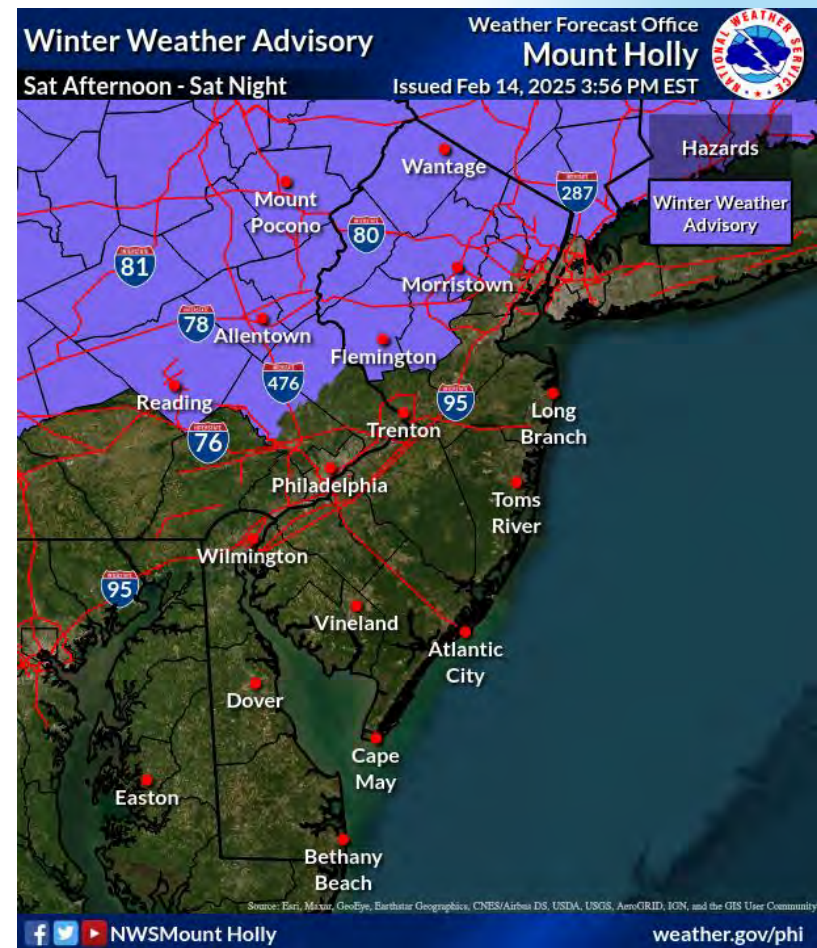


Wintry Precip, Heavy Rain, and High Winds – February 15-17, 2025

Decision Support Briefing #2 As of: 4 PM Friday, Feb 14, 2025





What Has Changed?

- ✓ Slight adjustments to snowfall and ice forecasts
- ✓ Included a mention of next Thursday's potential system for rumor control






Main Points

Hazard	Impacts	Location	Timing
Snow to Freezing Rain 	Snowfall accumulations of 2-4", locally up to 5", and ice amounts up to 0.15" (up to 0.4" in the Poconos)	Northwest of I-95 within the <u>Winter Weather Advisory</u> area	Saturday afternoon into Saturday night
Heavy Rainfall 	Widespread rainfall, including liquid equivalent of frozen precip, ranging from 1-2" could lead to localized flooding	New Jersey, Delaware, southeast Pennsylvania, and northeastern Maryland	Saturday afternoon through Sunday
High Winds 	West to northwest winds 20-40 mph with gusts ranging from 45-60 mph possible	New Jersey, Delaware, southeast Pennsylvania, and northeastern Maryland. Strongest winds in higher terrain and near coastal areas	Sunday evening through Monday
Marine 	Gale force winds. Low water around the times of low tide	Delaware Bay and Atlantic Coastal waters adjacent to New Jersey and Delaware	Sunday night through Monday night



Summary of Greatest Impacts

 **Snow to Freezing Rain: Northwest of I-95**


None	Limited	Elevated	Significant	Extreme
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 **Heavy Rainfall: Across the entire region**

None	Limited	Elevated	Significant	Extreme
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 **High Winds: Across the entire region**

None	Limited	Elevated	Significant	Extreme
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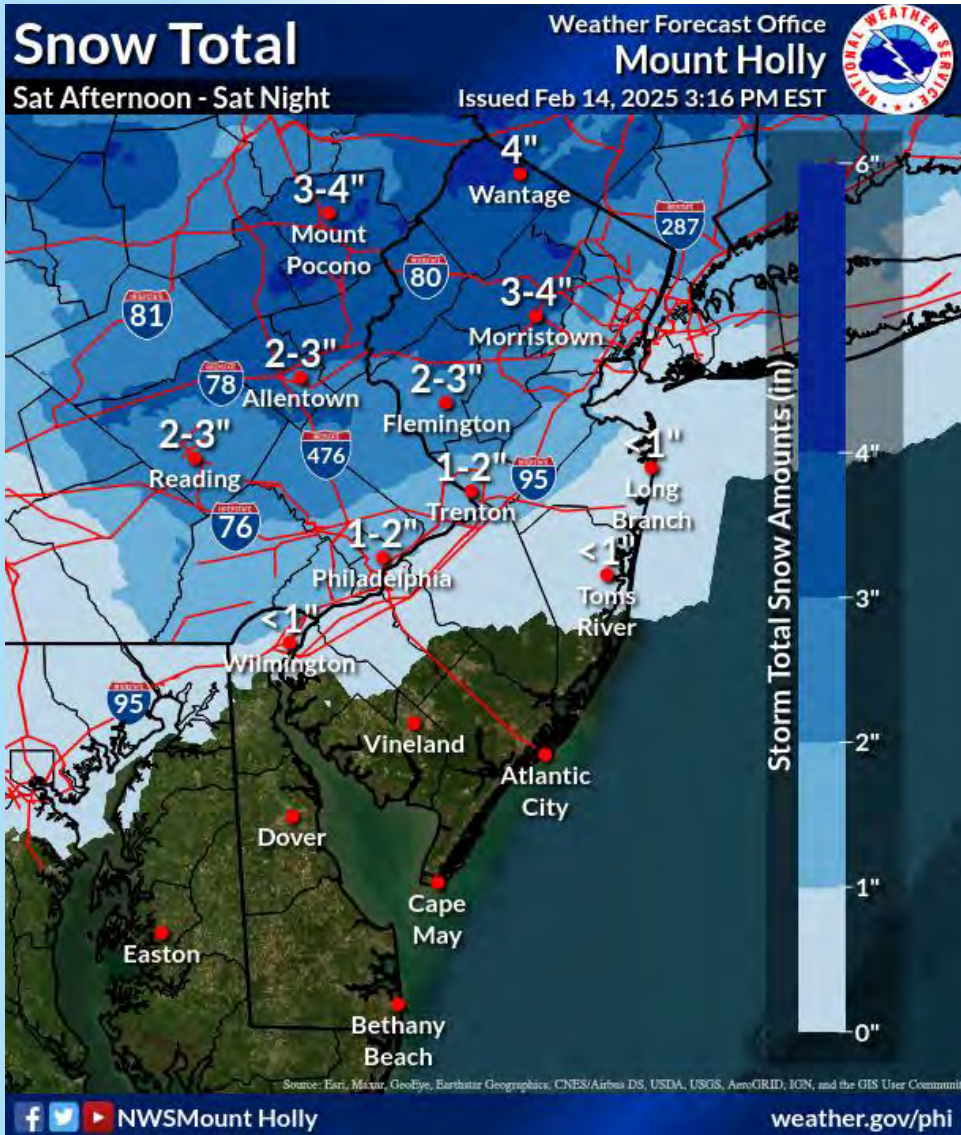


 **Marine: Atlantic coastal waters & DE Bay**

None	Limited	Elevated	Significant	Extreme
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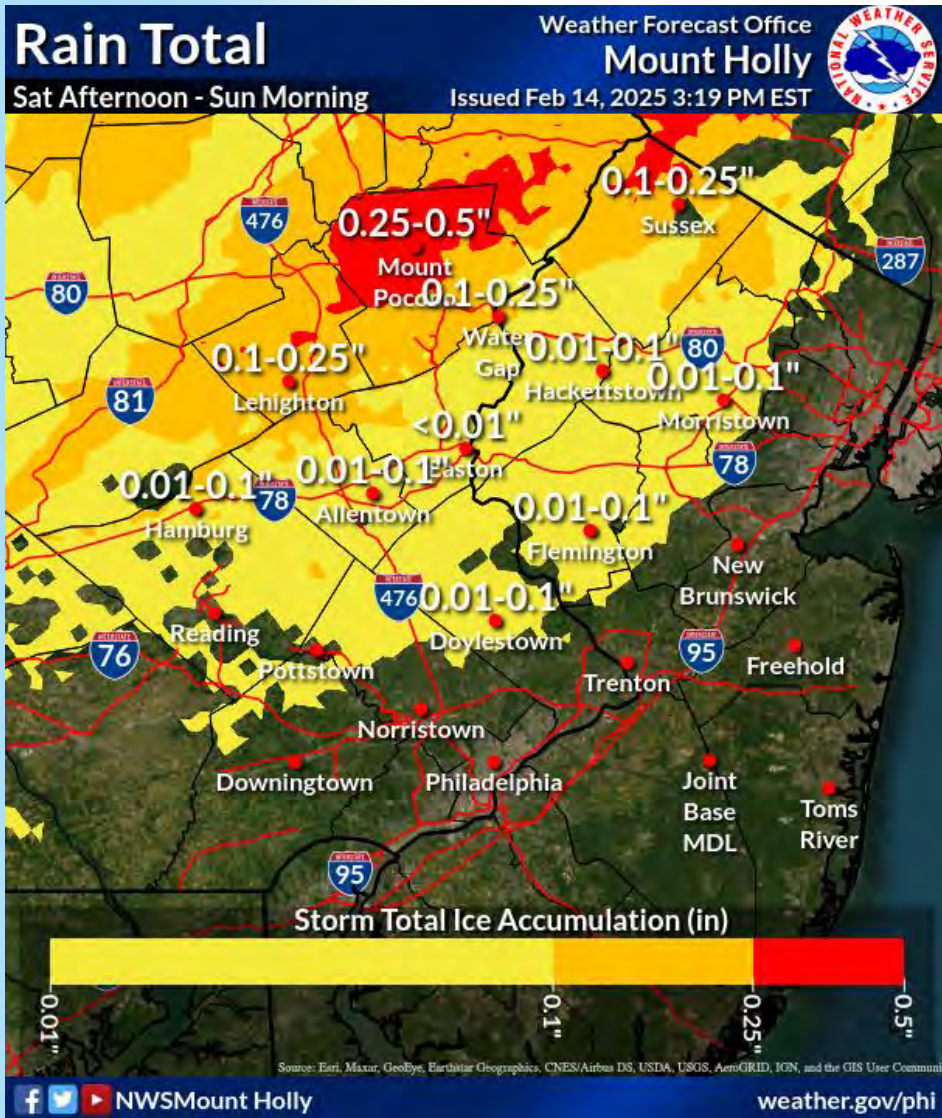
Expected Snowfall Accumulation



- ✓ 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

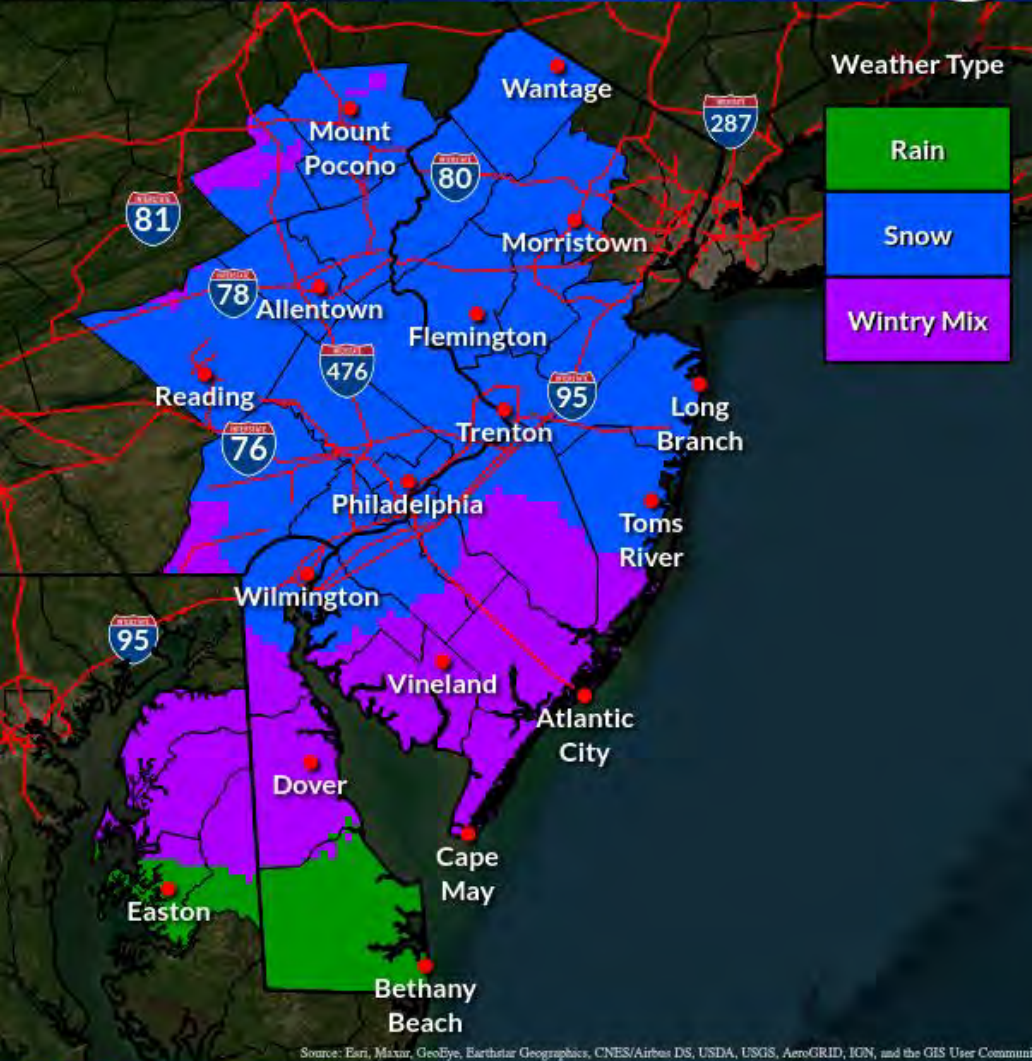
Weather Type Forecast

Weather Forecast Office
Mount Holly



Valid 1 PM Sat Feb 15, 2025

Issued Feb 14, 2025 1:59 PM EST



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Precipitation Type Forecast

1 PM Saturday



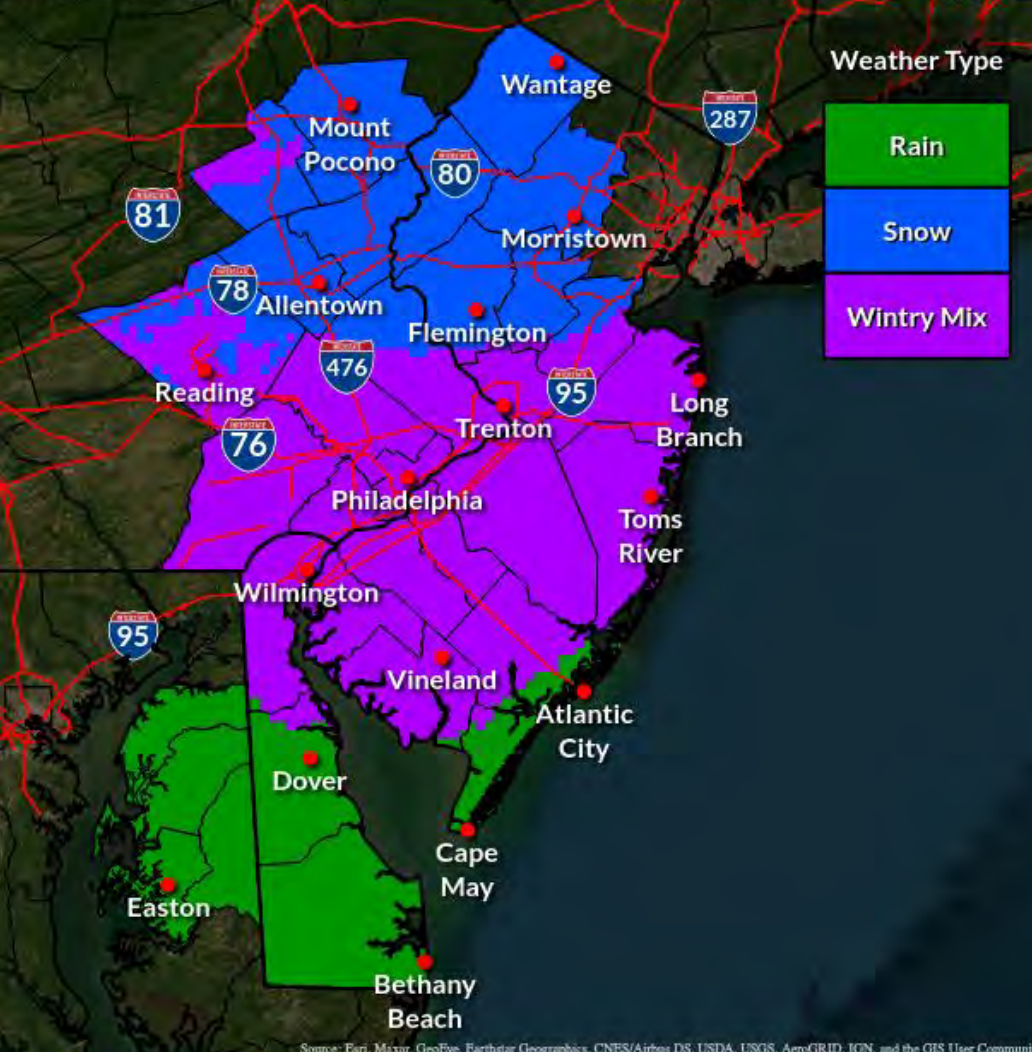
Weather Type Forecast

Weather Forecast Office
Mount Holly



Valid 4 PM Sat Feb 15, 2025

Issued Feb 14, 2025 1:59 PM EST



Precipitation Type Forecast 4 PM Saturday



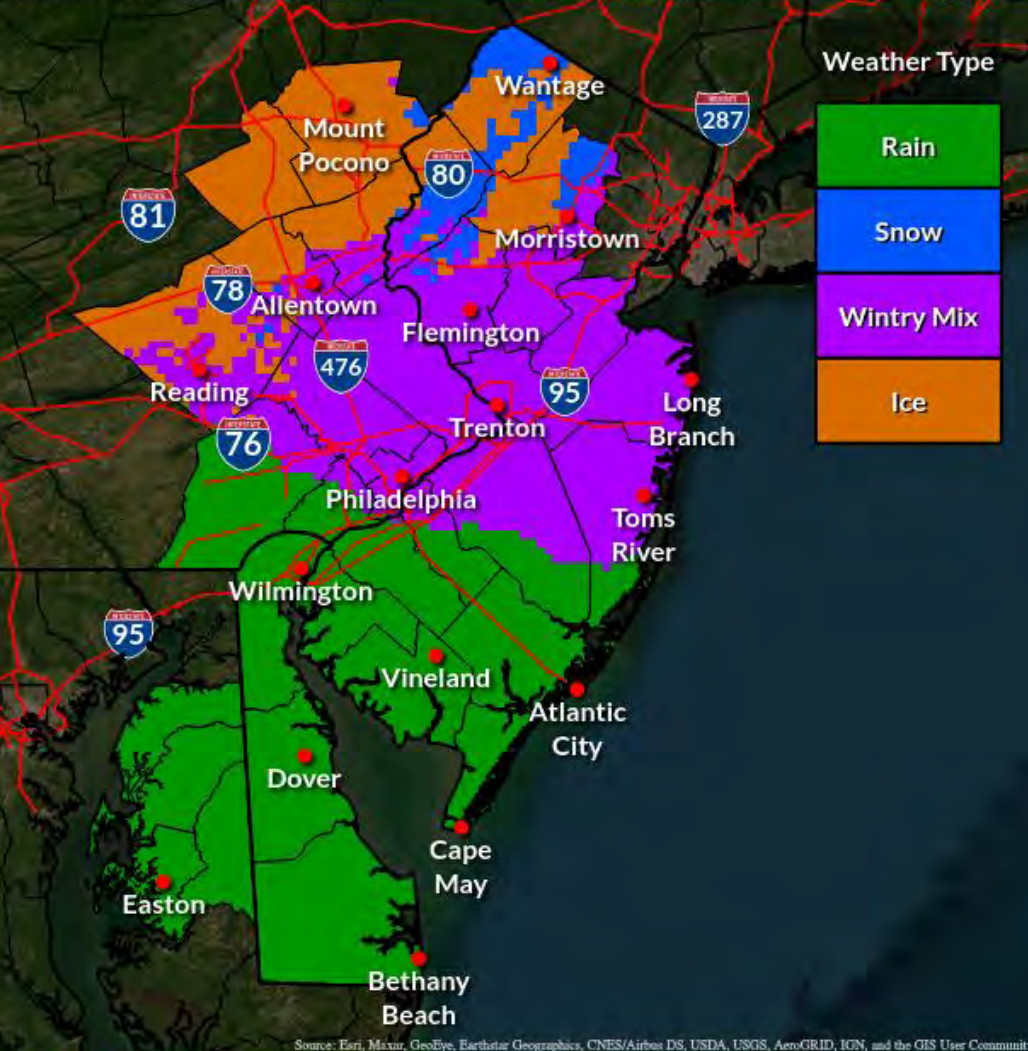
Weather Type Forecast

Weather Forecast Office
Mount Holly



Valid 7 PM Sat Feb 15, 2025

Issued Feb 14, 2025 1:59 PM EST



Precipitation Type Forecast 7 PM Saturday





Weather Type Forecast

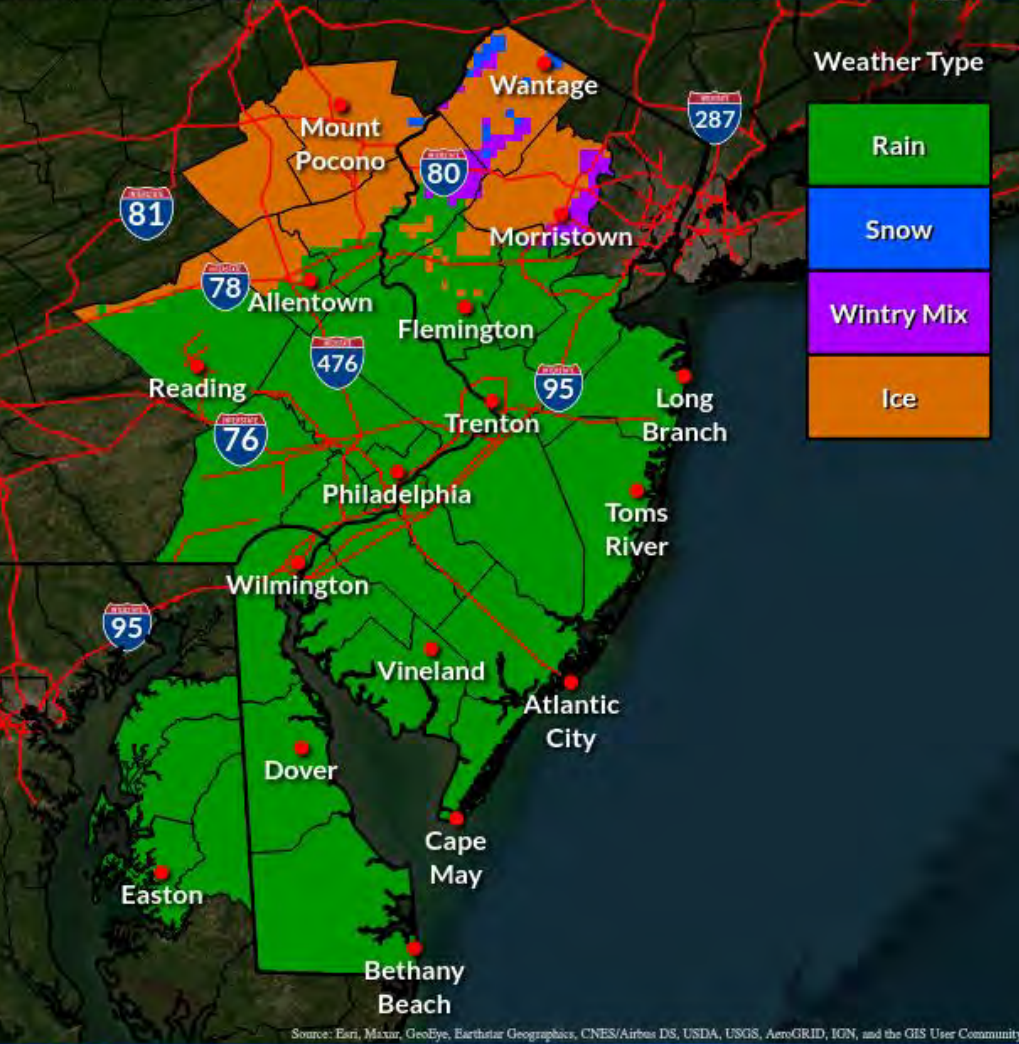
Weather Forecast Office

Mount Holly



Valid 10 PM Sat Feb 15, 2025

Issued Feb 14, 2025 3:09 PM EST



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Precipitation Type Forecast

10 PM Saturday



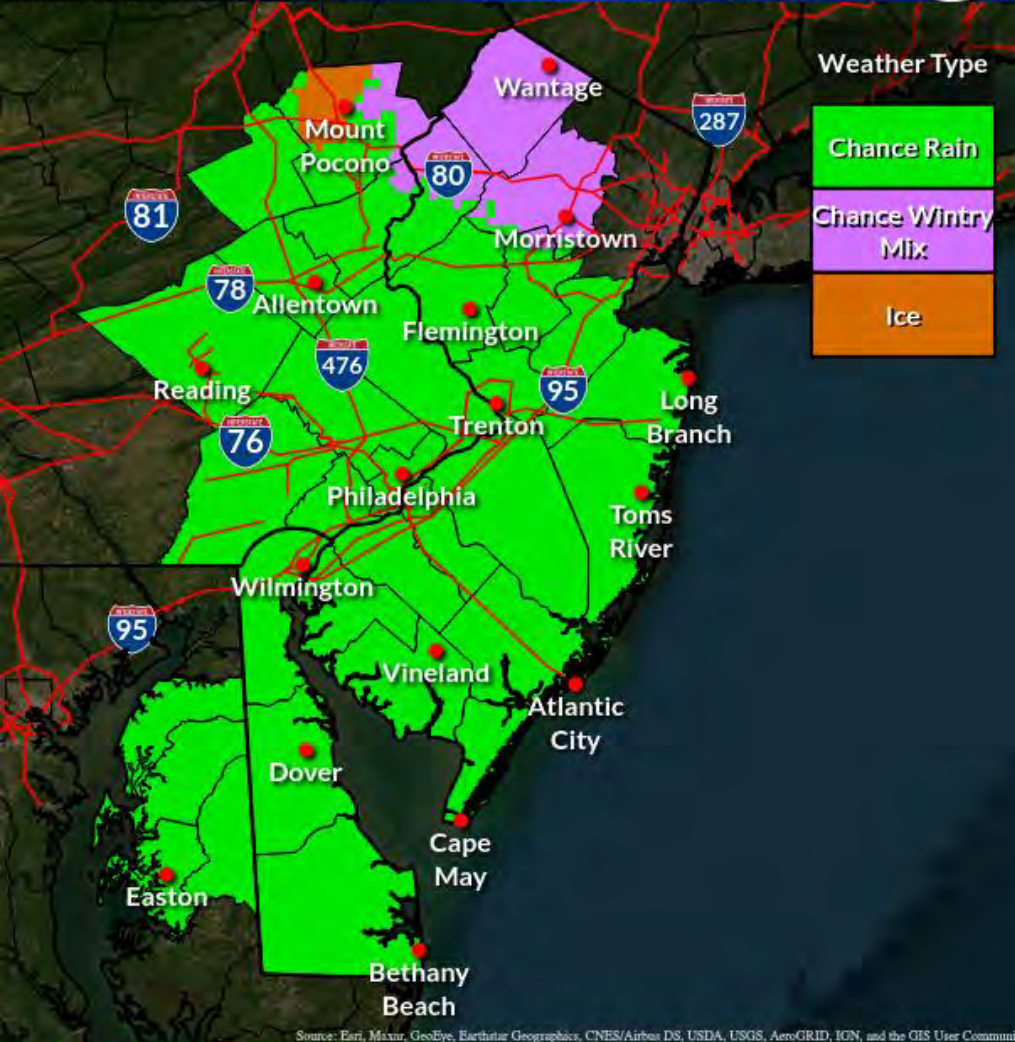
Weather Type Forecast

Weather Forecast Office
Mount Holly



Valid 7 AM Sun Feb 16, 2025

Issued Feb 14, 2025 3:11 PM EST



Weather Type

- Chance Rain
- Chance Wintry Mix
- Ice

Precipitation Type Forecast 7 AM Sunday

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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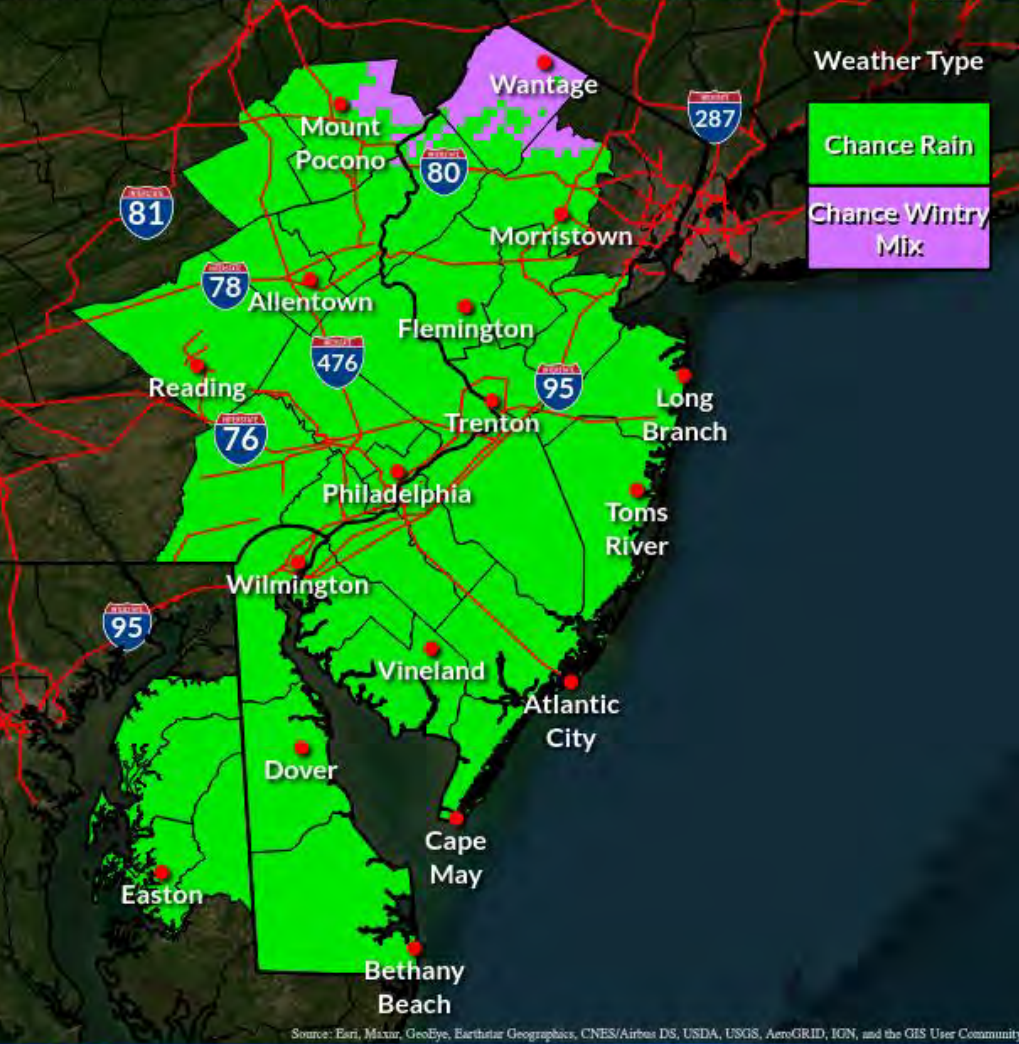
Weather Type Forecast

Weather Forecast Office
Mount Holly



Valid 10 AM Sun Feb 16, 2025

Issued Feb 14, 2025 3:12 PM EST



Weather Type

- Chance Rain
- Chance Wintry Mix

Precipitation Type Forecast

10 AM Sunday



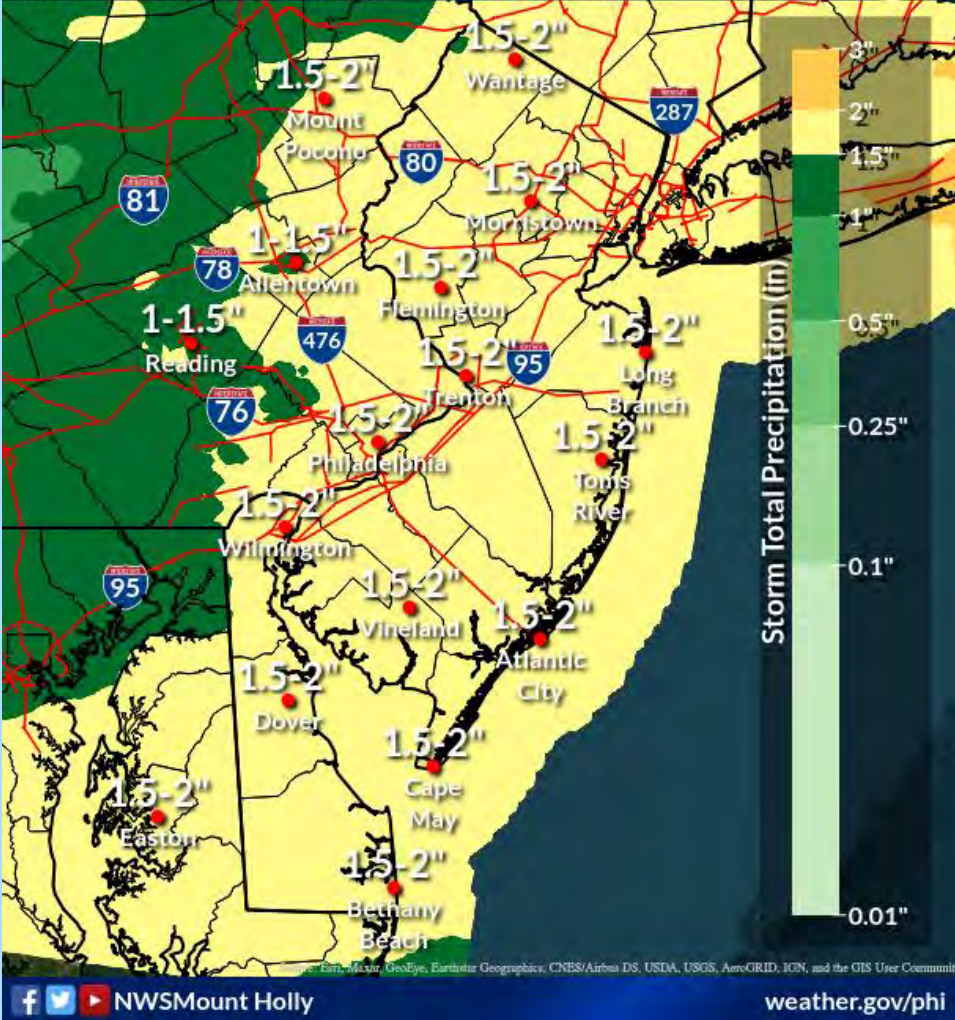
Locally Heavy Rainfall

Rain Total

Saturday Afternoon - Sunday

Weather Forecast Office
Mount Holly

Issued Feb 14, 2025 3:18 PM EST



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



High Winds and Frigid Wind Chills: Sun Night – Mon Night

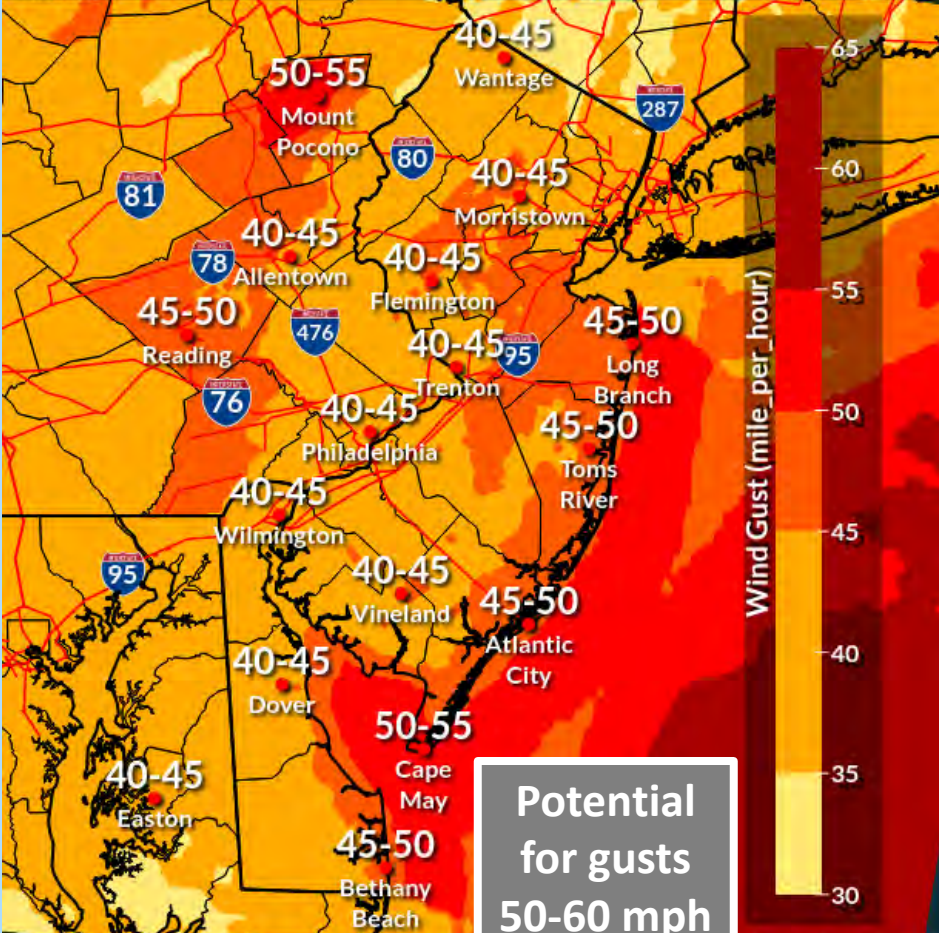
Max Wind Gusts

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Mount Holly



Sun Night - Monday

Issued Feb 14, 2025 3:21 PM EST



Potential
for gusts
50-60 mph

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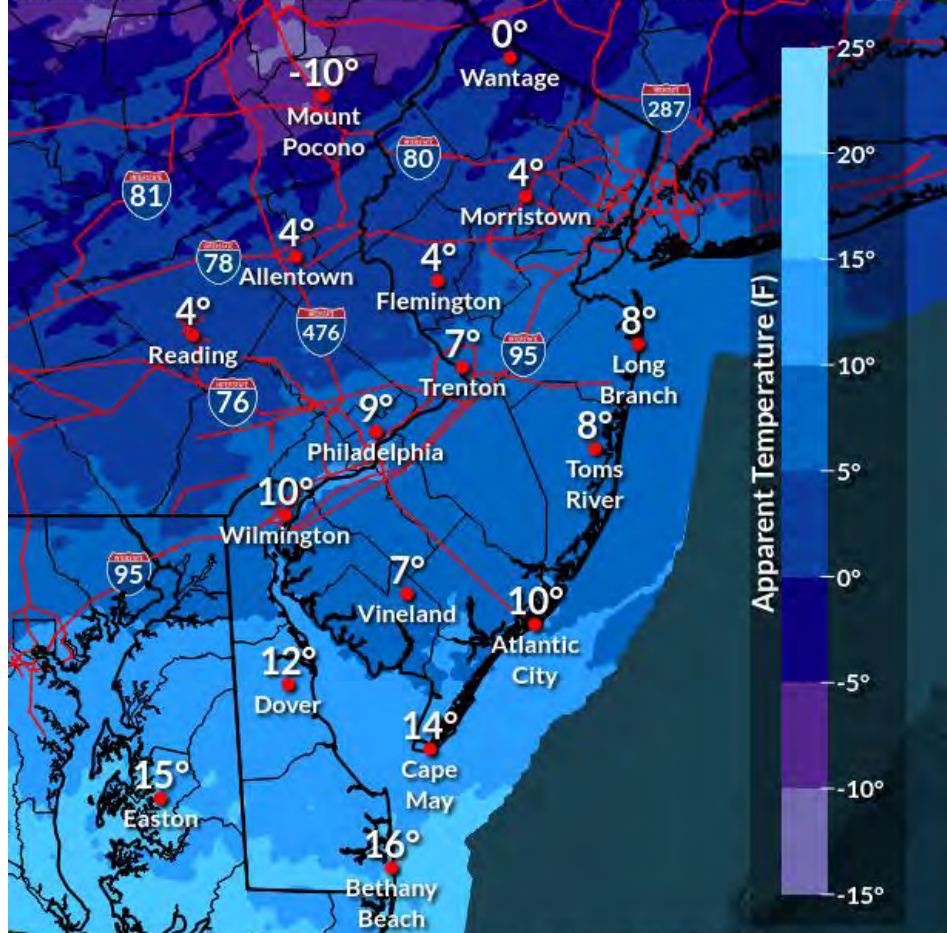
Minimum Wind Chill

Weather Forecast Office
Mount Holly



Sun Night - Monday Night

Issued Feb 14, 2025 3:26 PM EST



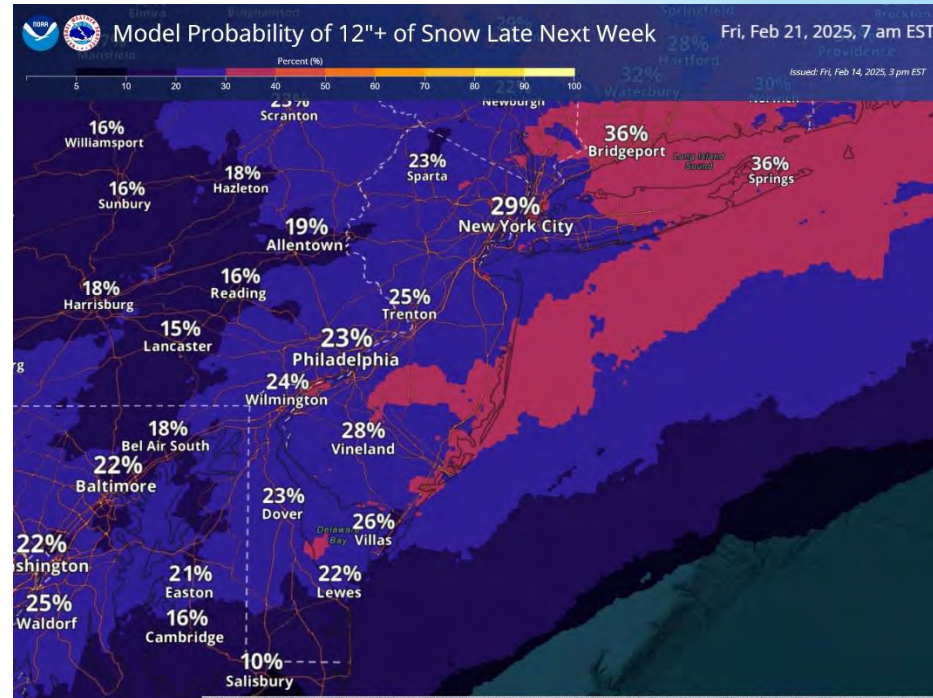
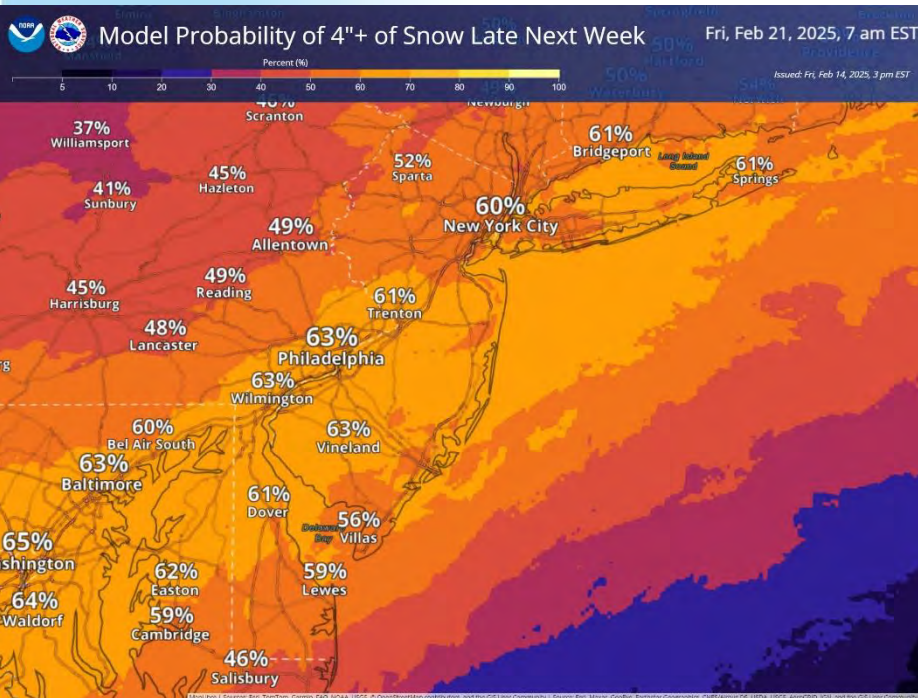
Potential
for gusts
50-60 mph

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Quick Note: Late Next Week Snow Potential



- Some snow possible late next week; lower chances for significant snow.
- Still **a lot of uncertainty** if and where we will see significant snowfall.
- Too early for exact forecast totals!

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 0.15" (locally higher) 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 7 AM Saturday
February 15, 2025*



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



Web:
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