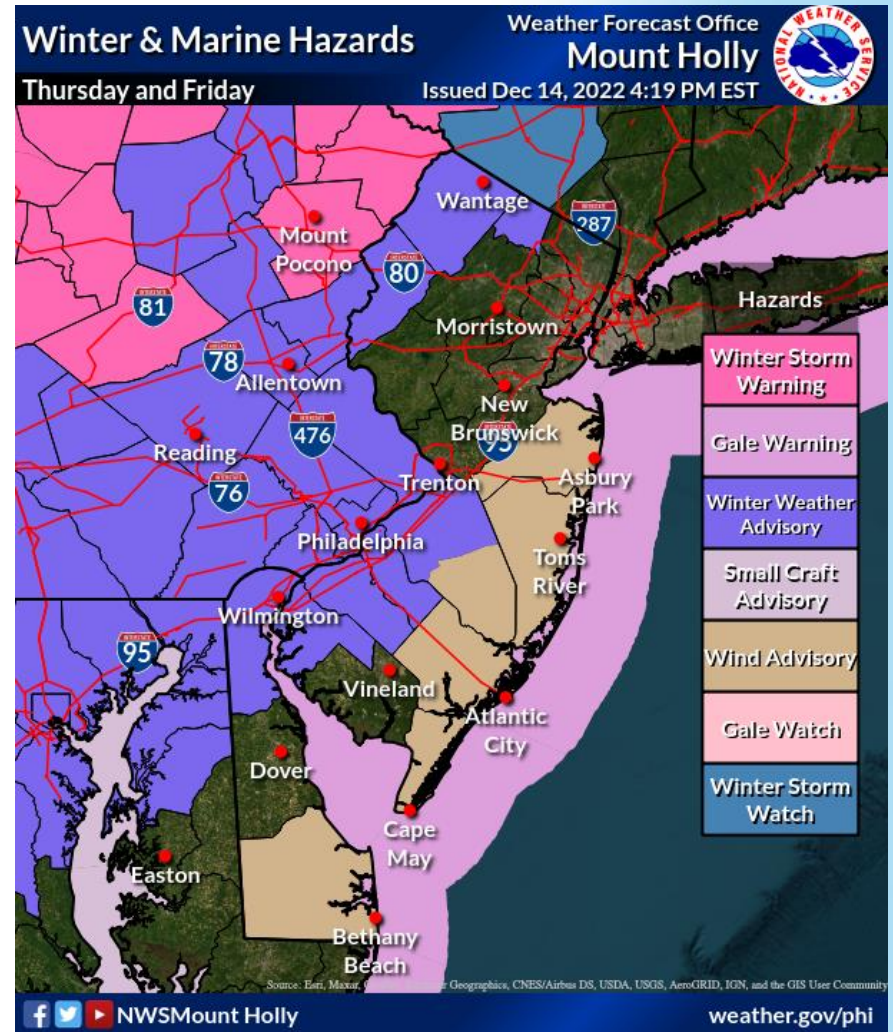


# December 15-16 Coastal Storm





## Decision Support Briefing #3 As of: 5 PM, Wednesday, Dec 14th

### What Has Changed?

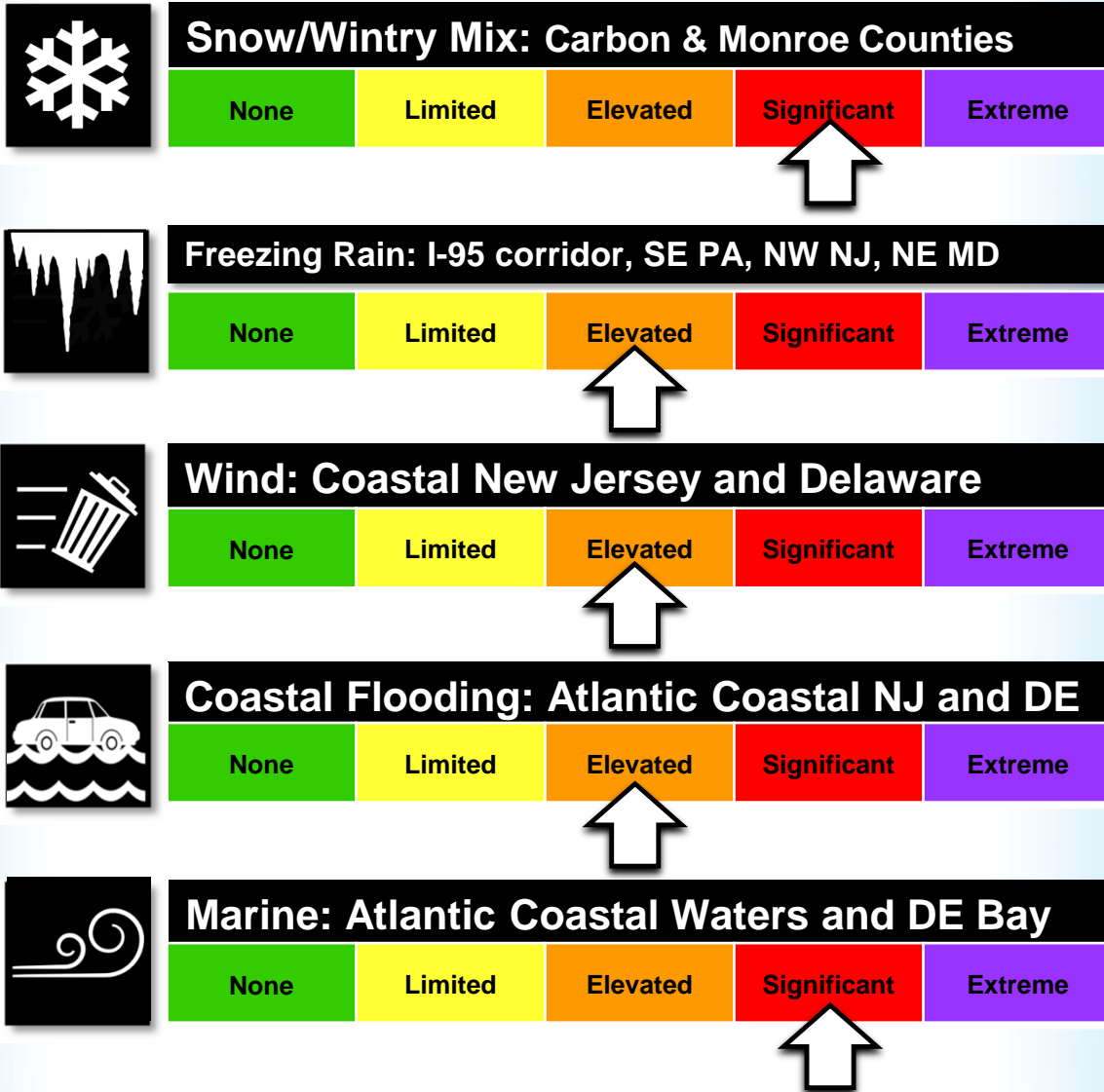
- ✓ Winter Storm Warning issued for Monroe County
- ✓ Winter Weather Advisory issued for Carbon County (PA), Kent County (MD), and Queen Anne's County (MD)
- ✓ Wind Advisory issued for coastal NJ and coastal Sussex county
- ✓ Gale Warnings issued for Atlantic Coastal waters and Delaware Bay



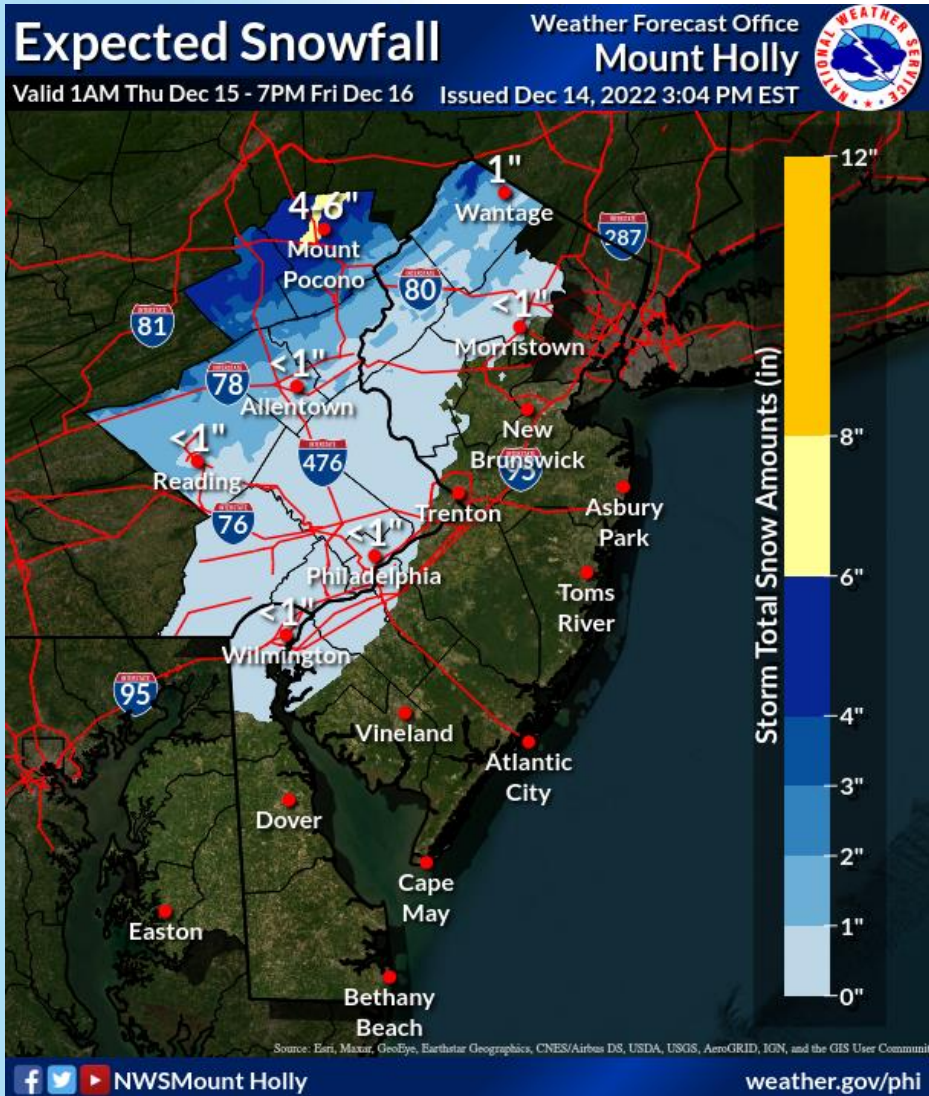
# Main Points

Hazard	Impacts	Location	Timing
<b>Snow &amp; wintry mix</b> 	<p>Hazardous 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 &amp; Sleet</b> 	<p>Slippery road conditions due to mostly a light glaze of ice</p>	<p>I-95 corridor, SE Pennsylvania, NW New Jersey, and NE Maryland</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 up to 50 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>Thursday evening through Friday morning</p>

# Summary of Greatest Impacts



# Storm Total Snowfall Accumulation



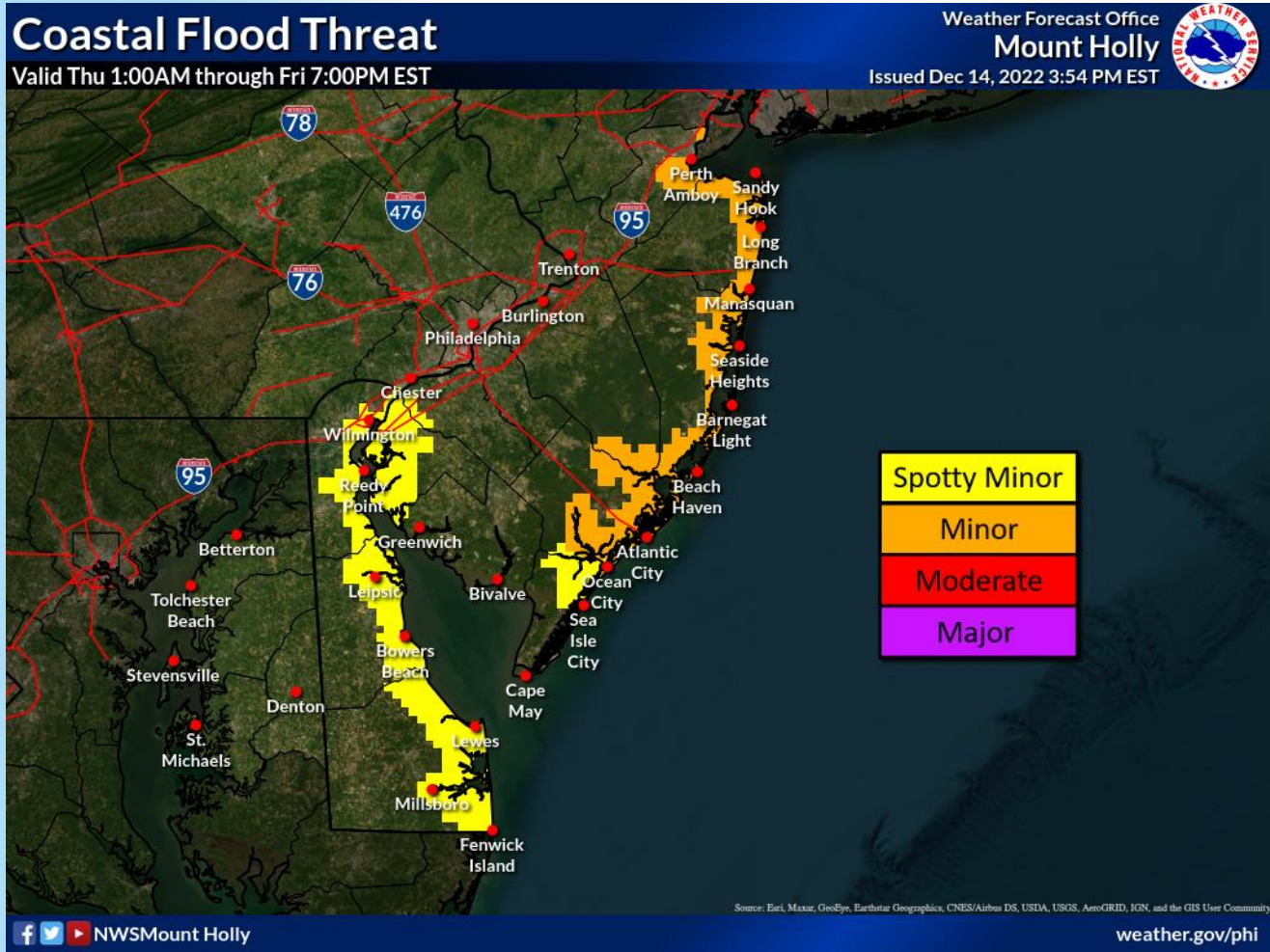
## Uncertainty in Snowfall Forecast:

- ✓ A quicker change to wintry mix and rain will decrease these amounts

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



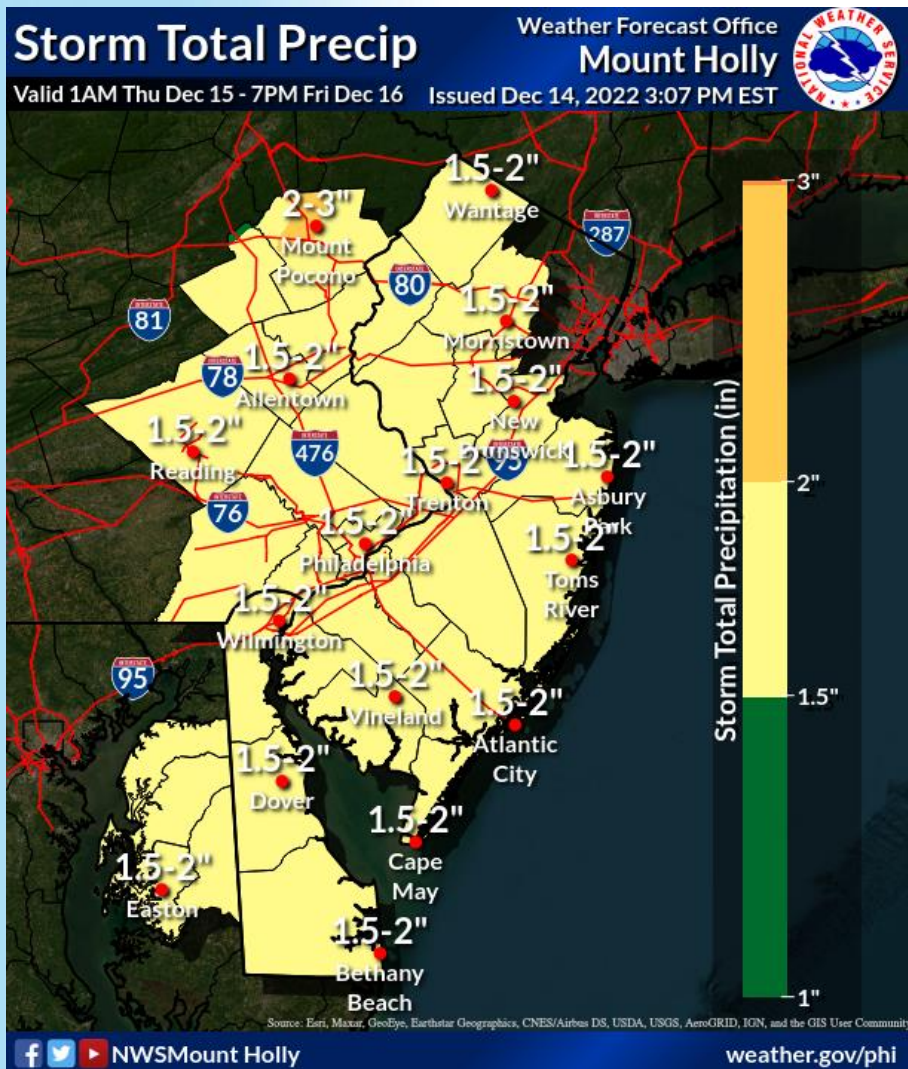
# Coastal Flooding



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

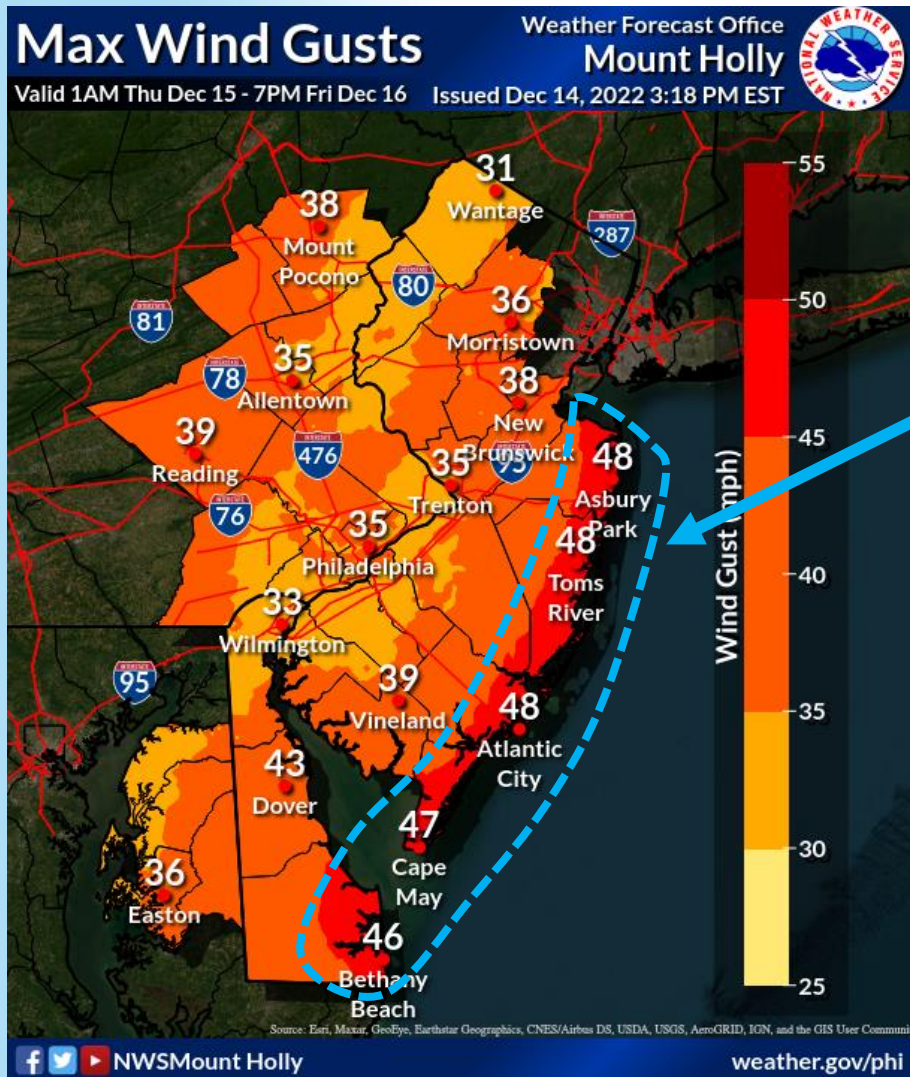
This graphic shows the expected magnitude of flooding on the oceanfront, bays, and estuaries along the highlighted areas.

# Storm Total Rainfall



- ✓ Widespread rainfall of 1-2" is expected with locally higher amounts
- ✓ Localized minor flooding of low lying and poor drainage areas is possible

# Maximum Wind Gusts



- ✓ Wind Advisory issued for Atlantic coastal NJ and DE
- ✓ Wind gusts of 30-40 mph possible inland
- ✓ Strongest winds expected from Thursday afternoon – Friday morning

# 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 3-6" expected, 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 30-40 mph inland and 20-30 mph with gusts up to 50 mph expected along the Atlantic coasts Thursday afternoon through Friday morning. Gale force winds are expected 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



**This is the final scheduled briefing for this event unless any significant changes occur**



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



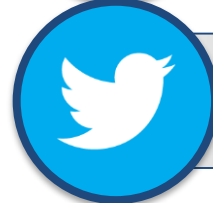
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