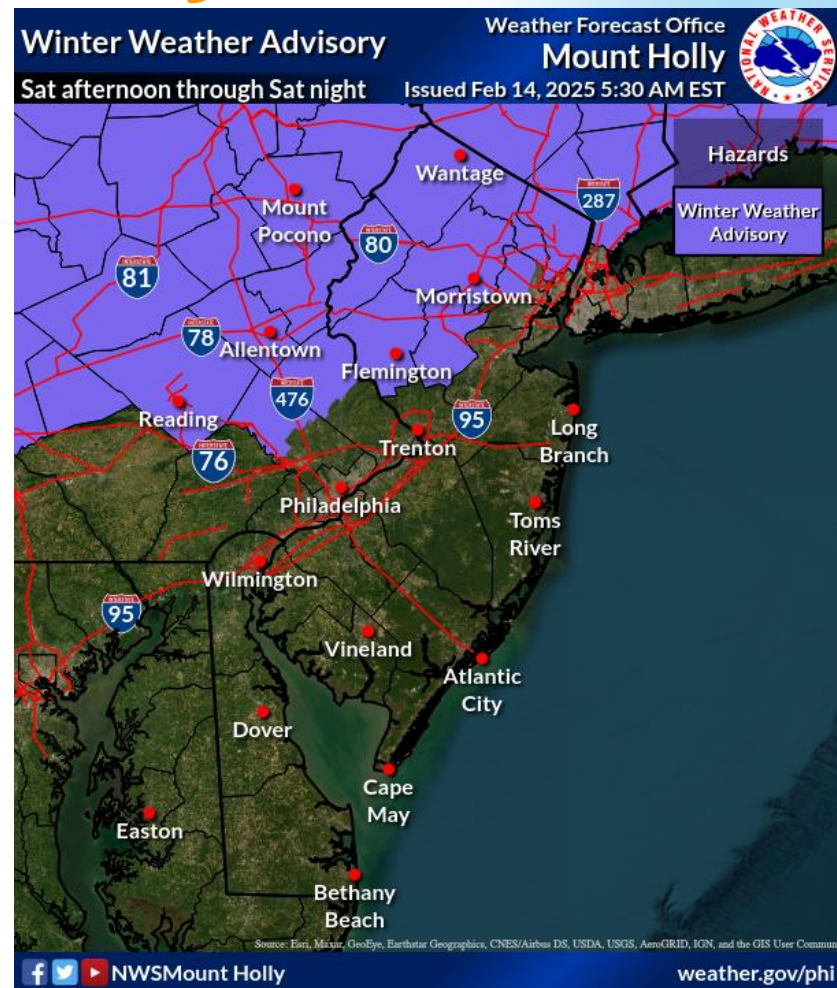


Wintry Precip, Heavy Rain, and High Winds – February 15-17, 2025





Decision Support Briefing #1 As of: 7 AM Friday, Feb 14, 2025

What Has Changed?

- ✓ Initial briefing package
- ✓ Winter Weather Advisory issued northwest of I-95
- ✓ Gale Watch issued for all coastal waters



Main Points

Hazard	Impacts	Location	Timing
Snow to Freezing Rain 	<p>Snowfall accumulations of 2-4", locally up to 5", and ice amounts up to 0.1" (up to 0.4" in the Poconos)</p>	<p>Northwest of I-95 within the <u>Winter Weather Advisory</u> area</p>	<p>Saturday afternoon into Saturday night</p>
Heavy Rainfall 	<p>Widespread rainfall, including liquid equivalent of frozen precip, ranging from 1-2" could lead to localized minor flooding</p>	<p>New Jersey, Delaware, southeast Pennsylvania, and northeastern Maryland</p>	<p>Saturday afternoon through Sunday</p>
High Winds 	<p>West to northwest winds 20-40 mph with gusts ranging from 45-60 mph possible</p>	<p>New Jersey, Delaware, southeast Pennsylvania, and northeastern Maryland. Strongest winds in higher terrain and near coastal areas</p>	<p>Sunday evening through Monday</p>
Marine 	<p>Gale force winds. Low water around the times of low tide</p>	<p>Delaware Bay and Atlantic Coastal waters adjacent to New Jersey and Delaware</p>	<p>Sunday night through Monday night</p>

Summary of Greatest Impacts



Snow to Freezing Rain: Northwest of I-95



Heavy Rainfall: Across the entire region



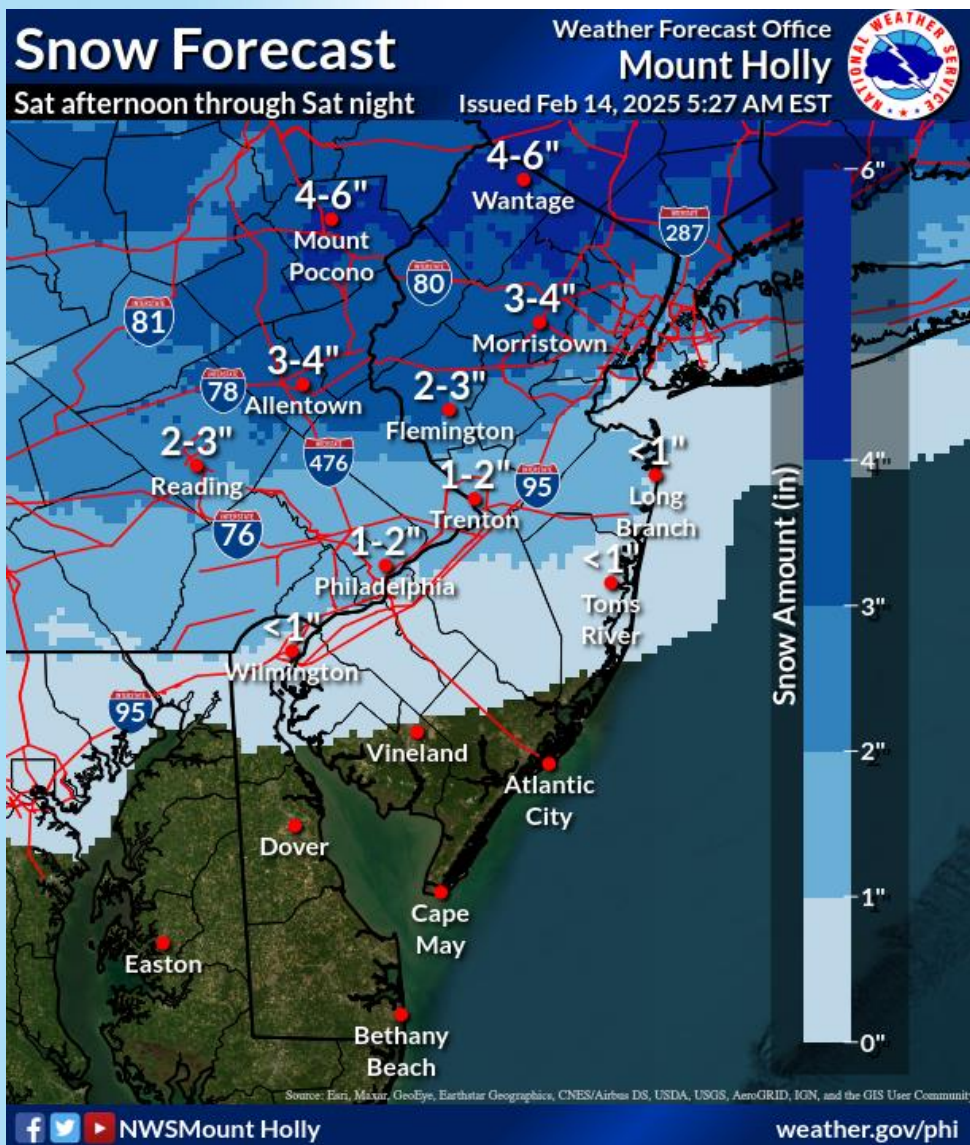
High Winds: Across the entire region



Marine: Atlantic coastal waters & DE Bay



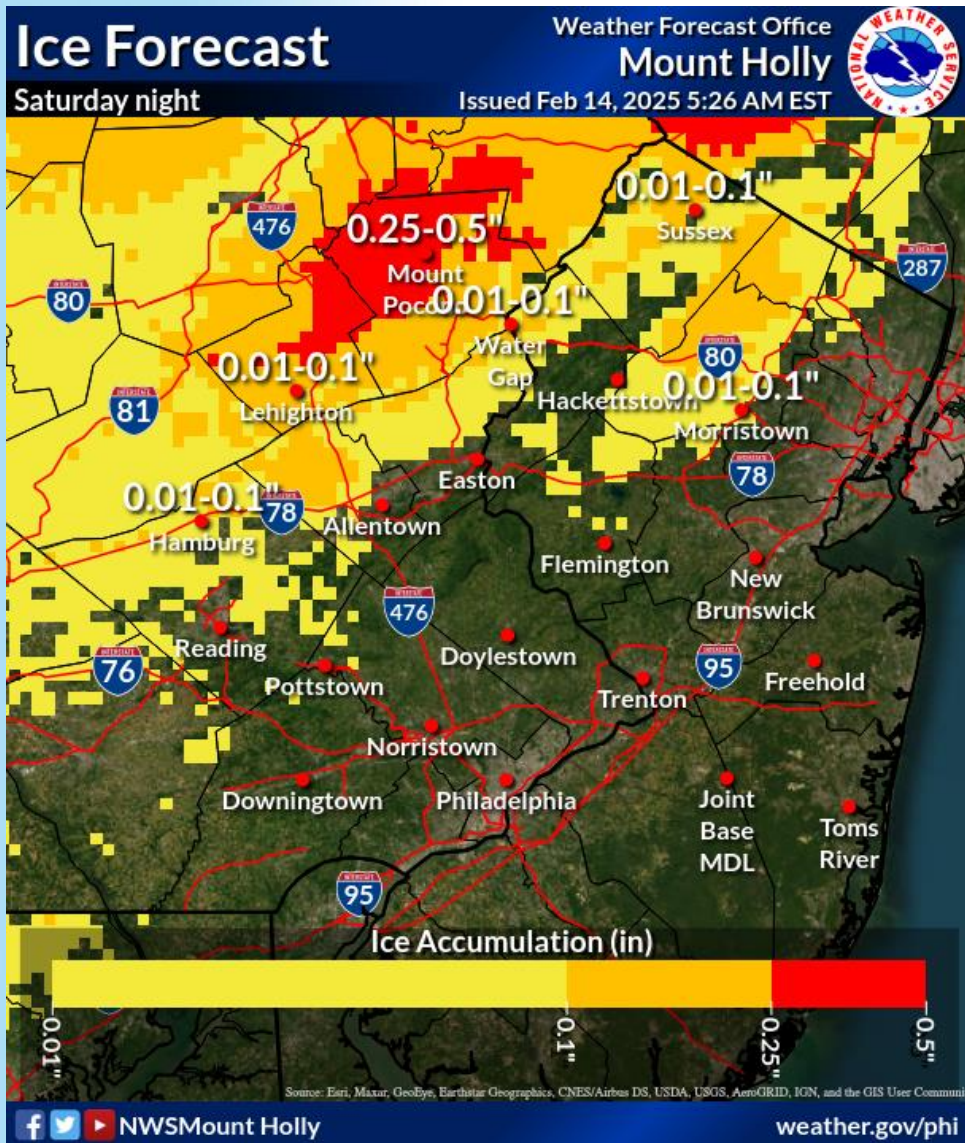
Expected Snowfall Accumulation



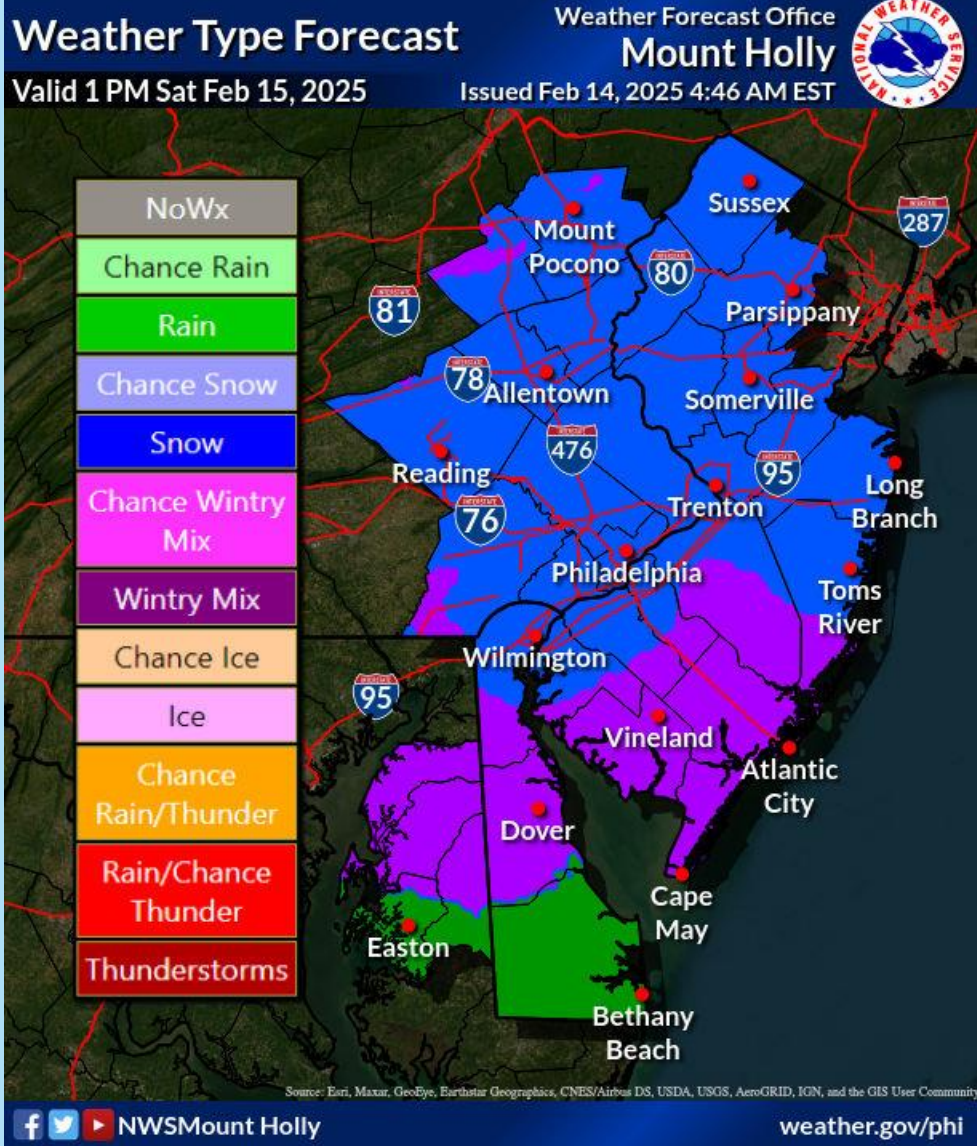
- ✓ Precip beginning as snow near I-95 and north Saturday afternoon
- ✓ Precip changing to rain from south to north as the evening and night progress
- ✓ Some areas of freezing rain in the higher elevations near/north of I-78
- ✓ Limited impacts near I-95

Impacts ↑	Extreme			
	Significant			
	Elevated		X	
	Limited			
	None			
		Low	Moderate	High
		Confidence →		

Expected Ice Accumulation

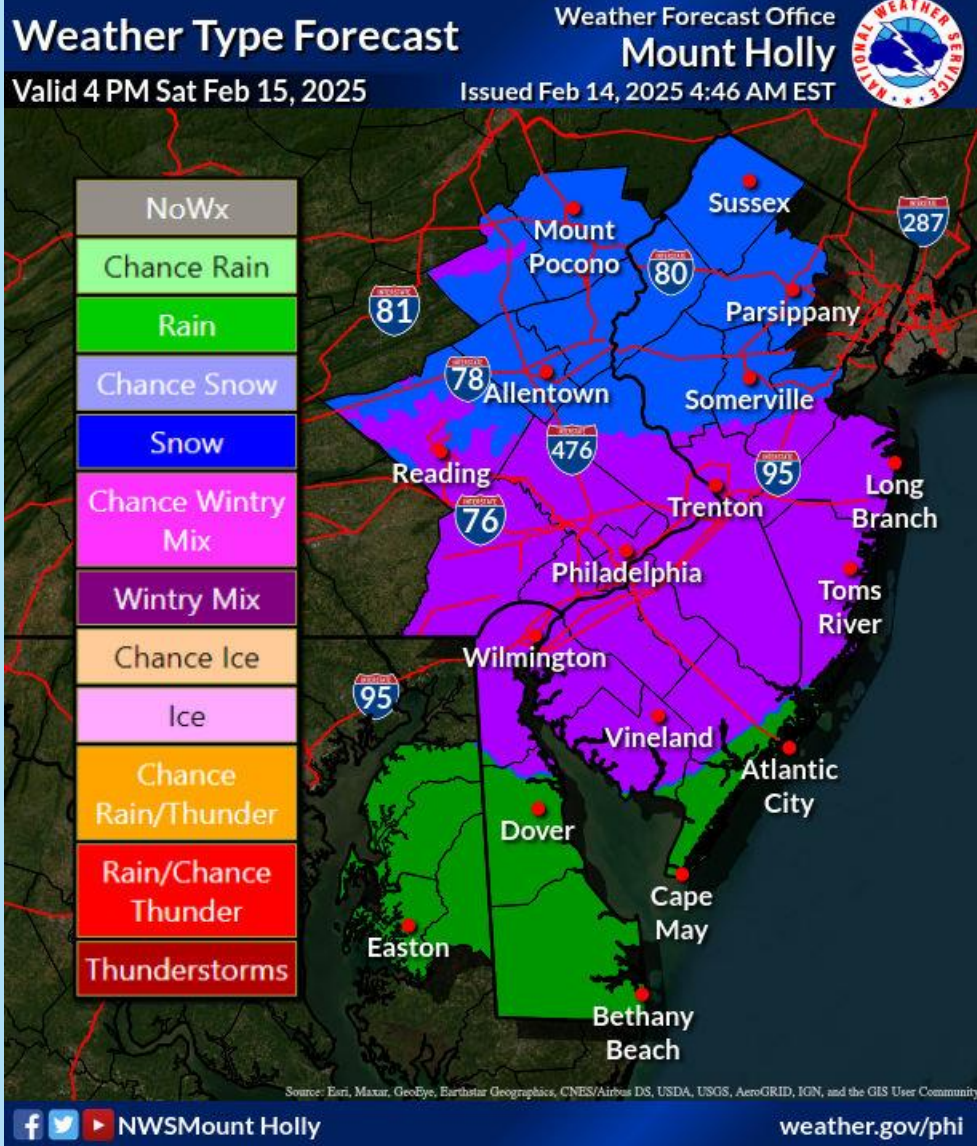


- ✓ Snow changing to some areas of freezing rain in the higher elevations near/north of I-78
- ✓ Ice amounts mainly around 0.1" or less
- ✓ Ice amounts between 0.25-0.50" possible across the Pocono Plateau, potentially leading to some isolated tree damage or power outages
- ✓ Temperatures warming above freezing, with a transition to all rain occurring Saturday night



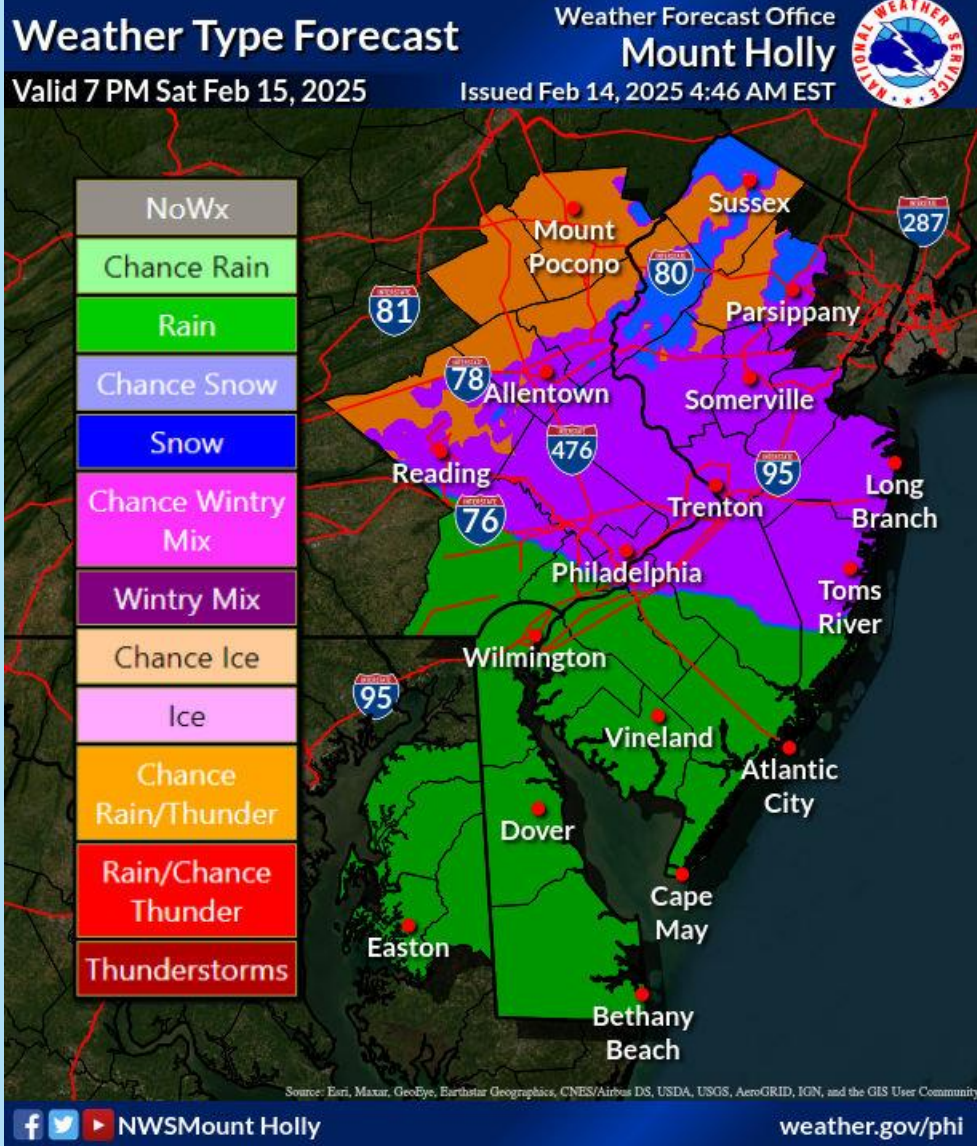
Precipitation Type Forecast

1 PM Saturday



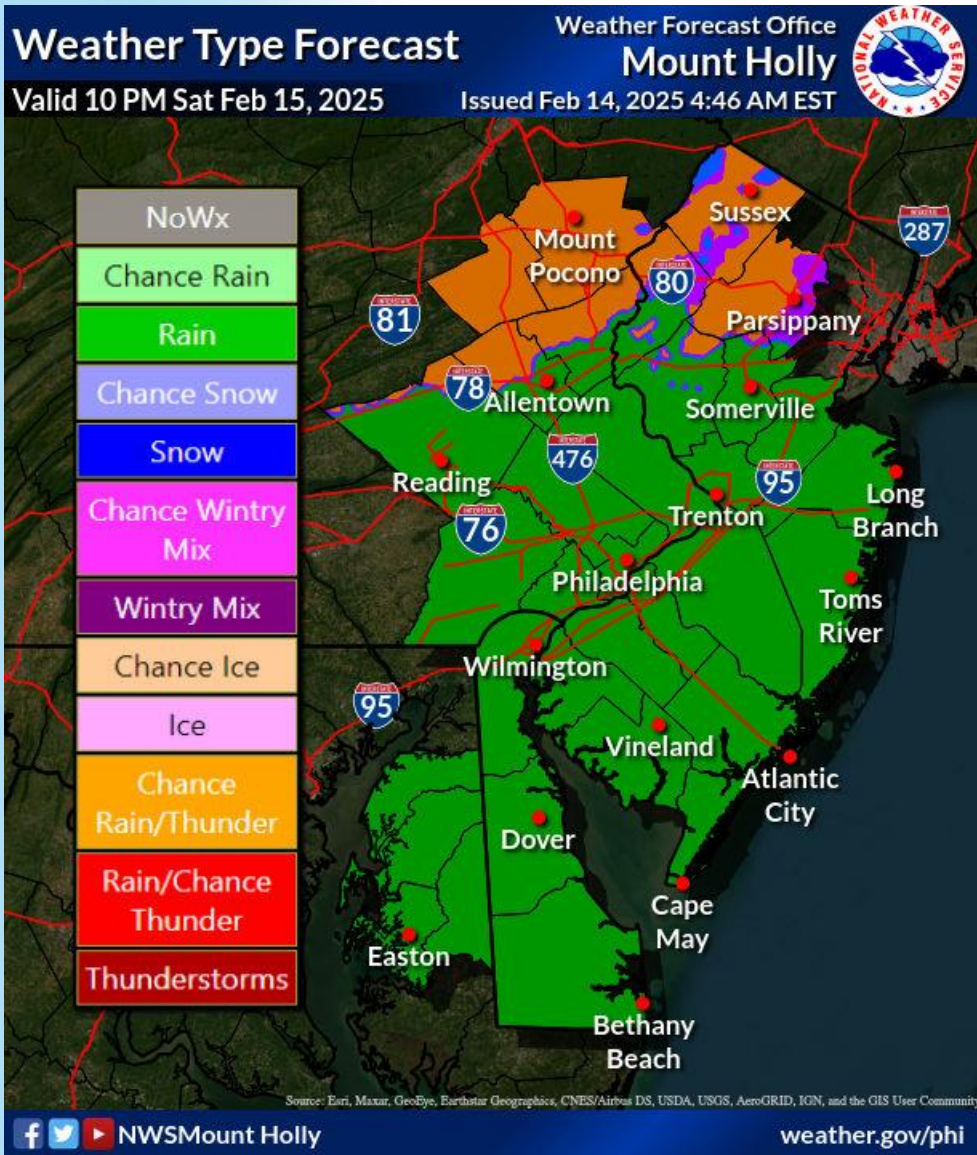
Precipitation Type Forecast

4 PM Saturday



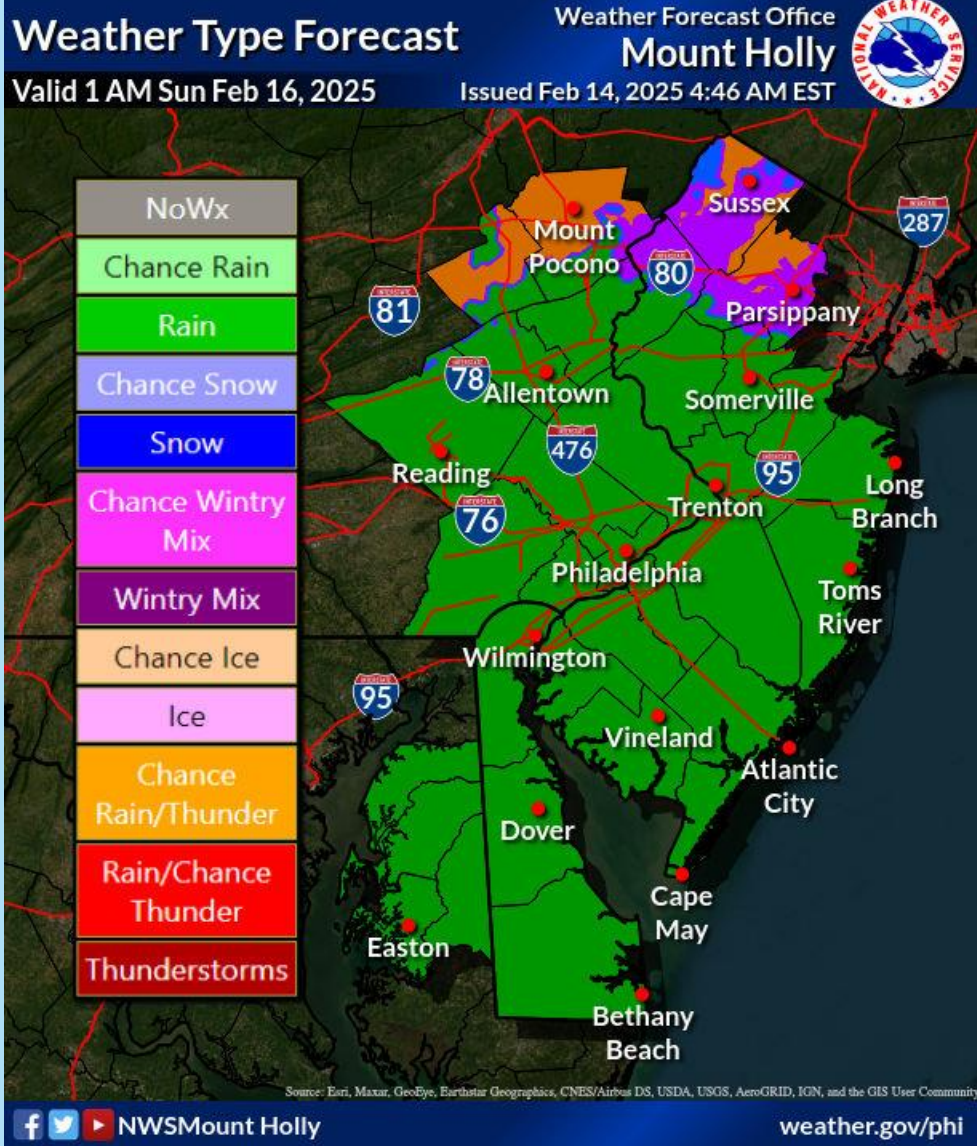
Precipitation Type Forecast

7 PM Saturday



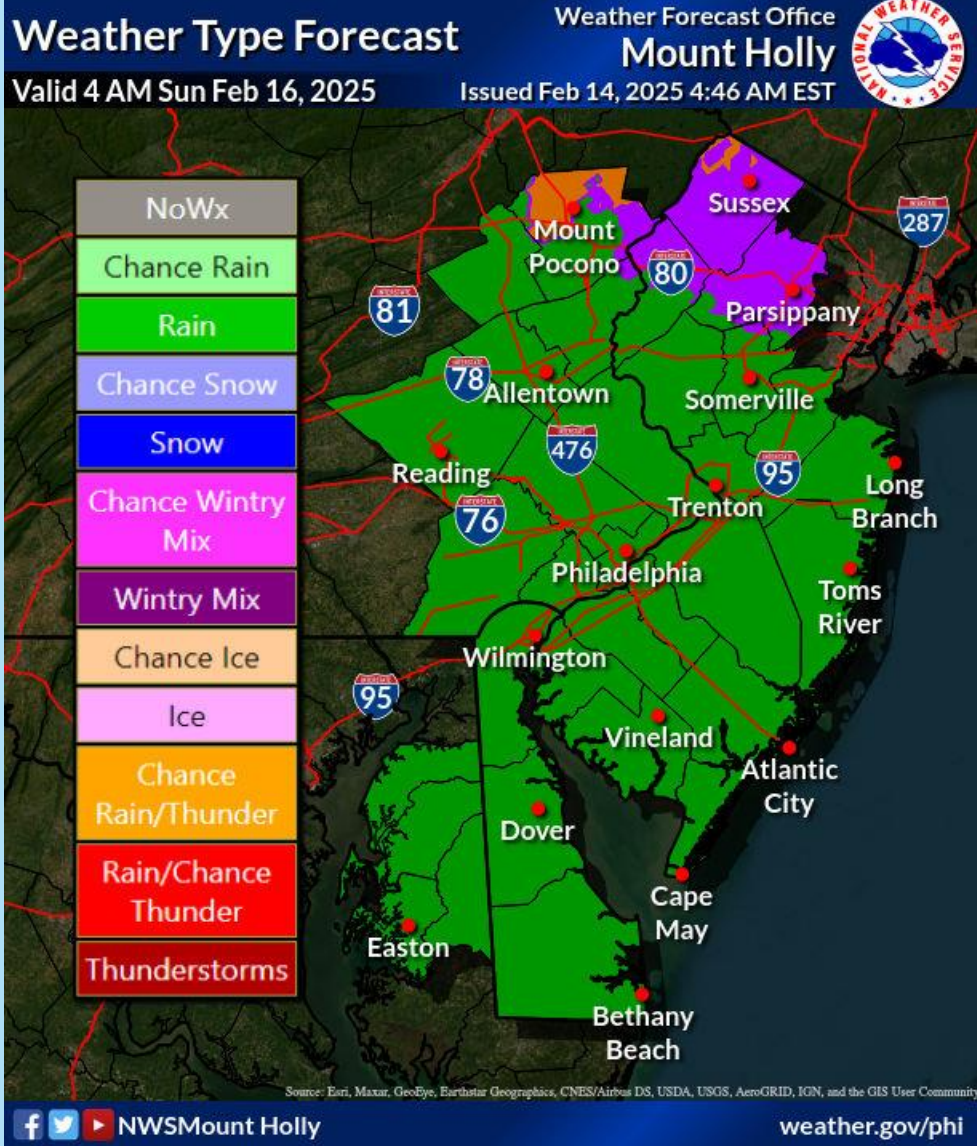
Precipitation Type Forecast

10 PM Saturday



Precipitation Type Forecast

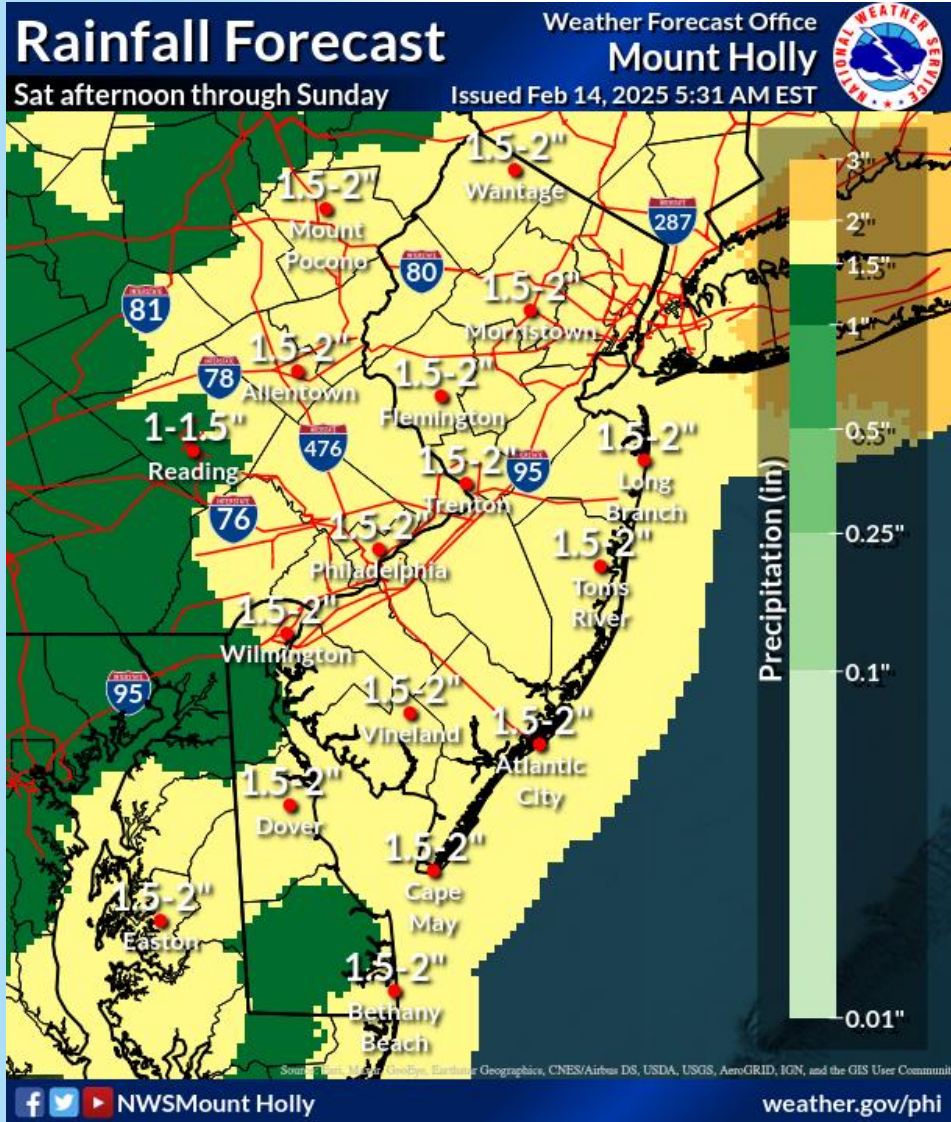
1 AM Sunday



Precipitation Type Forecast

4 AM Sunday

Locally Heavy Rainfall



- ✓ Precipitation changing to all rain Saturday night
- ✓ Rainfall amounts (including liquid equivalent of frozen precip) between 1-2"
- ✓ Localized minor flooding possible

High Winds and Gales – Sunday night & Monday

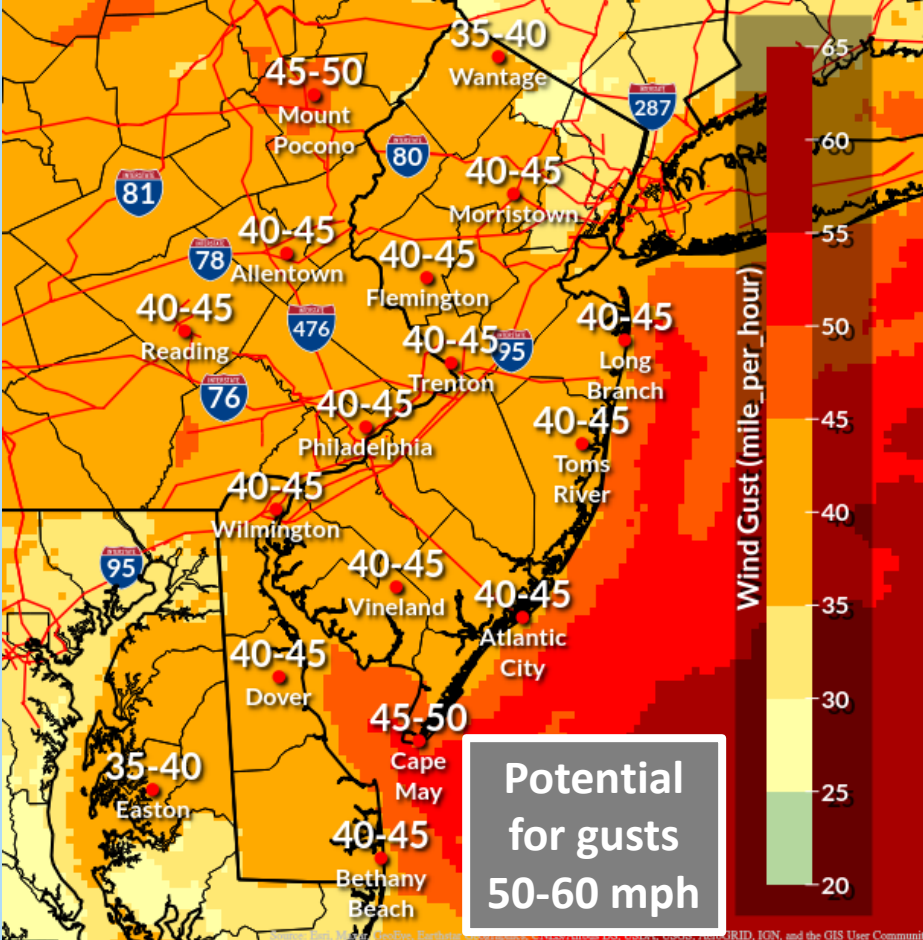
Max Wind Gusts

Weather Forecast Office
Mount Holly



Sunday night through Monday

Issued Feb 14, 2025 5:32 AM EST



Potential
for gusts
50-60 mph

NWSMount Holly

weather.gov/phi

Gale Watch

Weather Forecast Office
Mount Holly



Sunday night through Monday night

Issued Feb 14, 2025 5:36 AM EST



Gale Watch

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Event Summary

- ✓ Strong storm system will bring widespread precipitation to the region Saturday afternoon through Sunday. Precip beginning as snow near and northwest of I-95, with a transition to all rain from south to north from early Saturday evening into Saturday night. Generally 2-4" of snowfall expected, and ice accumulations up to 0.1" within the Winter Weather Advisory area.
- ✓ Widespread moderate to heavy rainfall Saturday night through Sunday. Total rainfall amounts of 1-2" could lead to localized minor flooding
- ✓ A strong cold front passing offshore late Sunday will bring much colder and windy conditions. Wind gusts 45-60 mph possible Sunday night through Monday, strongest in higher terrain and near coastal areas. Winds could lead to isolated power outages and trees damage.
- ✓ Gale force winds Sunday night through Monday night. Low water could lead to difficult navigation around the times of low tide during this period.

Contact and Next Briefing Information



Next Briefing
When: By 4 PM Friday
February 14, 2025



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



Web:
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