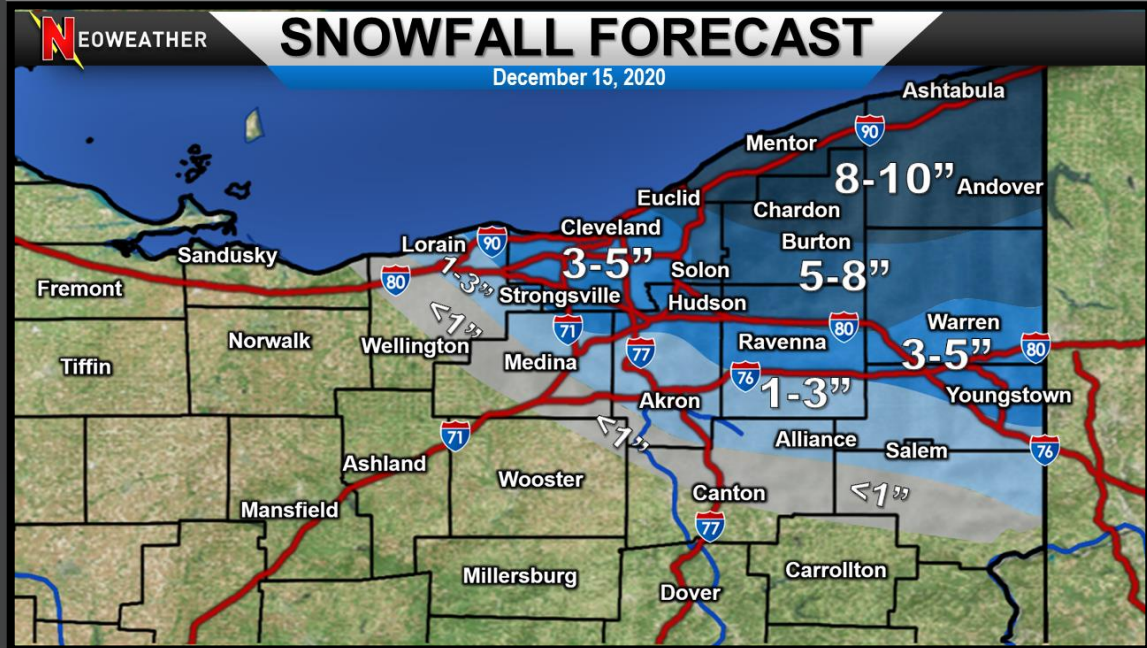


# Forecast Breakdown

Location: Chardon, OH

Event Date: 12/15/20

## Snowfall Forecast



## Synopsis

A potent trough will move across the lake later tonight and tomorrow morning. This will allow moderate to heavy snow to develop across much of the Primary Snowbelt, with snowfall rates near 1"/hour at times. Gusty winds will also reduce visibility to near zero in heavier snow squalls. Some blowing and drifting of the snow will also be 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

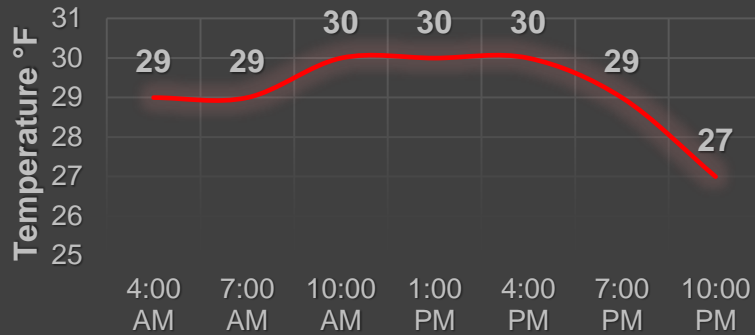
Salt vs. Plow	Plow
Pre-Treat	Yes

## ThreatNet Hazards

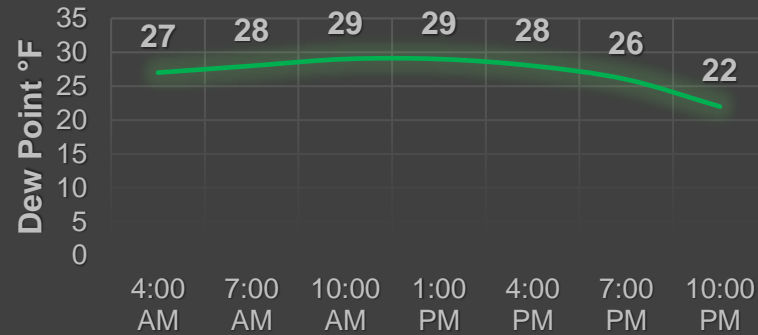
Freezing Rain	Snow	Wind
None	High	Moderate

# Hourly Data

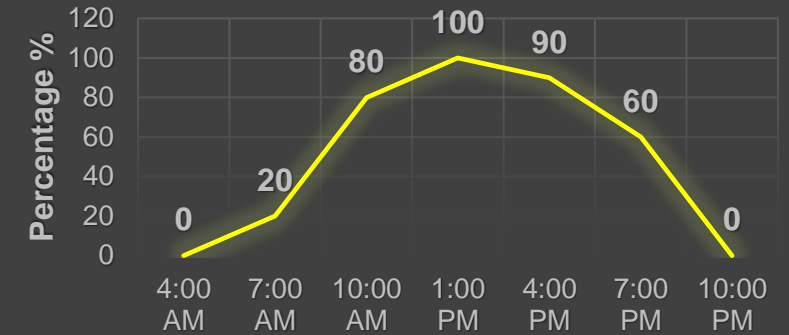
## Temperature



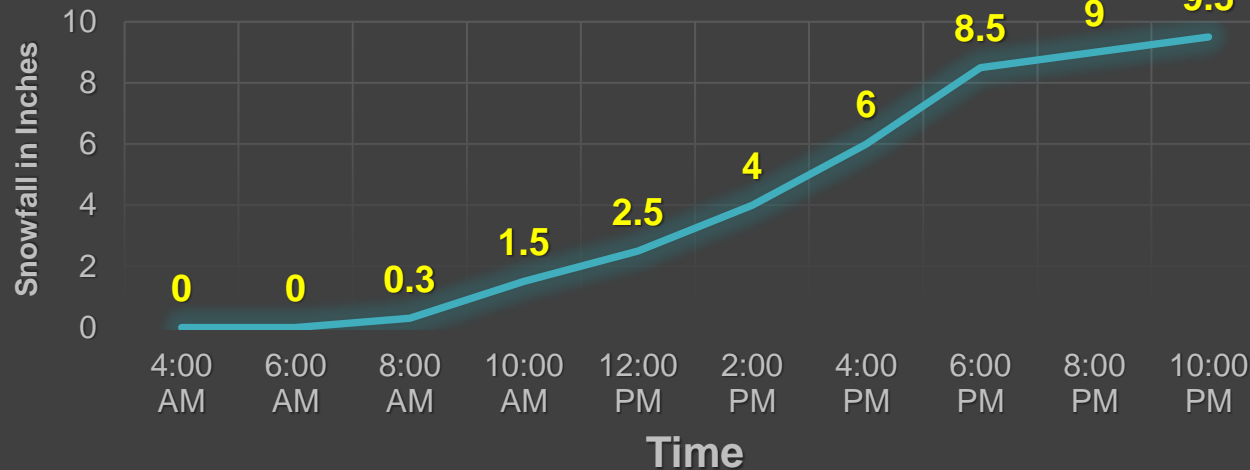
## Dew Point



## Precipitation



## Snowfall Amount



Time	Wind	Condition
4 AM	WNW 8-10	Cloudy
7 AM	WNW 10-15	Lt. Snow
10 AM	WNW 10-15	Snow
1 PM	WNW 10-15	Snow
4 PM	WNW 15-20	Snow
7 PM	WNW 15-20	Lt. Snow
10 PM	WNW 10-15	Cloudy

# Additional Details

## Impact Details

- Snow will be heavy at times with 1”+/hour snowfall rates.
- Blowing & drifting snow possible.
- Visibility will be reduced to near zero in the heaviest squalls.

## Snow/Ice Details

- Heavy snow is expected at times.
- Locally higher amounts of snow are expected, especially in the higher terrain and where snow squalls persist.

## Forecast Confidence Details

Models have handled the early season lake effect setup fairly well the past few days. Much of the snow will be confined to the primary snowbelt but other areas will also get in on the action thanks to the overall setup and winds aloft that favor multiple bands over a wide open Lake Erie. Where banding persists and who receives the heaviest snow is the only big question that remains. We will have to wait for the event to start before we can fully answer this question.

## Other Details

- Wind chill values will fall into the middle teens. Ensure crews are dressed appropriately for the cold weather conditions and take occasional breaks in a warm area.
- Pre-treating recommended as conditions will be dry prior to event onset and will help keep some of the initial snow from accumulating. Over time, plowing and additional treatment will be needed.