



Strong Wind & Thunderstorms: Tue - Thu

February 27, 2024
5:01 AM

For Western Pennsylvania, Eastern Ohio, and Northern West Virginia



Current Watches, Warnings, and Advisories

Decision Support Briefing

→ As of 5 AM February 27, 2024

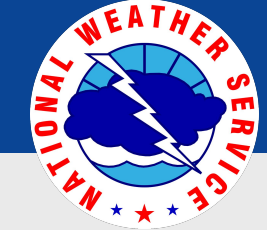
Summary

- A large, dynamic system will impact the region today into Wednesday.
- Three rounds of thunderstorms are possible: this morning/early afternoon, this evening/overnight, Wednesday morning.
- Wind is the primary threat with any severe thunderstorms, though small hail is possible.
- Strong winds in the wake of the cold front could gust 40-45 mph. A Wind Advisory may be issued if stronger wind gusts become likely.



Graphic Created
February 27th, 2024
3:00 AM EST





Severe Weather Outlook: Tue - Wed

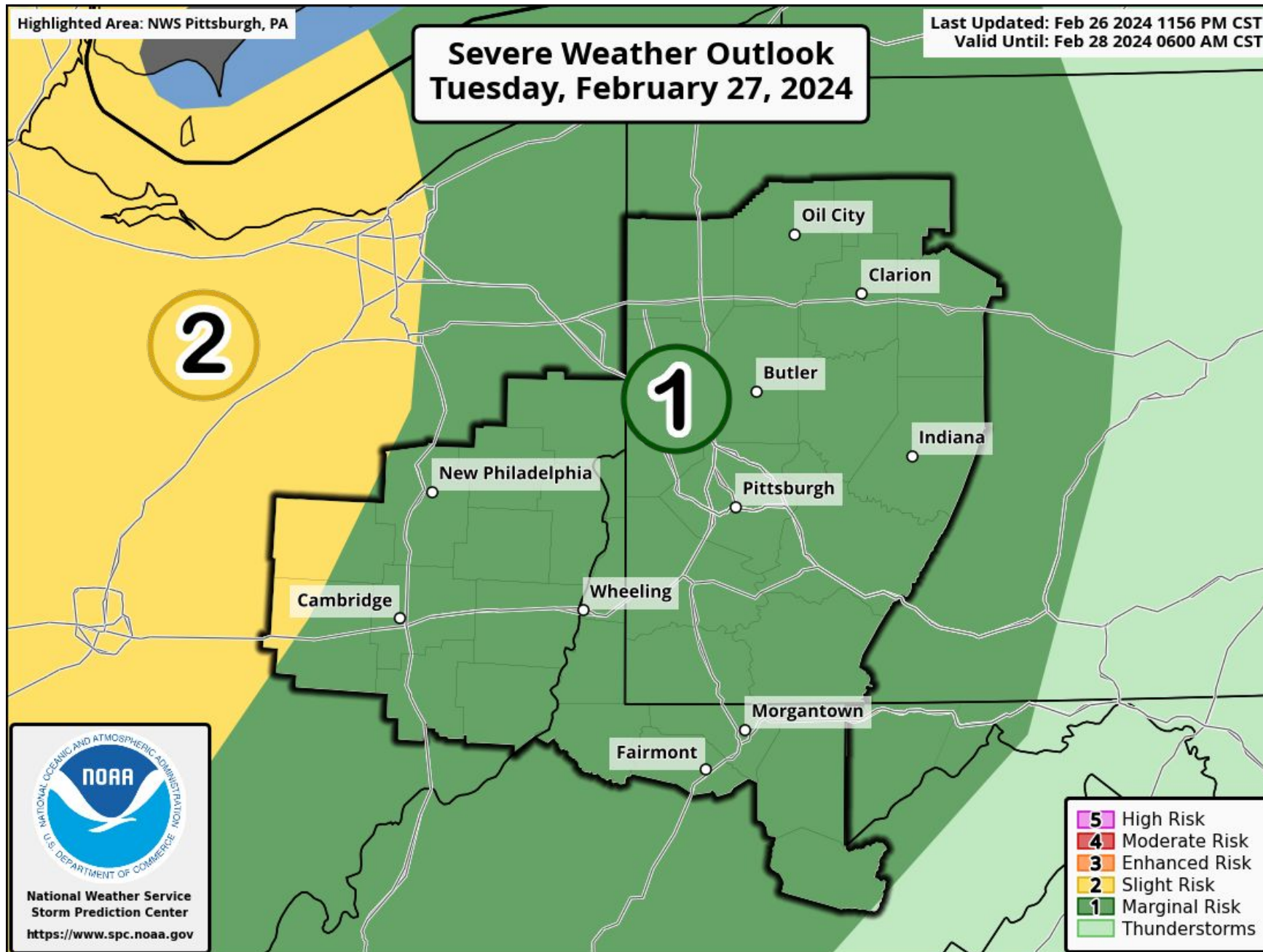
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A few storms could be severe, primarily this evening. Wind & small hail are possible.

KEY POINTS:

Three rounds of thunderstorms are possible today through Wednesday morning:

1. Isolated to scattered showers and thunderstorms are possible later this morning into early afternoon with a warm front. *(Gusty wind possible)*
2. Thunderstorms are possible this evening and overnight. *(Primary chance for small hail. Strong wind gusts possible.)*
3. Additional thunderstorms are possible ahead of and along the cold front Wednesday morning through early afternoon. *(Best chance for strong wind gusts.)*



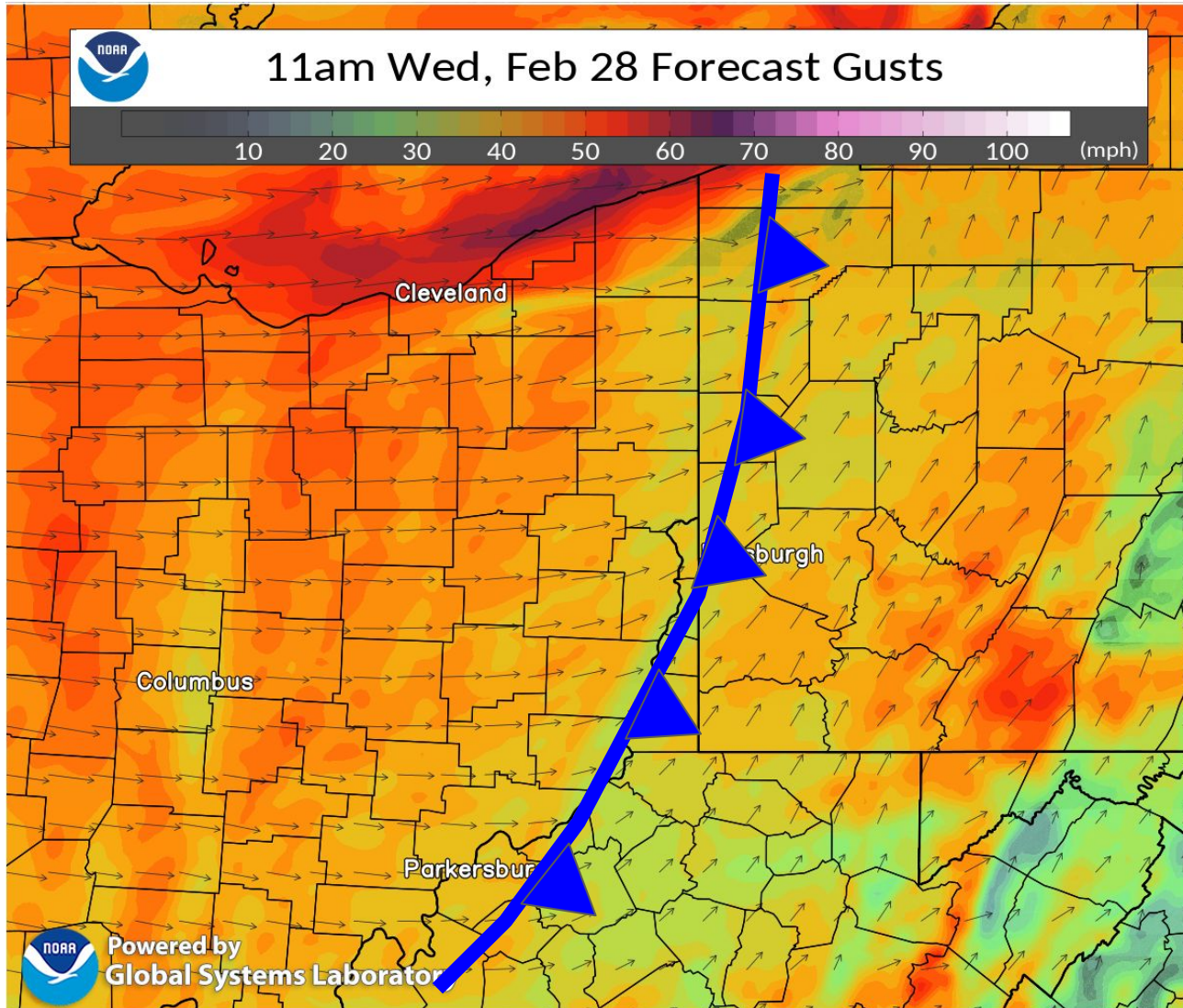


Strong Wind: Wednesday into Thursday

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Strong wind gusts along and in the wake of a cold front are expected Wednesday into Thursday

Thunderstorms with gusty winds are expected along a **cold front** Wednesday morning and early afternoon. Strong winds in the wake of the cold front could be 40-45 mph. A Wind Advisory may issued if stronger wind gusts become likely.

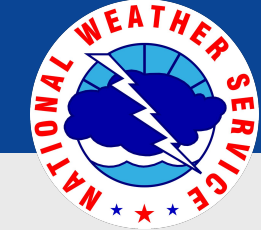


Maximum Wind Gust Forecast (mph)

	2/28 Wed								2/29 Thu								Maximum
	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm		
Butler	25↑	29↑	30↑	35↑	36↔	35↔	38↔	37↔	35↔	32↔	25↔	22↔	21↔	18↔	14↔	38	
Carrollton	30↑	35↑	31↑	32↔	33↔	33↔	33↔	32↔	31↔	28↔	21↔	18↔	18↔	17↔	14↔	35	
Coshocton	33↑	35↑	32↑	29↑	31↔	32↔	29↔	29↔	24↔	22↔	17↔	14↔	14↔	14↔	12↔	35	
Davis	32↑	35↑	32↑	35↑	37↑	41↑	46↑	47↑	44↑	40↑	35↔	32↔	25↔	21↔	20↔	47	
Dubois	24↑	30↑	33↑	33↑	40↑	38↔	44↔	46↔	43↔	39↔	35↔	31↔	28↔	25↔	22↔	46	
Indiana	24↑	30↑	28↑	33↑	33↑	36↔	40↔	40↔	36↔	33↔	28↔	25↔	24↔	22↔	16↔	40	
Latrobe	28↑	32↑	35↑	37↑	39↑	38↔	41↔	46↔	37↔	29↔	28↔	28↔	25↔	22↔	17↔	46	
Mercer	28↑	30↑	35↑	35↑	36↔	35↔	36↔	36↔	33↔	29↔	24↔	23↔	22↔	20↔	13↔	36	
Morgantown	33↑	36↑	35↑	35↑	33↑	33↔	37↔	38↔	32↔	23↔	21↔	17↔	15↔	15↔	13↔	38	
Oil City	26↑	31↑	32↑	35↑	35↔	35↔	38↔	37↔	35↔	31↔	29↔	25↔	23↔	21↔	15↔	38	
Pittsburgh	31↑	35↑	30↑	37↑	38↔	37↔	37↔	36↔	35↔	32↔	24↔	22↔	20↔	18↔	15↔	38	
Washington	33↑	38↑	33↑	37↑	39↑	38↔	38↔	38↔	36↔	29↔	22↔	21↔	21↔	18↔	13↔	39	
Weirton	32↑	36↑	32↑	35↑	35↔	33↔	29↔	30↔	33↔	29↔	20↔	18↔	17↔	17↔	13↔	36	
Wheeling	36↑	38↑	35↑	37↑	37↔	37↔	30↔	26↔	25↔	25↔	20↔	17↔	17↔	16↔	13↔	38	
Zanesville	35↑	35↑	37↑	35↑	35↔	36↔	29↔	26↔	24↔	22↔	16↔	14↔	14↔	14↔	9↔	37	

Maximum Wind Gust Forecast (mph)

Created: 4 am EST Tue 2/27/2024 | Values are maximums over the period beginning at the time shown.



Severe/Wind Timeline: Tue - Thu

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Three Rounds of Thunderstorms, then Strong Post-Frontal Winds

	Tue, Feb 27 6 AM - 12 PM	Tue, Feb 27 12 PM - 6 PM	Tue, Feb 27 6 PM - 12 AM	Wed, Feb 28 12 AM - 6 AM	Wed, Feb 28 6 AM - 12 PM	Wed, Feb 28 12 PM - Thu, Feb 29 6 AM
Strong Wind	Very Low	Low	Medium	Medium	High	High (Wind Not From Storms)
Hail	Very Low	Low	Low	Very Low		
Lightning	Low	Medium	Medium	High	Medium	
Tornadoes		Very Low	Very Low	Very Low	Very Low	
Heavy Rain	Very Low	Very Low	Very Low	Low	Very Low	

Probability Key

Very Low Probability	Low Probability	Medium Probability	High Probability
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Contact and Next Briefing Information

February 27, 2024
5:01 AM

For Southwest Pennsylvania, Eastern Ohio, and Northern West Virginia

Contact Information

Web

→ weather.gov/pittsburgh

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Next Briefing

- By 6 AM, Wednesday February 28, 2024 or as needed
- Method: Email



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- Information contained in this briefing is time-sensitive
- Do Not Use After: 6 AM, Wednesday February 28, 2024

