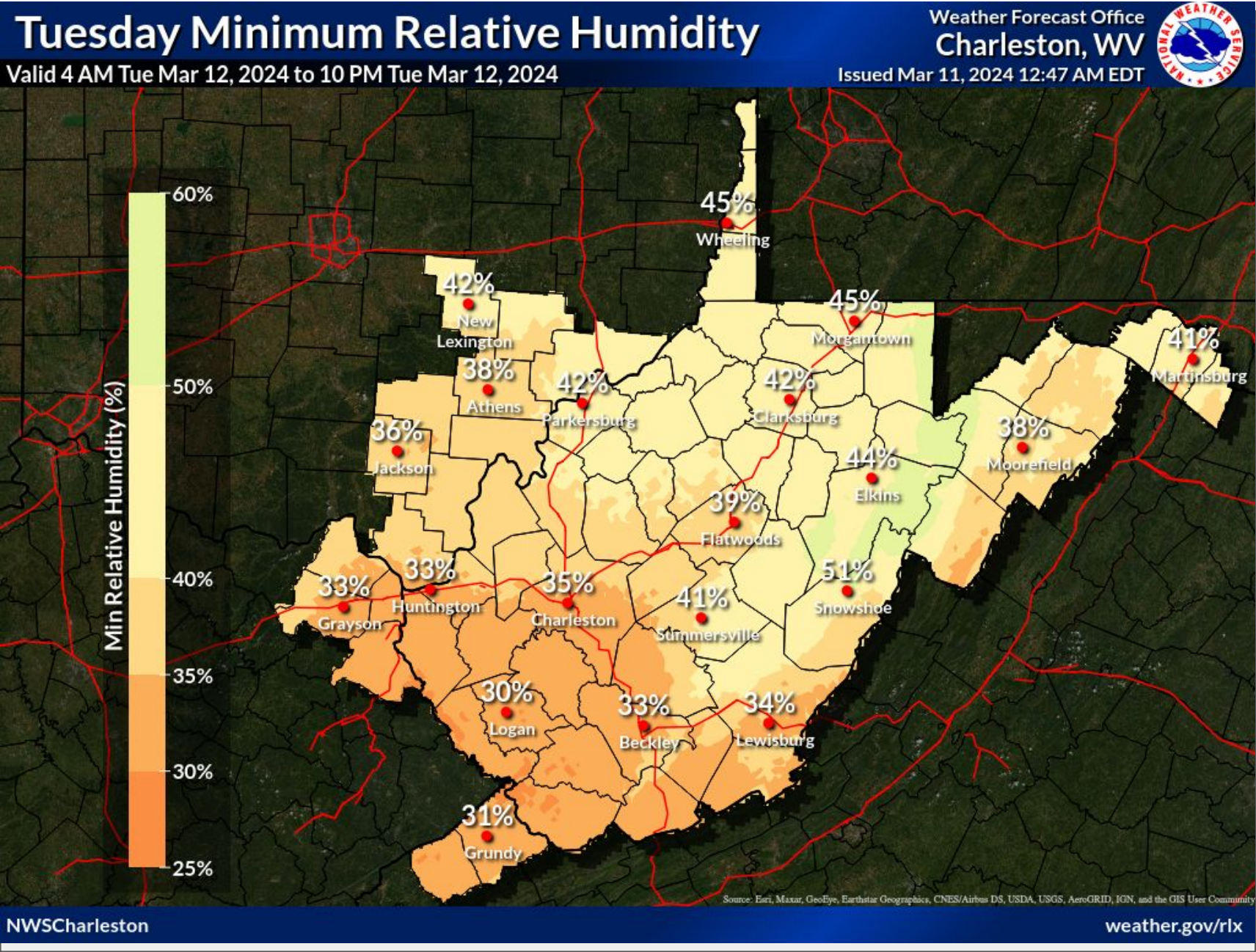
- Winds could be breezy at times in the afternoon.
- Partners will need to watch how much fuels dry out in the dry and breezy conditions today.

## Confidence for Fire Weather Conditions

Low

Medium

High





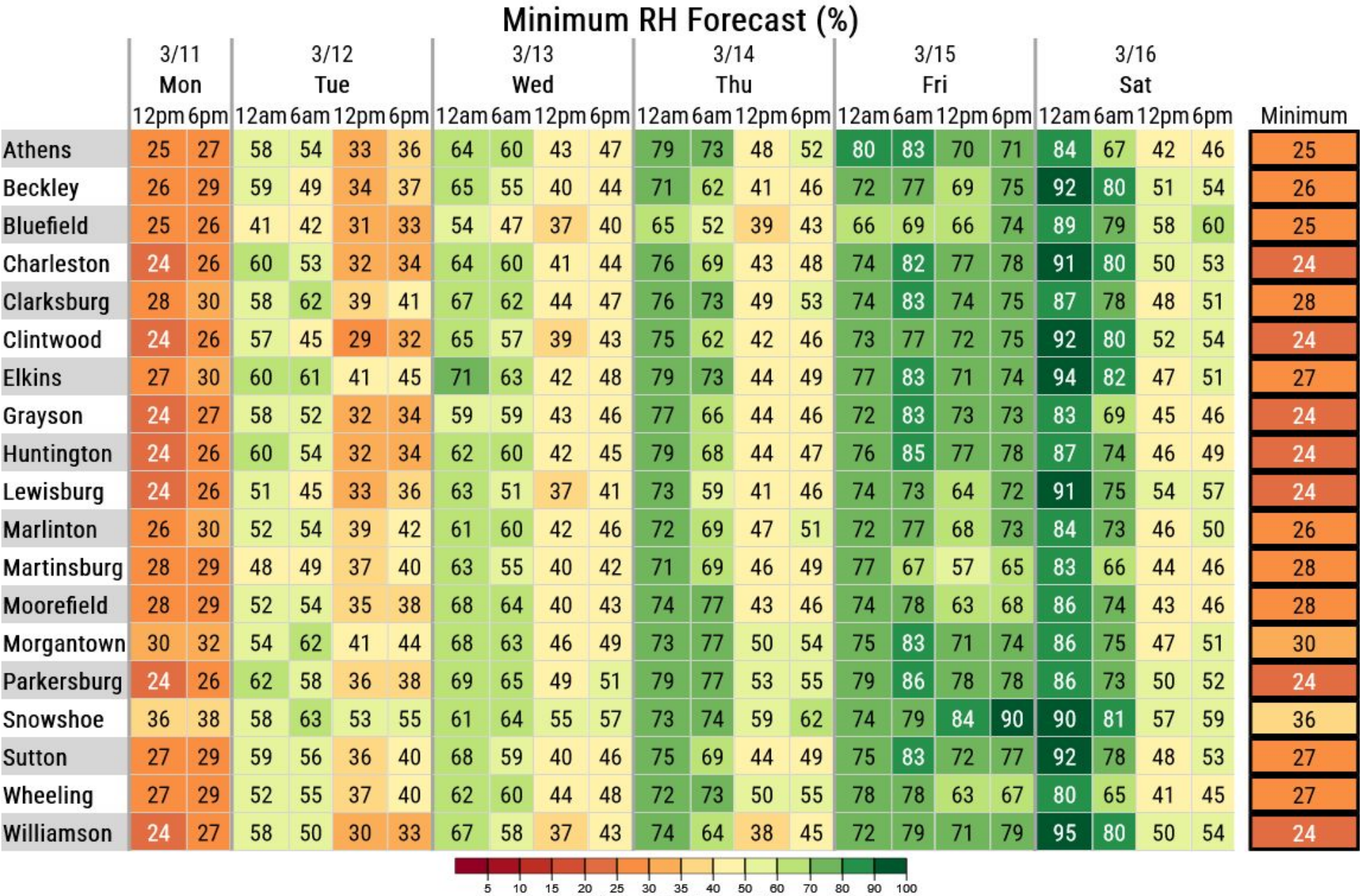


# Relative Humidity Forecast

March 11, 2024  
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## Key Points

- Very dry this afternoon and Tuesday afternoon.
- Moisture returns late Thursday and Friday.



Created: 9 am EDT Mon 3/11/2024 | Values are minimums over the period beginning at the time shown.







# Temperature Forecast

March 11, 2024  
9:25 AM

## Key Points

- Cool today, but warmer than previous days.
- Much warmer Tuesday, Wednesday and Thursday.

	Maximum Temperature Forecast (°F)																						Maximum
	3/11		3/12				3/13				3/14				3/15				3/16				
	Mon		Tue				Wed				Thu				Fri				Sat				
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	
Athens	54	54	41	51	67	64	47	56	68	65	52	60	72	70	58	58	61	58	47	48	60	57	72
Beckley	48	47	36	48	60	57	43	53	63	61	50	59	70	67	56	60	64	62	52	50	58	56	70
Bluefield	46	45	38	48	58	56	44	53	62	60	48	58	68	66	55	61	64	61	53	50	56	55	68
Charleston	54	54	41	51	67	64	47	57	70	68	54	62	75	72	60	62	67	64	53	51	62	61	75
Clarksburg	51	50	39	48	64	61	46	53	66	64	51	59	71	68	58	59	64	61	51	49	60	58	71
Clintwood	53	52	36	50	64	61	44	55	67	65	50	60	72	69	56	61	66	64	53	52	62	60	72
Elkins	46	45	36	46	60	57	41	51	64	60	47	57	70	66	55	58	63	61	50	47	58	55	70
Grayson	56	55	41	51	66	64	48	56	68	67	54	62	74	72	60	60	63	62	52	50	61	60	74
Huntington	57	56	41	51	67	65	48	56	70	68	53	62	75	73	59	61	65	63	51	50	62	61	75
Lewisburg	47	46	35	49	60	57	42	51	63	61	46	55	69	67	53	60	66	62	54	50	57	55	69
Marlinton	45	43	36	48	59	55	41	50	62	59	46	55	68	64	53	58	64	61	52	48	58	55	68
Martinsburg	52	51	42	55	66	64	49	57	69	68	52	59	73	71	57	64	70	67	54	53	63	62	73
Moorefield	52	51	39	51	66	63	45	53	69	67	50	56	74	72	56	62	70	67	53	50	64	62	74
Morgantown	51	50	40	48	62	60	48	53	66	64	53	58	70	68	59	60	64	60	51	49	59	57	70
Parkersburg	54	54	41	50	66	63	47	54	67	66	53	59	72	70	59	58	62	60	49	49	60	58	72
Snowshoe	34	34	32	39	47	46	37	44	51	50	43	50	58	56	50	52	54	53	47	42	48	47	58
Sutton	52	50	38	49	64	60	44	55	67	64	50	60	72	69	57	61	66	62	51	50	60	57	72
Wheeling	52	52	41	51	64	63	50	54	67	64	53	58	70	68	59	57	62	58	48	48	59	57	70
Williamson	54	53	39	49	65	62	46	55	69	66	53	60	75	72	58	61	66	63	53	51	62	60	75



Maximum Temperature Forecast (°F)

Created: 9 am EDT Mon 3/11/2024 | Values are maximums over the period beginning at the time shown.







# Summary of Greatest Impacts

March 11, 2024  
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	Monday, Mar 11	Tuesday, Mar 12	Wednesday, Mar 13	Thursday, Mar 14
Low RH	Recent Moisture Mitigates Risk	Areawide		
Strong Wind	Mountains			

This outlook depicts timing and magnitude of potential fire weather and strong wind impacts.

Potential aggravating factors such as dry lightning, fuel conditions, wind shifts, etc are also taken into consideration for increased fire weather.

Risk Levels	No/None	Limited	Elevated	Significant	Extreme
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# Contact & Next Briefing Information

March 11, 2024  
9:25 AM



## Briefing Webpage

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



## Next Briefing

→ By 10 AM Fri March 15, 2024  
→ Method: Google Meet



## Disclaimer

→ Information contained in this briefing is time-sensitive  
→ Do Not Use After: March 11, 2024



## Contact Information

### Web

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

### Phone

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### Facebook

→ [facebook.com/NWSCharlestonWV](https://facebook.com/NWSCharlestonWV)

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