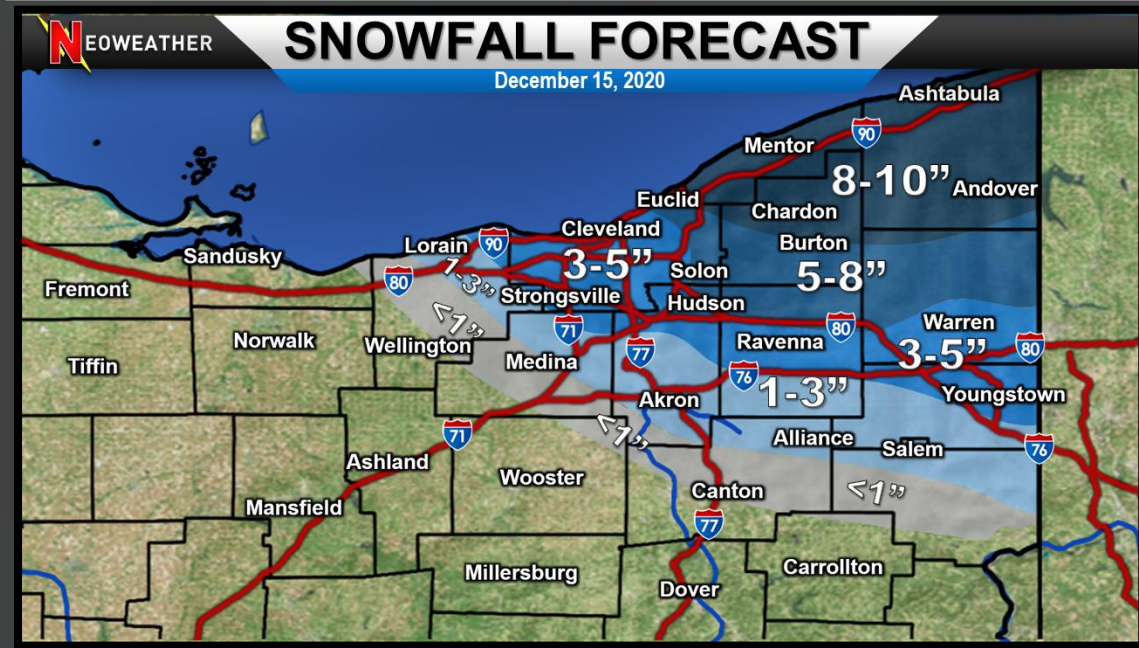


NEO FirstLook

Location: Chardon, OH

Event Date: December 15, 2020

Snowfall Forecast



Synopsis

A potent lake effect snow event looks to develop by the morning of December 15, 2020 as a potent trough moves across Lake Erie. This energy, combined with the open lake waters, will create an ideal setup for moderate to heavy lake effect snow in the primary snowbelt. Multiple bands of snow will set up, with a high likelihood of a stronger band setting up across Lake & Geauga counties with snowfall rates of 1"/Hour possible.

Storm Summary

Start Date & Time	Tue. 7:00 AM
Stop Date & Time	Tue. 11:00 PM
Forecast Snow	8-10"
Forecast Ice	0"
Temperature	30°F
Wind Dir. & Speed	WNW 10-25 MPH
Wind Chill	17°F

Forecast Confidence

	Low	Mod.	High
Precipitation	Green	Orange	Red
Temperature	Green	Orange	Grey
Timing	Green	Orange	Red

Recommendations

Salt vs. Plow	Plow
Pre-Treat	Yes

ThreatNet Hazards

Freezing Rain	Snow	Wind
None	High	Moderate

Additional Details

Impact Details

- Moderate to occasionally heavy snowfall.
- 1"/Hour snowfall rates possible at times.
- Reduced visibility to near zero.

Snow/Ice Details

- Occasionally heavy snow is possible.
- Multiple snow bands will set up across the area, with one primary band across portions of Lake & Geauga counties expected.
- Heaviest snowfall will occur in the higher terrain of Lake and Geauga counties. Locally higher amounts are also possible where snow bands persist.

Forecast Confidence Details

There is moderate to high confidence in this forecast as the setup is a classic early season lake effect setup with plenty of cold air aloft over a warm and open Lake Erie. Favorable winds will allow for a potent setup for snowfall across the area.

Other Details

- Some blowing and drifting of snow is possible given the gusty winds.
- Wind chills will generally be in the middle teens. Ensure crews are dressed appropriately for the colder feeling temperatures.
- Pre-treating is recommended due to the dry conditions expected prior to the start of the snow and will help ward off any initial accumulation. Plowing and additional treating will be needed throughout the event.