

Powerful Storm System January 9-10, 2024





Decision Support Briefing #1
As of: 5:00 PM,
January 7, 2024

What Has Changed?

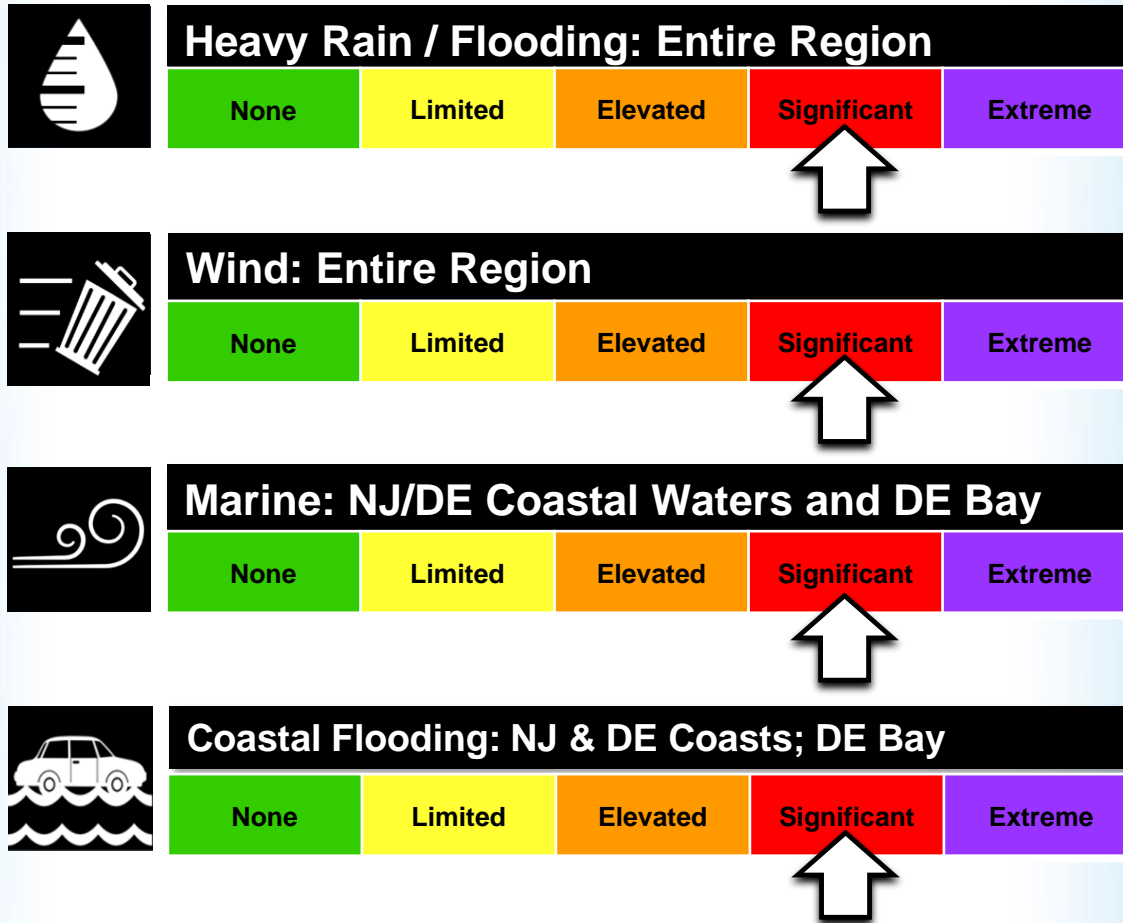
- ✓ Initial Briefing



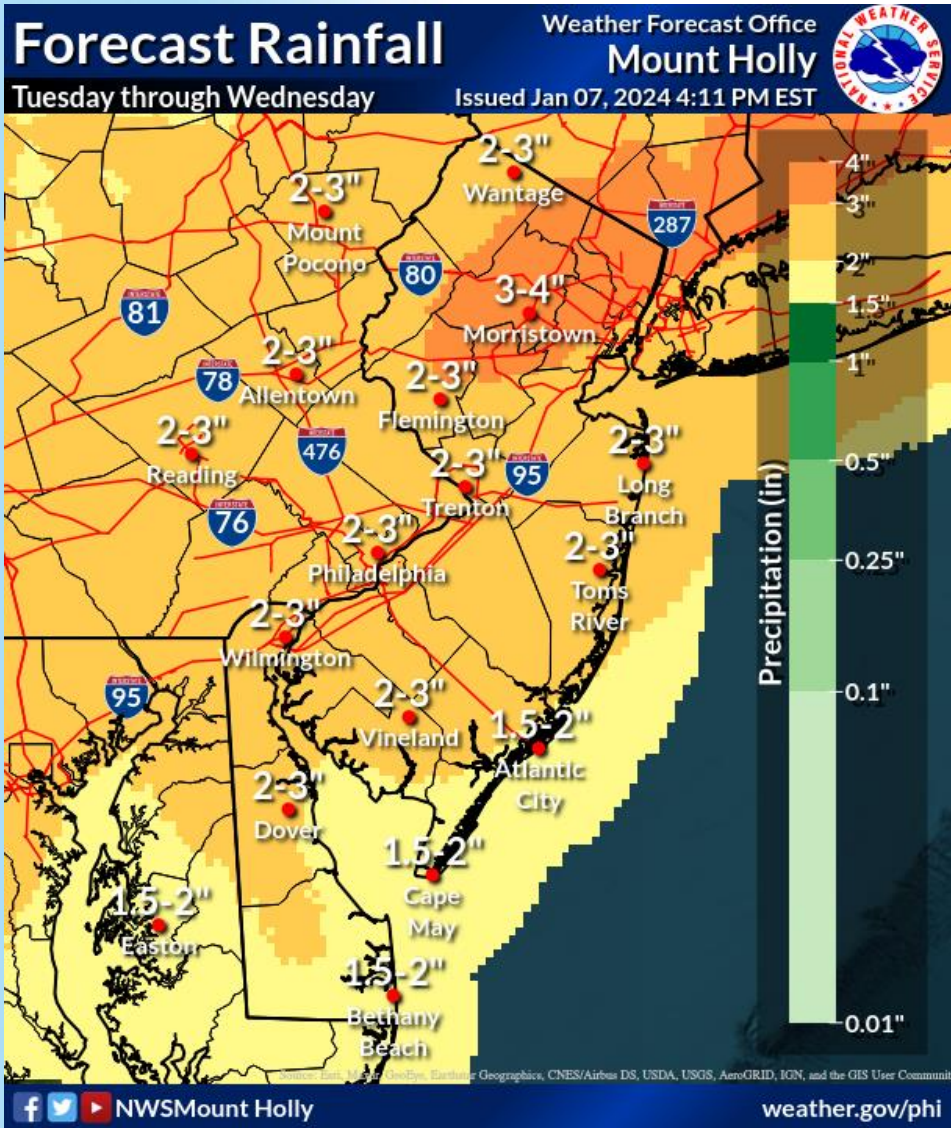
Main Points

| Hazard | Impacts | Location | Timing |
|--|---|--|---|
| Heavy Rain / Flooding  | <p>Widespread 2 to 3 inches with up to 4 inches possible in some areas. Widespread urban & small stream flooding, widespread moderate/major river flooding.</p> | <p>Our entire region. Most significant river flooding expected for northern New Jersey.</p> | <p>Heaviest rain will occur Tuesday afternoon and Tuesday night. River flooding continues through Wednesday and beyond.</p> |
| Wind  | <p>Very strong and damaging south to southeast winds potentially resulting in numerous power outages – especially near the coast.</p> | <p>Inland areas: 40-50 mph gusts. Coastal areas: 55-65 mph gusts.</p> | <p>Beginning Tuesday afternoon with the strongest winds Tuesday night.</p> |
| Marine  | <p>Storm-force winds. 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 lingering into Wednesday.</p> |
| Coastal Flooding  | <p>Potential for widespread minor to moderate coastal flooding.</p> | <p>Atlantic coasts of New Jersey, lower Delaware Bay (minor tidal flooding); upper Delaware Bay, tidal Delaware River, Chesapeake Bay (moderate tidal flooding).</p> | <p>Tuesday night into Wednesday.</p> |

Summary of Greatest Impacts



Storm Total Rainfall Amounts



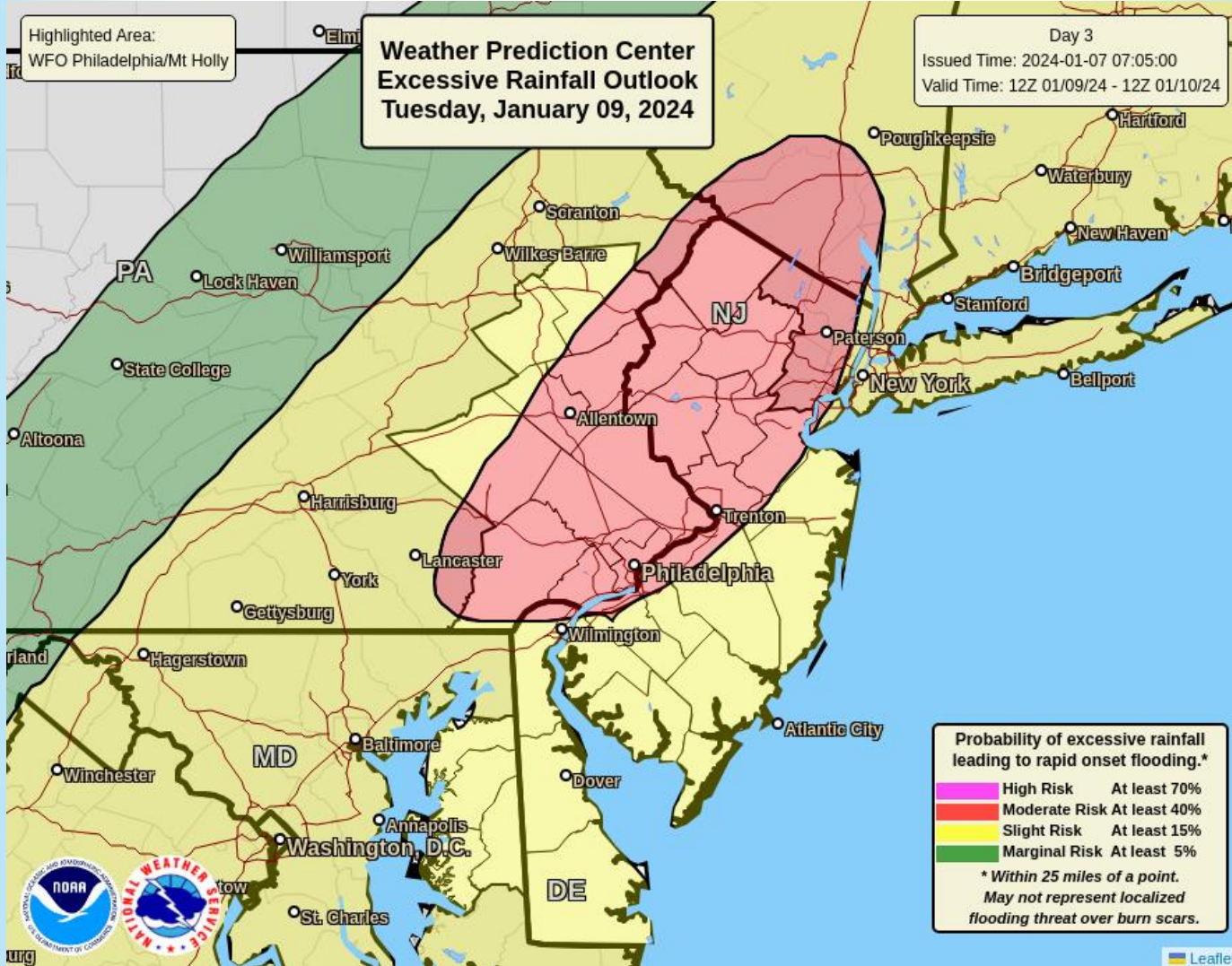
Heaviest rain expected Tuesday afternoon and Tuesday night.

Widespread 2 to 3 inches of rain with locally up to 4 inches.

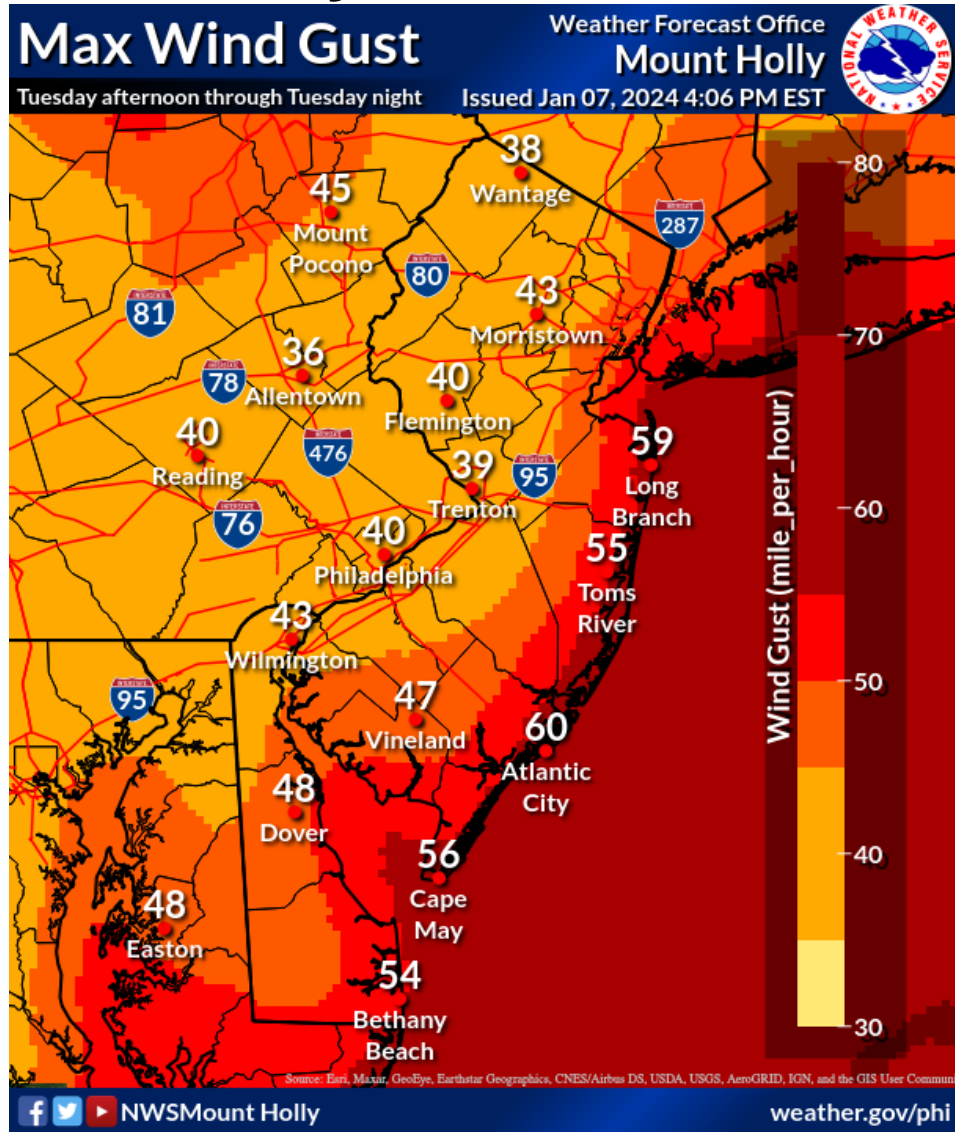
IMPACTS: Urban & small stream flooding. Moderate/major river flooding through the region - especially for northern New Jersey.



Excessive Rainfall Outlook 7 AM Tuesday to 7 AM Wednesday



High Winds Tuesday Afternoon – Tuesday Night



Wind Hazards

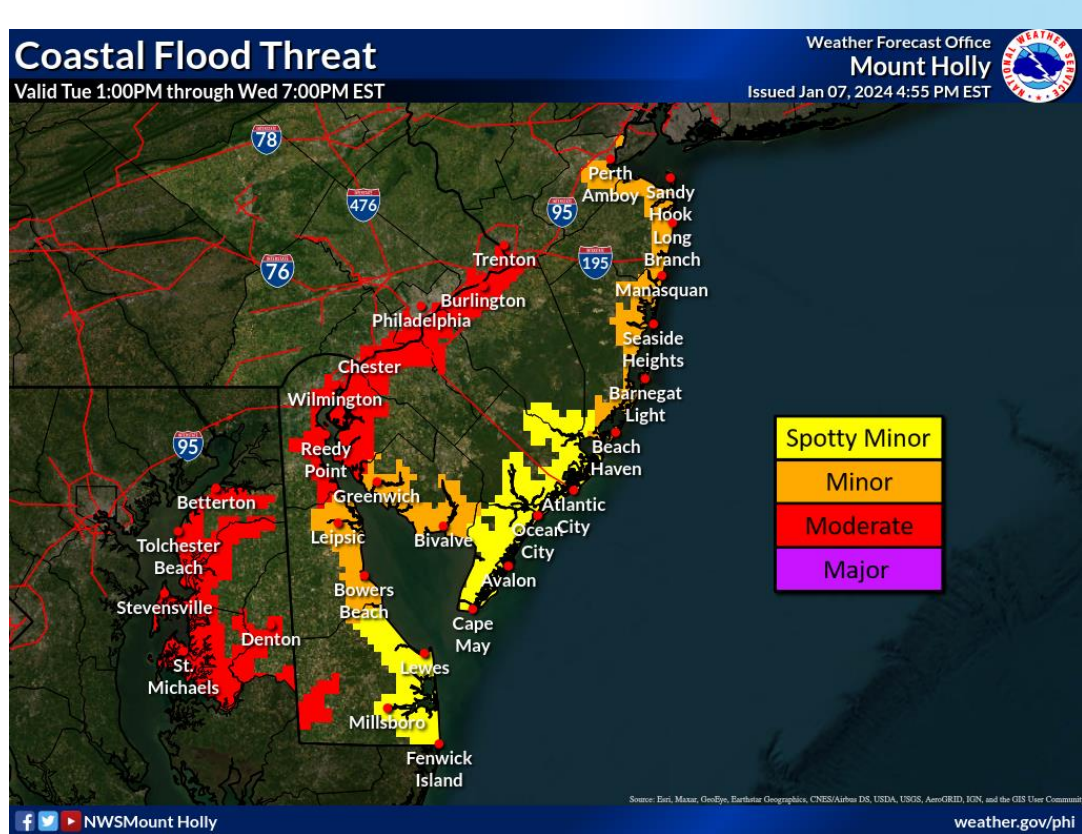
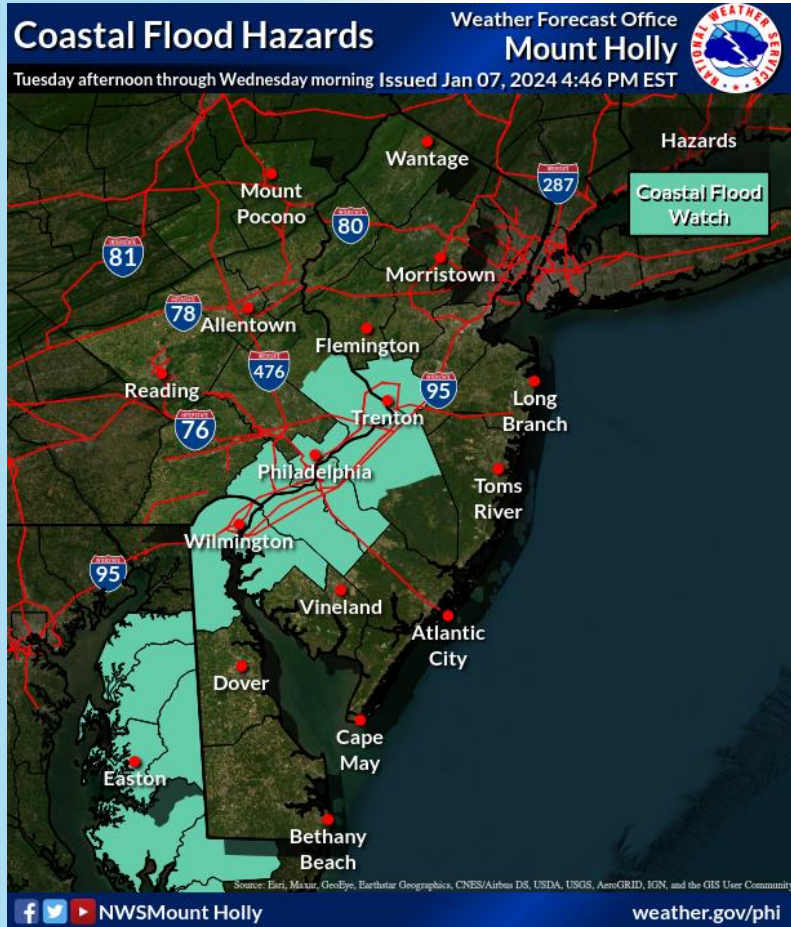


Storm Watch

South to southeast wind gusts up to 55 knots peaking Tuesday night.

Dangerous seas building to 15-20 feet Tuesday night.

Coastal Flood Hazards and Threats



Event Summary

- ✓ **Flooding Rains** across the entire area, with the heaviest occurring Tuesday afternoon into Tuesday night. Widespread urban & small stream flooding, widespread moderate/major river flooding - especially for northern New Jersey. Flooding continuing Wednesday and beyond.
- ✓ **Damaging Winds:** South to southeast wind gusts 40-50 mph inland, with gusts up to 65 mph for coastal areas. The strongest winds occur Tuesday night. Gusty westerly to southwesterly winds continue on Wednesday.
- ✓ **Marine:** Storm Watch in effect for all marine zones. Dangerous seas building 15-20 feet Tuesday night lingering into Wednesday.
- ✓ **Minor to Moderate Coastal Flooding** Tuesday night into Wednesday. Coastal Flood Watch for Tidal Delaware River, Upper Delaware Bay, Chesapeake Bay areas.

Contact and Next Briefing Information



Next Briefing by
9 AM Monday
January 8th



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



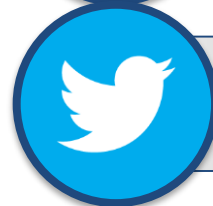
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