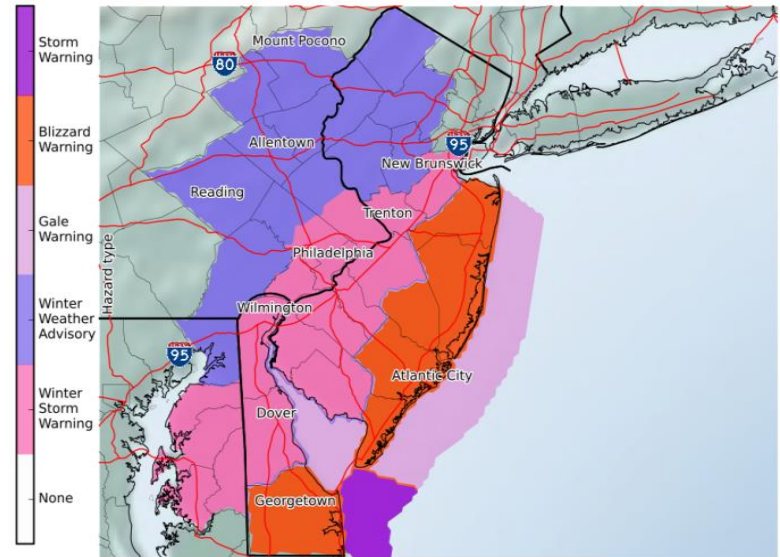


Winter Weather and Coastal Flooding into Tomorrow

Decision Support Briefing # 3
As of: 400 PM Wednesday, January 3

Watch, Warning and Advisory
Valid: Thursday, January 04, 2018



National Weather Service
Mount Holly, NJ
01/03/2018 03:00 PM EST

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Wednesday night – Thursday

What Has Changed?

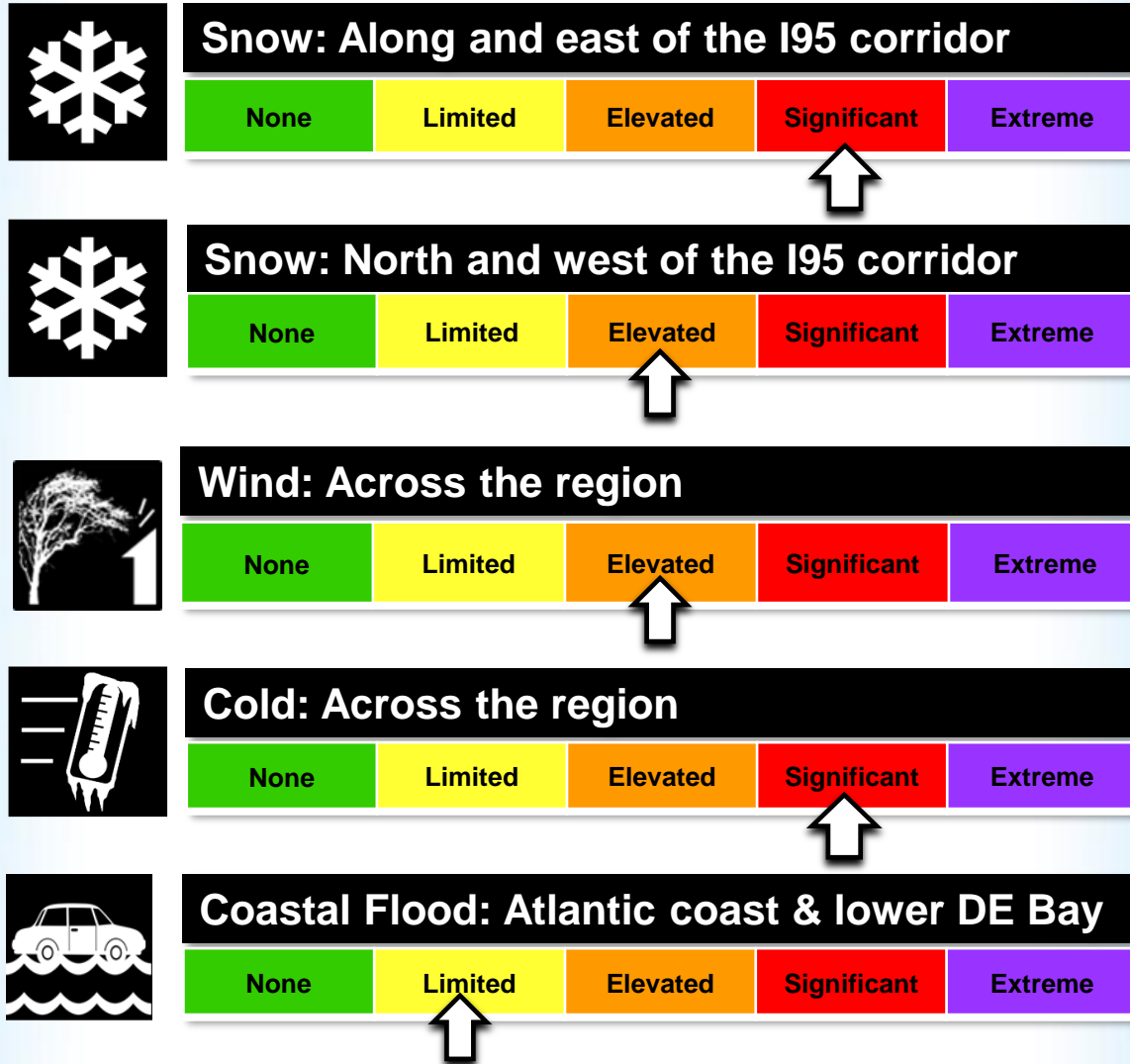
- ✓ *Blizzard warning now in effect for coastal locations*
- ✓ *Expected snowfall totals have increased.*
- ✓ *Several adjustments to winter storm warnings and winter weather advisories*
- ✓ *Increased threat of coastal flooding*



Main Points

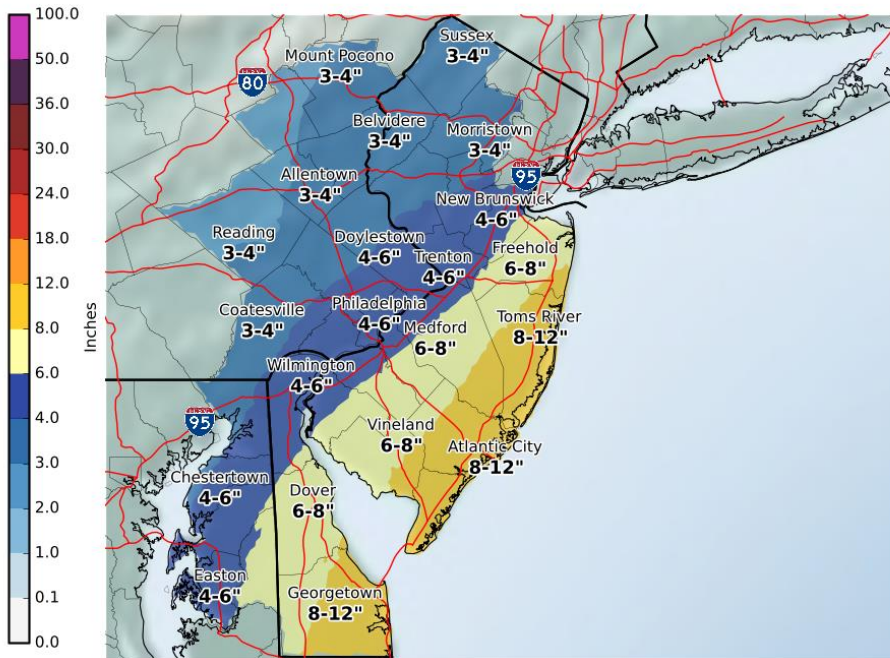
Hazard	Impacts	Location	Timing
Snow and blowing snow 	Significant impacts to travel expected due to snow covered roads (4 to 10 inches) and lower visibility in blowing snow. Blizzard conditions expected in coastal areas.	Along and east of the I-95 corridor	Later Tonight and Tomorrow
Snow and blowing snow 	Elevated impacts to travel expected due to snow covered roads (up to 4 inches) and lower visibility in blowing snow.	North and west of the I-95 corridor	Later Tonight and Tomorrow
Cold 	Wind chills are likely to fall below zero at times Thursday night through Saturday. Temperatures will be in the single digits and teens.	All of east PA, NJ, DE, and eastern MD.	Thursday night through Saturday
Wind 	Minor tree damage is possible due to winds gusting up to 50 mph. Winds will also contribute to significant blowing snow	All of east PA, NJ, DE, and eastern MD. The strongest winds are expected along the Atlantic coast.	Thursday into Friday
Coastal Flooding 	Minor roadway flooding is possible. Also stagnant flood waters may freeze on road surfaces.	Coastal areas along the Atlantic coast and lower Delaware Bay.	Around the time of high tide Thursday morning

Summary of Greatest Impacts



Expected Snowfall

Expected Snowfall - Official NWS Forecast
Valid: 01/03/2018 07:00 PM - 01/04/2018 07:00 PM



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Storm Confidence:

- ✓ Confidence is moderate in terms of snowfall totals. However, there is still some uncertainty in where a sharp cutoff in snow totals will set up.
- ✓ Regardless of snow totals, strong winds will lead to areas of significant blowing and drifting snow resulting in impacts on travel.

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

Probabilistic Snowfall Forecast

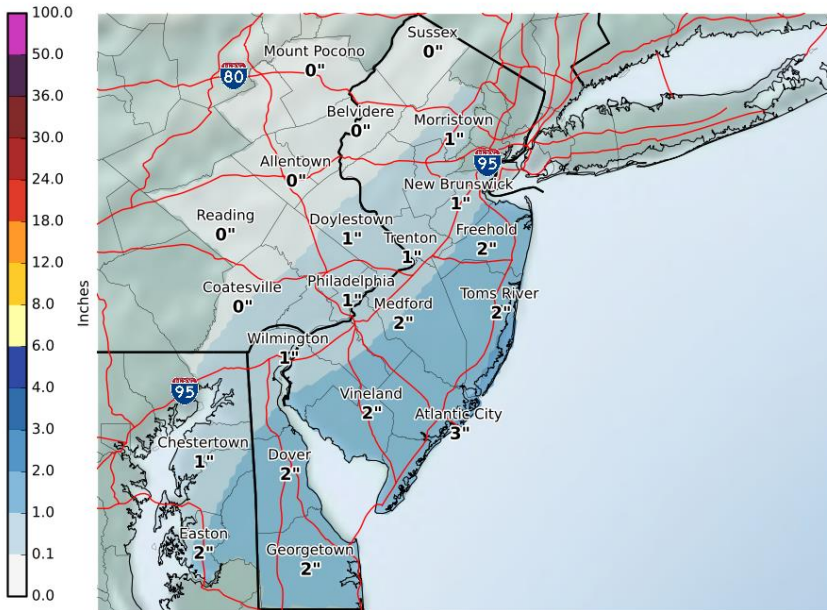
Low End Potential

9 in 10 (90%) Chance of Higher Snowfall Than Depicted Below

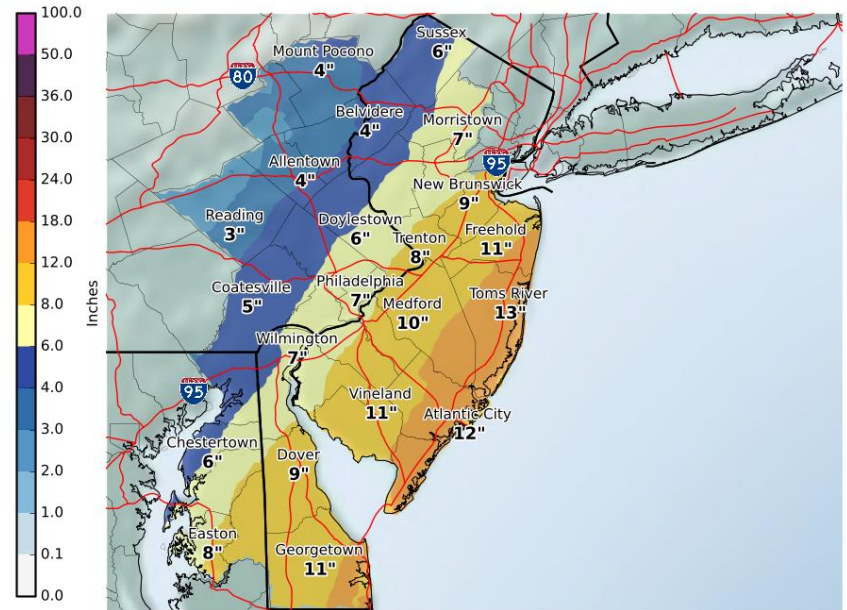
High End Potential

1 in 10 (10%) Chance of Higher Snowfall Than Depicted Below

Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall
Valid: 01/03/2018 07:00 PM - 01/04/2018 07:00 PM



High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall
Valid: 01/03/2018 07:00 PM - 01/04/2018 07:00 PM



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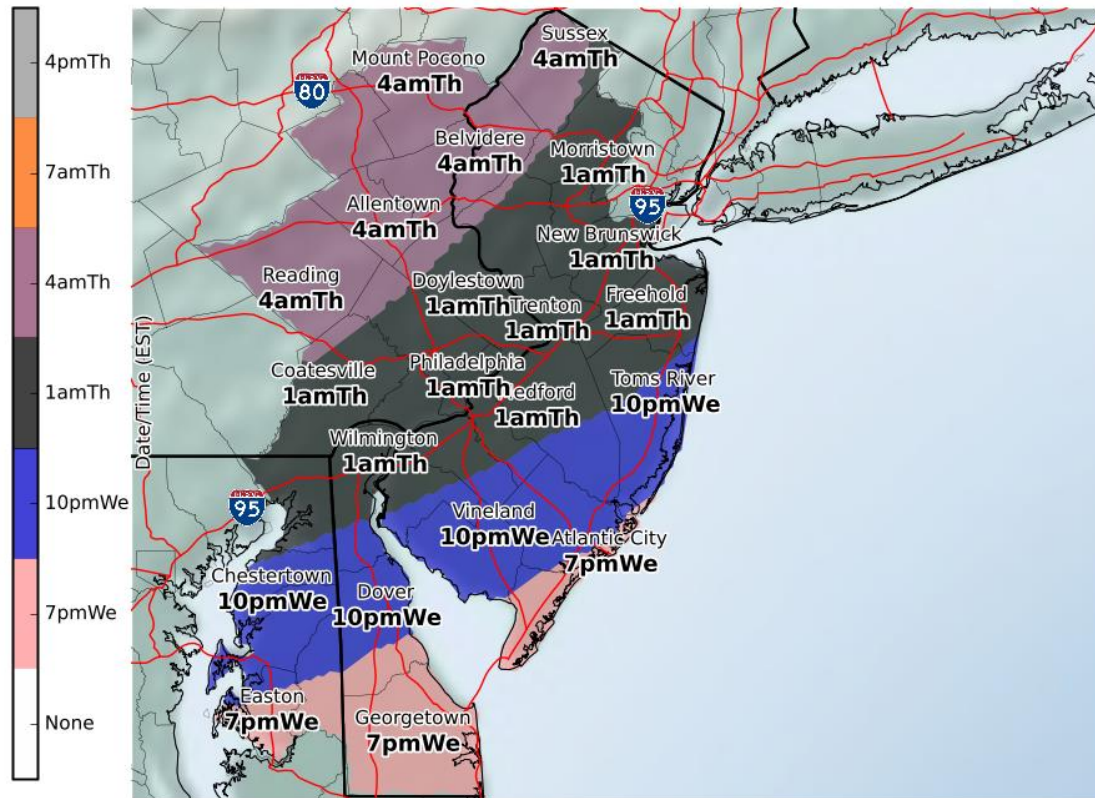
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Winter Precip Starting Time

Winter Precipitation Onset Time

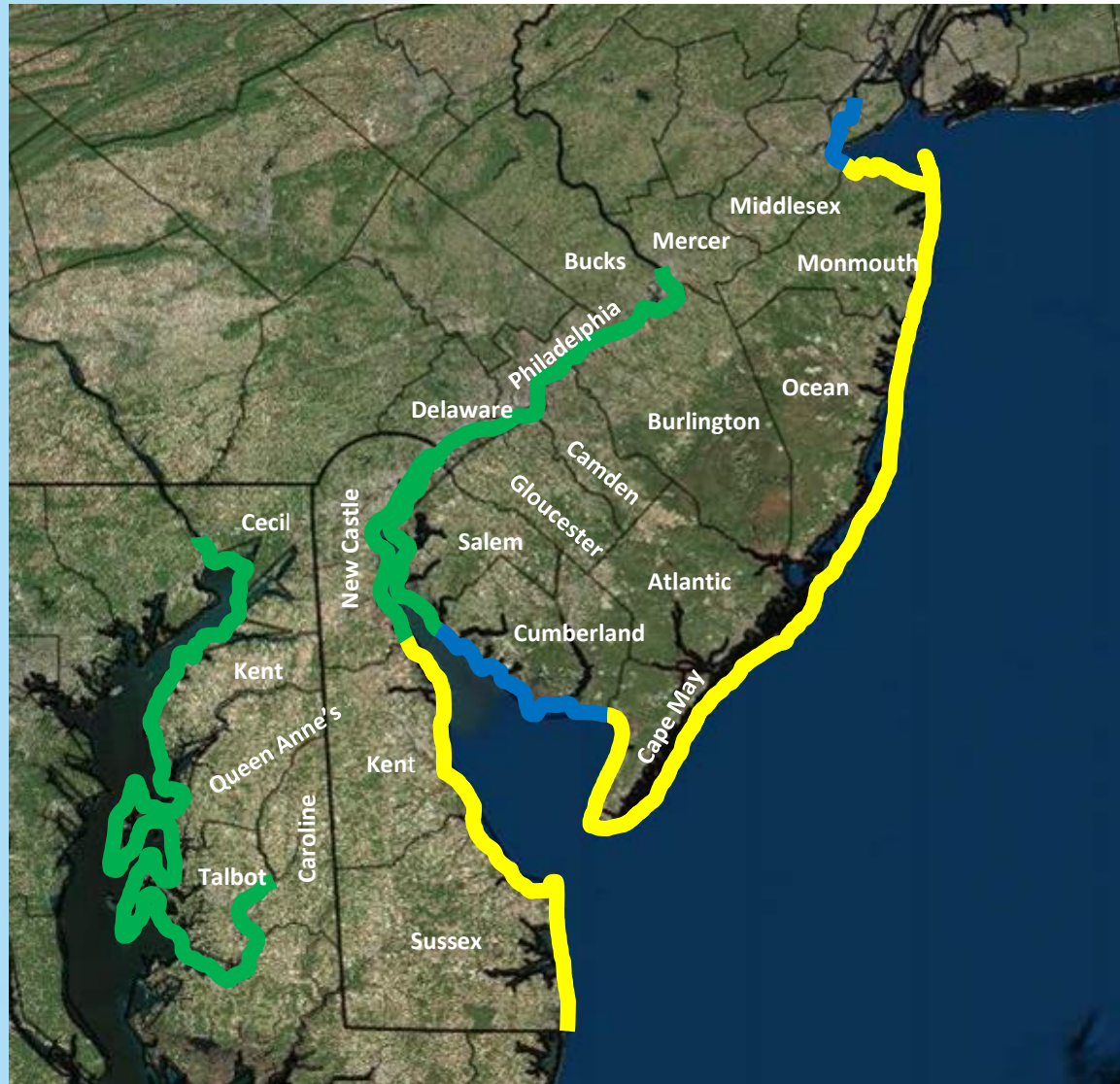
Valid: 01/03/2018 05:00 AM - 01/06/2018 05:00 PM EST



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01/03/2018 05:35 AM EST

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Coastal Flooding



- ✓ Thursday Morning High Tide
- ✓ This graphic shows the expected degree of flooding on the oceanfront, bays, and estuaries along the highlighted areas.
- ✓ Stagnant flood waters may freeze on road surfaces.



Event Summary

- ✓ Snow is expected across the region later tonight and tomorrow. Highest amounts are expected along coastal areas.
- ✓ Regardless of snow amounts, strong winds will lead to areas of significant blowing and drifting snow further impacting travel. **Blizzard conditions are expected in coastal areas.**
- ✓ Dangerously cold weather is expected behind this storm through at least Saturday. The lowest wind chills are expected Friday and Saturday morning.
- ✓ Minor coastal flooding is possible tomorrow. In addition to typical minor coastal flooding impacts, any stagnant flood waters may freeze on road surfaces.

Contact and Next Briefing Information



Next Briefing
When: By 6 am Thursday, January 4

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



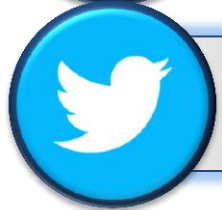
Web:
www.weather.gov/phi



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Disclaimer: *The information contained within this briefing is time-sensitive; do not use after 6 am EST, Jan 4, 2018.*

