

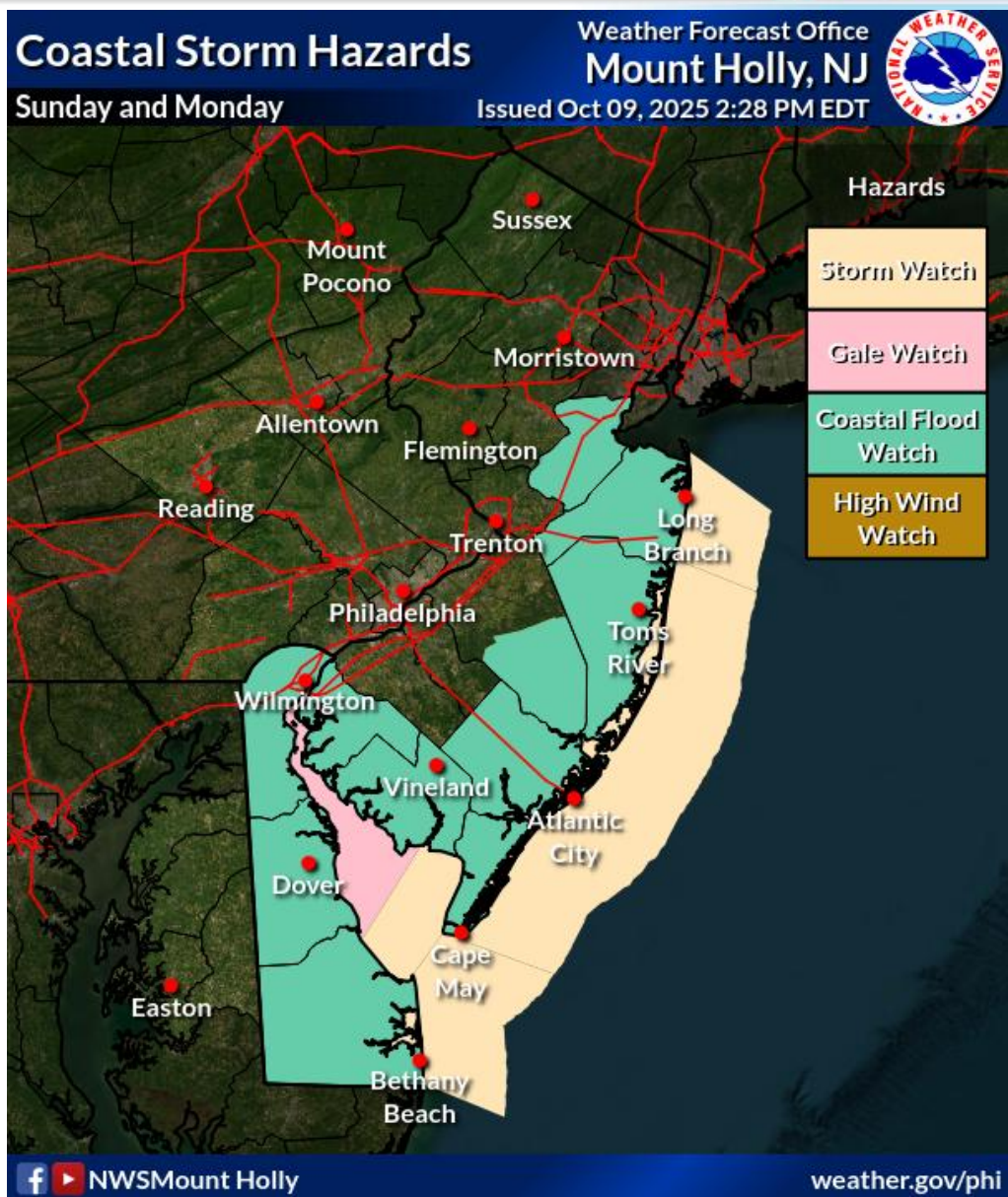
# Significant Coastal Storm

## October 12-13, 2025

**Decision Support Briefing # 3**  
**As of: 4:30 PM October 9, 2025**

### ***What Has Changed?***

- ✓ *Coastal Flood Watch extended to include Monmouth and Middlesex Counties*
- ✓ *High Wind Watch issued for coastal New Jersey and coastal Delaware*





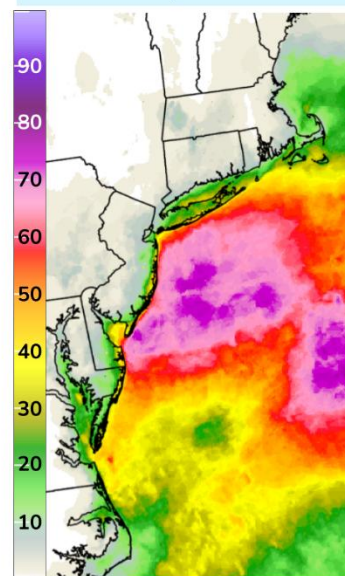
## Key Messages for Strong Coastal Low

Issued: Thursday, October 9, 2025  
2:15 PM EDT

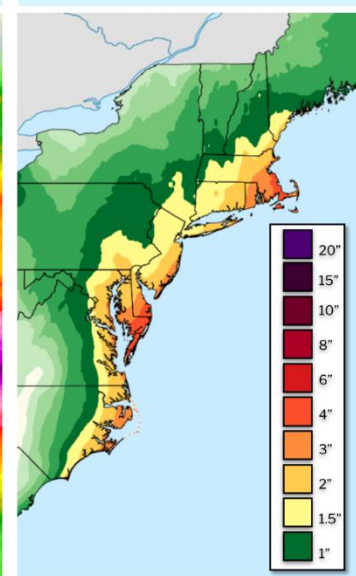
Coastal flooding, gusty winds, and heavy rain are expected along the U.S. East Coast

- Strong Coastal Low Will Develop Late This Week**  
 A coastal low is expected to develop off of the Southeast U.S. Coast on Friday night and strengthen into this weekend, bringing significant impacts to much of the U.S. East Coast through early next week.
- Potential for Significant Coastal Flooding**  
 The combination of persistent, strong onshore winds, high surf, and high astronomical tides may lead to significant coastal flooding impacts in some East Coast communities. Coastal residents are urged to heed their local National Weather Service forecasts and warnings and always follow guidance from local officials.
- Strong Rip Currents & Beach Erosion from High Surf**  
 High surf is expected on many East Coast beaches, which will generate strong rip currents and potentially lead to some beach erosion.
- Potentially Damaging Wind Gusts and Heavy Rain**  
 There is an increasing threat of wind gusts in excess of 55 MPH and periods of heavy rain in coastal areas of the Mid Atlantic and Long Island with the potential for scattered power outages and damage. The heavy rain may also extend into southern New England. Heavy rain may cause additional inland flooding.

### Chance of 55 MPH Wind Gusts on Sunday, Oct 12



### Most Likely Storm Total Rainfall



Visit Eastern Region Coastal Flood Display for more info  
[weather.gov/erh/coastalflood](https://weather.gov/erh/coastalflood)



National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

For more information go to:





[www.wpc.ncep.noaa.gov](https://www.wpc.ncep.noaa.gov) and [www.weather.gov](https://www.weather.gov)

Weather Prediction Center  
College Park, Maryland





## Main Points

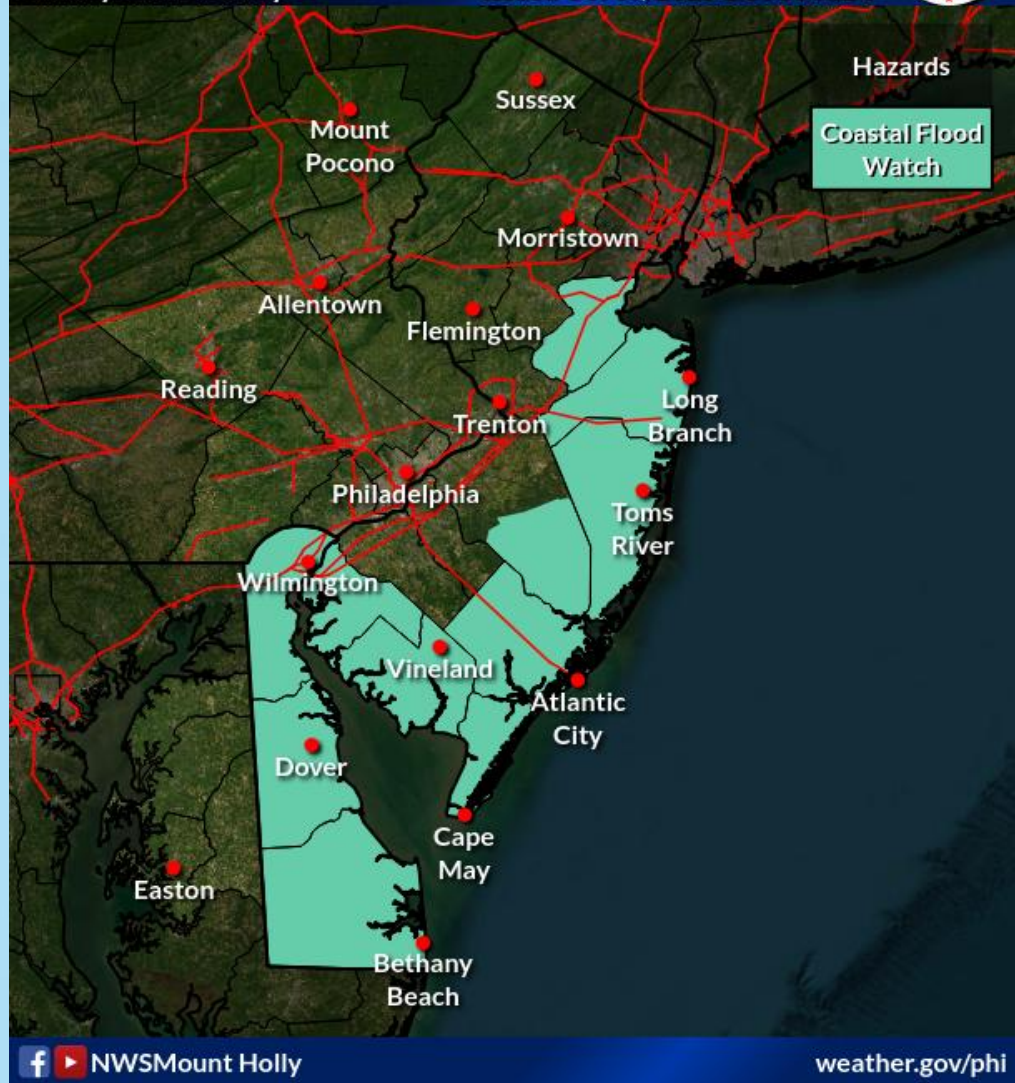
| Hazard   | Impacts  | Location   | Timing                                      |
|--|--|--|---|
| <b>Coastal Flooding</b>       | <p>Moderate to major tidal flooding possible. Potential for widespread significant coastal flooding and beach erosion. Damage to some structures along the coast possible.</p> | <p>Coastal areas of New Jersey and Delaware, including Delaware Bay.</p>     | <p>High tides Sunday through Monday.</p>    |
| <b>Marine</b>                 | <p>Northeast gale and storm force winds (gusts near 45-55 knots). Wave heights on the ocean near 15-20 feet. Very dangerous conditions possible.</p>                           | <p>Atlantic coastal waters of New Jersey and Delaware, and Delaware Bay.</p> | <p>Saturday night through Monday night.</p> |
| <b>Wind</b>                  | <p>Strong to damaging winds possible. Northeast wind gusts near 60 mph possible along the New Jersey and Delaware coasts. Wind gusts 30-50 mph possible inland.</p>            | <p>Coastal counties of New Jersey and Delaware.</p>                          | <p>Sunday through Monday.</p>               |
| <b>Heavy Rain/Flooding</b>  | <p>Rainfall amounts may be excessive enough to result in areas of flooding, especially in urban areas.</p>   | <p>Especially along and south/east of the I-95 corridor.</p>                 | <p>Sunday through Monday.</p>               |

## Coastal Flooding Potential

Sunday and Monday

Weather Forecast Office  
Mount Holly, NJ

Issued Oct 09, 2025 1:30 PM EDT

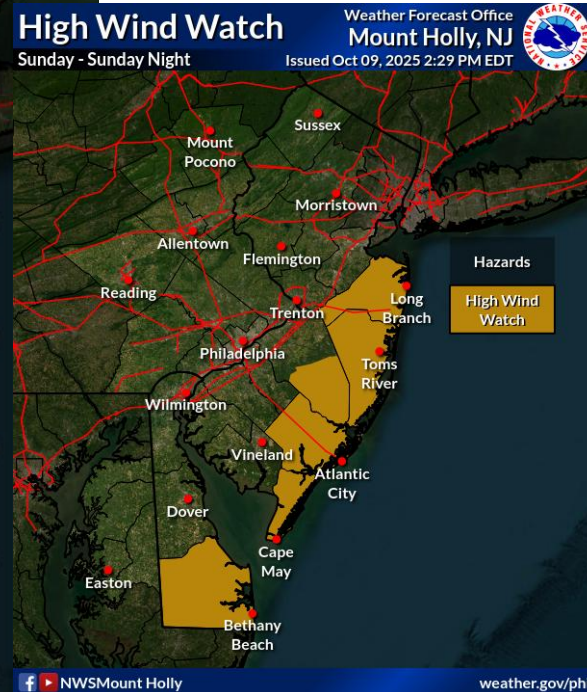
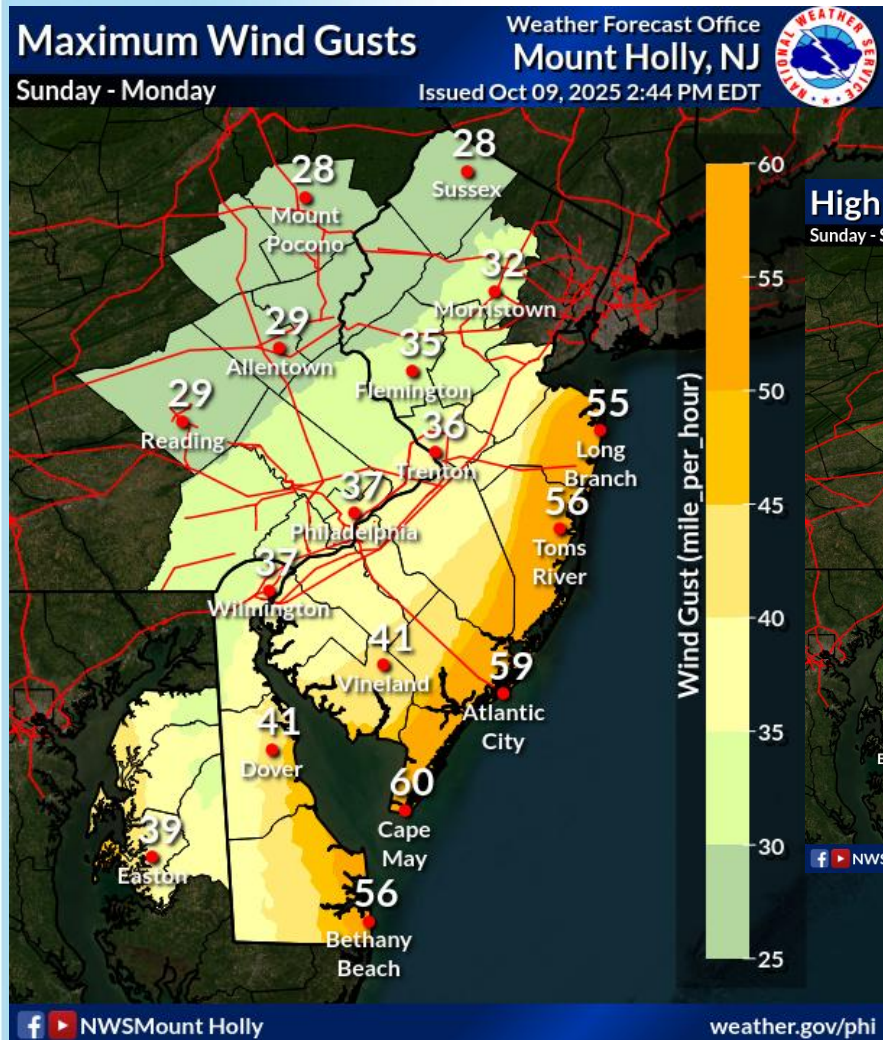


# Coastal Flooding Potential

- ✓ Moderate to Major coastal flooding possible Sunday through Monday.
- ✓ Coastal Flood Watch was extended to Monmouth and Middlesex Counties in NJ.
- ✓ *The actual magnitude of the coastal flooding will depend on the track/intensity of the storm, along with how strong the onshore winds become.*
- ✓ This time frame is beyond our current tides forecast, however preliminary guidance suggests this could be a significant to severe event.

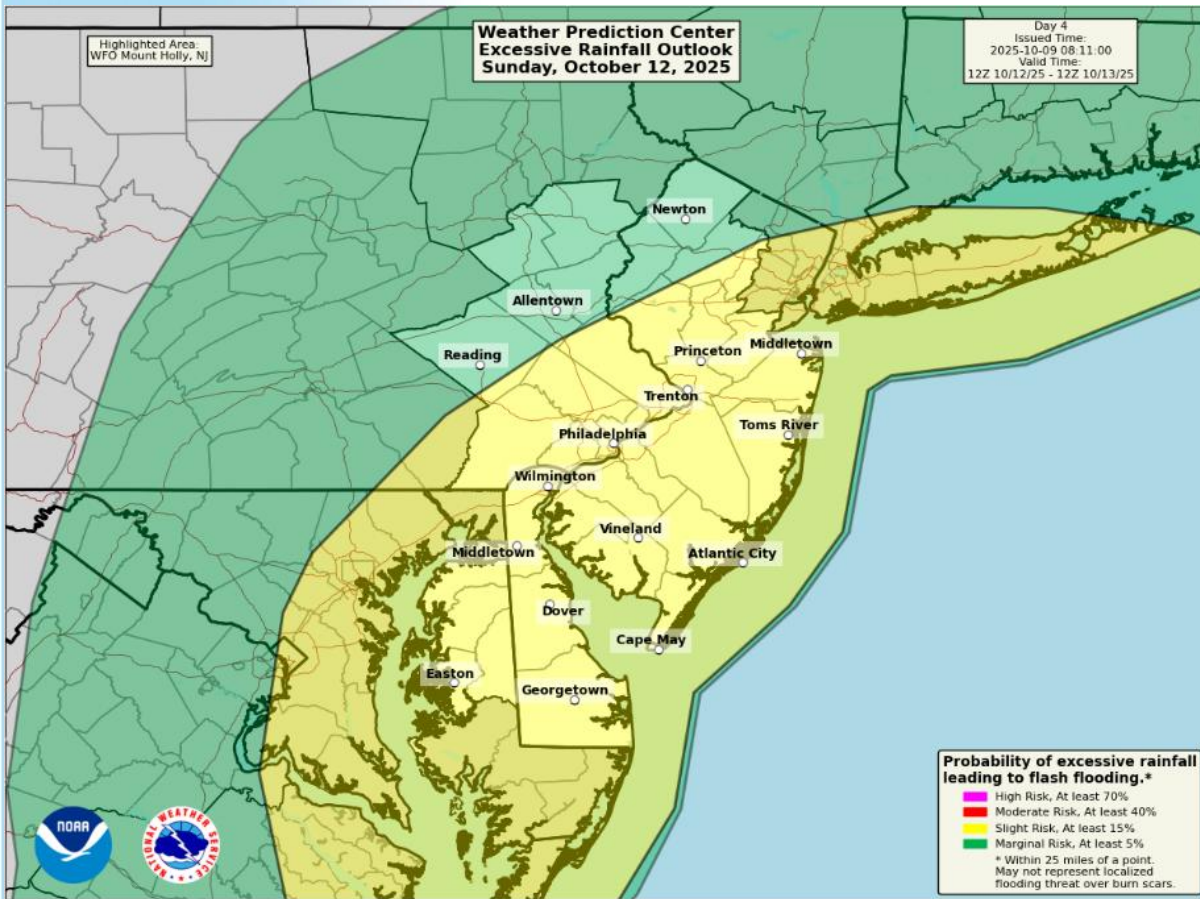


# Strong Winds Possible



- ✓ Wind gusts of 50-60 mph along the coast possible.
- ✓ Wind gusts of 30-50 mph inland possible.
- ✓ High Wind Watch issued for coastal counties of NJ and DE
- ✓ Actual magnitude of the winds will depend on the storm track and intensity.

# Heavy Rain/Flooding Possible Sunday and Monday



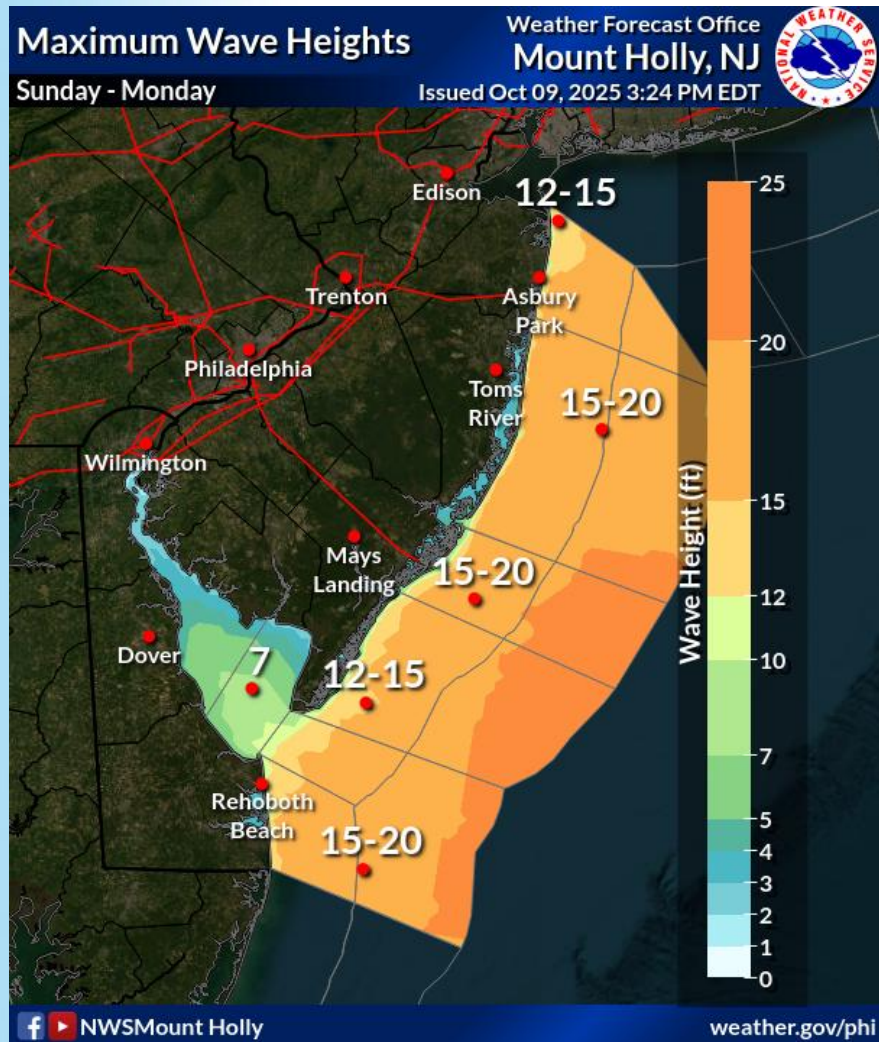
- ✓ Widespread 1-3+ inches of rain forecast for our entire area.
- ✓ Locally higher amounts of 3-5 inches of rain are possible.
- ✓ Forecasted rainfall will fall over a 36 to 48 hour period, therefore flooding due to heavy rain alone will be limited to poor drainage and urban areas.
- ✓ Coastal areas could see a compounded impact with heavy rain on top of moderate to major tidal flooding.

For the latest Excessive Rainfall Outlook map, visit

[https://www.wpc.ncep.noaa.gov/qpf/excessive\\_rainfall\\_outlook\\_ero.php](https://www.wpc.ncep.noaa.gov/qpf/excessive_rainfall_outlook_ero.php)



# Hazardous Marine & Beach Conditions



- ✓ **Gale-force and Storm-force winds possible over all marine zones Sunday and Monday with wind gusts of 45-55 knots possible.**
- ✓ **Dangerous seas of 15-20 feet possible across the ocean zones. Extremely rough waters expected within the Delaware Bay.**
- ✓ **Hazardous surf likely with significant beach erosion possible.**

## **Event Summary**

- ✓ **Significant impacts from a strong coastal storm appear increasingly likely for our area Sunday and Monday.** The severity of impacts to our area will depend on the exact track/intensity of the storm, which remains uncertain. The greatest impacts are most likely for marine and coastal areas, which includes significant coastal flooding, strong to damaging winds, significant waves, and beach erosion.
- ✓ **Moderate to major coastal flooding possible** along the NJ and DE coasts, and Delaware Bay with the high tides Sunday through Monday.
- ✓ **Strong to damaging winds possible** along the NJ and DE coasts and even somewhat inland.
- ✓ **Storm force winds and seas up to 20 feet possible** on the ocean, which would result in very dangerous conditions.
- ✓ Areas of heavy rain could result in **some flooding**.



# Contact and Next Briefing Information



## Next Briefing

*When: By 7 AM,  
October 10, 2025*

## Briefing Webpage:

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



### Web:

[www.weather.gov/phi](http://www.weather.gov/phi)



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