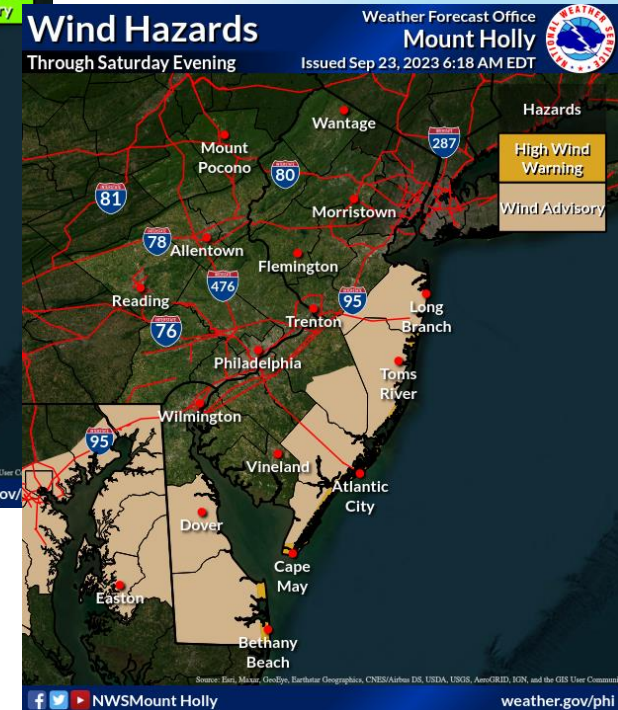


Coastal Storm September 22-24, 2023






**Decision Support Briefing #4
As of: 7:00 AM,
Saturday, September 23, 2023**

What Has Changed?

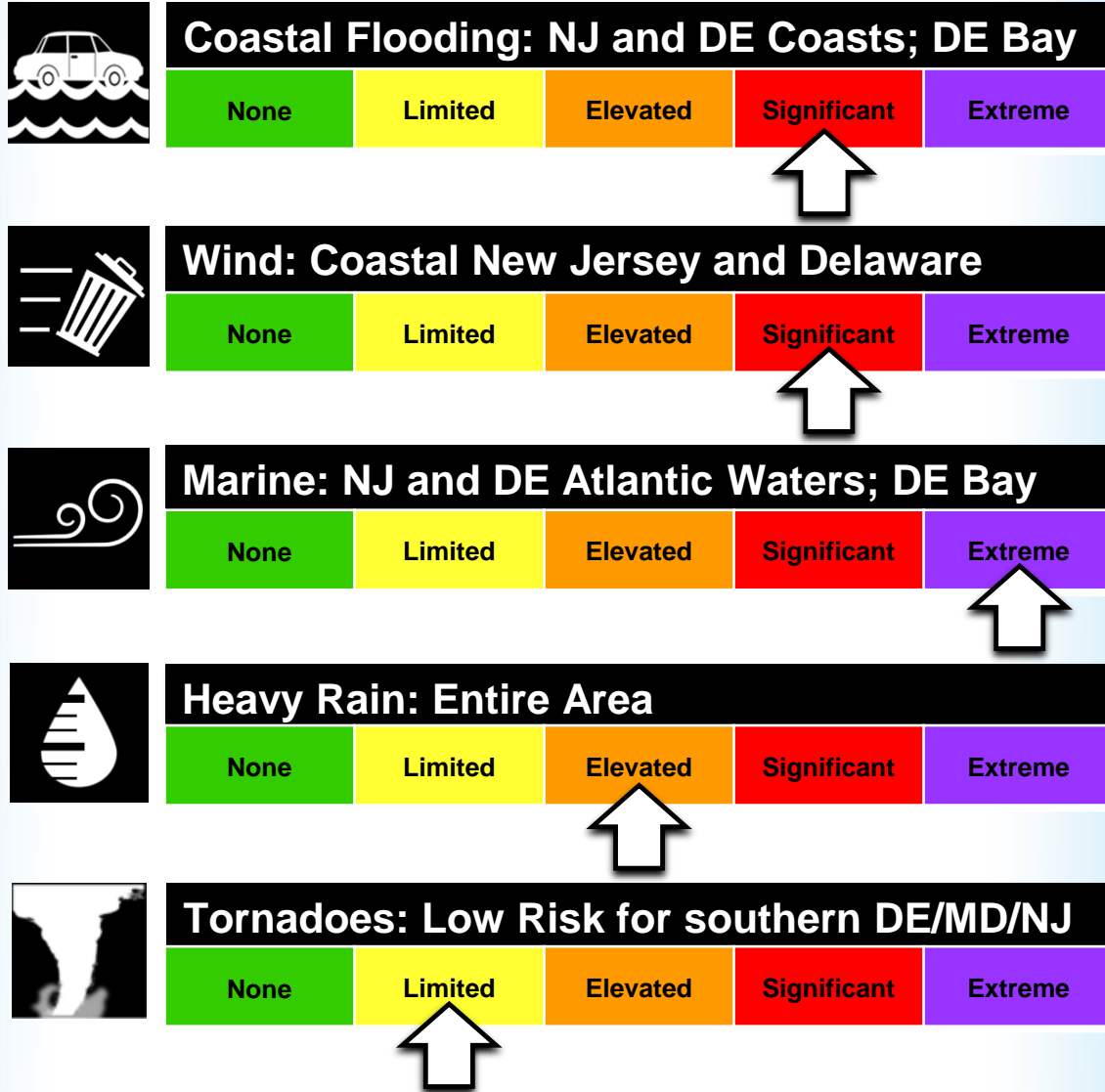
- ✓ Slight downward trend in rainfall
- ✓ Minor adjustments maximum wind gust values
- ✓ Minor adjustments to the coastal flooding forecast water level values.



Main Points

Hazard	Impacts	Location	Timing
Coastal Flooding 	<p>Moderate coastal flooding for much of NJ and DE coasts. Minor flooding elsewhere (see threat map).</p>	<p>Coastal NJ and DE including Delaware Bay. Portions of Maryland's Eastern Shore.</p>	<p>Greatest inundation with this afternoon & evening's high tide. Some lingering flooding possible tonight and Sunday.</p>
Wind 	<p>Strong winds may result in some downed trees and power lines resulting in scattered power outages.</p>	<p>Inland areas: 30-50 mph gusts. Coastal areas: 50-60 mph gusts.</p>	<p>Mainly through this afternoon.</p>
Marine 	<p>Storm-force and Gale-force winds. Dangerous seas building to 10-15 feet.</p>	<p>Across all marine zones.</p>	<p>Through tonight. Strongest winds and highest seas this morning into this afternoon.</p>
Heavy Rain 	<p>Widespread 1.5-2.5 inches of rain. Localized urban & small stream flooding possible.</p>	<p>Entire area; heaviest rainfall along the coast.</p>	<p>Period of heavier rain lifting northward this morning; another round possible tonight and Sunday.</p>
Tornadoes 	<p>The threat of tornadoes remains low.</p>	<p>Southern portions of eastern MD, southern DE, extreme southeast NJ.</p>	<p>This afternoon and early evening.</p>

Summary of Greatest Impacts



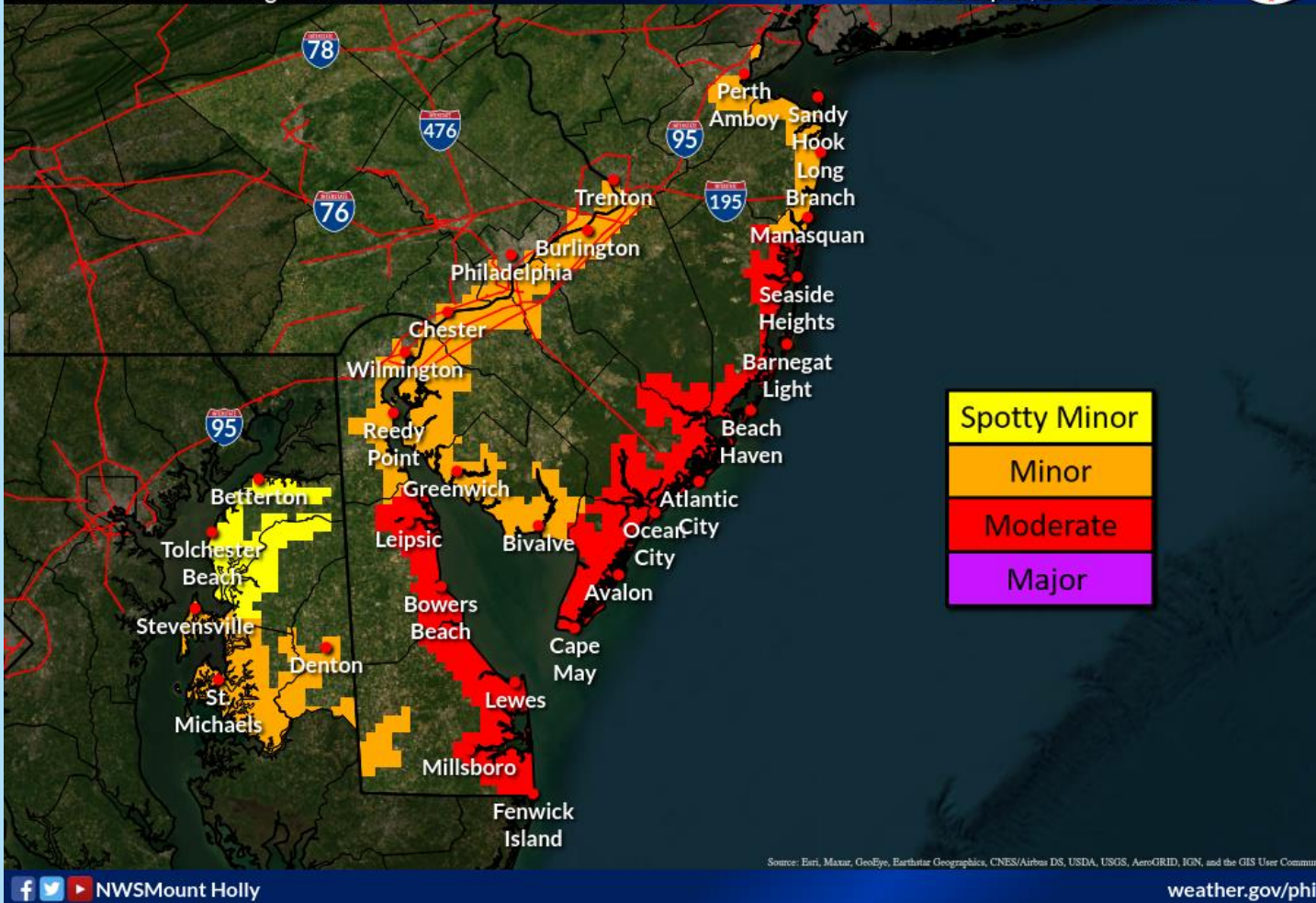
Moderate Coastal Flooding

Coastal Flood Threat

Valid Sat 12:00PM through Sun 8:00AM EDT

Weather Forecast Office
Mount Holly

Issued Sep 23, 2023 6:03 AM EDT

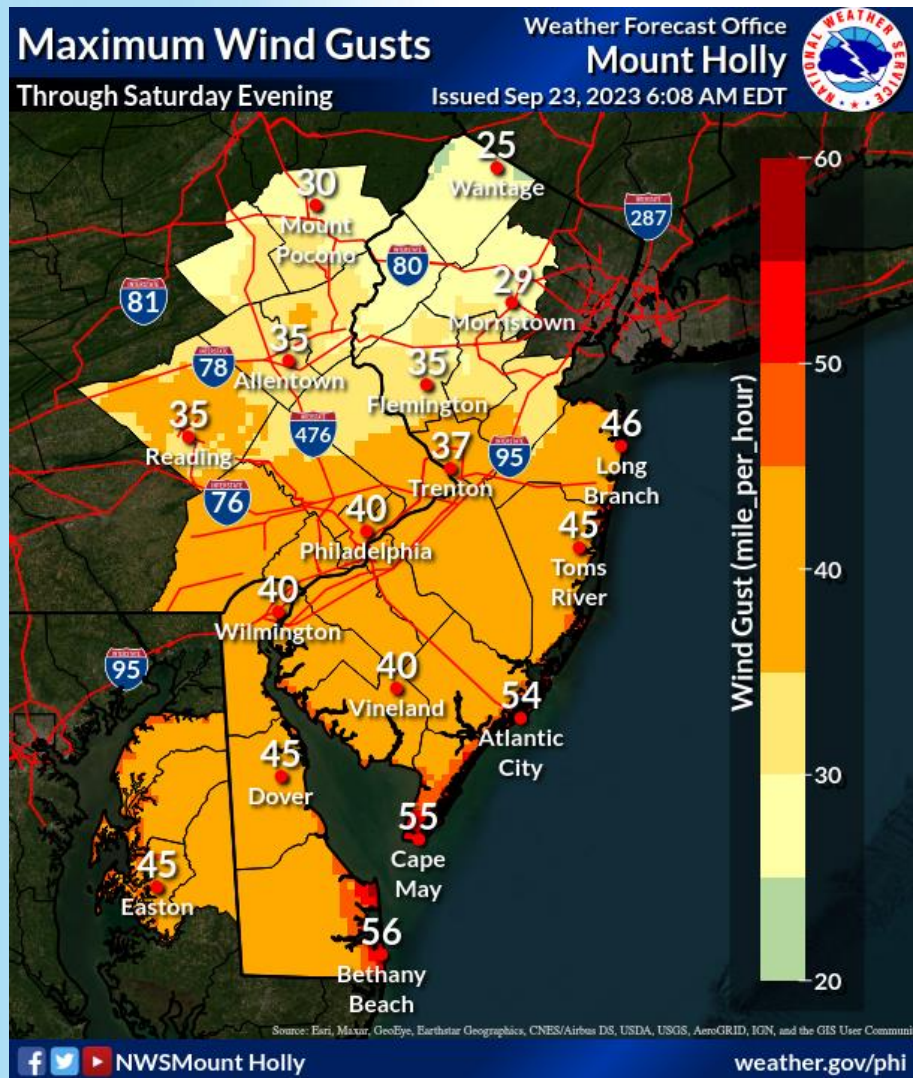


Moderate coastal flooding for most of the NJ Atlantic coast and the DE coast.

A few locations in coastal areas of southern DE and far southern NJ may near major coastal flooding levels.



Damaging Winds Along the Coast



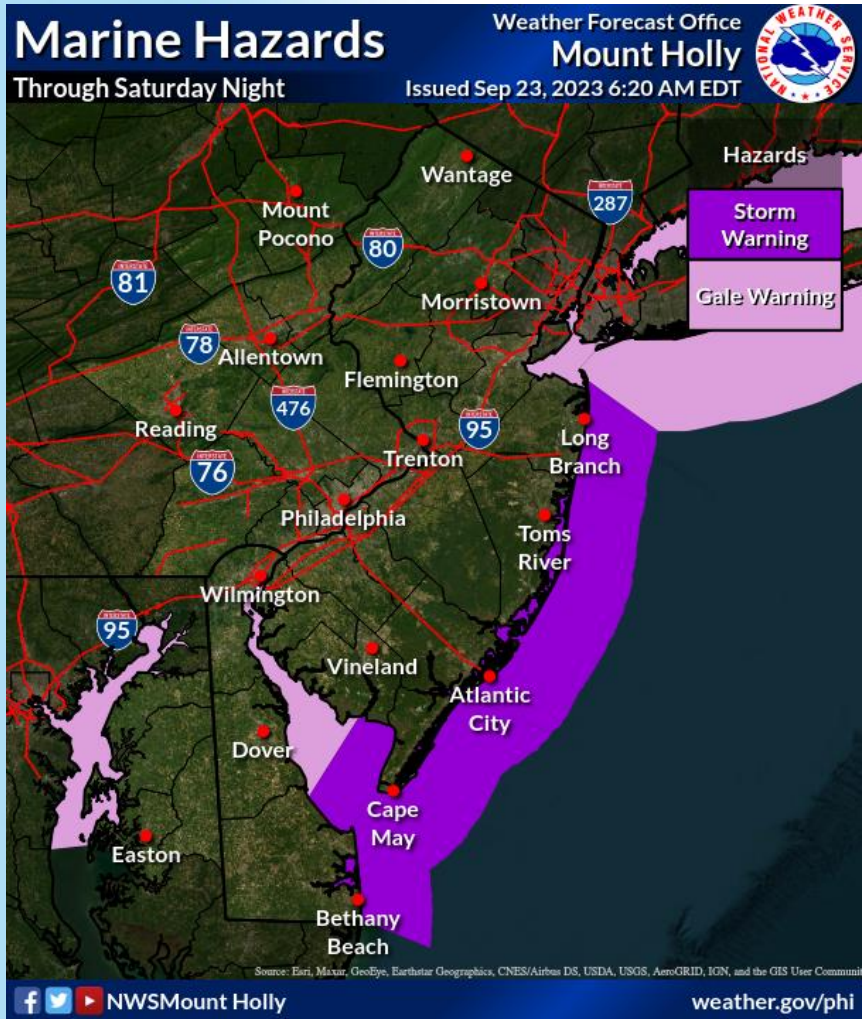
Peak wind gusts to **50-60 mph** for coastal areas of Delaware and New Jersey. Maximum wind gusts **30-50 mph** inland.

Strongest winds mainly this morning through early afternoon.

Some downed trees and power lines possible which can result in scattered power outages, especially close to the coast.

High Wind Warnings for most of the NJ and DE coasts, and a **Wind Advisory** a little farther inland including most of DE and all of Maryland's Eastern Shore counties.

Dangerous Marine Conditions



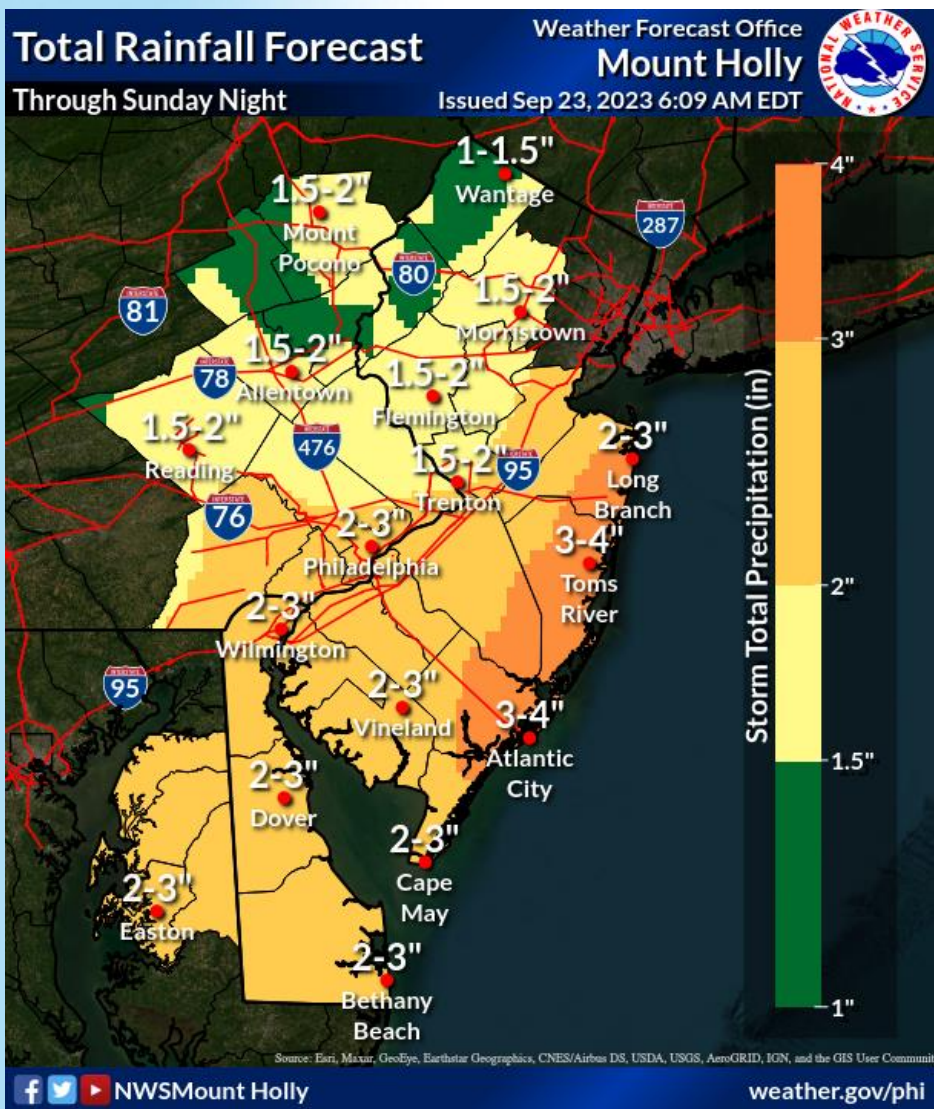
Storm-force and Gale-force winds expected across all marine zones.

Maximum wind gusts up to 50 knots across the Atlantic coastal waters and lower Delaware Bay.

Dangerous seas building to 10-15 feet (lower in the upper Delaware Bay).

Strongest winds and highest seas occur this morning into this afternoon.

Storm Total Rainfall Amounts



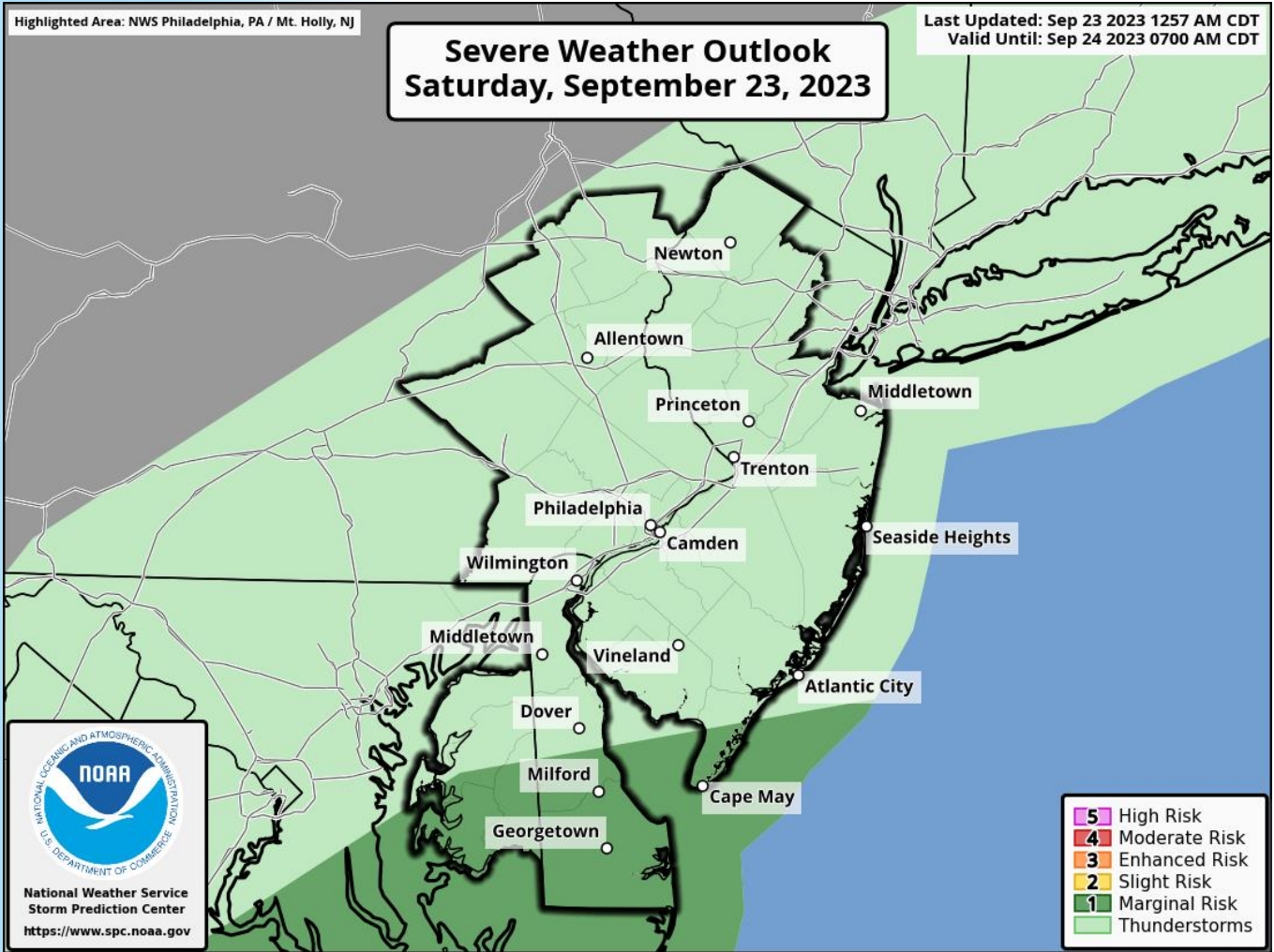
Widespread 1.5-2.5 inches of rain, with locally 3-4 inches possible along portions of the coastal areas. Time of duration: through Sunday night.

Rain will fall heavy at times from south to north this morning.

Localized urban & small-stream flooding possible today, with a lingering risk mainly near and north/west of I-95 Sunday.



Low Risk for Tornadoes



Tornado risk remains minimal at this time and restricted to southern DE/MD and extreme southeast NJ.



Event Summary

- ✓ **Moderate coastal flooding** along most of the DE and NJ coasts with the highest water levels during the afternoon/evening high tide today. Some local spots in southern DE and far southern NJ could near **major** flooding.
- ✓ **Damaging winds mainly along the coast** could result in some downed trees and power lines and therefore scattered power outages. For marine interests, dangerous winds and seas for all vessels.
- ✓ **Heavy rain** at times through the weekend could lead to localized urban or small-stream flooding. A period of heavier rain this morning, then another round possible later this evening and Sunday. On Sunday, the heaviest rain may shift to near and north/west of I-95.
- ✓ **Life-threatening rip currents and high surf** along all area beaches through the weekend. Areas of significant beach erosion is likely.

Contact and Next Briefing Information



Final Briefing
Unless significant changes to the forecast occur



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



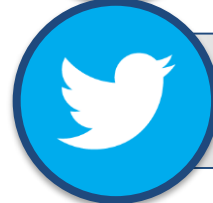
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