

# Winter Storm

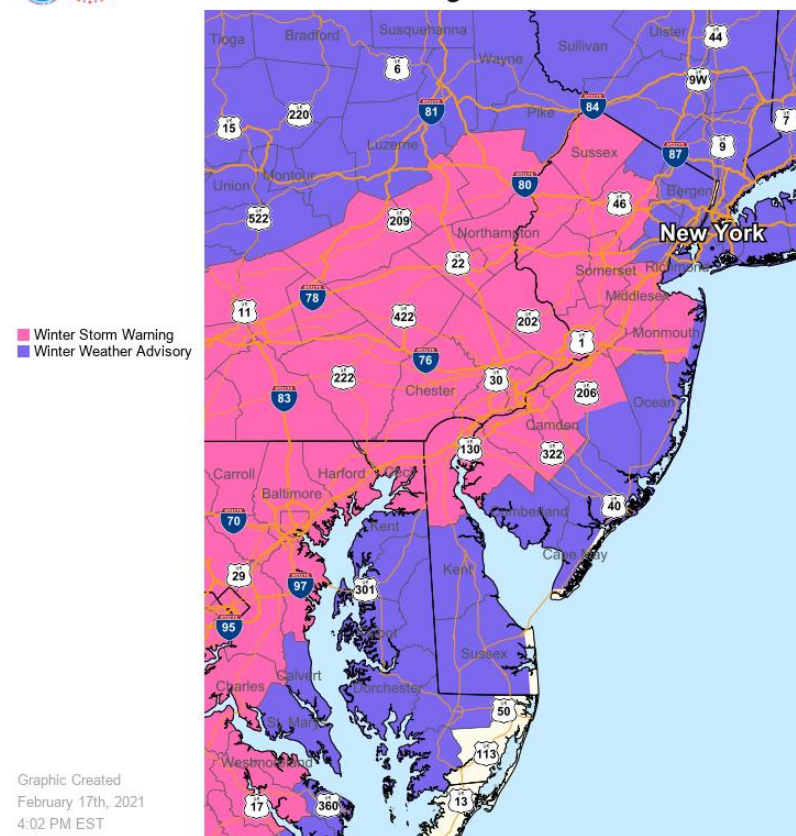
## February 18-19, 2021

**Decision Support Briefing #3**  
**As of: 5 PM, Wednesday,**  
**February 17, 2021**




### **What Has Changed?**

- ✓ *Winter Storm Watches converted to Winter Storm Warnings*
- ✓ *Winter Weather Advisories now in effect for southeast NJ and southern Delmarva*
- ✓ *Snow amounts slightly lowered along the I-95 corridor due to mixing with sleet.*


  Winter Watches Warnings and Advisories



# Main Points

Hazard	Impacts	Location	Timing
<b>Heavy Snow</b> 	<p>Heavy snow, with amounts of 6-8 inches with locally higher amounts, will result in hazardous driving conditions.</p>	<p>Southern Poconos, northwest NJ, Lehigh Valley, Berks County.</p>	<p>Snow develops early Thursday morning and becomes heavy at times Thursday before ending during Friday.</p>
<b>Snow/ Wintry Mix</b> 	<p>Snow, heavy for a time, with amounts of 4-6 inches. Snow eventually becomes a wintry mix of snow, sleet, and in some areas, freezing rain. Up to one-tenth of an inch of ice possible.</p>	<p>Southeast PA, portions of central and southern NJ along the I-95 corridor, northern DE.</p>	<p>Snow develops early Thursday morning and may be heavy at times late Thursday morning, before changing to a wintry mix for some areas. Wintry mix ends during Friday.</p>
<b>Snow/ Wintry Mix/ Rain</b> 	<p>Snow with amounts of 1-4 inches, becoming a wintry mix, then eventually becoming rain.</p>	<p>Portions of southeast NJ, southern Delmarva and northeast MD.</p>	<p>Snow develops early Thursday morning and may be heavy for a time late Thursday morning, before changing to sleet and rain Thursday afternoon and Thursday night.</p>

# Summary of Greatest Impacts

 **Heavy Snow: Lehigh Valley, S Poconos, NW NJ**

None	Limited	Elevated	Significant	Extreme
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 **Snow/wintry mix: SE PA, I-95 corridor, N DE**

None	Limited	Elevated	Significant	Extreme
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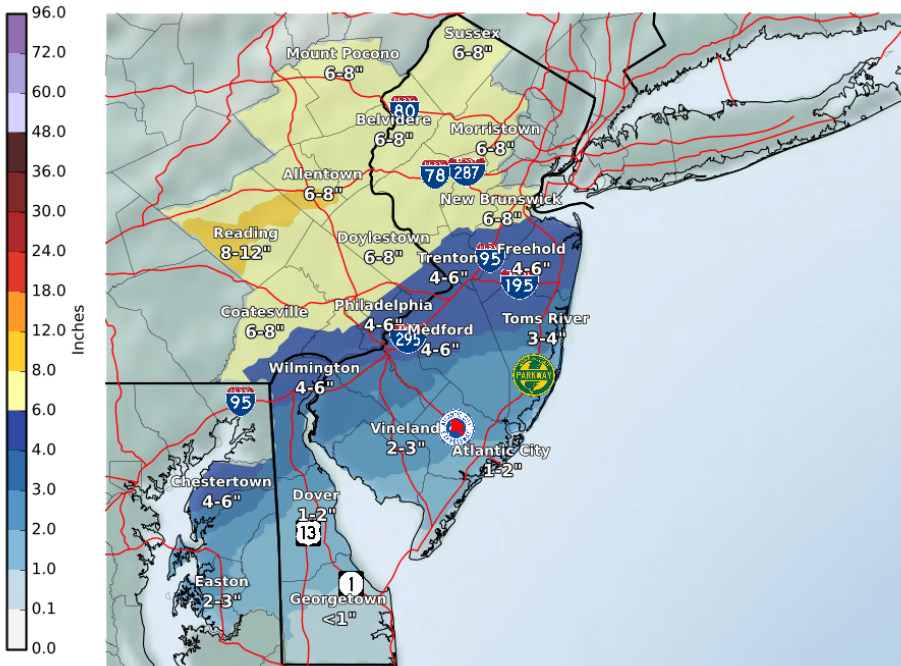
 **Snow/wintry mix/rain: SE NJ, S DE into MD**

None	Limited	Elevated	Significant	Extreme
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# Expected Snowfall Accumulation

**Expected Snowfall - Official NWS Forecast**  
Valid: 02/18/2021 01:00 AM - 02/19/2021 07:00 PM



National Weather Service  
Mount Holly, NJ  
02/17/2021 03:26 PM EST

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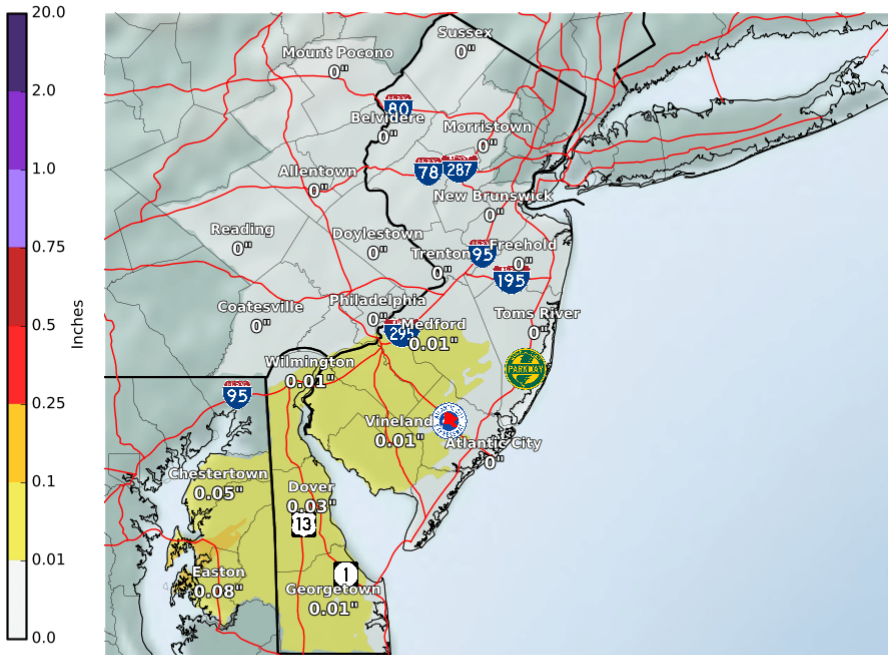
- ✓ High confidence in widespread accumulating snow across the northern third of the area.
- ✓ Lower confidence in snow amounts across the southern two-thirds of the area due to sleet, mixing and/or a change to rain.

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



# Expected Ice Accumulation

**Expected Ice Accumulation- Official NWS Forecast**  
Valid: 02/18/2021 07:00 AM - 02/19/2021 07:00 AM



National Weather Service  
Mount Holly, NJ  
02/17/2021 03:32 PM EST

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- ✓ Moderate confidence in ice accretion across portions of far southeast PA, southern NJ and Delmarva.

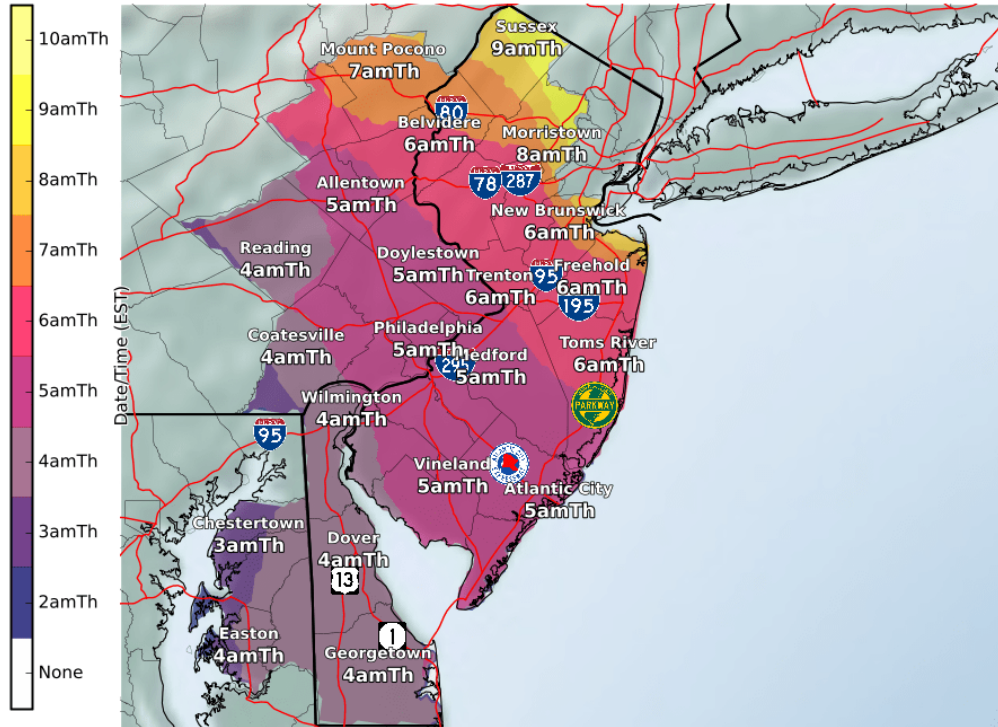
Impacts ↑	Extreme			
	Significant			
	Elevated			
	Limited		X	
	None			
		Low	Moderate	High
		Confidence →		



# Onset Time for Wintry Precipitation

*Experimental Product*

**Winter Precipitation Onset Time**  
Valid: 02/17/2021 07:00 PM - 02/18/2021 07:00 PM



**National Weather Service**  
Mount Holly, NJ  
02/17/2021 03:30 PM EST

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## Event Summary

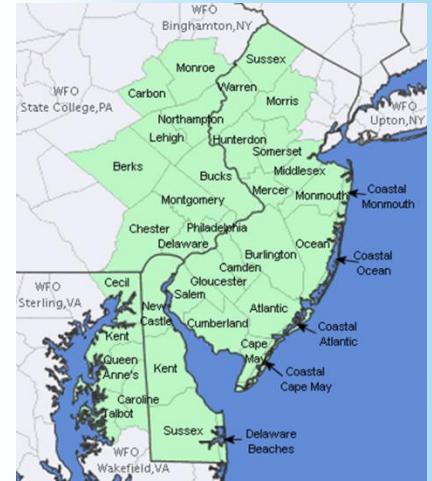
- ✓ Winter Storm Warnings are now in effect for eastern Pennsylvania, most of New Jersey, and northern Delaware.
- ✓ Winter Weather Advisories are now in effect for southeast New Jersey, southern Delaware, and southern portions of the eastern shores of Maryland.
- ✓ Snow develops early Thursday morning, and may become heavy at times through early Thursday afternoon (about 6 AM through 2 PM) with hourly snowfall rates up to 1 inch possible. This is when road conditions would rapidly deteriorate and become hazardous, especially with temperatures below freezing.
- ✓ Snowfall amounts along and south/east of I-95 will depend on how much mixing occurs. There are some indications that a longer period of sleet may occur within a zone across this area.
- ✓ The bulk of the accumulating snow still looks to occur Thursday into Thursday night, with some lighter wintry precipitation lingering into Friday.

# Contact and Next Briefing Information



**Next Briefing**  
*By 6 AM Thursday,  
February 18, 2021.*

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



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