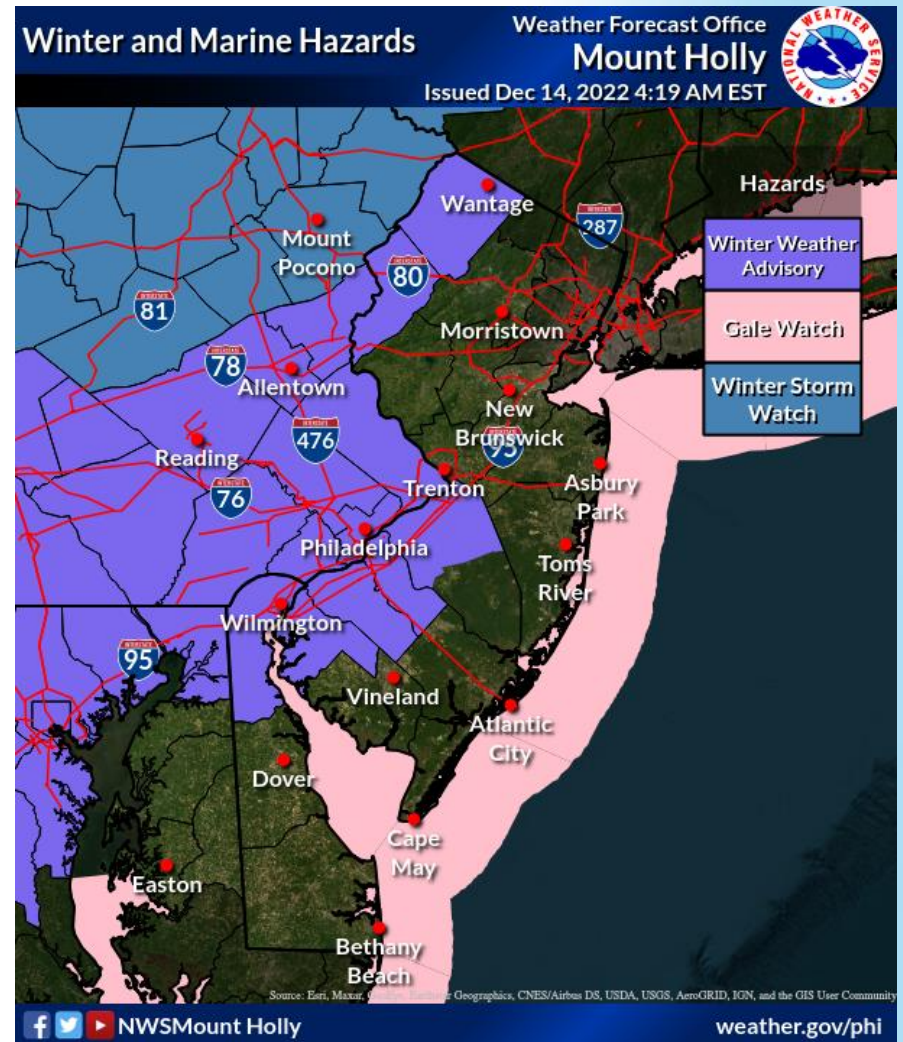


# December 15-16 Coastal Storm





## Decision Support Briefing #2 As of: 7 AM, Wednesday, Dec 14th

### What Has Changed?

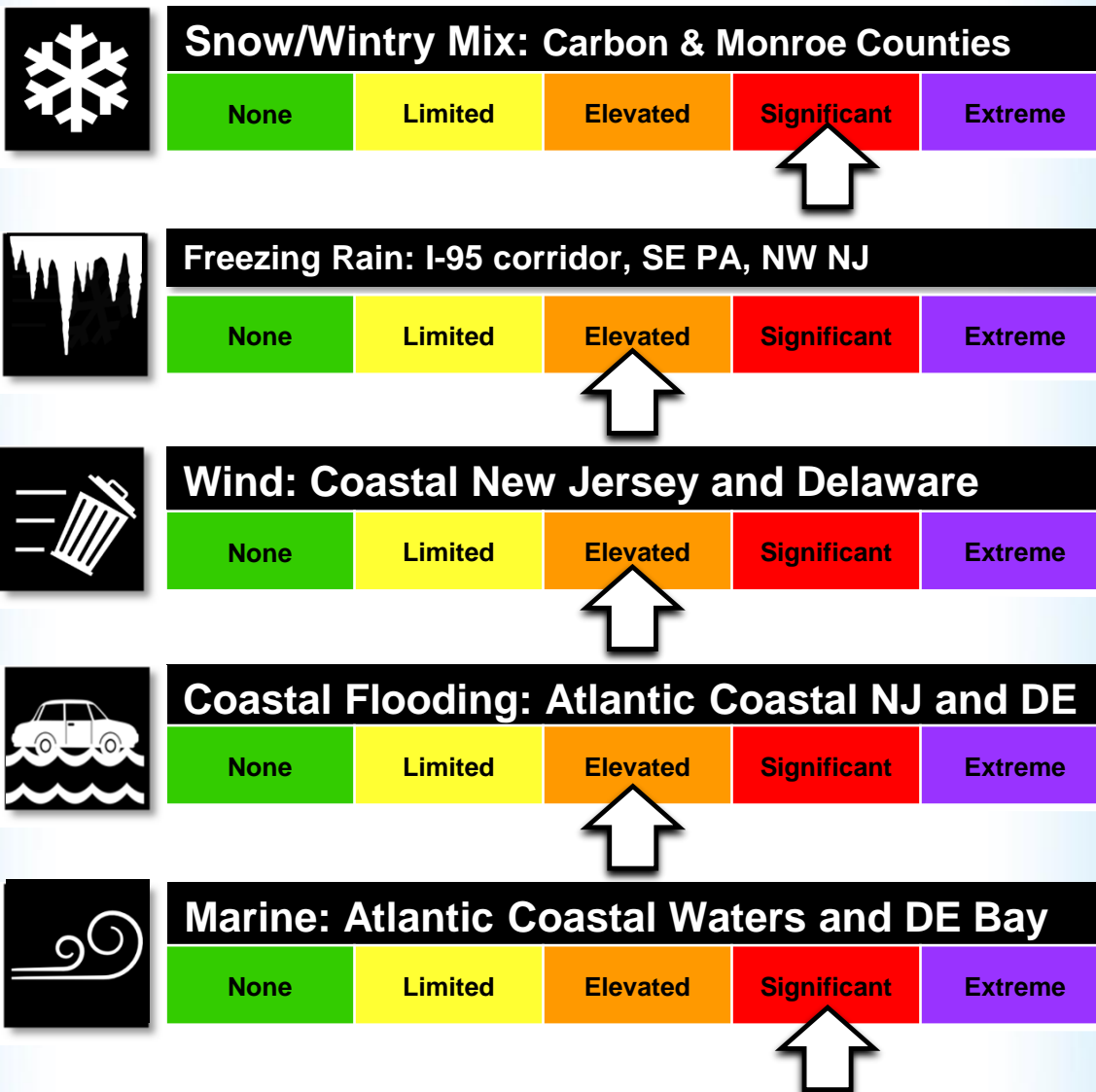
- ✓ Increasing potential for a period of freezing rain in the southern Poconos before the change over to all rain. This will affect snow and ice amounts.
- ✓ Increasing concern for a period of freezing rain in the 95 corridor during the Thursday morning commute



## Main Points

Hazard	Impacts	Location	Timing
<b>Snow &amp; wintry mix</b> 	<p>Dangerous driving conditions with a combination of snow and ice accumulations. The combination of snow and ice accumulations with winds gusting to 40 mph could lead to some power outages</p>	<p>Carbon and Monroe Counties, PA</p>	<p>Thursday morning through Thursday night</p>
<b>Freezing Rain</b> 	<p>Slippery road conditions due to mostly a light glaze of ice</p>	<p>I-95 corridor, SE Pennsylvania, and NW New Jersey</p>	<p>Thursday morning (I-95 corridor) and Thursday afternoon (I-78 corridor)</p>
<b>Coastal Flooding</b> 	<p>Minor coastal flooding possible</p>	<p>Atlantic coastal New Jersey and Delaware as well as the western Delaware Bay coast</p>	<p>High tide cycles Thursday night and Friday</p>
<b>Wind and Marine</b> 	<p>Gale force east to northeast winds will make marine navigation difficult. Wind gusts near 45 mph along the coast could result in minor tree and power line damage</p>	<p>Atlantic Coastal waters and Delaware Bay and adjacent coastal areas</p>	<p>Late Thursday afternoon through Friday morning</p>

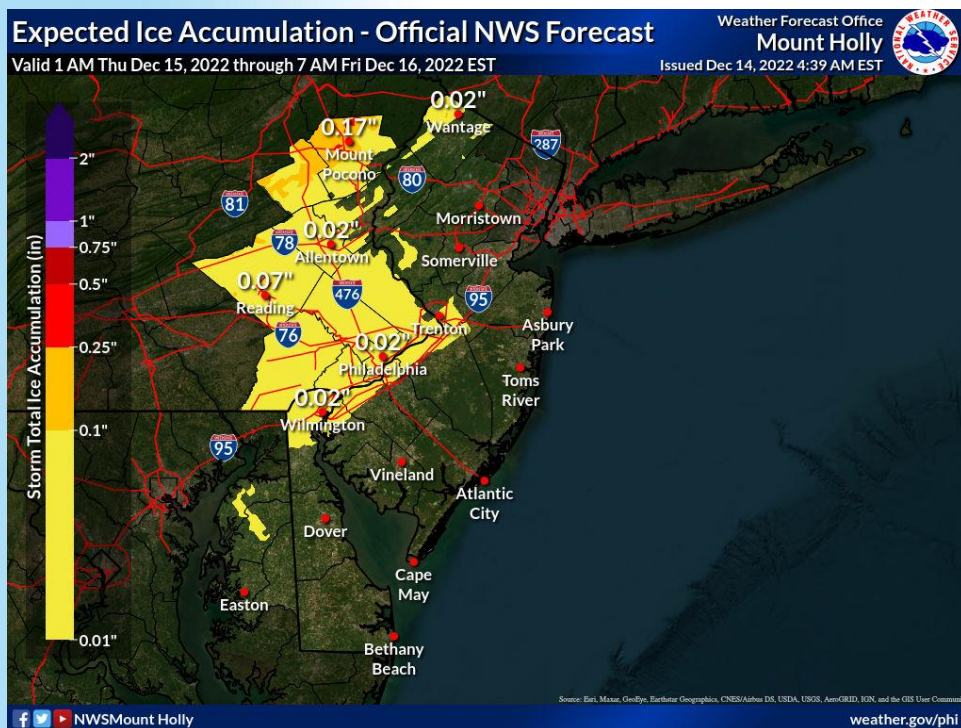
## Summary of Greatest Impacts







# Storm Total Ice Accumulation



## Uncertainty in Ice Forecast:

- ✓ Increasing confidence in a light glaze of ice down to the 95 corridor
- ✓ Even a light glaze could result in slippery conditions

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

# Coastal Flooding

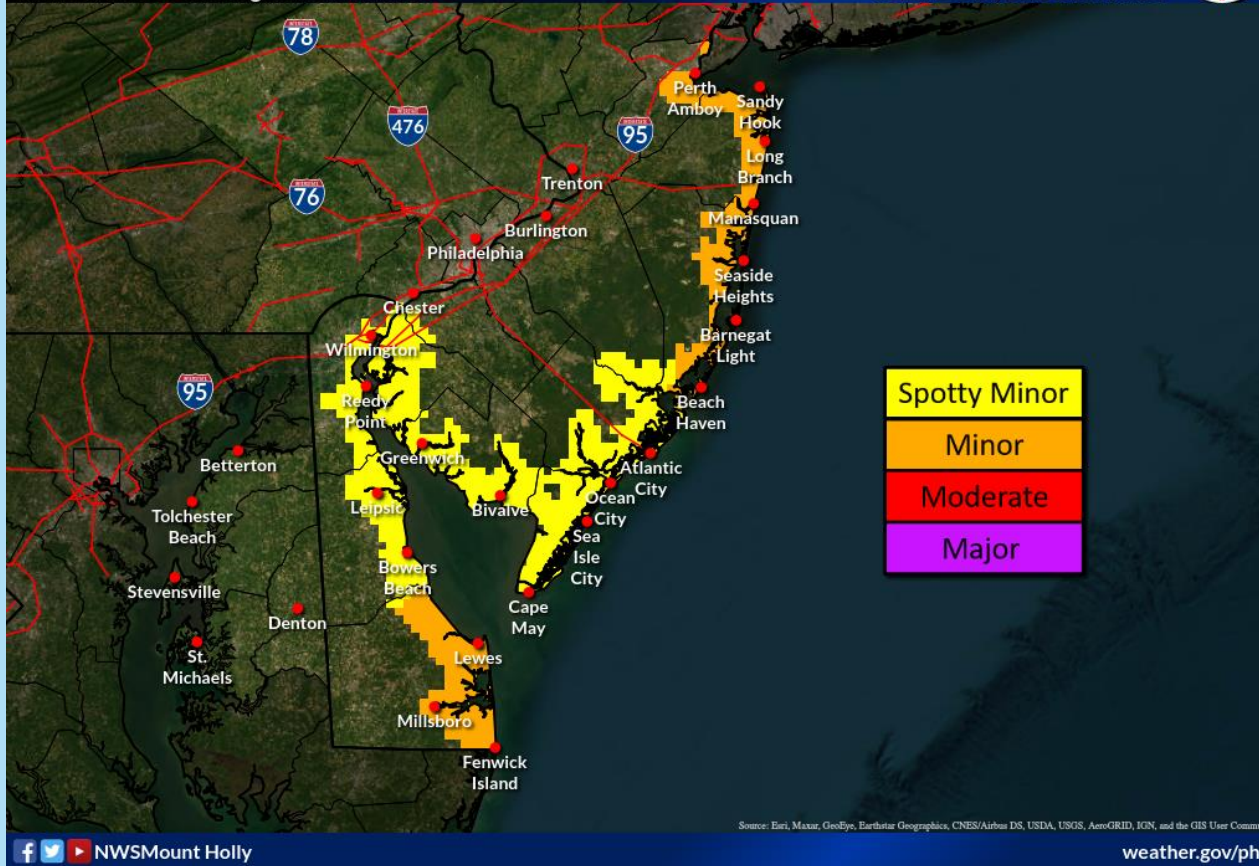
## Coastal Flood Threat

Valid Thu 7:00PM through Fri 7:00PM EST

Weather Forecast Office

Mount Holly

Issued Dec 14, 2022 3:18 AM EST



**Thursday night and Friday afternoon high tide cycles potentially impacted by minor flooding in the highlighted areas**

This graphic shows the expected magnitude of flooding on the oceanfront, bays, and estuaries along the highlighted areas.





## Event Summary

- ✓ A coastal storm is expected to bring multiple impacts to the region starting **Thursday morning and persisting through Friday**
- ✓ Precipitation is expected to begin as a light wintry mix near the I-95 corridor and possibly into the eastern shore of Maryland and Delaware near daybreak Thursday before switching to rain by late Thursday morning. A light glaze of ice may occur in these areas, **potentially impacting the Thursday morning commute**
- ✓ Precipitation is expected to begin as all snow for areas northwest of I-95, but a transition to a wintry mix then rain will occur during the afternoon to evening. Snow will transition to a wintry mix then rain in the southern Poconos overnight Thursday night
- ✓ The greatest snowfall totals are expected to be across the southern Poconos with amounts of 3-5" possible, however snowfall up to 2" is forecast for the northwest New Jersey, the Lehigh Valley, and Berks County. A light glaze of ice is also possible. **This may impact the Thursday morning and Thursday evening commutes**
- ✓ Storm total rainfall of 1-2" may lead to localized minor flooding in some areas
- ✓ East to northeast winds of 15-25 mph with gusts up to 30 mph inland and 20-30 mph with gusts up to 45 mph possible along the Atlantic coasts Thursday afternoon through Friday morning. Gale force winds are possible across all Atlantic coastal waters and Delaware Bay. Gusts up to 40 mph in the higher terrain of the southern Poconos, coupled with the snow and ice accumulation could lead to some power outages there
- ✓ Minor coastal flooding is anticipated to impact the high tides from Thursday afternoon through Friday afternoon, mainly for the Atlantic coasts and western Delaware Bay coast



# Contact and Next Briefing Information



## Next Briefing

**When:** 5 PM, Wednesday, Dec 14

## Briefing Webpage:

[www.weather.gov/media/phi/current\\_briefing.pdf](http://www.weather.gov/media/phi/current_briefing.pdf)



### Web:

[www.weather.gov/phi](http://www.weather.gov/phi)



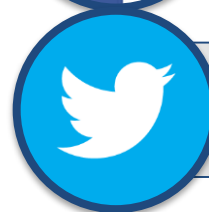
### Phone (public):

(609) 261-6600



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