

Coastal Storm

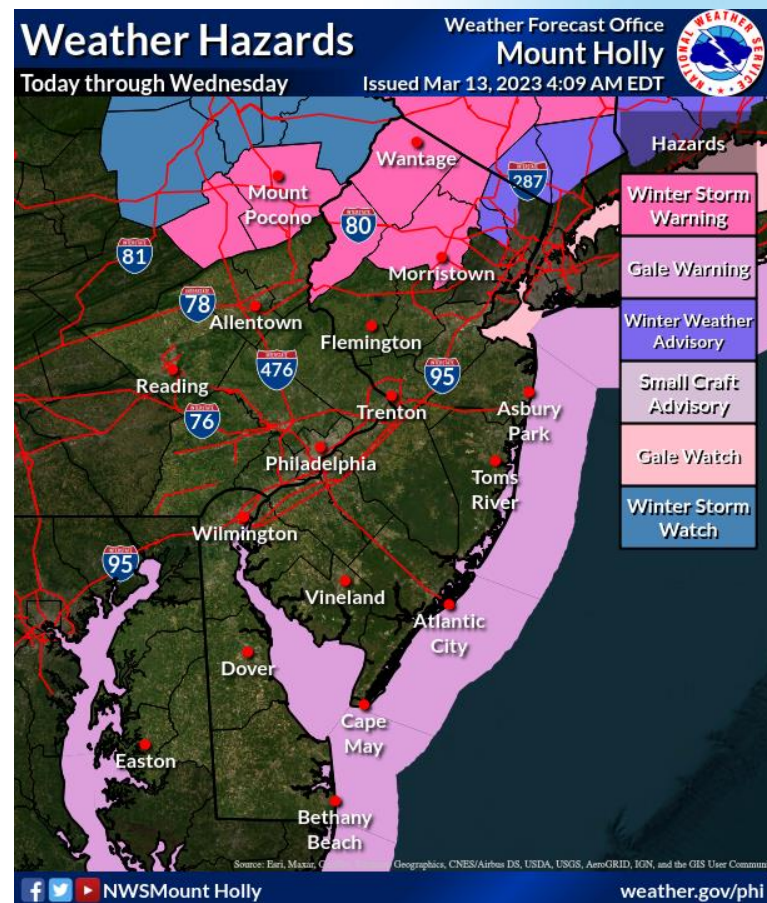
March 13-15, 2023

Decision Support Briefing #3






As of: 6 AM, Monday, March 13, 2023

What Has Changed?

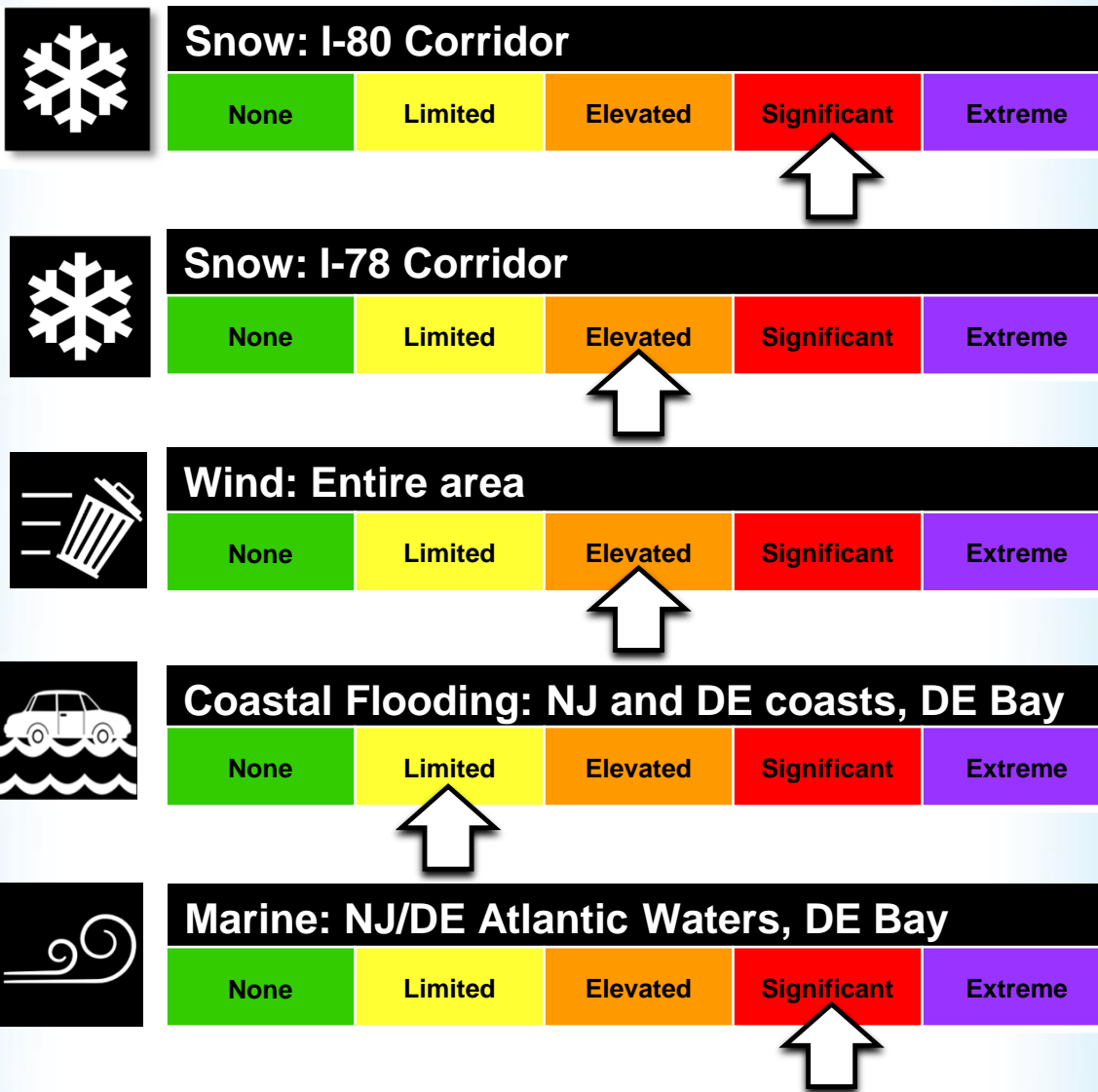
- ✓ *Winter Storm Warnings now in effect and spread farther south.*
- ✓ *Gale Warnings now in effect.*



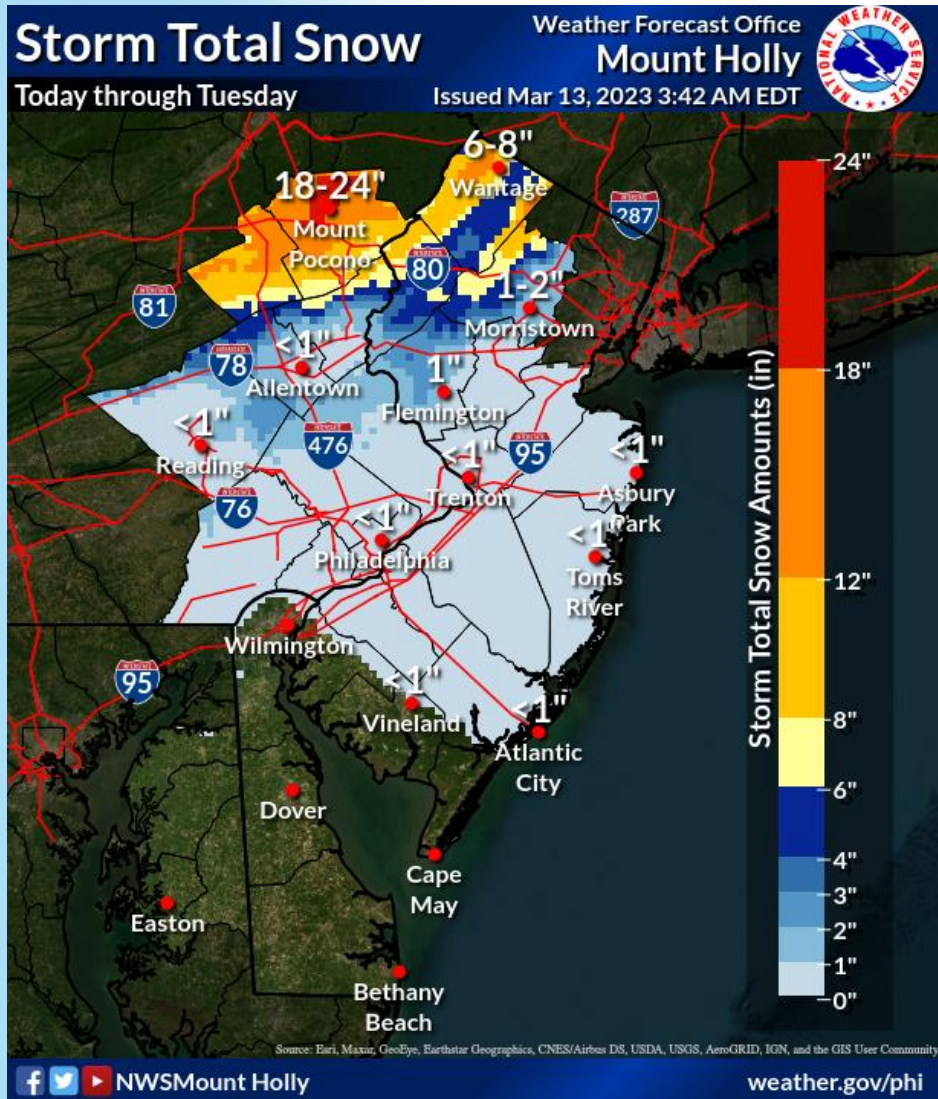
Main Points

Hazard		Impacts	Location	Timing
Snow		12-18 inches, with the greatest amounts at elevations above 1000 feet. Travel could be very difficult.	Carbon and Monroe counties (PA) and Sussex county (NJ). (I-80 corridor)	Snow changes to rain mid-day today, then changes back to snow this evening. Heaviest snow tonight and Tuesday.
		6-8 inches, with the greatest amounts in the higher elevations. Slippery travel possible.	Warren county and the western half of Morris county (NJ) (I-78 corridor)	Tonight and Tuesday.
Wind		NW winds 20-30 mph with gusts 35-45 mph. Some tree damage possible.	Area wide.	Tuesday through Wednesday.
Coastal Flooding		Spotty minor coastal flooding possible.	Along the NJ and DE ocean coasts, as well as lower coastal Delaware Bay.	Tonight through Tuesday morning.
Marine		Gale Warning now in effect. NW wind gusts 35 to 45 knots. Seas 8-10 feet.	NJ and DE Atlantic coastal waters and Delaware Bay.	Tuesday through Wednesday.

Summary of Greatest Impacts



Storm Total Snowfall Accumulation



Uncertainty in Snowfall Forecast:

Confidence in snow amounts and timing is **Moderate** for the I-80 corridor.

Confidence in snow amounts is **Low** for the I-78 corridor.

Impacts	Extreme			
	Significant		X	
	Elevated			
	Limited			
	None			
		Low	Moderate	High
		Confidence		

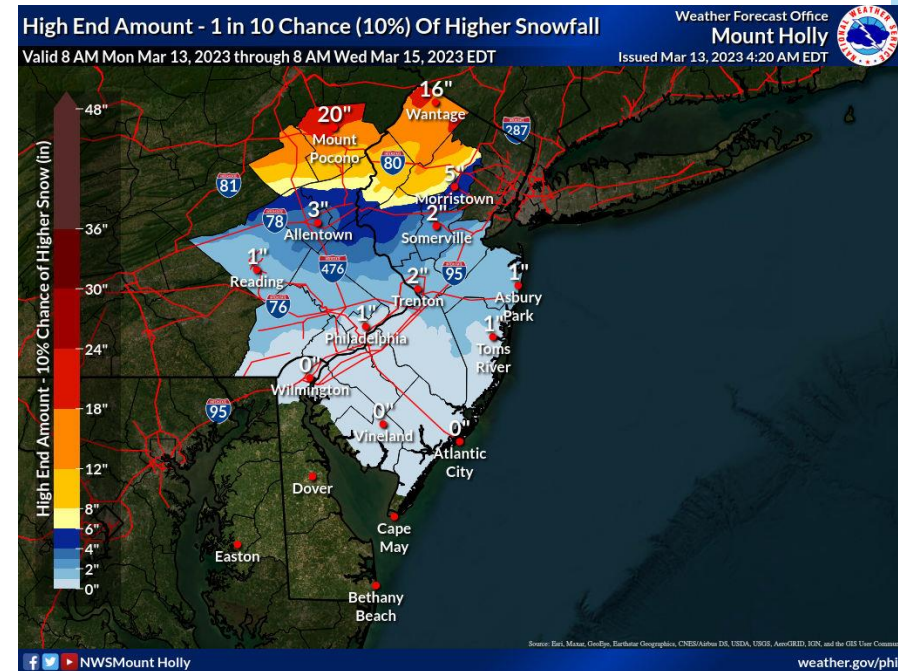
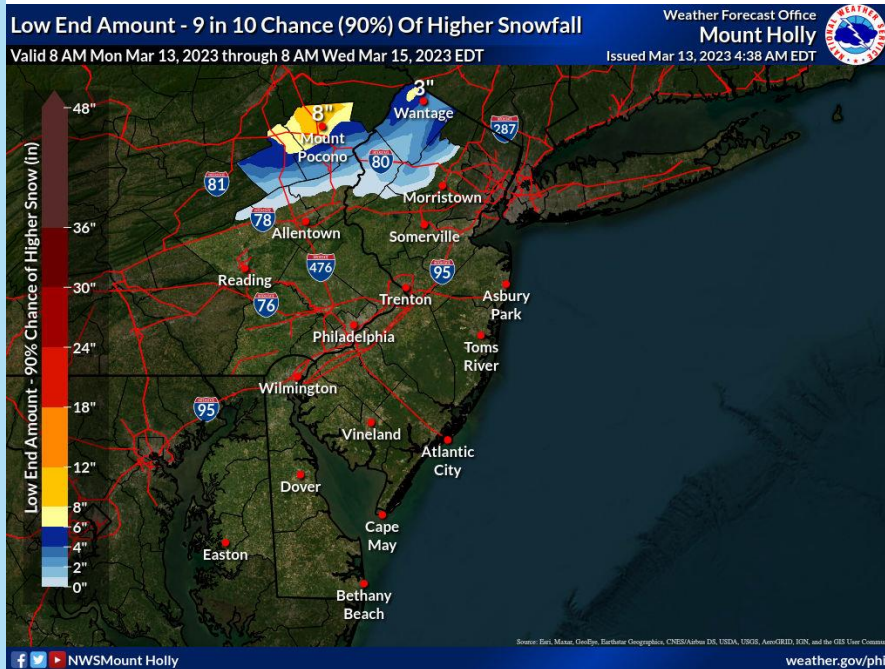
Probabilistic Snowfall Forecast Experimental Product

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



Event Summary

- ✓ Light snow this morning for the southern Poconos and far NW NJ will change to rain for all but highest elevations this afternoon and evening. Rain then changes back to snow tonight and continues through Tuesday.
- ✓ **Heaviest snow for the I-80 corridor (Carbon, Monroe, Sussex (NJ) counties) occurs tonight through at least Tuesday morning, with hourly snowfall rates around 1 inch.**
- ✓ **A heavier band of snow will pivot southward towards the I-78 corridor in NJ late tonight and Tuesday.**
- ✓ Elsewhere, rain becomes steady today and tonight. Rain changes to snow by Tuesday morning, and some snow showers are possible down to the Philadelphia metro and parts of southern NJ.
- ✓ Strongest winds Tuesday into Wednesday with **35 to 45 mph gusts.**
- ✓ **Gale force wind gusts 35-45 knots** on NJ/DE Atlantic coastal waters and DE Bay Tuesday and Wednesday.
- ✓ Spotty minor coastal flooding possible along the NJ/DE coasts and into DE Bay tonight into Tuesday morning.

Contact and Next Briefing Information



Next Briefing

When: 6 PM, Monday, March 13, 2023

Briefing Webpage:

www.weather.gov/media/phi/current_briefing.pdf



Web:

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