



# Winter Weather Briefing

November 30, 2024  
6:13 AM

For Northern Ohio and Northwest Pennsylvania

## Decision Support Briefing #6

→ As of 7:00 AM Saturday, November 30, 2024

NEW

### Important Updates

- **Lake Effect Snow Warning** has been extended for Erie County, PA and Ashtabula and Lake Counties in Ohio through 7 AM Tuesday, December 3.
- An additional 8 to 15" of snow is expected in Lake and Ashtabula Counties and 10 to 20" of snow is expected in Erie County through 1 AM Sunday.
- A new **Winter Storm Watch** has been issued for Crawford County, PA and Cuyahoga and Geauga Counties in Ohio for Noon Sunday through 7 PM Monday.
- A large area of 6 to 15" of new snow is expected across Northeast Ohio and Northwest Pennsylvania for Sunday and Monday with the greatest impacts on Sunday evening through Monday morning.





## What to expect:

- A significant, multi-day lake effect snow event off Lake Erie is ongoing.
- Heavy lake effect snow bands have already produced a total of 12-36+” of snow across far Northeast Ohio and Northwest PA with significant travel impacts to Interstates 90, 86, and 79.
- Snow bands will continue over the next 18-24 hours across the lakeshore areas of far NE OH and NW PA. Snowfall totals today will be in the range of 8 to 20 inches with the highest amounts where bands persist.
- A brief break in lake effect snow will occur tonight as the main band moves offshore.
- Lake effect snow will return for Sunday and Monday and a large area of 6 to 15” of new snow is expected across Northeast Ohio and Northwest Pennsylvania with the greatest impacts on Sunday evening through Monday morning.

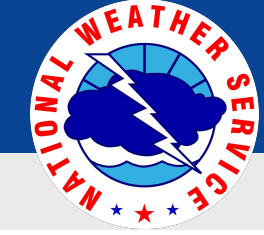


# Main Points

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Hazard	Impacts	Location	Timing
<b>Snow</b> 	Rapid snow accumulation with 1-2" per hour snowfall rates and low visibility will pose a travel risk to the area.	Far Northeast Ohio and Northwest Pennsylvania	Through Tonight  Returning Sunday through Tuesday
<b>Wind</b> 	Wind gusts to 35 mph will cause blowing and drifting snow and poor visibility.	Northeast Ohio and Northwest Pennsylvania	Through Tuesday
<b>Cold</b> 	Below normal temperatures are expected with lows in the teens at night. Wind chills will be in the single digits and present a threat of exposure, if unprepared.	All of Northern Ohio and Northwest Pennsylvania	Nightly through Tuesday Night





# Winter Weather Headlines

November 30, 2024  
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## NWS Lake Effect Snow Warnings

Valid through 10 AM Sat Nov 30, 2024 EST

Weather Forecast Office  
Cleveland, OH

Issued Nov 30, 2024 5:14 AM EST



NWSCleveland

weather.gov/cle



## Valid Time

Through 10 AM Saturday



## NWS Winter Headlines

- **Lake Effect Snow Warning** remains for Erie and Crawford Counties in Pennsylvania and Ashtabula, Geauga, and Lake Counties in Ohio
- **Winter Weather Advisory** for Cuyahoga County has been cancelled early



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

National Weather Service  
Cleveland, OH



# Winter Weather Headlines

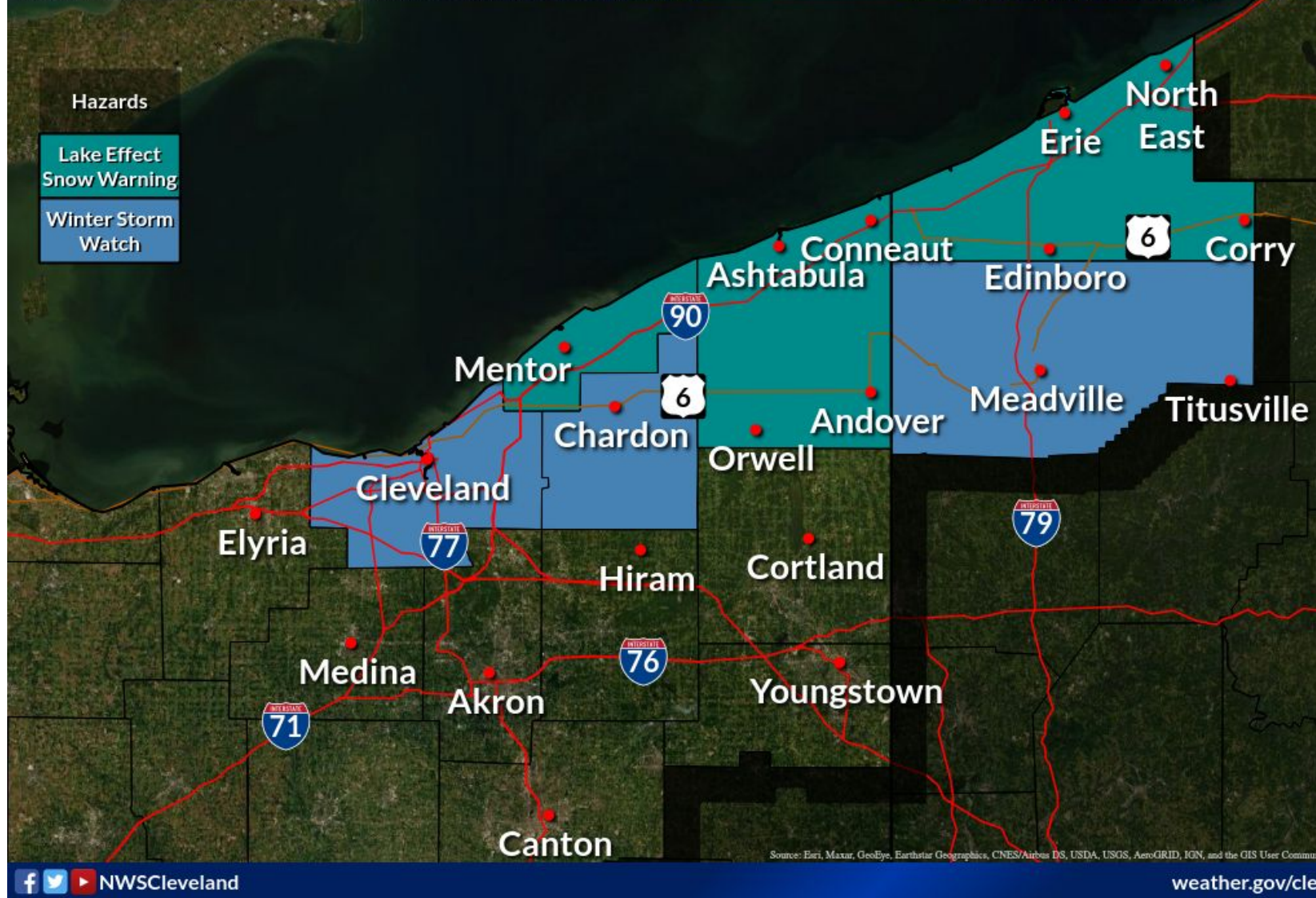
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## NWS Watches and Warnings

Valid through 7 PM Mon Dec 2, 2024 and 7 AM Tue Dec 3, 2024 EST

Weather Forecast Office  
Cleveland, OH

Issued Nov 30, 2024 5:16 AM EST



## NWS Winter Headlines

- **Lake Effect Snow Warning** has been extended for Erie County, PA and Ashtabula and Lake Counties in Ohio through **7 AM Tuesday**
- **Winter Storm Watch** has been issued for Crawford County, PA and Cuyahoga and Geauga Counties in Ohio from **Noon Sunday through 7 PM Monday**
- Lake effect snow is expected to continue with a very short break for the Lake Effect Snow Warning counties.
- For the Winter Storm Watch counties, there will be a large gap in impactful, accumulating snowfall on Saturday and the headlines are now focused on Sunday and Monday.





# Forecast Snowfall - Through Sat PM

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## Forecast Time Frame

Through 1 AM Sunday



## Forecast Amounts

→ An additional 8-20" of new snow is expected in the I-90 corridor of eastern Lake county, northern Ashtabula County, and Erie County, PA. There will be a sharp gradient in snow south of I-90.

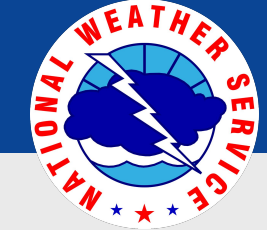


## Impacts

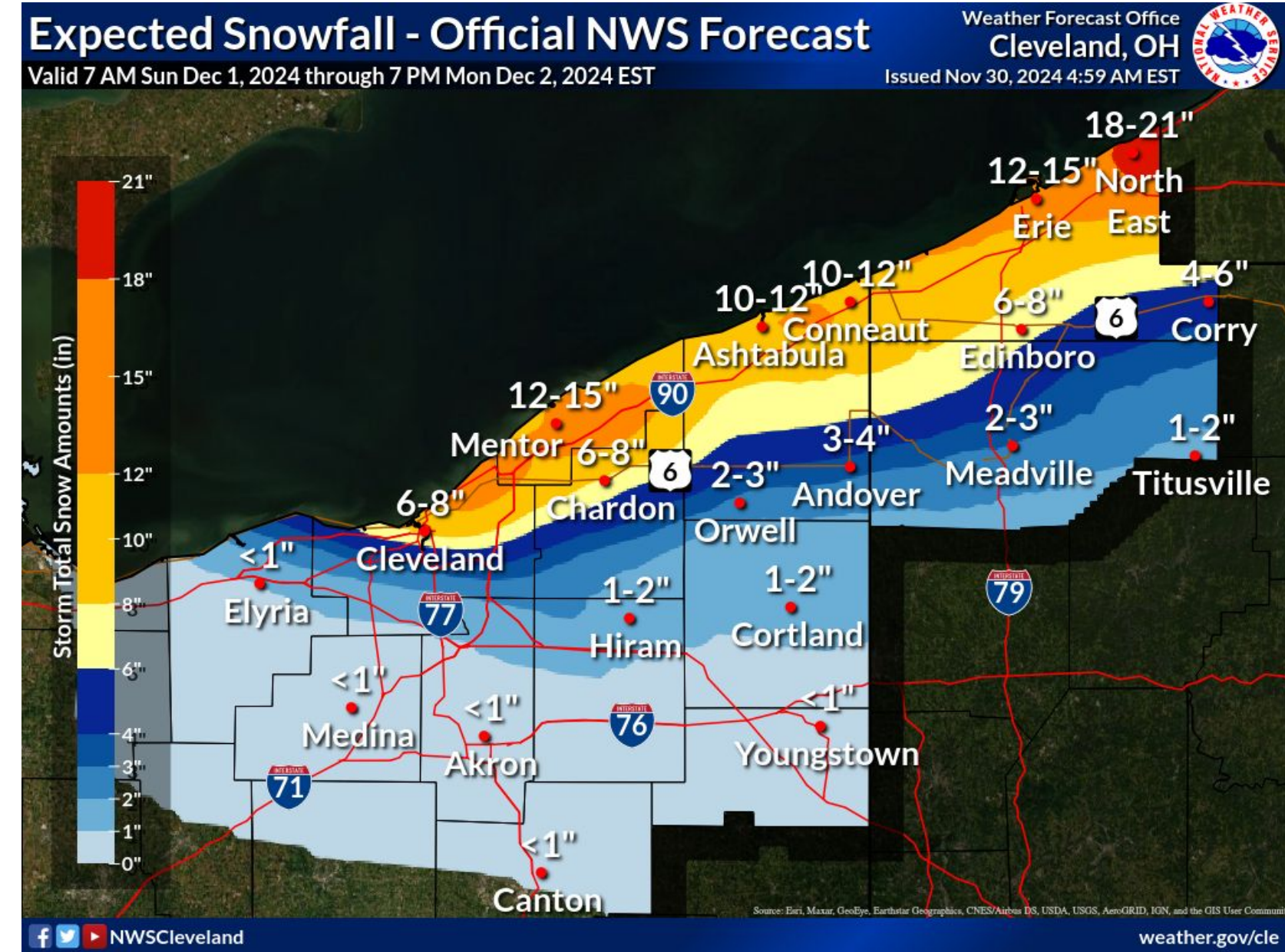
→ Travel impacts are already being felt across the region along Interstates 90, 86, and 79 in NE OH and NW PA.

→ Snowfall rates of 1-2" per hour will continue to make travel difficult across the region and increase difficulty of road recovery today.





# Forecast Snowfall - Sun AM to Mon PM November 30, 2024 6:13 AM



## Forecast Time Frame

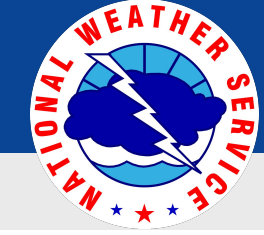
7 AM Sunday to 7 PM Monday



## Forecast Overview

- Winds will shift to the northwest on Sunday and heavy snow will return to the area for Sunday and Monday.
- Map on left shows the snow forecast for 36 hour period from 7 AM Sunday to 7 PM Monday. Snow during this period will occur at a lower rate, generally one inch per hour or less. Uncertainty remains regarding where the snow bands will be most persistent.
- Winter headlines have been adjusted to include this time period.





# Remaining Event Total Snow Forecast

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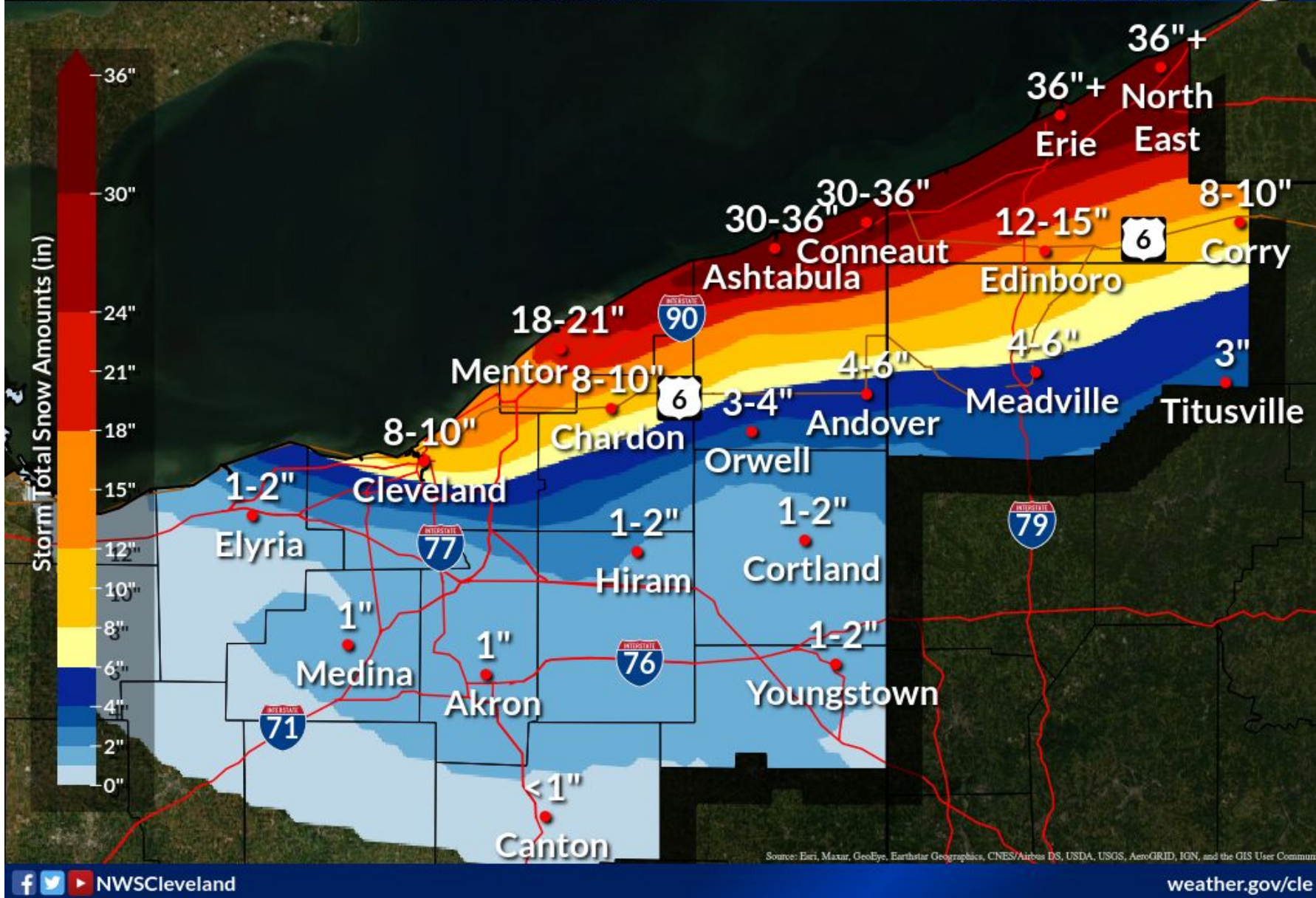
For 1 AM Sat Nov 30 to 7 AM Tue Dec 3

## Expected Snowfall - Official NWS Forecast

Valid 1 AM Sat Nov 30, 2024 through 7 AM Tue Dec 3, 2024 EST

Weather Forecast Office  
Cleveland, OH

Issued Nov 30, 2024 5:03 AM EST



## Total Snow Forecast

- Forecast snow map on the left reflects the **additional snowfall** expected across the region through 7 AM Tuesday.
- Through Friday Night, areas of Northeast Ohio and Northwest Pennsylvania have received 1 to 2.5 feet of snow.
- With the addition of 1 to 3+ feet of new snow through Tuesday morning, totals across the region could reach **4 to 6 feet for the event total.**





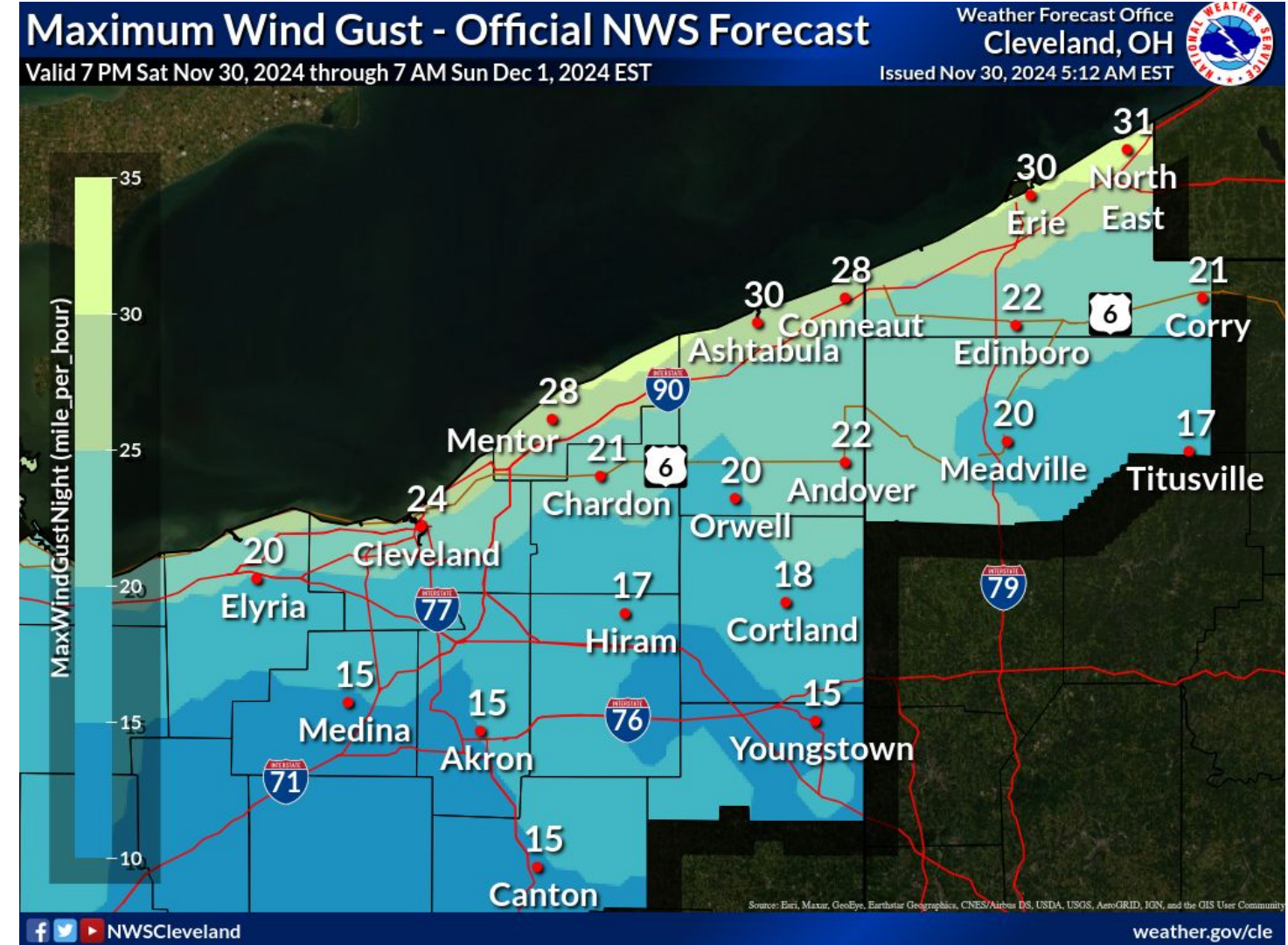
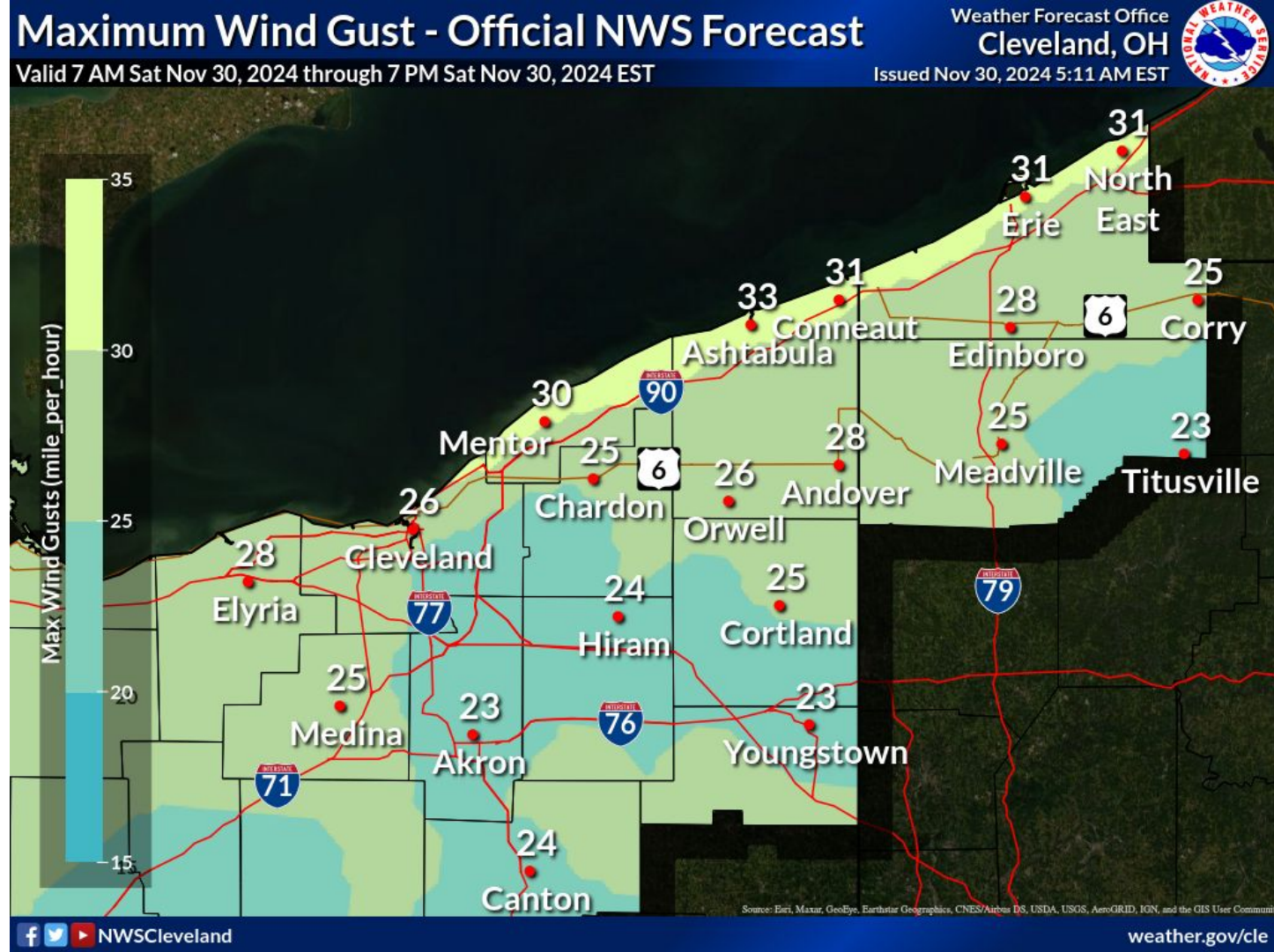


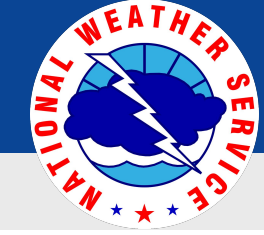
# Wind Gust Forecast - Today/Tonight

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## Tonight

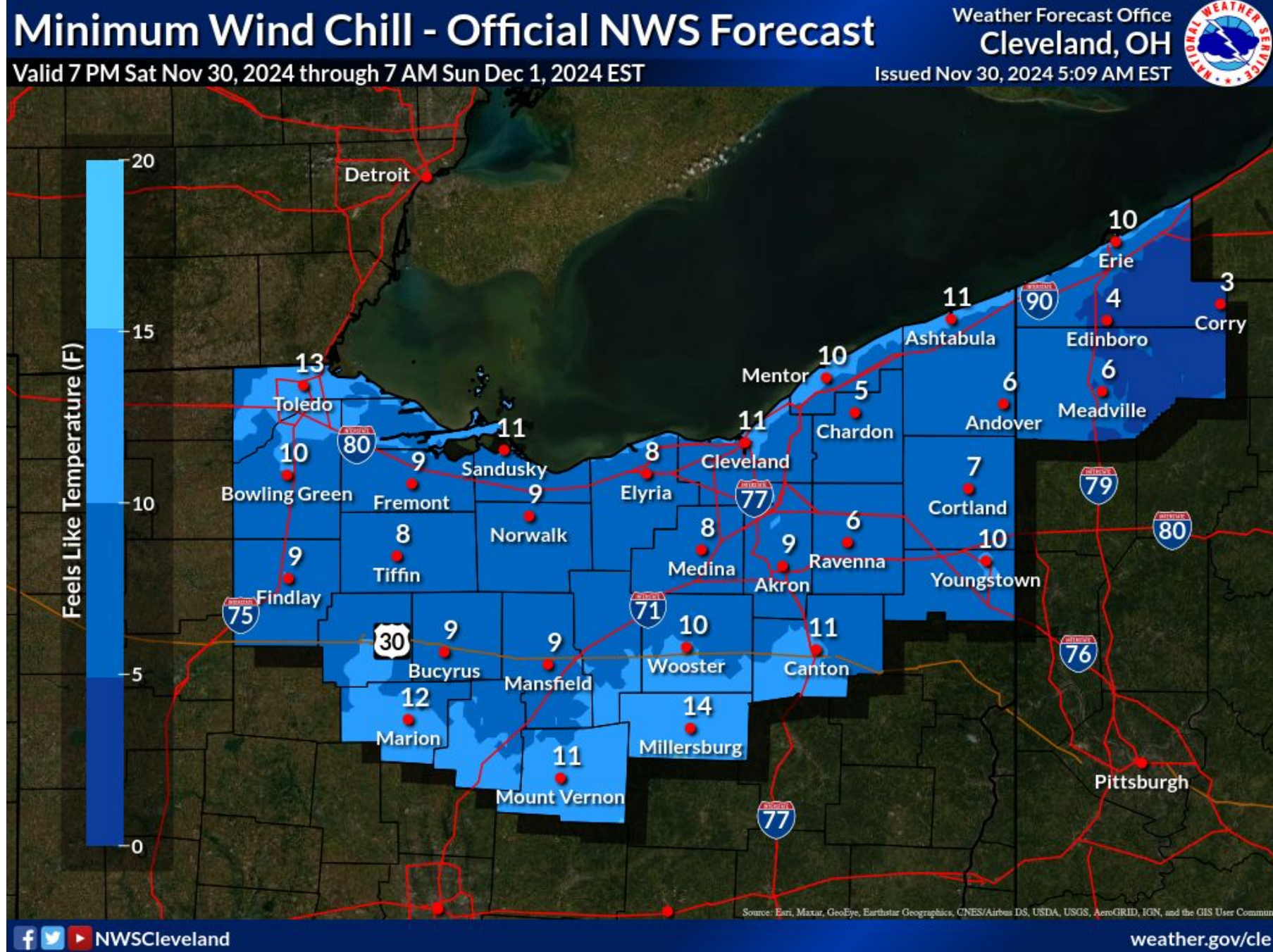
## Tomorrow





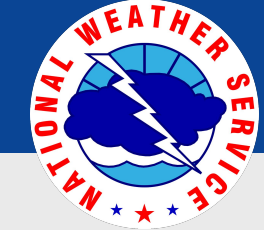
# Wind Chill Forecast - Tonight

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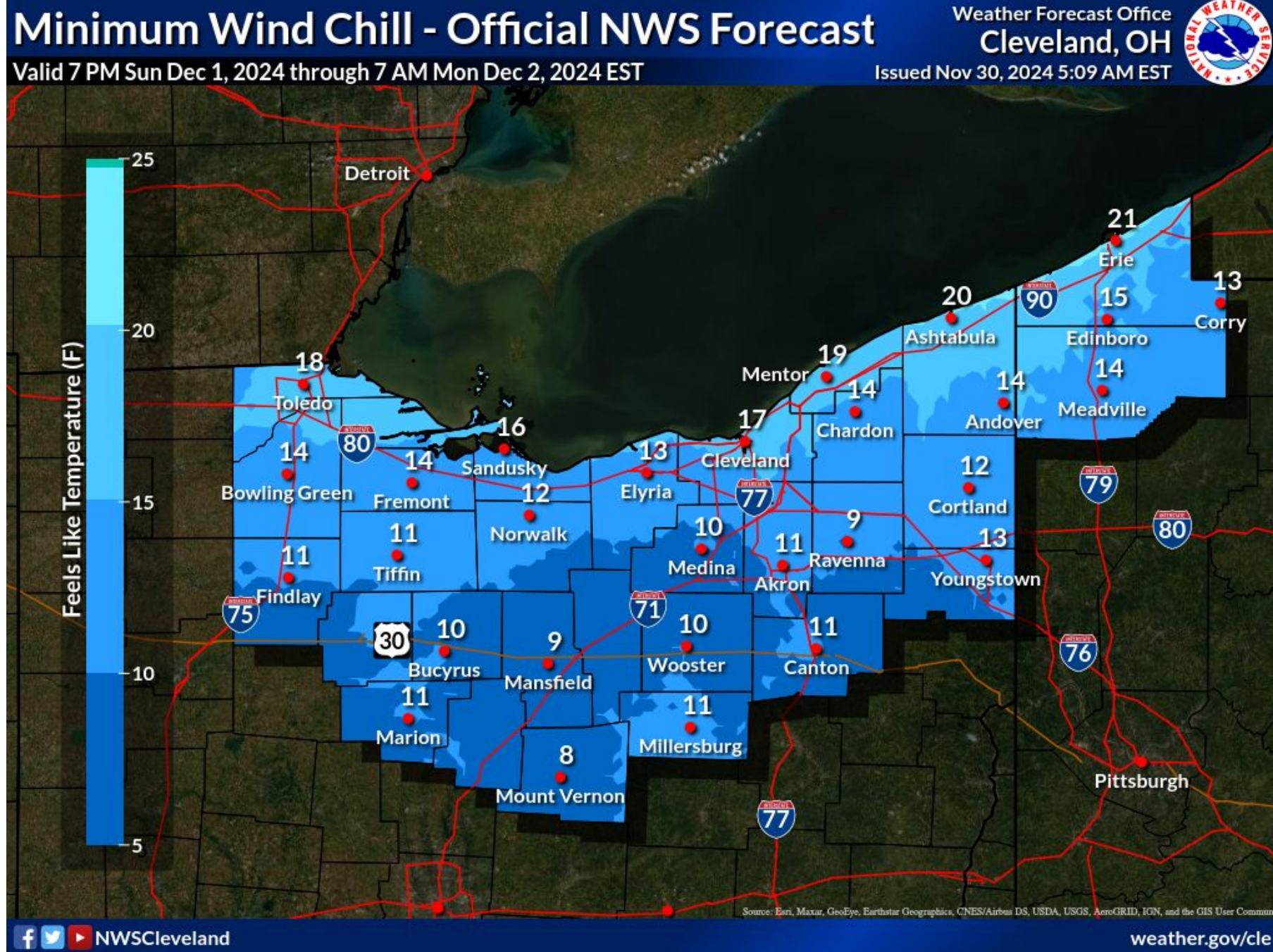
National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Cleveland, OH



# Wind Chill Forecast - Sunday Night

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National Oceanic and Atmospheric Administration  
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National Weather Service  
Cleveland, OH

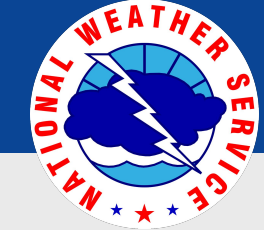


## Key Messages:

- A significant, multi-day lake effect snow event off Lake Erie is **ongoing** and has caused significant travel impacts across far Northeast Ohio and Northwest Pennsylvania.
- An additional 8-20" of new snow is expected across the I-90 corridor of Erie County, PA and Ashtabula and eastern Lake Counties, OH through tonight.
- Another round of heavy lake effect snow is expected on Sunday and Monday and will be more widespread, reaching as far west as the Cleveland metropolitan area. An additional 6-15" of new snow will be expected during this period.

## Preparedness Actions:

- Persons should consider delaying all travel. If travel is absolutely necessary, drive with extreme caution and an abundance of time.
- Consider taking a winter storm kit along with you, including such items as tire chains, booster cables, flashlight, shovel, blankets and extra clothing. Also take water, a first aid kit, and anything else that would help you survive in case you become stranded.



# Contact and Next Briefing Information

November 30, 2024  
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For Northeast Ohio and Northwest Pennsylvania



## Briefing Webpage

→ [https://www.weather.gov/cle/quick\\_brief](https://www.weather.gov/cle/quick_brief)



## Next Briefing

→ By 8:00 AM Sunday, December 1  
→ Method: Email



## Disclaimer

→ Information contained in this briefing is time-sensitive  
→ Do Not Use After: 4:00 AM Sunday, December 1



## Contact Information

### Web

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

### Phone

→ (216) 416-2911

### Email

→ [\[stormcle@noaa.gov\]](mailto:stormcle@noaa.gov)

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