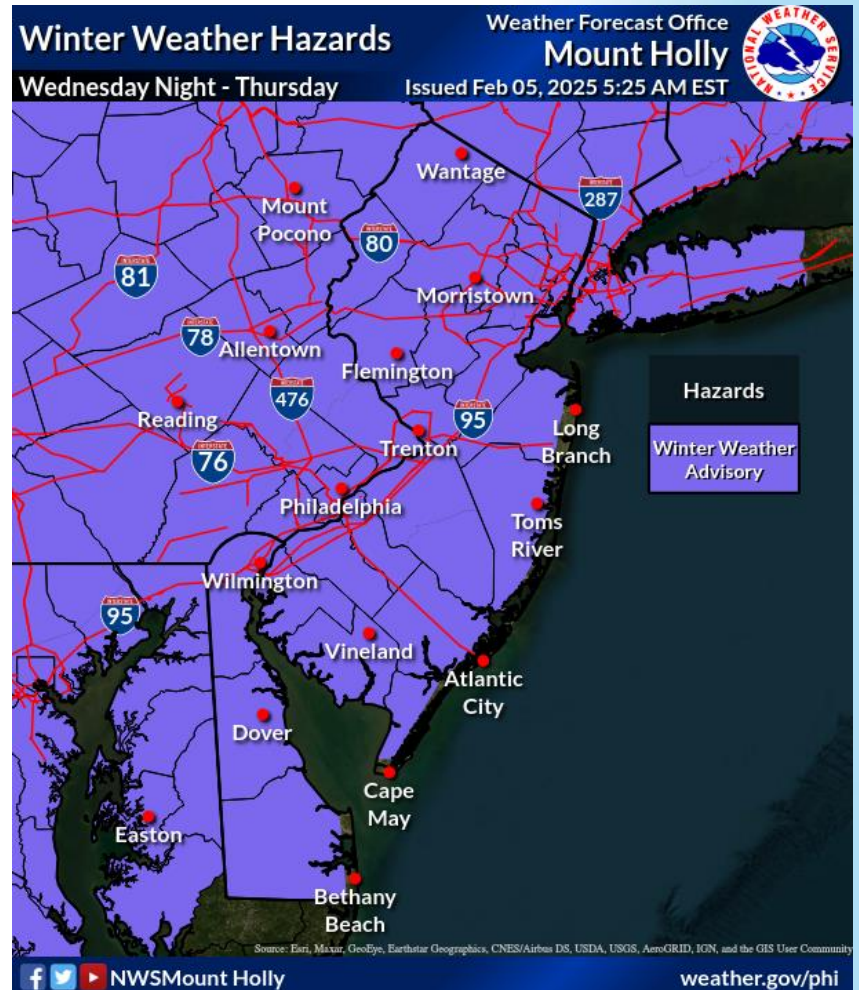


Wintry Precipitation February 5-6, 2025



Decision Support Briefing #3 As of: 6 AM Wed, Feb 5, 2025

What Has Changed?

- ✓ *Winter Weather Advisories expanded to all areas except for the coastal strips of New Jersey and Delaware*
- ✓ *Minor changes to forecast snow and ice totals*



Main Points

Hazard	Impacts	Location	Timing
<p>Wintry Mix & Ice</p> 	<p>A mix of snow, sleet, and freezing rain may lead to icy roads and hazardous travel</p>	<p>Entire region. Greatest chance eastern PA and northern NJ. Lowest chance along the coastal strip of DE and NJ.</p>	<p>Wednesday night through Thursday morning. Potential impacts to Thursday morning commute. Transition to mostly rain by Thursday afternoon</p>
<p>Snow/Sleet</p> 	<p>Snow and sleet accumulations up to 2 inches may lead to icy roads and hazardous travel.</p>	<p>Greatest snow/sleet accumulations across the Poconos and northwest NJ, mainly along the I-78 corridor and points north.</p>	<p>Begins late Wednesday afternoon/evening. Transition to a wintry mix by Thursday morning and to mostly rain by Thursday afternoon</p>

Summary of Greatest Impacts



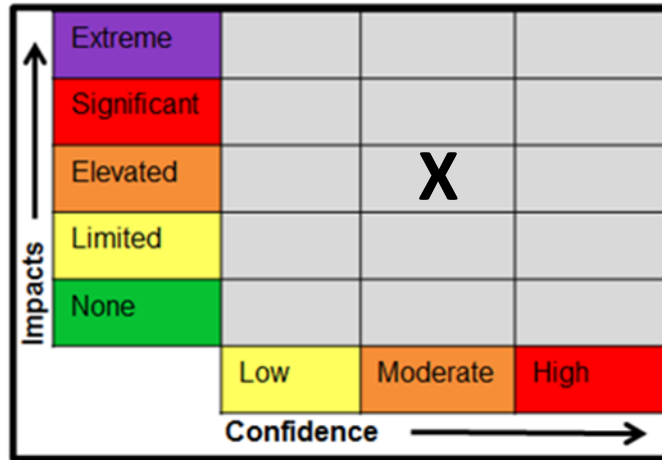
Wintry Mix/Ice: Entire Region



Snow/Sleet: I-80 Corridor and North



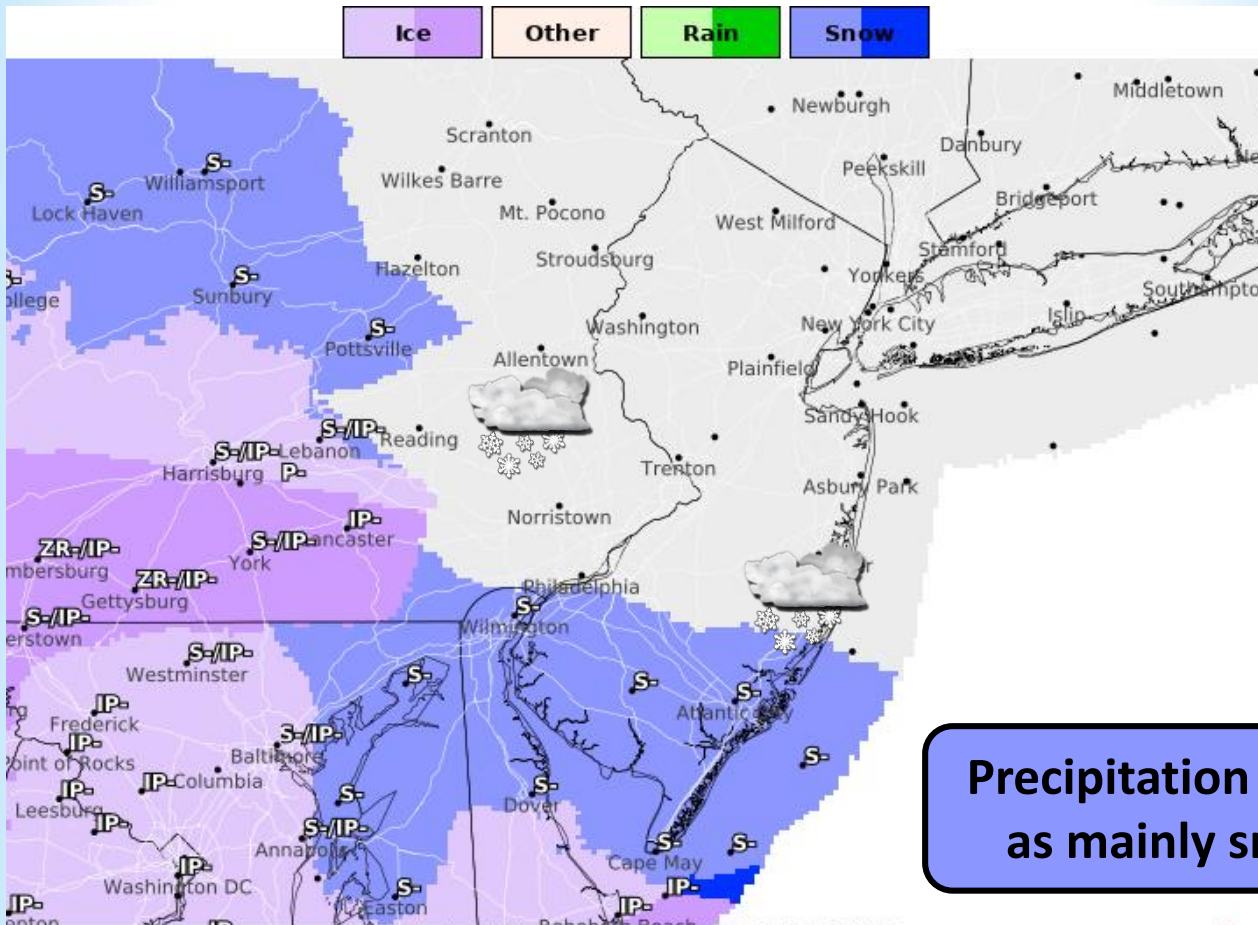
**Confidence is still low however regarding specific details*



Overall Impacts vs. Confidence



Forecast Precipitation Type 7 PM Wednesday (*evening commute*)

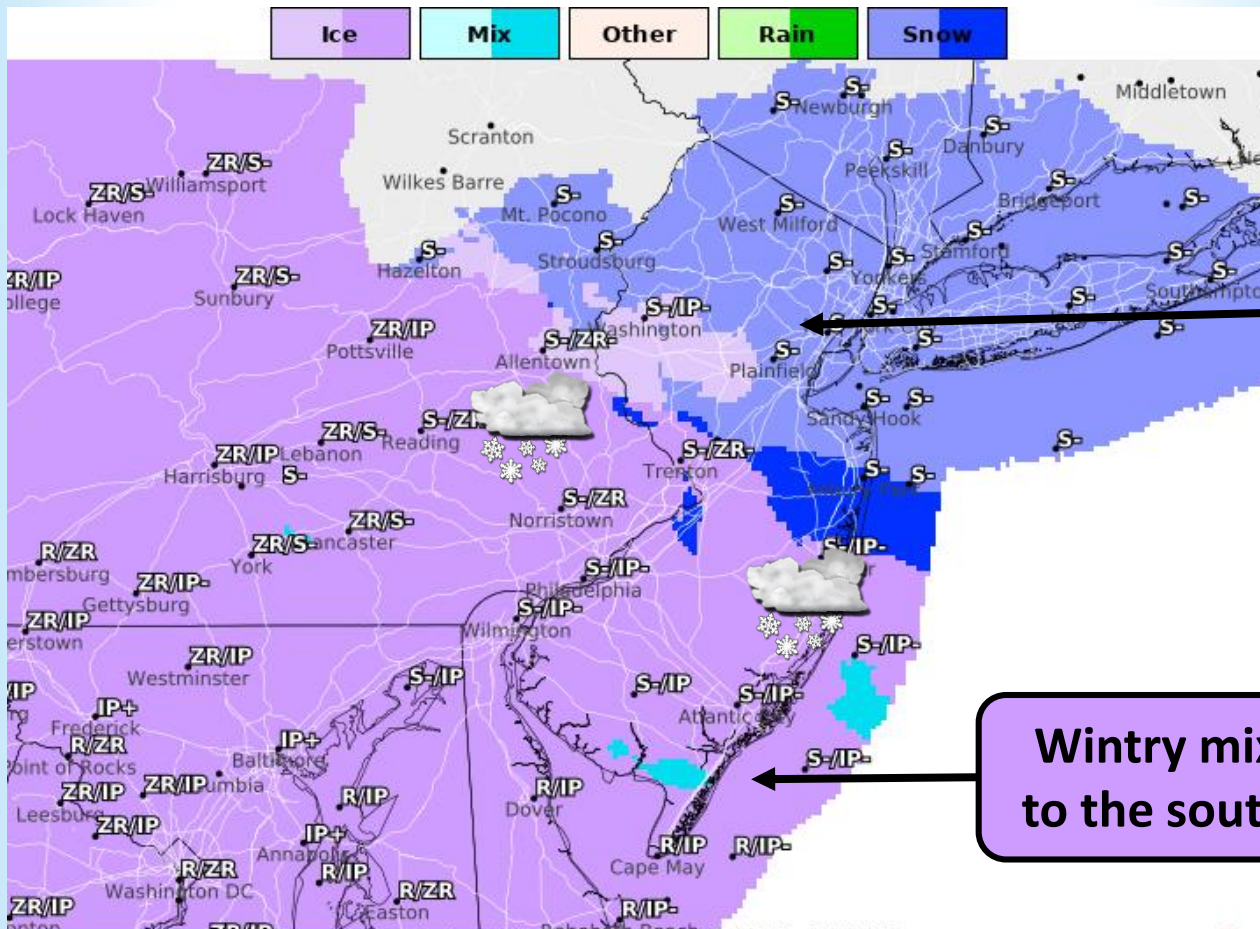


**Precipitation starts
as mainly snow**

Predominant Weather for: Wed, Feb 05 2025, 7 PM EST
National Digital Forecast Database
Issued: Feb 05 2025, 5:00 AM EST



Forecast Precipitation Type 1 AM Thursday



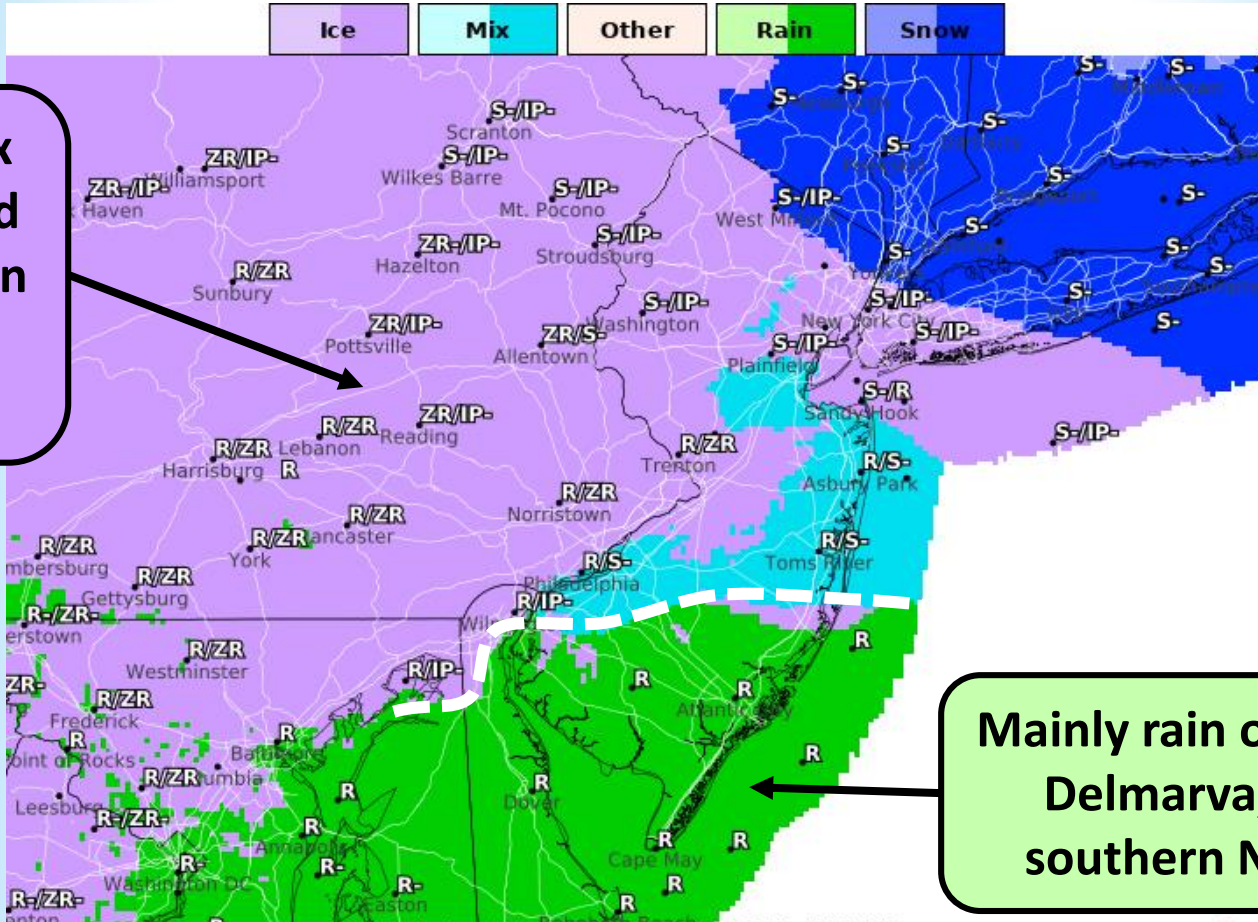
Snow to the north

Wintry mix to the south

Predominant Weather for: Thu, Feb 06 2025, 1 AM EST
National Digital Forecast Database
Issued: Feb 05 2025, 5:00 AM EST



Forecast Precipitation Type 7 AM Thursday (*morning commute*)



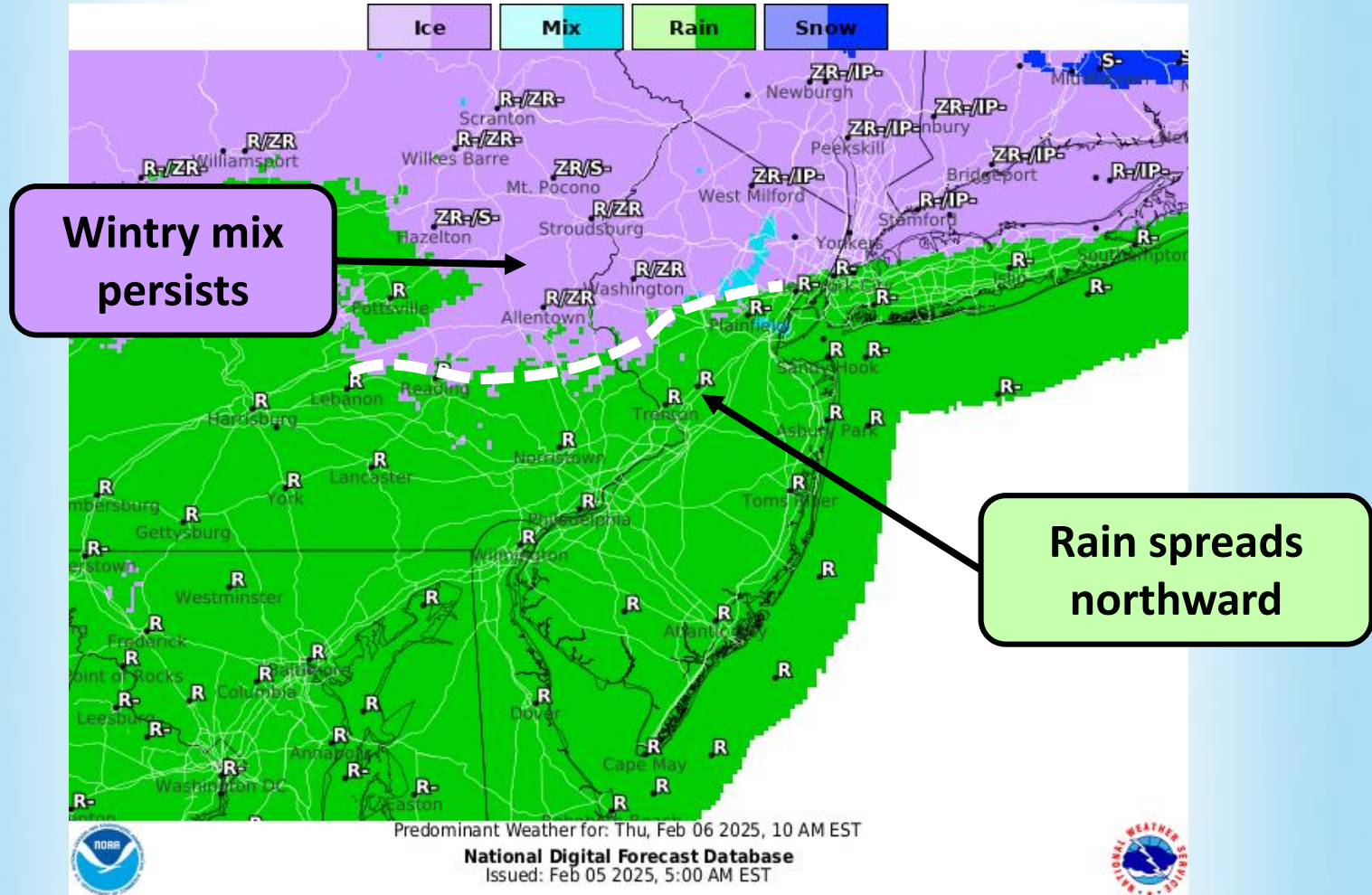
**Wintry mix
of sleet and
freezing rain
Thursday
morning**

**Mainly rain over
Delmarva,
southern NJ**

Predominant Weather for: Thu, Feb 06 2025, 7 AM EST
National Digital Forecast Database
Issued: Feb 05 2025, 5:00 AM EST



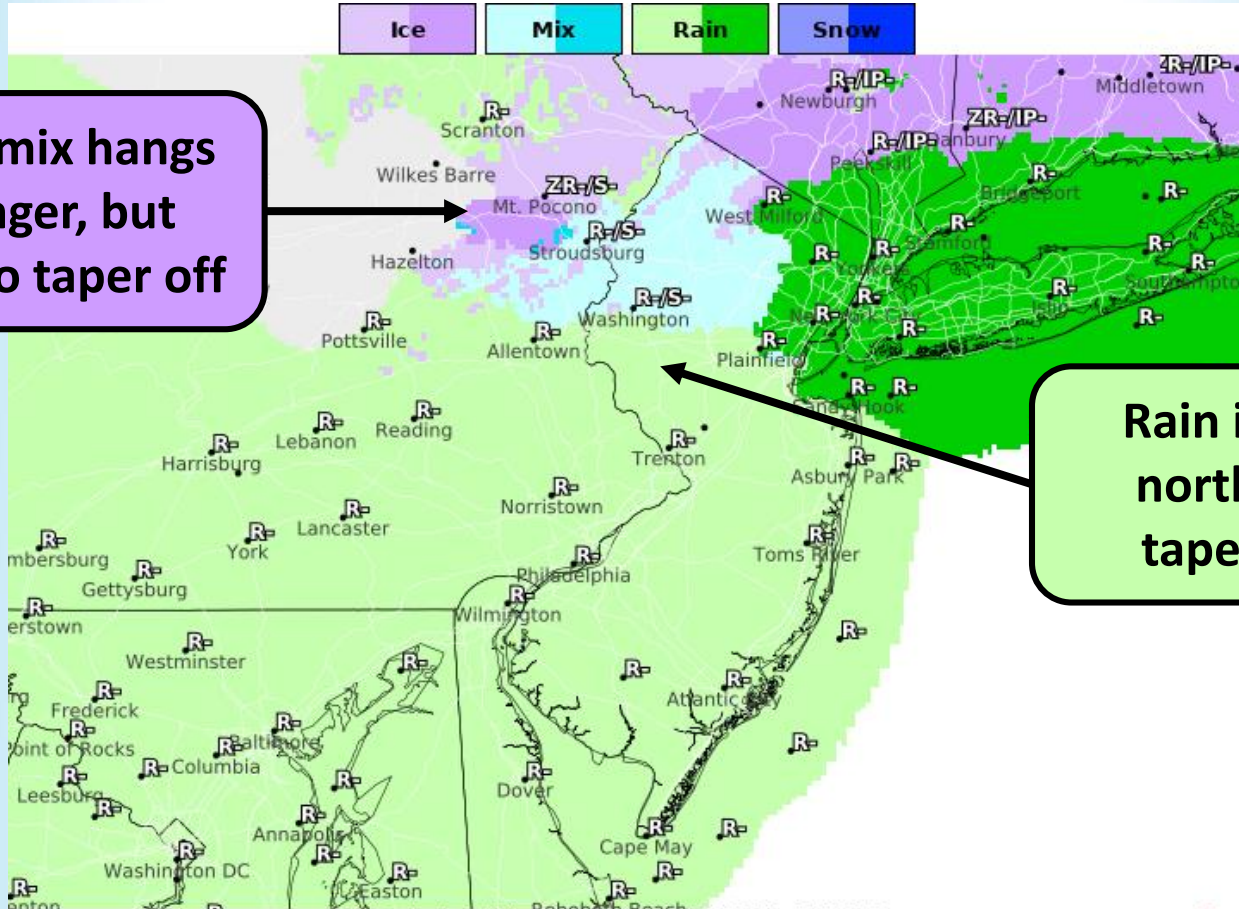
Forecast Precipitation Type 10 AM Thursday



Forecast Precipitation Type 1 PM Thursday



Wintry mix hangs on longer, but begins to taper off

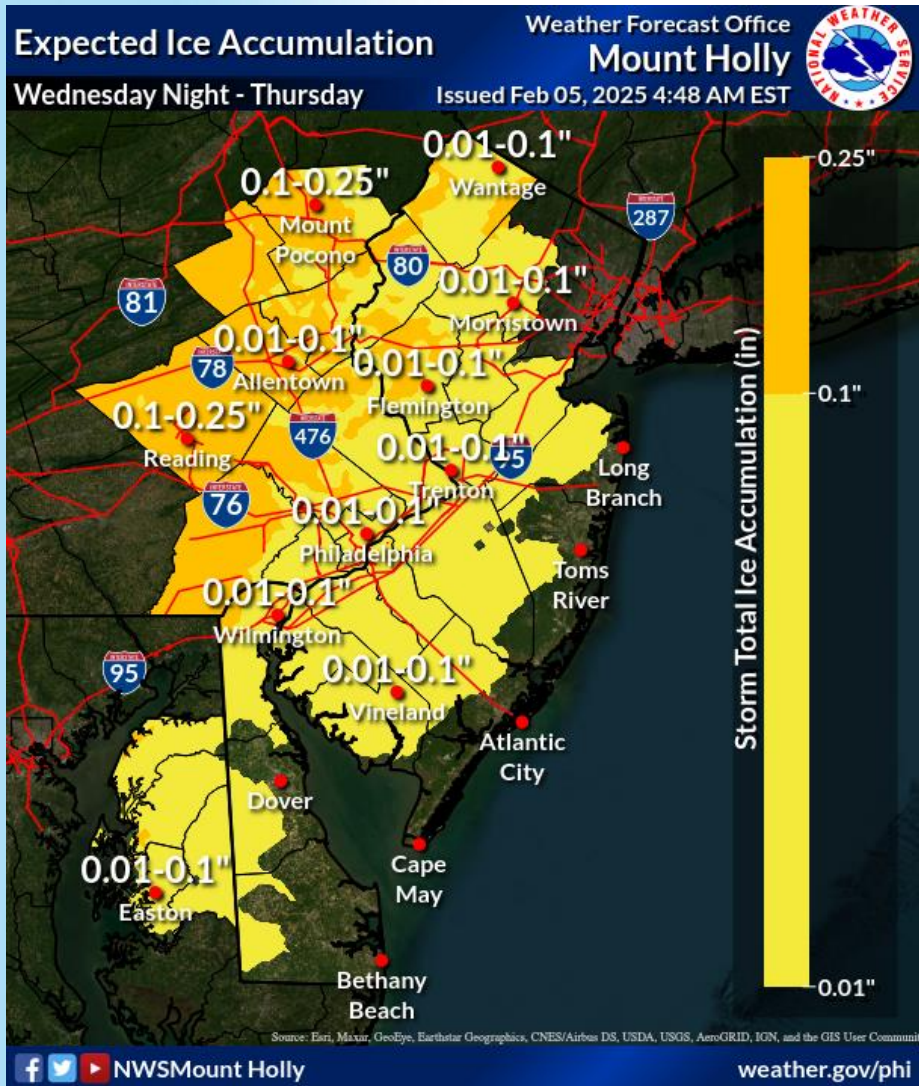


Rain inches north, but tapers off

Predominant Weather for: Thu, Feb 06 2025, 1 PM EST
National Digital Forecast Database
Issued: Feb 05 2025, 5:00 AM EST

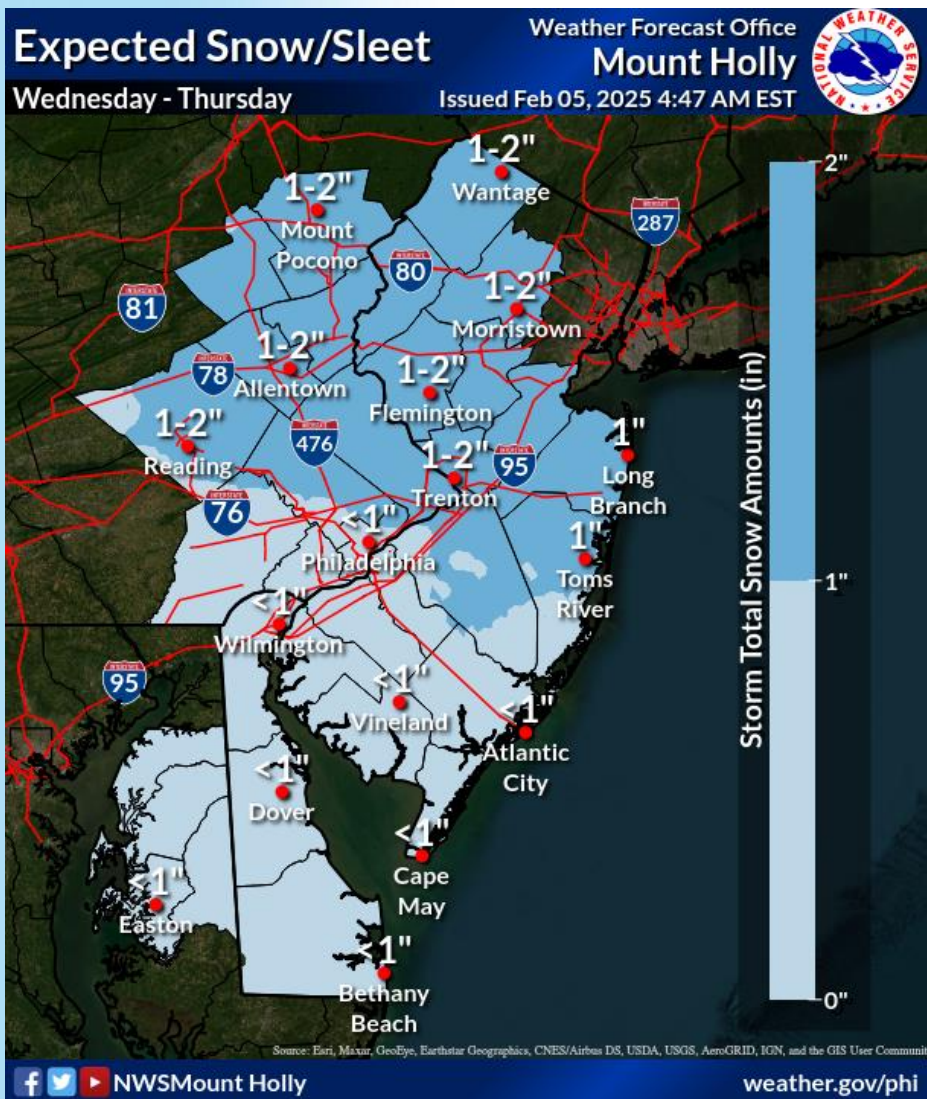


Expected Ice Accumulations



- ✓ Snow, sleet, and freezing rain are all expected in a messy mixed bag of wintry precip beginning Wednesday night and continuing into Thursday.
- ✓ Many locations will start as light snow before changing over to a wintry mix overnight Wednesday
- ✓ Exact precipitation type and forecast totals remain uncertain.
- ✓ **Key Takeaway:** *It will be an icy mess Wednesday night into Thursday morning!*

Expected Snowfall Accumulation



- ✓ Precipitation may begin as snow for most locations late Wednesday afternoon/evening before changing to a wintry mix
- ✓ While snow/sleet totals may only be up to 2 inches, this is expected to be a heavy wet snow compacted by sleet, resulting in an icy slush.
- ✓ Final amounts could go up or down depending on the strength/duration of the system and how long the colder air stays in place
- ✓ **Key Takeaway:** *It will be an icy mess Wednesday night into Thursday morning!*

Event Summary

- ✓ This is still an uncertain forecast with further changes to forecast snow and ice amounts possible. **Regardless, the main takeaway remains the same: wintry precipitation will lead to icy and slippery conditions Wednesday night – Thursday morning.**
- ✓ Colder air in place will result in a little snow initially for much of the region starting Wednesday afternoon/evening. Precipitation will start to the south and spread north through the nighttime hours. As milder air works in from the south, the snow will mix with and change to sleet and freezing rain before changing to plain rain from south to north Wednesday night into Thursday morning.
- ✓ Snow and sleet amounts are expected to be light with freezing rain looking to be the bigger concern. Due to continuing uncertainty in the forecast, the final amounts could certainly go up or down depending on the strength/duration of the system and how long the colder air stays in place.
- ✓ Temperatures are expected to warm after sunrise Thursday, changing most locations over to rain by late morning/early afternoon. The Poconos and northwest New Jersey will be the slowest to changeover.
- ✓ We are getting into a more active pattern with additional wintry systems possible by late Saturday into Saturday night and then again next Tuesday into Wednesday.

Contact and Next Briefing Information



Next Briefing
*When: By 5 PM Wednesday,
February 5th, 2025*



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



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www.weather.gov/phi



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