

Drier and Warmer Weather Starts Today

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

Decision Support Briefing

→ As of 10 AM March 11, 2024

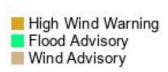


Important Updates

- Wind Advisory in effect until Noon Today
 - Higher elevations of the eastern and northern West Virginia mountains, as well as the <u>Eastern</u> <u>Panhandle</u>.
 - 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



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







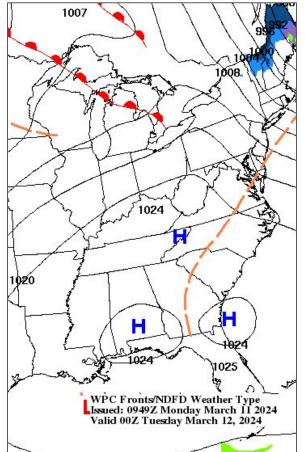
Main Points

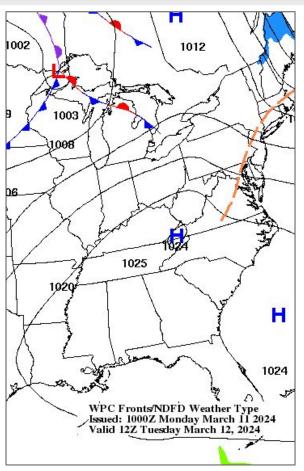
Hazard	Impacts	Location	Timing
Fire Weather	Dry RH values, breezy/gusty winds and low fuel stick moistures increases risk for brush fires.	Mostly across Southern and Central WV and portions of the Eastern Panhandle.	Tuesday Afternoon
Strong Winds	Strong winds may down trees and cause power outages. Unsecured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

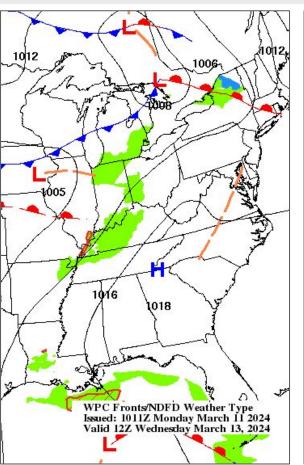


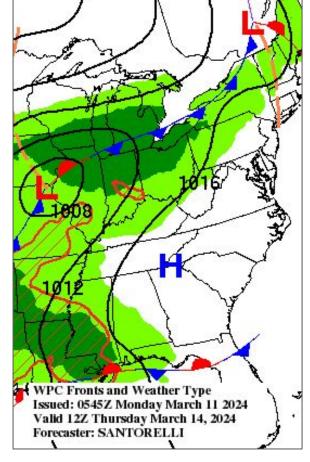


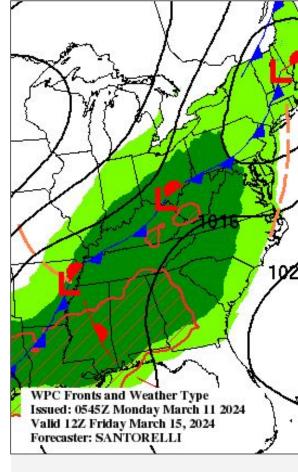
Outlook











Today

Tues

High Pressure

Wed

Thurs
High pressure s

High pressure still in control early ahead of disturbance.

Fri

Rain and thunderstorm chances return Friday with disturbance.





Weather Outlook

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.

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	3/1				12				13				14			3/15 Fri				3/1		
	Mo				ue	020000	Wed			Thu				Sat 12am 6am 12pm 6pm								
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm			12pm	6pm		6am	12pm	
Athens							-					٥	٥	٥	٥	٥	٥	٥	٥		٥	٥
Beckley							3							٥	٥	٥	٥	4	٥	٥	٥	٥
Bluefield																٥	٥	٥	٥	٥	٥	٥
Charleston													٥	٥	٥	٥	٥	4	4	٥	٥	٥
Clarksburg													٥	٥	٥	٥	٥	٥	٥	٥	٥	٥
Clintwood															٥	٥	٥	4	٥	٥	٥	٥
Elkins													٥	٥	٥	٥	٥	٥	٥	٥	٥	٥
Grayson												٥	٥	٥	٥		٥	4	٥	٥	٥	٥
Huntington												٥	٥	٥	٥	4	٥	4	٥	٥	٥	٥
Lewisburg																٥	٥	٥	٥	٥	٥	٥
Marlinton															٥	٥	٥	٥	٥	٥	٥	٥
Martinsburg														٥	٥	٥	٥	٥	٥	٥	٥	٥
Moorefield							-									٥	٥	٥	٥	٥	٥	٥
Morgantown													٥	٥	٥	٥	٥	٥	٥	٥	٥	٥
Parkersburg							3					٥	٥	٥	٥	٥	٥	٥	٥	٥	٥	٥
Snowshoe														٥	٥	٥	٥	٥	٥	٥	٥	٥
Sutton													٥	٥	٥	٥	٥	٥	٥	٥	٥	٥
Wheeling													٥	٥	٥	٥	٥	٥	٥	٥	٥	٥
Williamson														٥	٥	٥	٥	4	٥	٥	٥	٥
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Weather Forecast

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%.



Created: 9 am EDT Mon 3/11/2024 1





Expected Wind Gusts

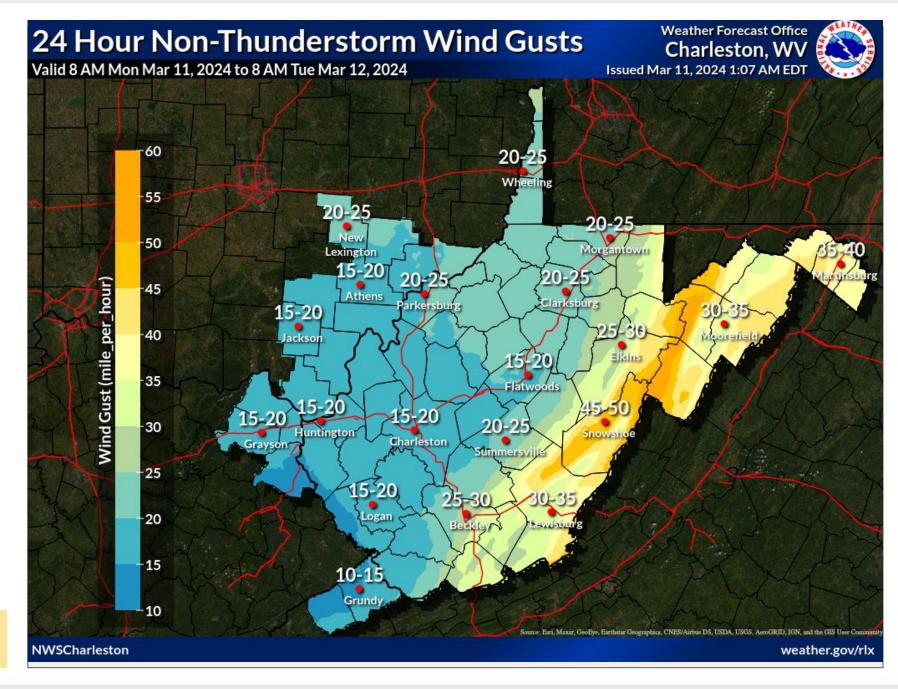
Through This Morning

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

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.

Maximum Wind Gust Forecast (mph)																							
	3/1	11		3/	12			3/	13			3/	14			3/	15			3/	16		
	Mo	n		Τü	ıe			We	ed			Thu				Fr	ri			Sa	at		
	12pm	6pm	12am	6am	12pm	6pm	Maximum																
Athens	18	16	12	17	17	16	12	14	16	14	10	16	23	21	18	18	22	23	18	15	18	17	23
Beckley	24	17	14	20	17	14	12	15	17	15	10	14	21	20	16	18	22	23	22	17	17	16	24
Bluefield	24	17	10	15	16	13	9	12	15	14	8	12	16	16	14	16	21	18	16	16	15	14	24
Charleston	17	16	9	18	17	14	9	14	15	14	10	15	21	18	17	17	21	22	18	14	16	15	22
Clarksburg	23	20	13	20	20	17	12	14	16	15	9	14	21	20	20	20	22	22	20	15	20	18	23
Clintwood	14	12	7	14	13	12	9	13	14	13	9	14	20	18	14	18	23	23	18	14	15	14	23
Elkins	28	22	13	23	22	16	10	13	14	14	10	16	23	23	22	22	24	23	22	18	21	20	28
Grayson	15	14	9	18	16	14	10	14	15	14	12	18	23	21	21	18	24	24	18	13	16	15	24
Huntington	15	15	9	17	16	14	10	14	14	14	10	16	22	20	20	18	23	23	18	13	15	14	23
Lewisburg	26	18	9	14	15	10	3	8	13	10	6	8	16	15	9	15	20	16	16	15	15	14	26
Marlinton	37	22	12	24	22	15	10	10	14	13	7	14	23	21	18	22	24	22	22	21	20	18	37
Martinsburg	51	29	20	23	22	15	9	9	12	12	8	10	16	15	14	16	20	20	20	20	20	16	51
Moorefield	41	20	14	16	18	14	8	9	13	13	7	12	20	18	16	18	21	20	18	16	17	16	41
Morgantown	23	21	23	20	17	16	14	14	16	15	10	15	21	21	21	20	21	21	20	16	20	18	23
Parkersburg	18	17	12	17	18	16	12	14	16	15	9	16	22	20	18	18	21	22	18	14	18	17	22
Snowshoe	47	31	28	30	28	20	18	20	21	18	13	18	24	23	22	25	26	24	24	22	22	21	47
Sutton	18	18	10	20	17	14	9	14	14	13	9	14	21	18	20	18	21	21	20	14	18	16	21
Wheeling	23	24	29	23	22	20	17	17	20	18	13	16	21	21	21	20	21	21	20	16	20	18	29
Williamson	14	13	6	15	14	12	8	12	14	13	8	14	20	18	15	17	22	22	18	13	15	14	22

Maximum Wind Cust Foregoot (mph)

Maximum Wind Gust Forecast (mph)

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





Fire Weather Concerns

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

Tuesday

Key Points:

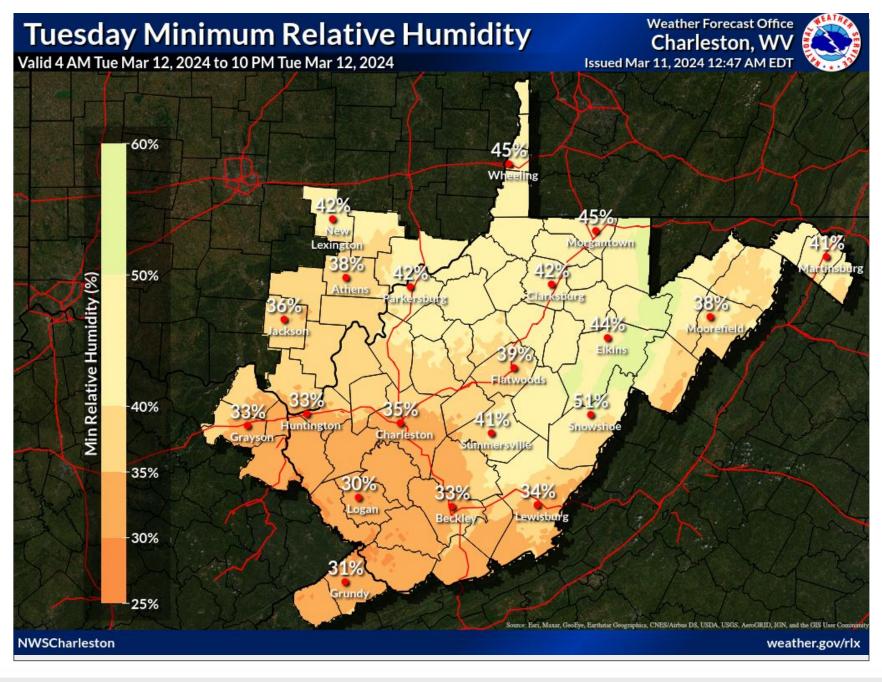
- → Winds could be breezy at times in the afternoon.
- → Partners will need to watch how much fuels dry out in the dry and breezy conditions today.



Low

Medium

High





Relative Humidity Forecast

Key Points

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

Minimum RH Forecast (%)																							
	3/1	11		3/	12			3/	13			3/	14	5005	-0.	3/				3/	16		
	Mo			Tu				Wed				Thu					ri			Sa			
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	Minimum
Athens	25	27	58	54	33	36	64	60	43	47	79	73	48	52	80	83	70	71	84	67	42	46	25
Beckley	26	29	59	49	34	37	65	55	40	44	71	62	41	46	72	77	69	75	92	80	51	54	26
Bluefield	25	26	41	42	31	33	54	47	37	40	65	52	39	43	66	69	66	74	89	79	58	60	25
Charleston	24	26	60	53	32	34	64	60	41	44	76	69	43	48	74	82	77	78	91	80	50	53	24
Clarksburg	28	30	58	62	39	41	67	62	44	47	76	73	49	53	74	83	74	75	87	78	48	51	28
Clintwood	24	26	57	45	29	32	65	57	39	43	75	62	42	46	73	77	72	75	92	80	52	54	24
Elkins	27	30	60	61	41	45	71	63	42	48	79	73	44	49	77	83	71	74	94	82	47	51	27
Grayson	24	27	58	52	32	34	59	59	43	46	77	66	44	46	72	83	73	73	83	69	45	46	24
Huntington	24	26	60	54	32	34	62	60	42	45	79	68	44	47	76	85	77	78	87	74	46	49	24
Lewisburg	24	26	51	45	33	36	63	51	37	41	73	59	41	46	74	73	64	72	91	75	54	57	24
Marlinton	26	30	52	54	39	42	61	60	42	46	72	69	47	51	72	77	68	73	84	73	46	50	26
Martinsburg	28	29	48	49	37	40	63	55	40	42	71	69	46	49	77	67	57	65	83	66	44	46	28
Moorefield	28	29	52	54	35	38	68	64	40	43	74	77	43	46	74	78	63	68	86	74	43	46	28
Morgantown	30	32	54	62	41	44	68	63	46	49	73	77	50	54	75	83	71	74	86	75	47	51	30
Parkersburg	24	26	62	58	36	38	69	65	49	51	79	77	53	55	79	86	78	78	86	73	50	52	24
Snowshoe	36	38	58	63	53	55	61	64	55	57	73	74	59	62	74	79	84	90	90	81	57	59	36
Sutton	27	29	59	56	36	40	68	59	40	46	75	69	44	49	75	83	72	77	92	78	48	53	27
Wheeling	27	29	52	55	37	40	62	60	44	48	72	73	50	55	78	78	63	67	80	65	41	45	27
Williamson	24	27	58	50	30	33	67	58	37	43	74	64	38	45	72	79	71	79	95	80	50	54	24

Minimum DII Foreset (0/)

Minimum RH Forecast (%)
Created: 9 am EDT Mon 3/11/2024 | Values are minimums over the period beginning at the time shown.





Temperature Forecast

Key Points

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

Maximum	Temperatu	ıre Forecast	(°F)
1		1	•

	3/1	3/11 3/12					3/13				3/14				3/15				3/				
	Mo	n		Τι	ıe			Wed				Th	ıu			F	ri			S	at		
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	Maximum
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

-8655045405502520151050 510152025035404550550357075035900500101520

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

	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





Contact & Next Briefing Information



→ weather.gov/rlx/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



Web

→ weather.gov/rlx

Phone

→ (304) 356-5885

Email

→ rlx.ops@noaa.gov

Facebook

→ facebook.com/NWSCharlestonWV

Twitter

→ @NWSCharlestonWV

