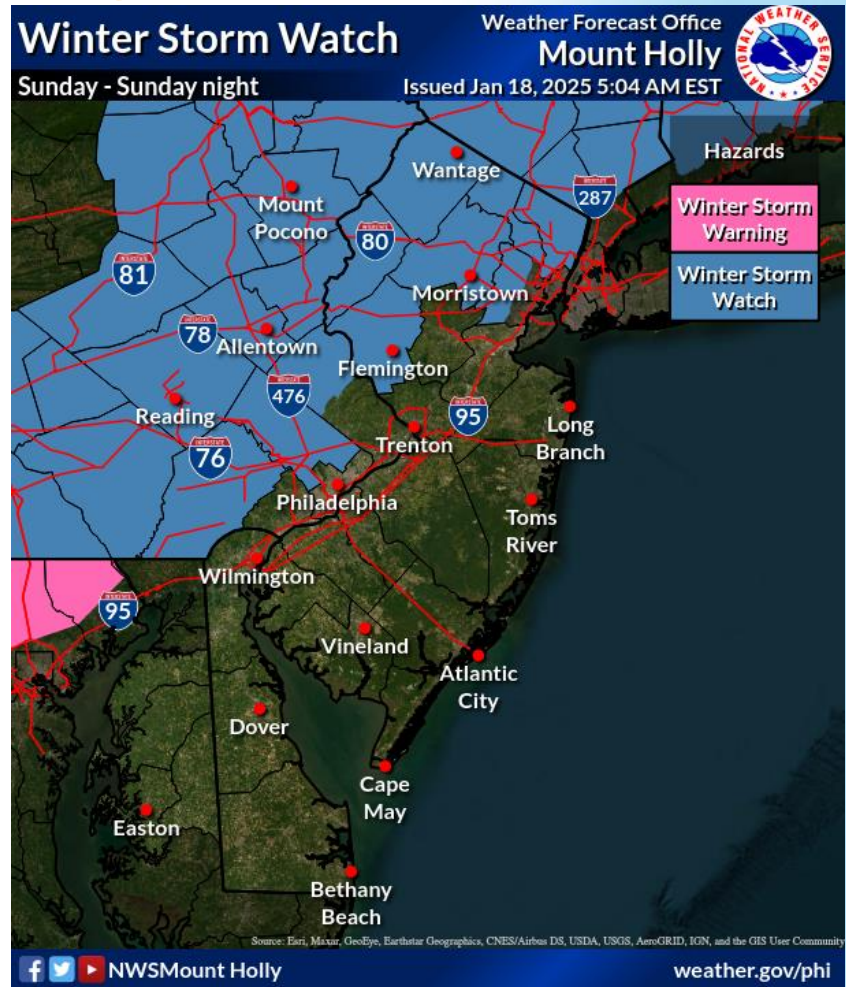


Wintry Precipitation and Extreme Cold Impacts January 19 – 22, 2025




Decision Support Briefing #2
As of: 5 AM Saturday, Jan 18, 2025

What Has Changed?

- ✓ Diminished threat for freezing rain this morning
- ✓ Slight adjustments to forecast snowfall totals



Main Points

Hazard	Impacts	Location	Timing
Snow 	<p>Widespread snowfall accumulations, with snowfall rates potentially exceeding 1” per hour, may lead to snow covered roads and difficult travel</p>	<p>Possible across the region. Highest forecast snow amounts are near and northwest of the Interstate 95 corridor</p>	<p>Starting as early as Sunday morning (Jan 19) through Sunday evening</p>
Dangerous Cold 	<p>Minimum Wind Chills below 0°. Impacts to people, animals, and infrastructure possible, including increased risk of hypothermia & frost bite, and potential for frozen pipes & increased heating energy demand</p>	<p>The entire region; coldest conditions expected in the southern Poconos, northern NJ, and Lehigh Valley</p>	<p>Starting Sunday night (Jan 19) and continuing through Wednesday night (Jan 22)</p>
Marine/ Freezing Spray 	<p>Freezing spray could lead to hazardous marine vessel operations and navigation. Increased ice cover is likely on back bays, Delaware Bay, and tidal Delaware River</p>	<p>Delaware Bay and Atlantic Coastal waters adjacent to NJ and DE</p>	<p>Late Sunday (Jan 19) through Wednesday (Jan 22)</p>

Summary of Greatest Impacts



Snow: I-95 corridor and northwest

None

Limited

Elevated

Significant

Extreme



Dangerous Cold: Across the entire region

None

Limited

Elevated

Significant

Extreme



Freezing Spray: DE Bay and Coastal waters

None

Limited

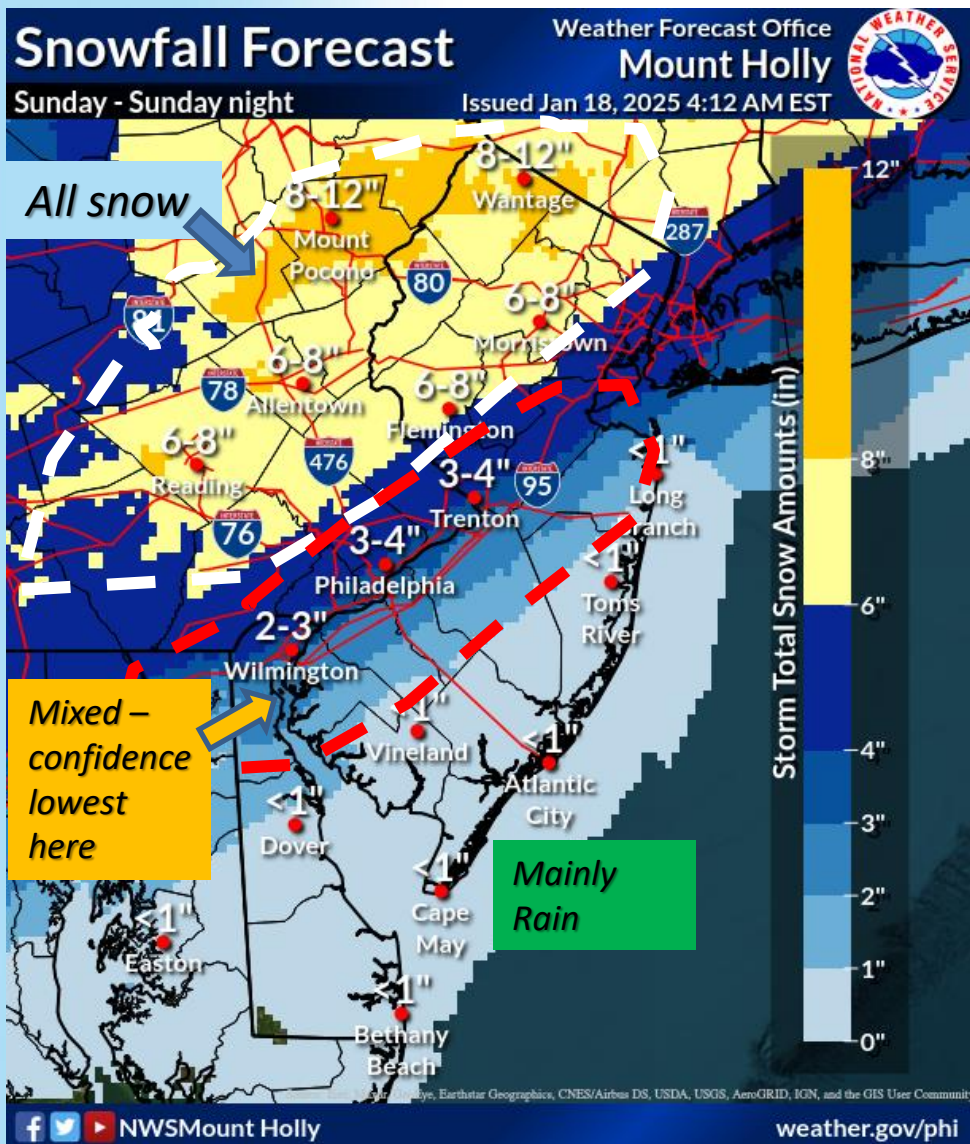
Elevated

Significant

Extreme

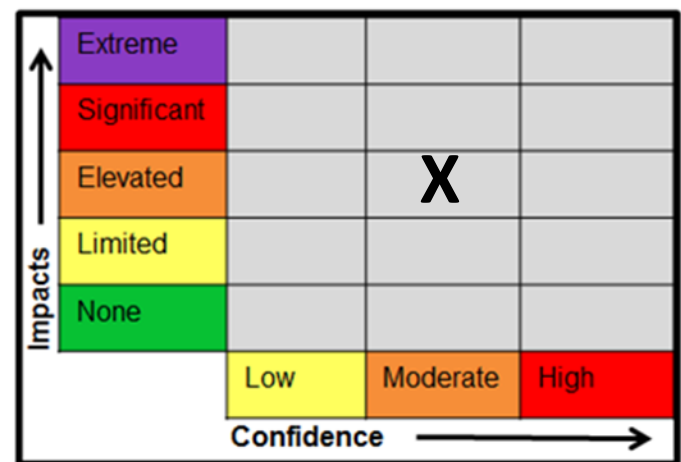


Expected Snowfall Accumulation

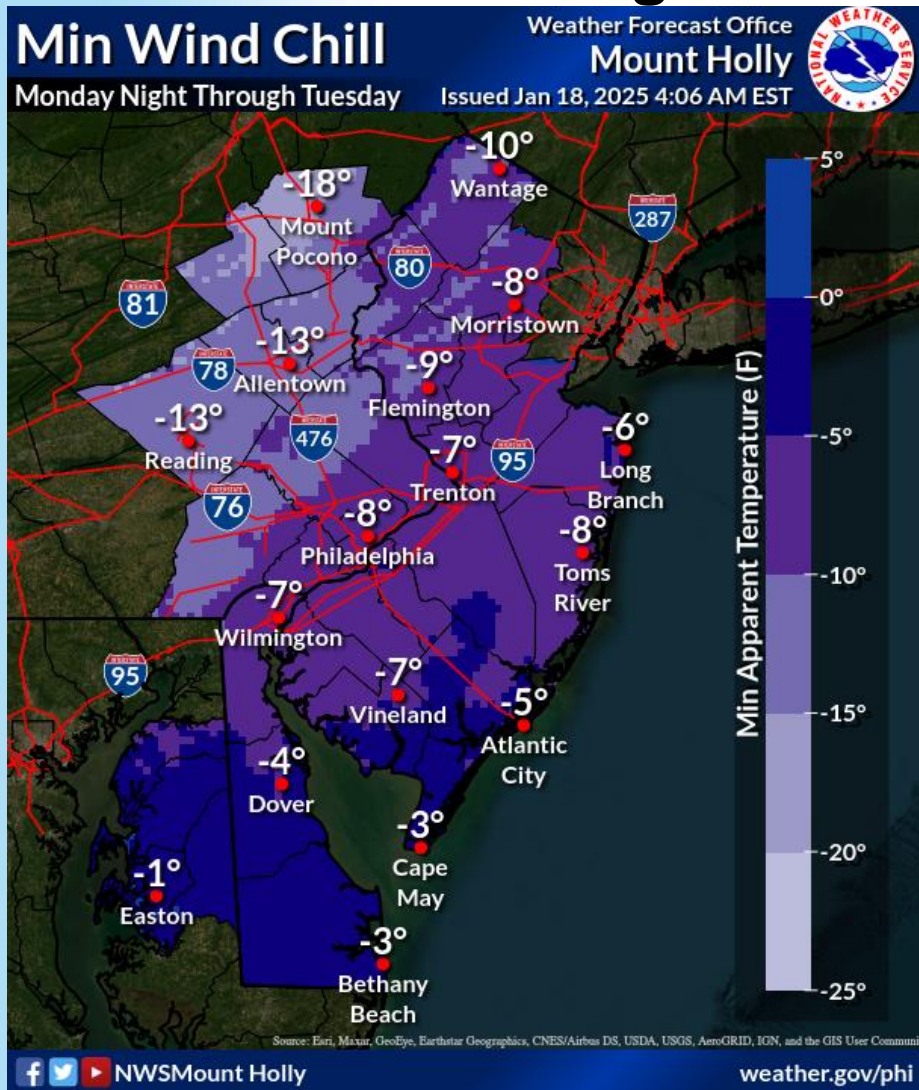


Uncertainty in Snowfall Forecast:

- ✓ Confidence is overall moderate (40-60%) → lowest near the I-95 corridor since this will be near the rain/snow line. A slight shift in storm track could shift higher snow amounts SE into this area.
- ✓ Snowfall rates could exceed 1" per hour near and northwest of the I-95 corridor.



Dangerously Cold Conditions – Monday night through Thursday morning



- ✓ Temperatures falling well below freezing Sunday night, and remain below freezing until at least Friday.
- ✓ The coldest period will be Monday night through Thursday morning.
- ✓ High temperatures mainly in the teens, lows in the single digits to below 0°.
- ✓ Night time wind chills below 0°, and only recover into the single digits during the daytime.



Low and High Temperatures – Tuesday

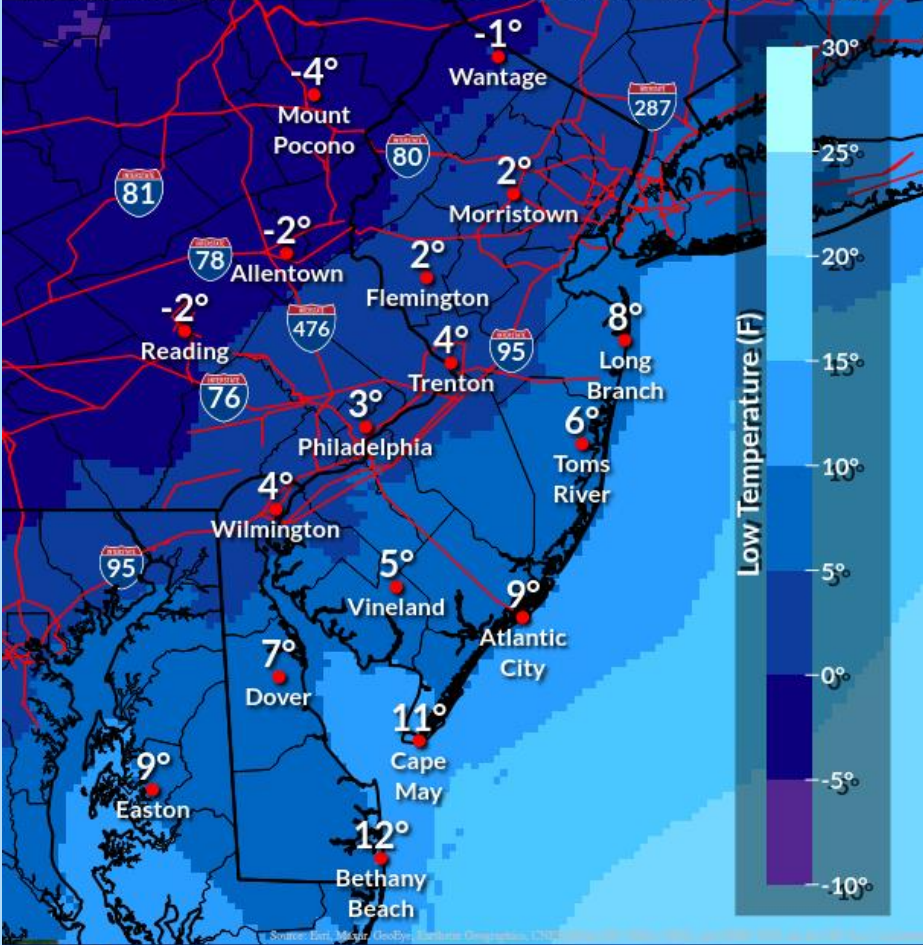
Low Temperatures

Weather Forecast Office
Mount Holly



Tuesday morning

Issued Jan 18, 2025 4:17 AM EST



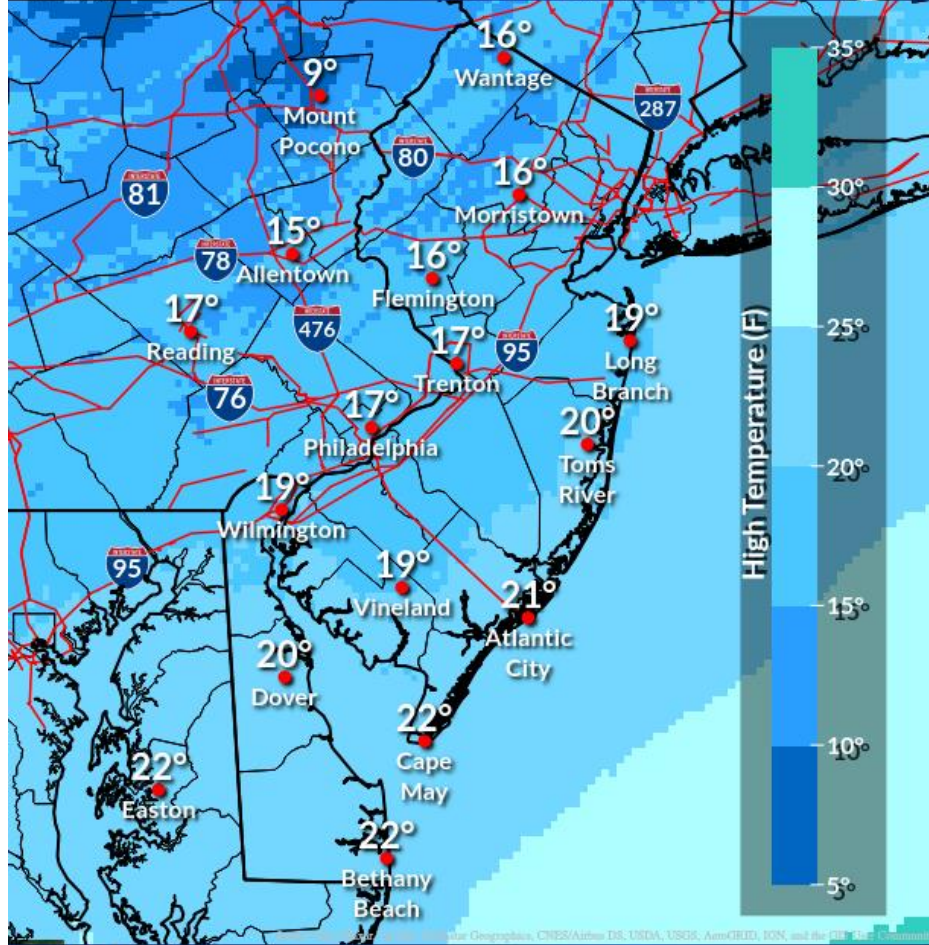
High Temperatures

Weather Forecast Office
Mount Holly



Tuesday

Issued Jan 18, 2025 4:17 AM EST



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Event Summary

- ✓ Sunday (Jan. 19): Widespread snow accumulations, with snowfall rates potentially exceeding 1" per hour, may result in travel difficulties. Greatest totals of 6-10" forecast northwest of the I-95 corridor. Snow mixing with rain closer to the coast, with totals of 1-3" possible.
- ✓ Sunday night (Jan. 19) through Wednesday night (Jan. 22): Dangerously cold conditions with minimum wind chills below 0° are likely to lead to impacts for people, animals, and infrastructure. There will be an increased risk of hypothermia and frost bite. Impacts to infrastructure could include frozen pipes and increased demand for heating energy.
- ✓ Sunday night (Jan. 19) through Wednesday (Jan. 22): A combination of freezing spray on open waters and an increase in ice cover on back bays, Delaware Bay, and the tidal Delaware River is likely to result in hazardous conditions for operating and navigating marine vessels.

Contact and Next Briefing Information



Next Briefing
When: By 4 PM Saturday



Briefing Webpage:
www.weather.gov/media/phi/current_briefing.pdf



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