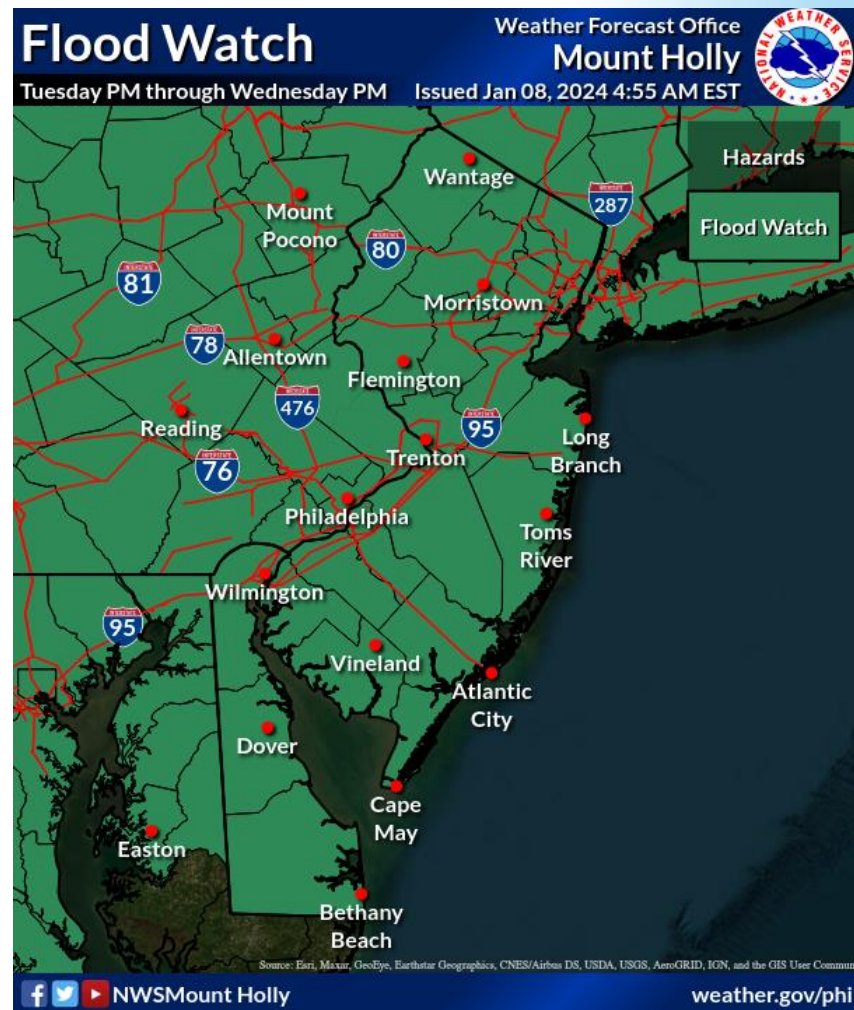


Powerful Storm System January 9-10, 2024





Decision Support Briefing #2 As of: 6:00 AM, January 8, 2024

What Has Changed?

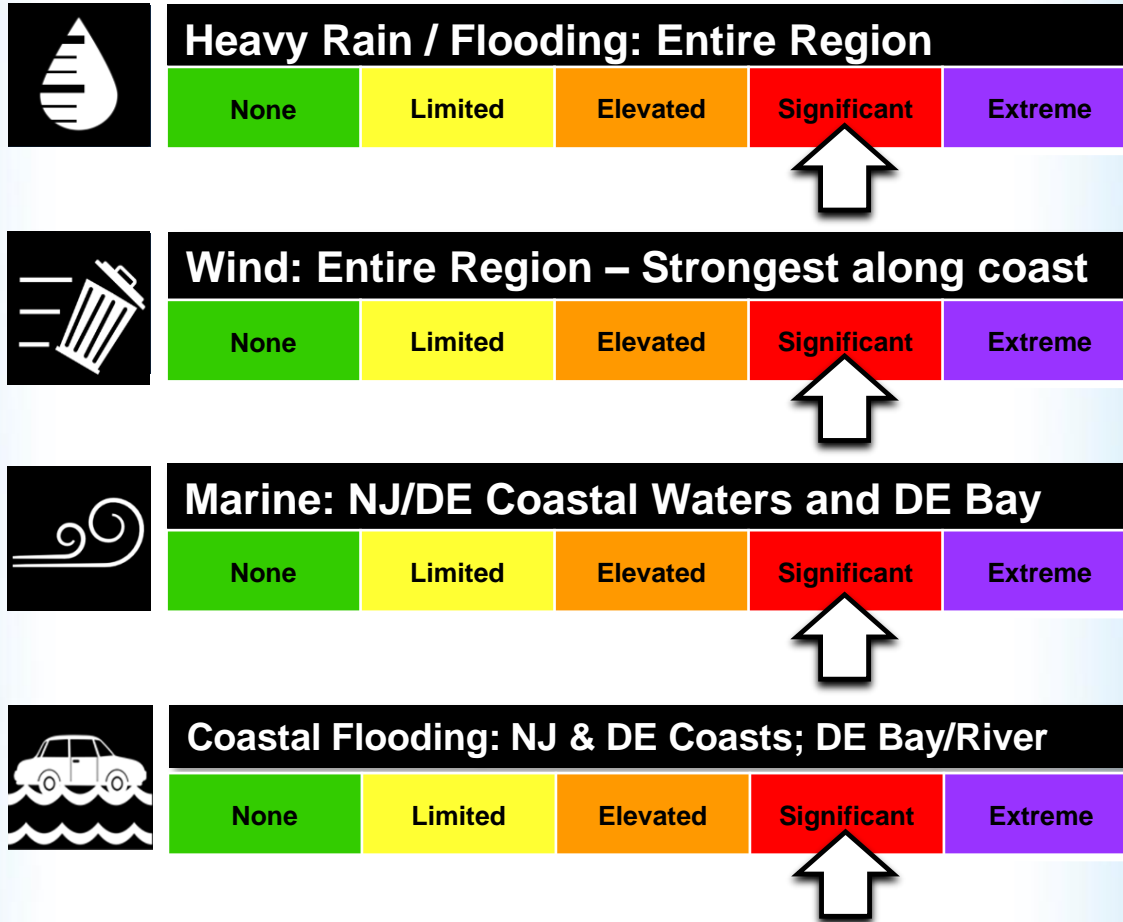
- ✓ High Wind Watch expanded some.
- ✓ Rainfall totals lowered some across portions of Delmarva and southeastern New Jersey.



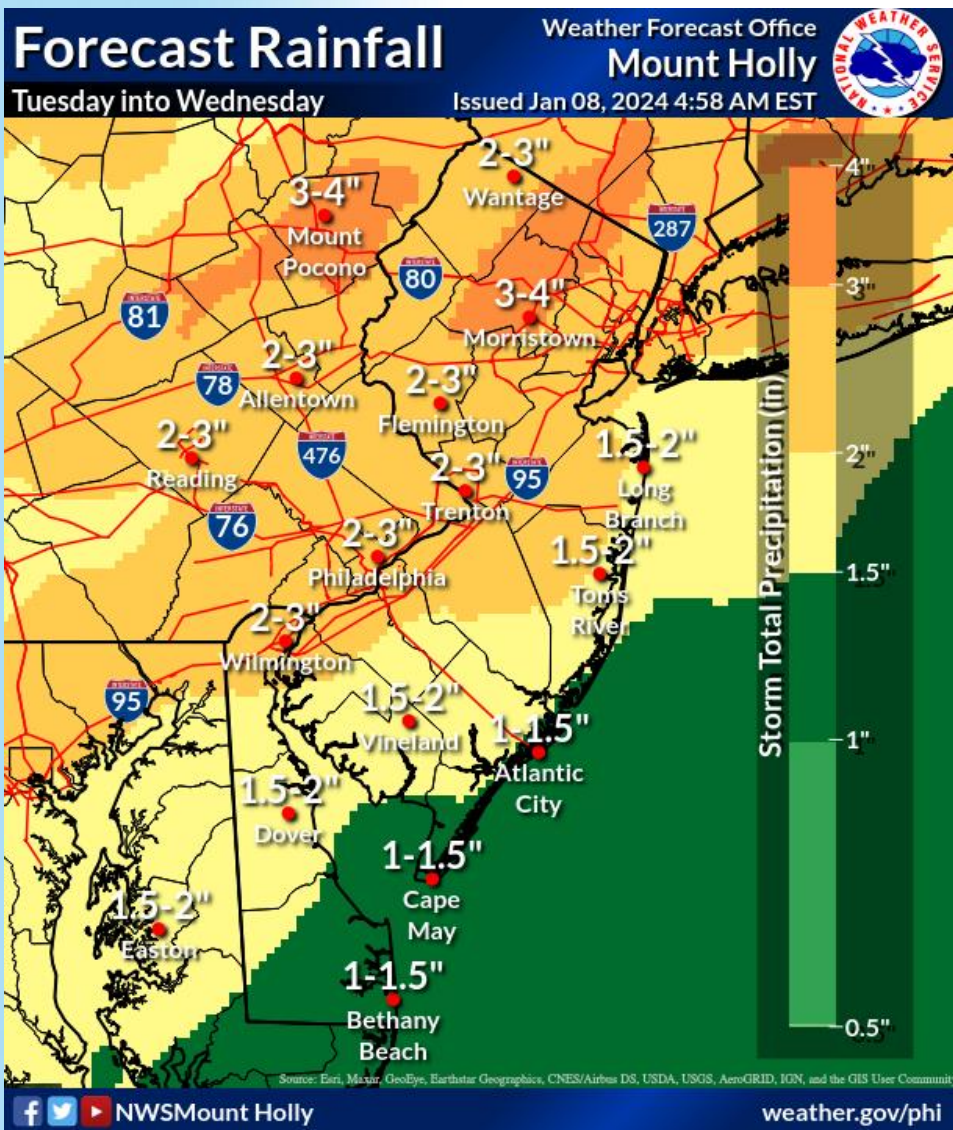
Main Points

Hazard	Impacts	Location	Timing
Heavy Rain/ Flooding 	<p>1 to 3 inches expected, with up to 4 inches possible in some areas. Moderate to major river flooding possible. Urban and small stream flooding possible.</p>	<p>Entire region. The most significant river flooding potential for northern NJ and southeast PA.</p>	<p>Heaviest rain occurs Tuesday night. River flooding risk continues through Wednesday and beyond.</p>
Wind 	<p>Strong to damaging south to southeast winds possible. Tree damage and power outages possible, especially closer to the coast.</p>	<p>Inland areas: 40-50 mph gusts possible. Coastal areas: 55-65 mph gusts possible.</p>	<p>Tuesday afternoon with the strongest winds Tuesday night.</p>
Marine 	<p>Storm-force winds probable. Dangerous seas building to 15-20 feet; lower on Delaware Bay.</p>	<p>All Atlantic coastal waters of New Jersey and Delaware, including Delaware Bay.</p>	<p>Tuesday afternoon and Tuesday night. High seas and Gales lingering into Wednesday.</p>
Coastal Flooding 	<p>Potential for widespread minor to moderate coastal flooding.</p>	<p>New Jersey, Delaware, the eastern shore of Maryland and the tidal Delaware River.</p>	<p>Tuesday afternoon into Wednesday.</p>

Summary of Greatest Impacts



Storm Total Rainfall Amounts



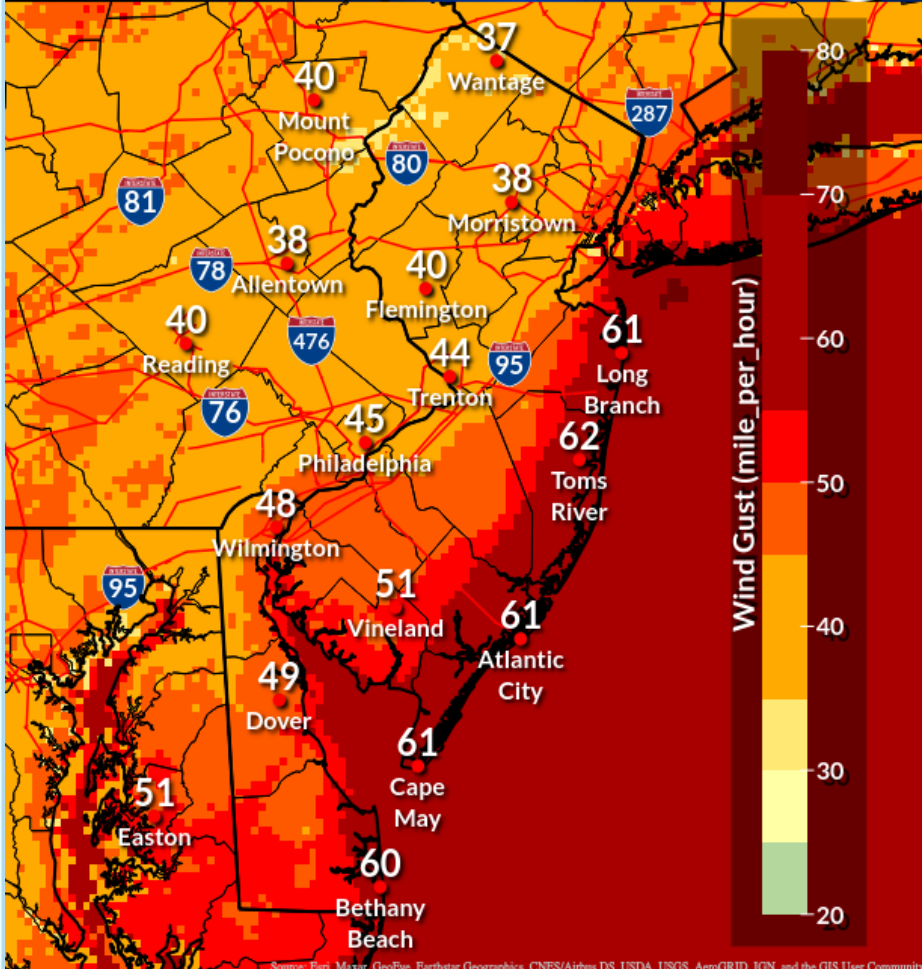
Moderate to major river flooding possible, especially for portions of eastern PA and northern NJ. Urban and small stream flooding possible.

Heaviest rain focused across northern NJ and northeast PA due to very strong southeast flow into the higher terrain.

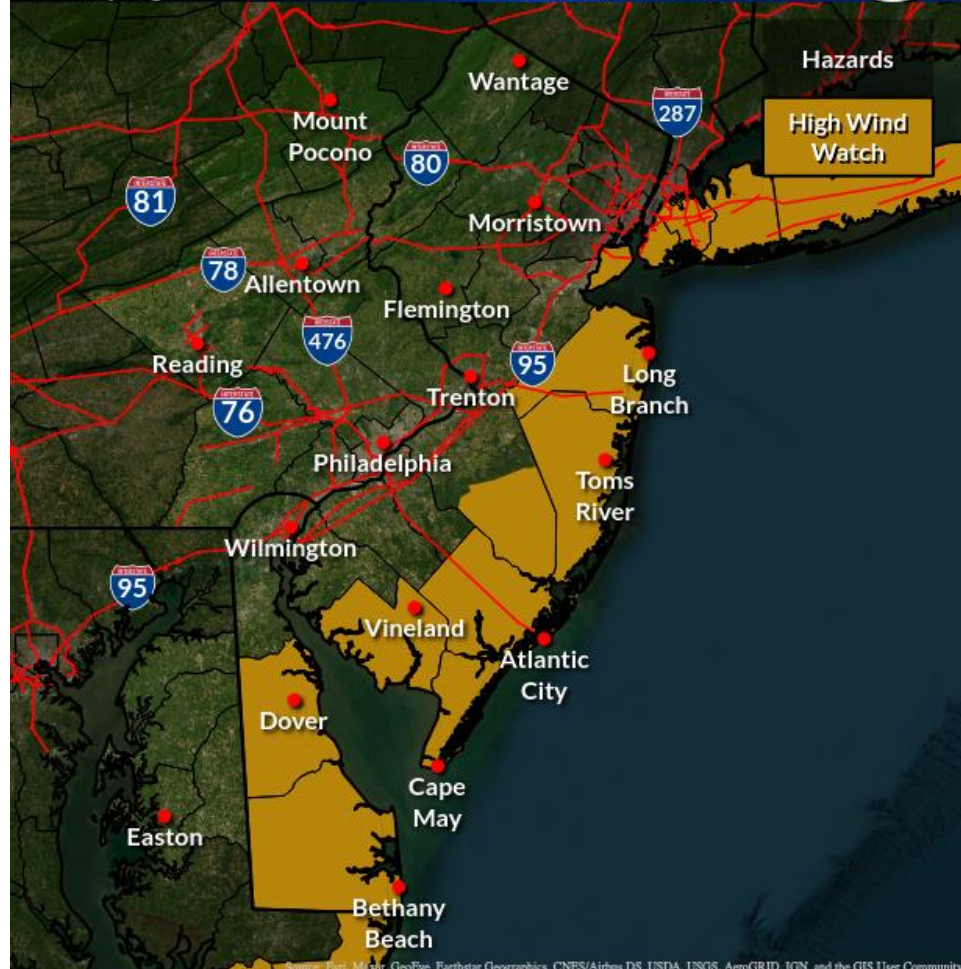
A period of higher rainfall rates Tuesday night may increase the flood risk especially in urban areas.

High Winds Tuesday Afternoon and Tuesday Night

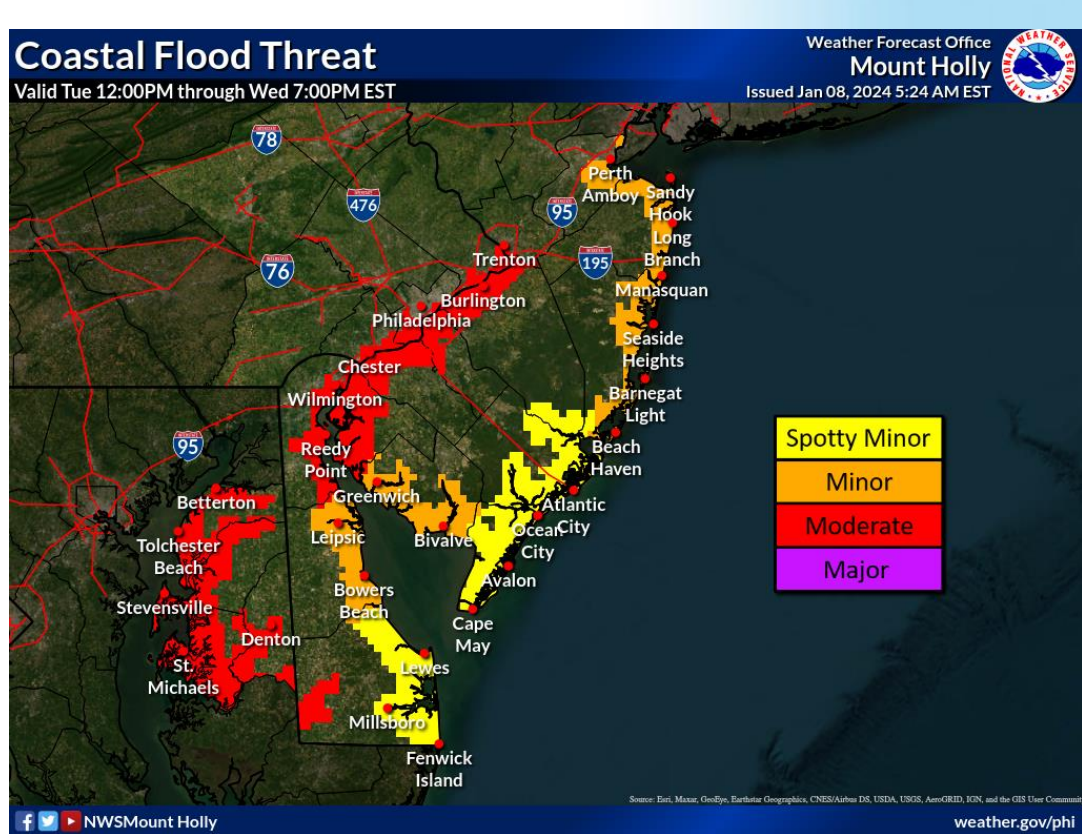
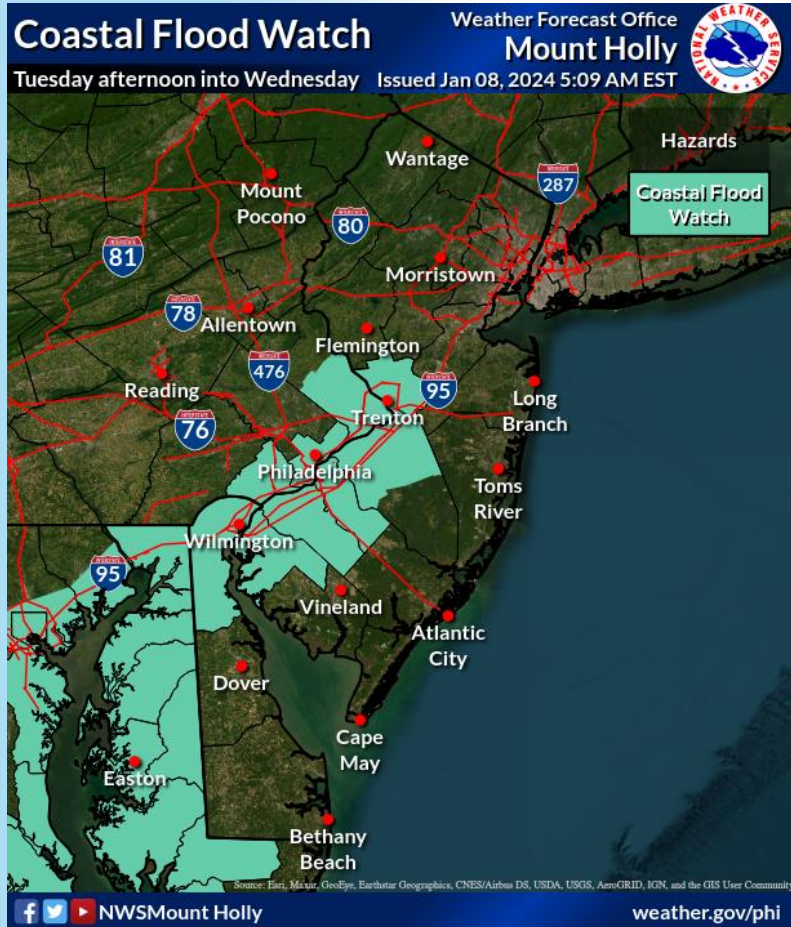
Max Wind Gusts
Weather Forecast Office
Mount Holly
Tuesday afternoon and Tuesday night Issued Jan 08, 2024 5:03 AM EST



High Wind Watch
Weather Forecast Office
Mount Holly
Tuesday night Issued Jan 08, 2024 5:15 AM EST



Coastal Flood Hazards and Threats



Event Summary

- ✓ **Flooding:** Several rivers may experience moderate to major flooding, especially across northern NJ and southeast PA. River flooding risk continues Wednesday and beyond. Widespread urban & small stream flooding possible. **Snowmelt and heavy rain across the northern areas will enhance runoff.**
- ✓ **Strong/Damaging Winds:** **High Wind Watch** for the NJ and DE coastal counties for the potential for southeast to south wind gusts up to 65 mph Tuesday night. There is lower confidence regarding how strong the winds get farther inland. A line of heavier showers Tuesday night with the cold front could potentially produce a period of stronger winds. Gusty west to southwest winds continue on Wednesday.
- ✓ **Marine:** **Storm Watch** in effect for all marine zones with gusts up to 55 knots possible. Dangerous seas building to 15-20 feet later Tuesday and lingering into Wednesday.
- ✓ **Coastal Flooding:** Tuesday PM into Wednesday. **Coastal Flood Watch** for the potential for moderate flooding for the tidal Delaware River, Upper Delaware Bay, and eastern MD Shore areas. Severity of flooding will depend on surge timing in respect to high tide, and excessive runoff from heavy rain may elevate water levels even more.

Contact and Next Briefing Information



Next Briefing by
6 PM Monday
January 8th



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



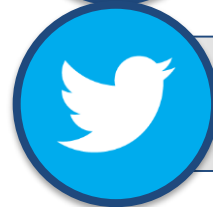
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