

Wind Chill Warning

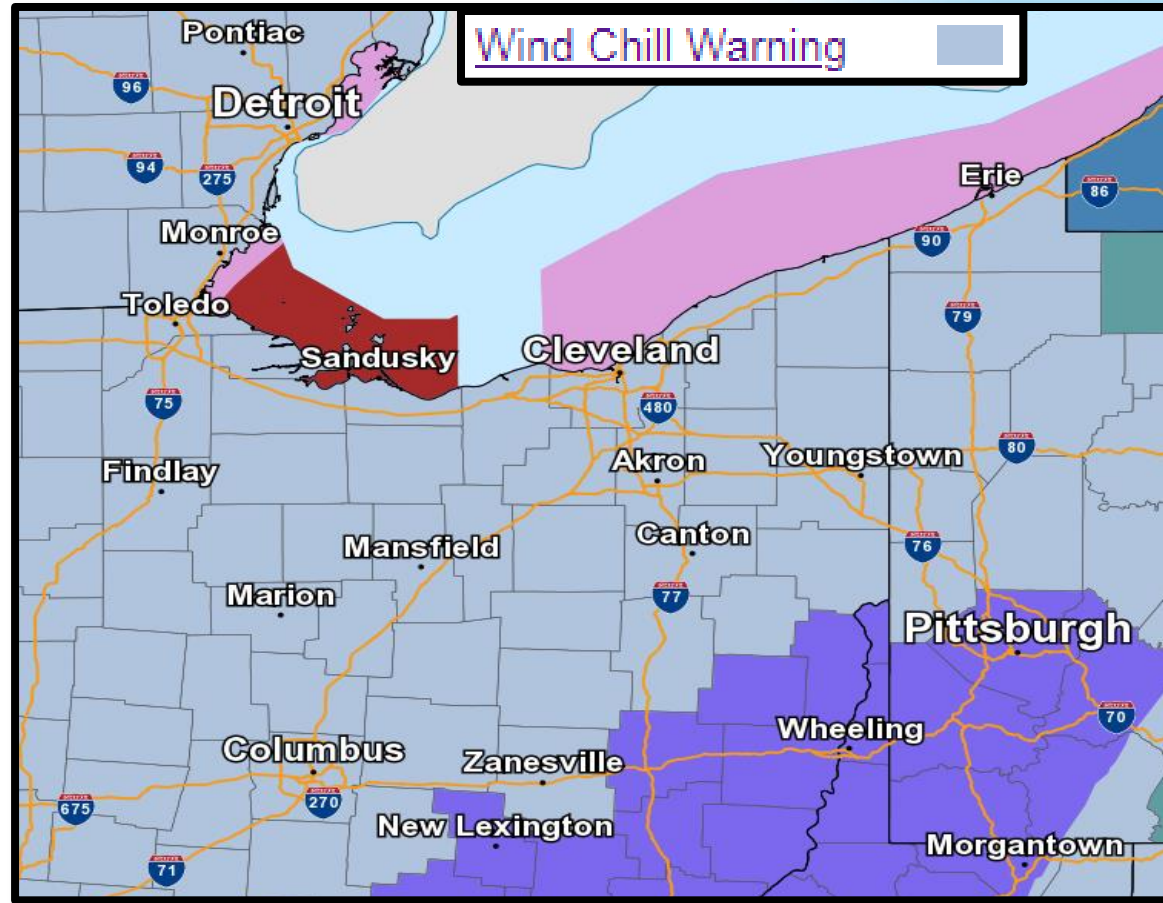
Timing:

This Evening through
Thursday Afternoon

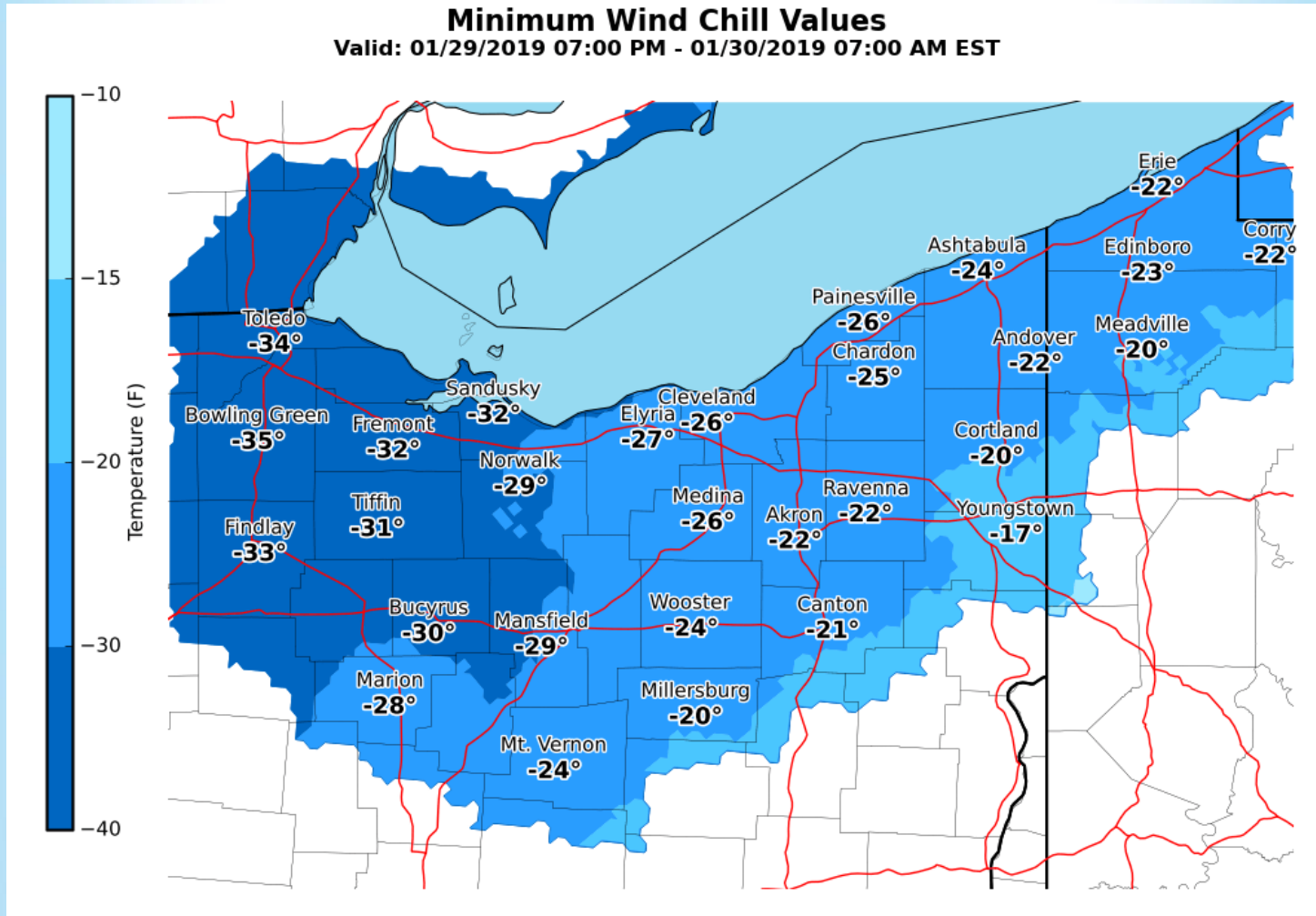
What to Expect:

- Temperatures today will continue to drastically fall to the single digits by evening.
- Temperatures will reach below zero tonight and likely remain sub-zero through Thursday afternoon.
- Winds 10 to 20 mph, gusting to 30 mph will persist over the area during this time.
- The resulting wind chill could reach -25F to -35F and perhaps as low as -40F in NW Ohio.
- Wind chills this low could cause frostbite in the matter of minutes and local infrastructure could be susceptible to the extreme cold.

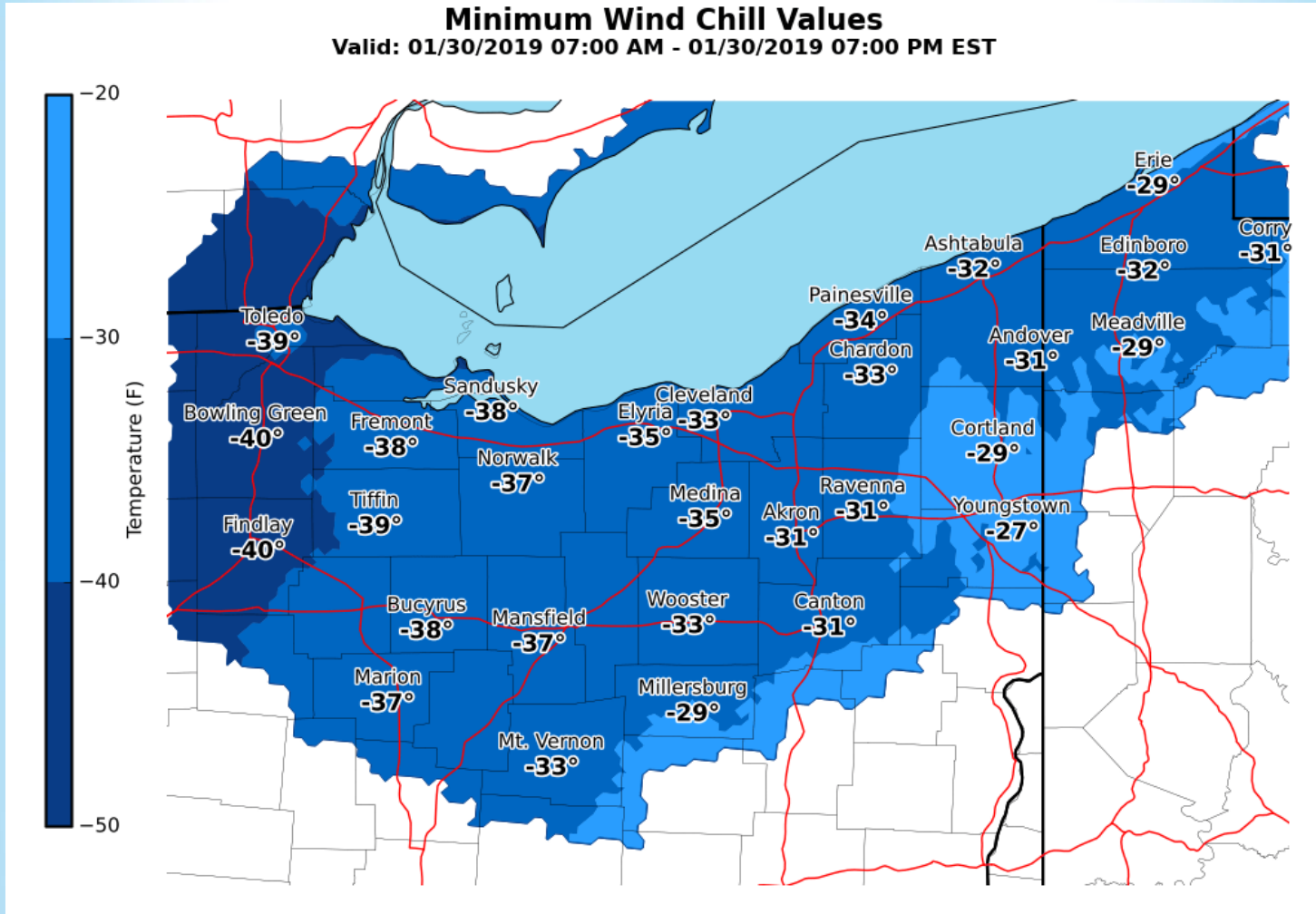
HAZARDS		Frigid Temperatures		Extremely Dangerous Wind Chills
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Tuesday Night/Wednesday Morning Minimum Wind Chill

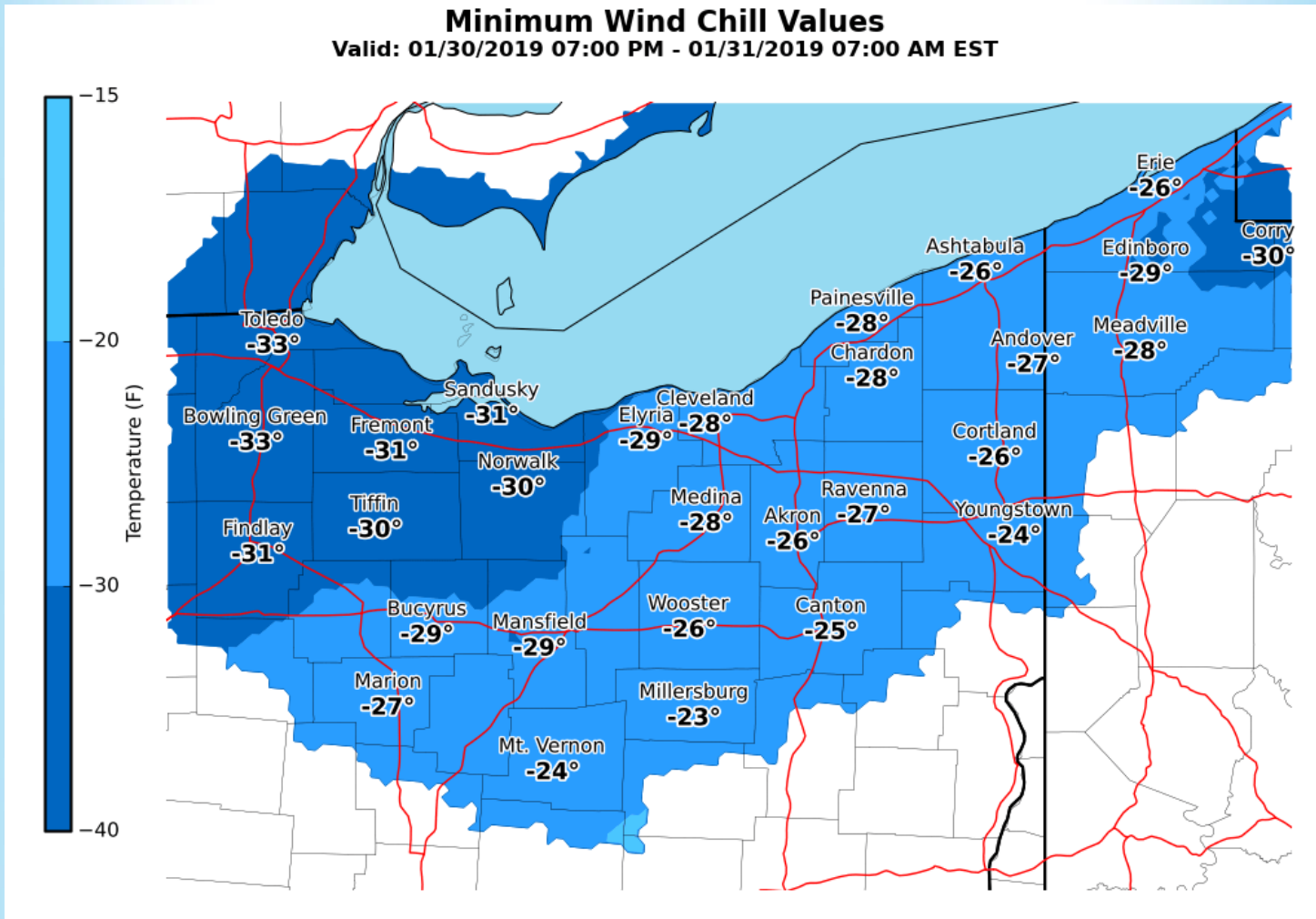


Wednesday Minimum Wind Chill Values



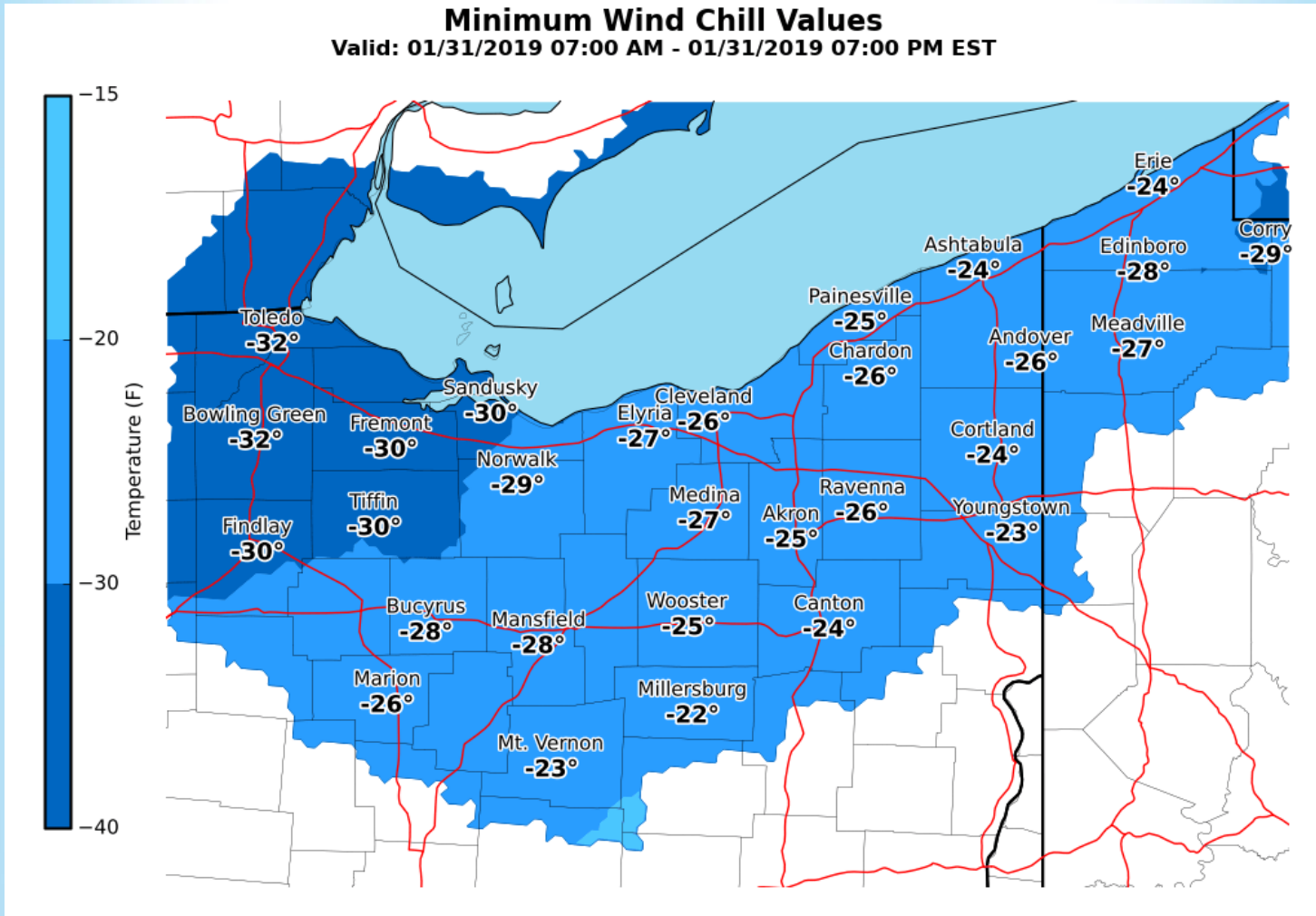


Wednesday Night/Thursday Morning Minimum Wind Chill



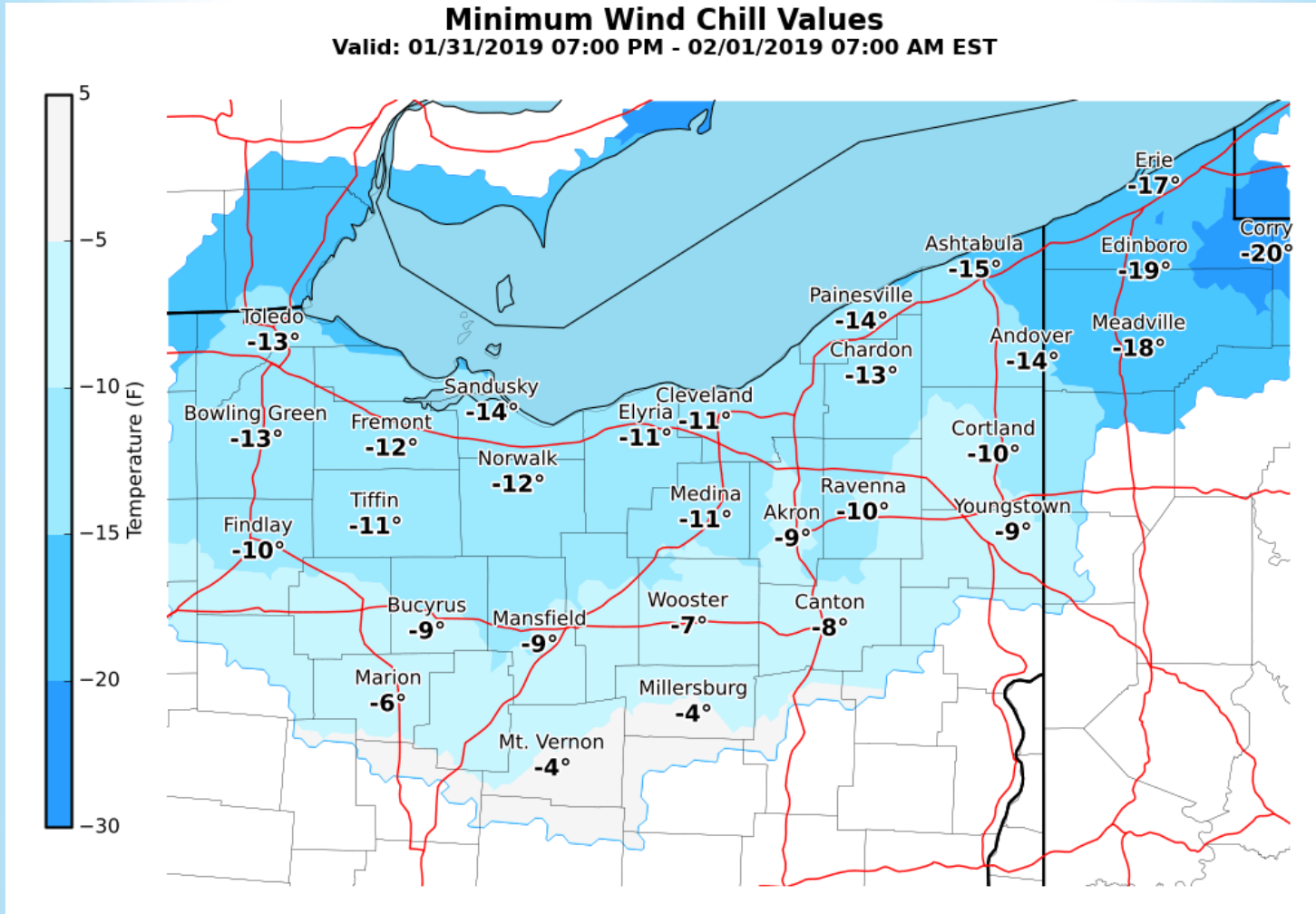


Thursday Minimum Wind Chill Values





Thursday Night/Friday Morning Minimum Wind Chill Values



Outdoor Safety – During Cold Weather

- Dress warmly and stay dry.
- Wear a hat, scarf, and mittens.
- If you have to do heavy outdoor chores, work slowly.
- Avoid walking on ice or getting wet.
- Notify friends and family where you will be before you go hiking, camping, or skiing.
- Avoid traveling on ice-covered roads, overpasses, and bridges if at all possible.
- If you are stranded, it is safest to stay in your car.

<https://www.cdc.gov/disasters/winter/duringstorm/outdoorsafety.html>



Outdoor Safety – During Cold Weather

Adults and children should wear:

- a hat
- a scarf or knit mask to cover face and mouth
- sleeves that are snug at the wrist
- mittens (they are warmer than gloves)
- water-resistant coat and boots
- several layers of loose-fitting clothing

<https://www.cdc.gov/disasters/winter/during-storm/outdoorsafety.html>



Layer-up:

1.Inner Layer: Wear fabrics that will hold more body heat and don't absorb moisture. Wool, silk, or polypropylene will hold more body heat than cotton.

2.Insulation Layer: An insulation layer will help you retain heat by trapping air close to your body. Natural fibers, like wool or goose down, or a classic fleece work best.

3.Outer Layer: The outermost layer helps protect you from wind, rain, and snow. It should be tightly woven, and preferably water and wind resistant, to reduce loss of body heat.

Indoor Safety – During Cold Weather

- Be careful when using wood stoves, fireplaces, or space heaters to heat your home.
- Avoid using candles during a power outage. Use flashlights or lanterns instead.
- Never use an electric generator or a gas or charcoal grill indoors. The fumes are deadly. Conserve heat in your home.
- Monitor body temperature for infants and older adults.
- Leave water taps slightly open to prevent pipes from freezing.
- Eat well balanced meals to stay warm. Avoid alcohol and caffeine

<https://www.cdc.gov/disasters/winter/duringstorm/indoorsafety.html>

Indoor Safety During Cold Weather



Place space heaters at least 3 feet from combustible items



Install and maintain carbon monoxide and smoke detectors



NEVER light a grill or wood burner in your home!

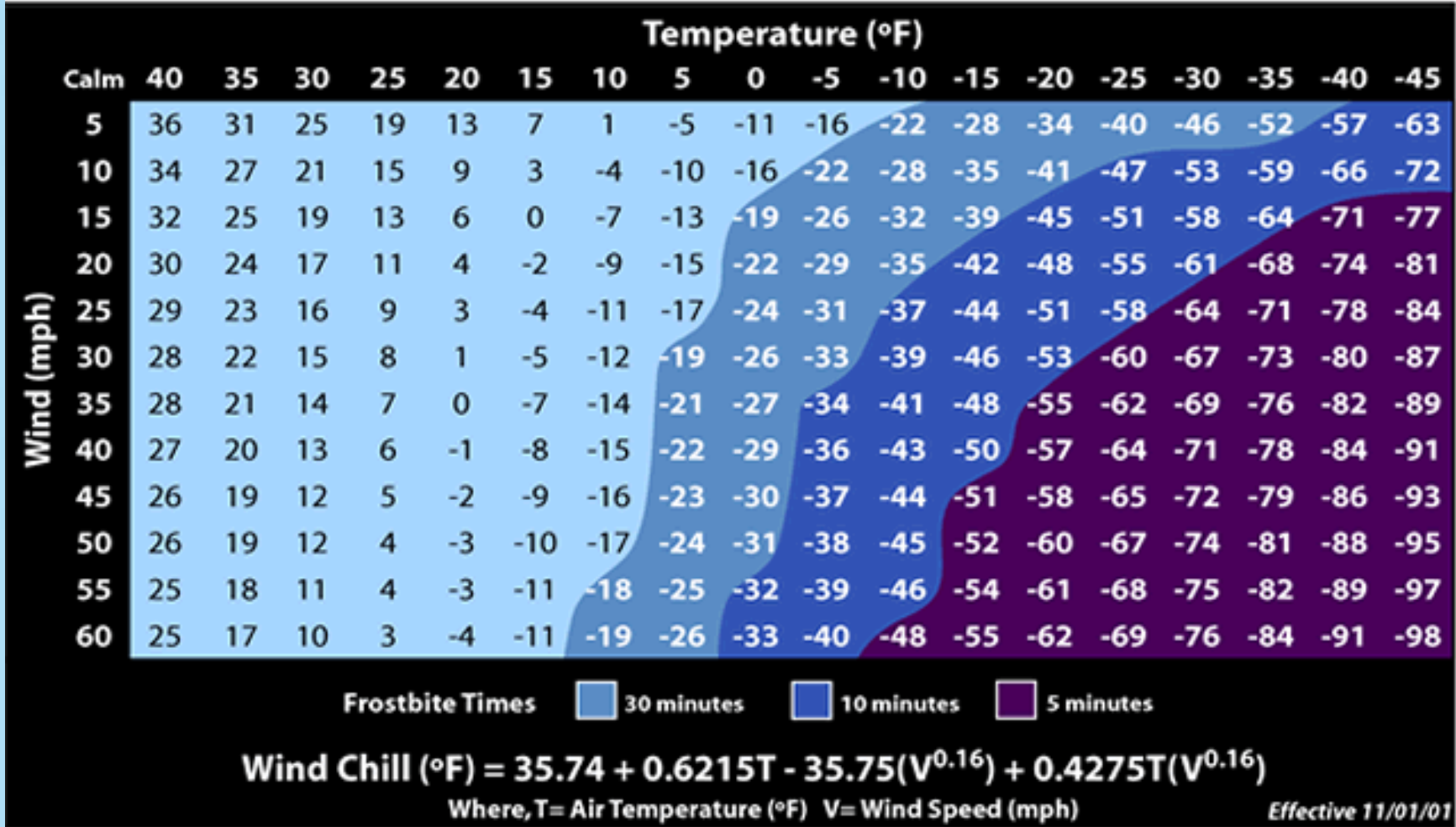


Make sure portable generators are properly ventilated





Wind Chill Chart



Be Ready! Winter Weather

Weatherproof your home to protect against the cold.

- Install a smoke detector and carbon monoxide detector in your home.
- Have your chimney or flue inspected every year.
- Make sure the batteries are working!
- Insulate walls and attic.
- Caulk and weather-strip doors and windows.

Check out more tips on winter weather indoor safety.

Prepare yourself for exposure to winter weather.

- Never leave lit candles or other flames unattended.
- Bring your pets indoors as temperatures drop!
- Dress warmly and limit exposure to the cold to prevent frostbite.
- Avoid getting wet to prevent hypothermia.

Make sure your car is ready for winter travel.

- Check antifreeze level and have radiator system serviced.
- Replace worn tires and check tire air pressure.
- Keep gas tank full to avoid ice in tank and fuel lines.
- Make a winter emergency kit to keep in your car.

If power lines are down, call your local utility and emergency services.

If power lines fall on your car, warn people not to touch the car or power lines.

www.cdc.gov/phpr/infographics.htm

FROSTBITE

A victim is often unaware of frostbite because frozen tissue is numb.



Signs & Symptoms

- Redness or pain in any skin area may be the first sign of frostbite.

Other signs include:

- a white or grayish-yellow skin area
- skin that feels unusually firm or waxy
- numbness

HYPOTHERMIA

Hypothermia often occurs at very cold temperatures, but can occur at cool temperatures (above 40°F), if a person is wet (from rain, sweat or cold water) and becomes chilled.

Signs & Symptoms

Adults:

- shivering
- exhaustion
- confusion
- fumbling hands
- memory loss
- slurred speech
- drowsiness

Infants:

- bright red, cold skin
- very low energy



If a person's temperature is below 95° get medical attention immediately.



https://www.cdc.gov/cpr/documents/hypothermia-frostbite_508.pdf

❄️❄️❄️❄️ TREAT ❄️❄️❄️❄️

If a person is experiencing hypothermia or frostbite...



https://www.cdc.gov/cpr/documents/hypothermia-frostbite_508.pdf

River Ice Jam Flooding



Contact the NWS if you observe an ice jam. We rely on your reports!

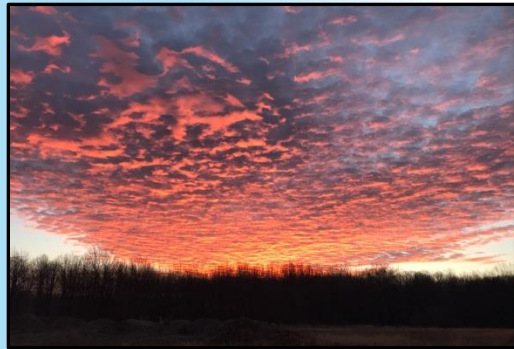


- ✓ Rapid river ice growth expected this week
- ✓ Residents in low lying flood prone areas should be on alert for possible flooding due to ice jams
- ✓ Brief warm up and rain expected Sunday

Timing

- ✓ Wednesday through next week
- ✓ Ice jams are unpredictable and can develop at anytime

Contact and Next Briefing Information



Next Briefing
When: *Around 3 PM Today (Tue)*
Method: *Webinar*



Web:
www.weather.gov/cle



Phone (public):
(216) 265-2370



Facebook:
@NWSCleveland



Twitter:
@NWSCLE

Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 4 PM Tuesday (01/29/19).*