

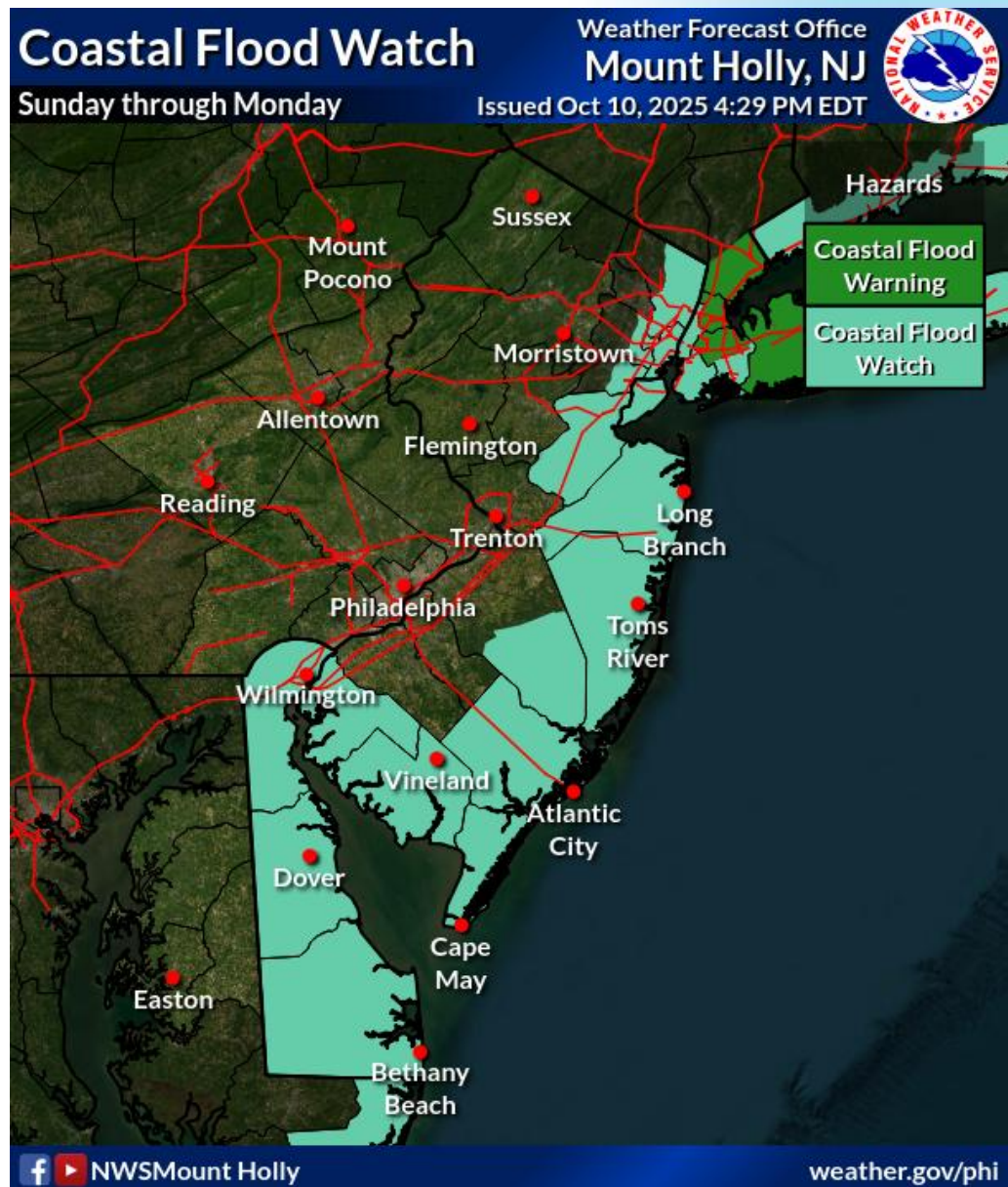
Significant Coastal Storm

October 12-13, 2025

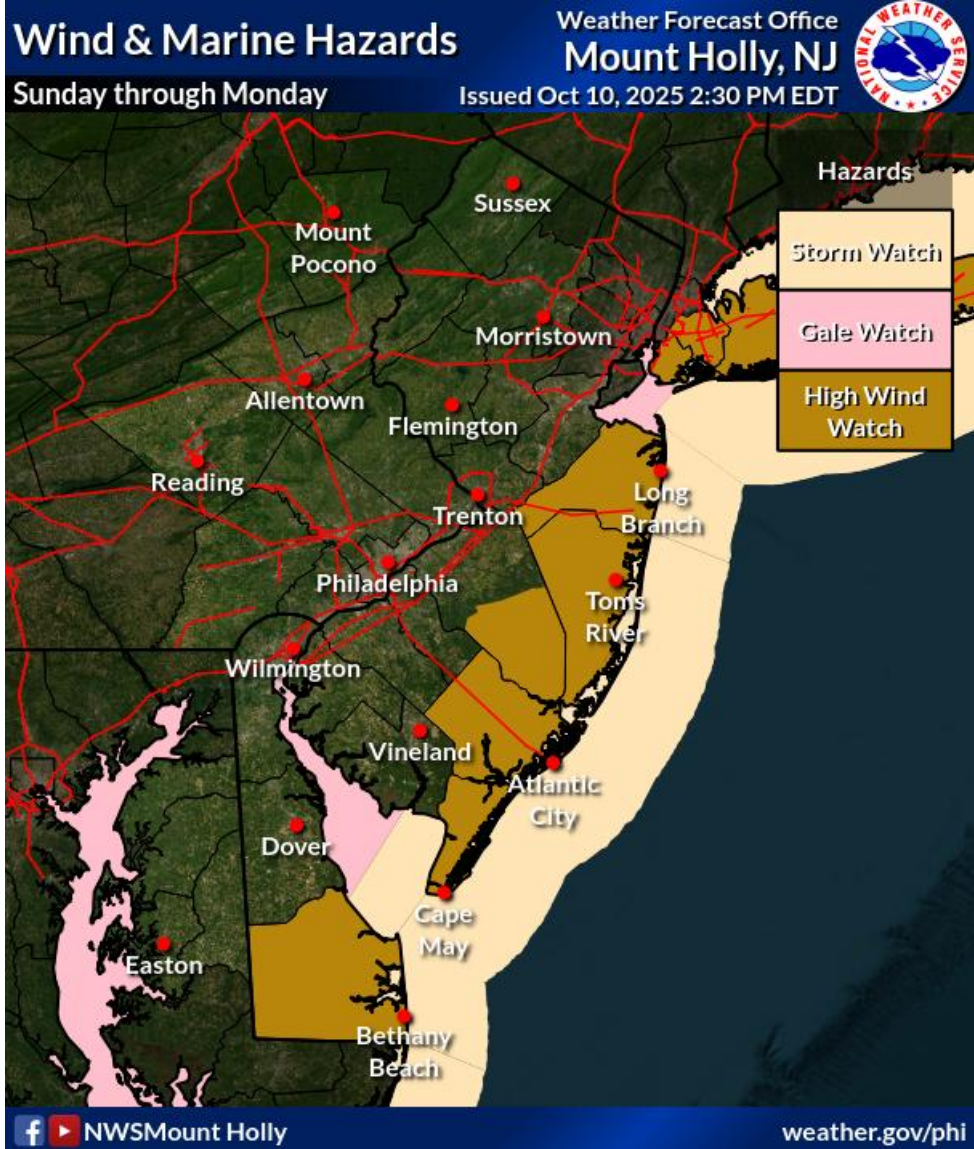
Decision Support Briefing # 5
As of: 4:30 PM October 10, 2025

What Has Changed?

- ✓ *No significant changes to the forecast regarding potential severity of impacts.*
- ✓ **Increasing confidence in significant impacts** from major coastal flooding, substantial beach erosion, and high winds for coastal areas of New Jersey and Delaware.



Additional Hazards in Effect





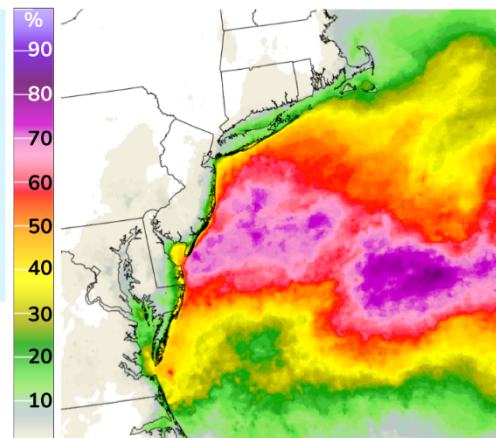
Key Messages for Strong Coastal Low

Issued: Friday, October 10, 2025
3:40 PM EDT

Significant coastal impacts expected along portions of the U.S. East Coast

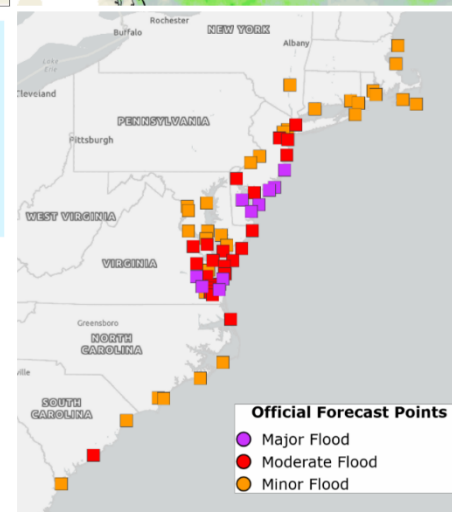
- Strong Coastal Low Will Develop This Weekend**
 The low will develop off of the Southeast U.S. Coast early Saturday and strengthen through this weekend, bringing significant coastal impacts to the East Coast.
- Major Coastal Flooding Likely in the Mid-Atlantic**
 The combination of strong onshore winds, high surf, and high astronomical tides will likely lead to major coastal flooding in the Mid-Atlantic, especially along the coasts of Delaware, southern New Jersey, and the Virginia Tidewater. This would flood roadways, and could affect some homes and businesses near the waterfront. Coastal residents are urged to heed warnings and 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, dangerous rip currents and likely lead to areas of beach erosion.
- Damaging Wind Gusts and Heavy Rain**
 Wind gusts in excess of 55 MPH along and near the Mid-Atlantic and southern New England coastlines may lead to scattered power outages and damage. Heavy rain in the Mid-Atlantic may lead to isolated to scattered instances of flash flooding.

**Chance of
55+ MPH
Wind
Gusts on
Sunday,
Oct 12**



**Forecast
Flood Stage
for Coastal
Locations**

Based on forecasts as of 3 PM EDT Friday, October 10th. Check water.noaa.gov for the latest information







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

For more information go to:
www.wpc.ncep.noaa.gov and www.weather.gov

Weather Prediction Center
College Park, Maryland



Main Points for Coastal Storm Impacts

Hazard	Impacts	Location	Timing
Coastal Flooding 	<u>Moderate to major tidal flooding increasingly likely.</u> Potential for widespread roadway flooding, substantial beach erosion, and dune breaching. <u>Significant damage to some structures along the coast possible.</u>	Coastal areas of New Jersey and Delaware, including Delaware Bay.	High tides Sunday through Monday.
Marine 	Northeast gale and storm force winds (gusts near 45-55 knots). Wave heights on the ocean near 15-20 feet. <u>Very dangerous conditions likely.</u>	Atlantic coastal waters of New Jersey and Delaware, and Delaware Bay.	Saturday night through Monday night.
High Winds 	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. Power outages and tree damage possible.	Coastal counties of New Jersey and Delaware.	Sunday through Monday.
Heavy Rain/ Flooding 	Widespread rainfall amounts of 1 to 3 inches. Rainfall amounts may be excessive enough to result in areas of flooding, especially in urban areas.	Along and south/east of the I-95 corridor. Greatest rainfall amounts near the coast.	Saturday night through Monday.

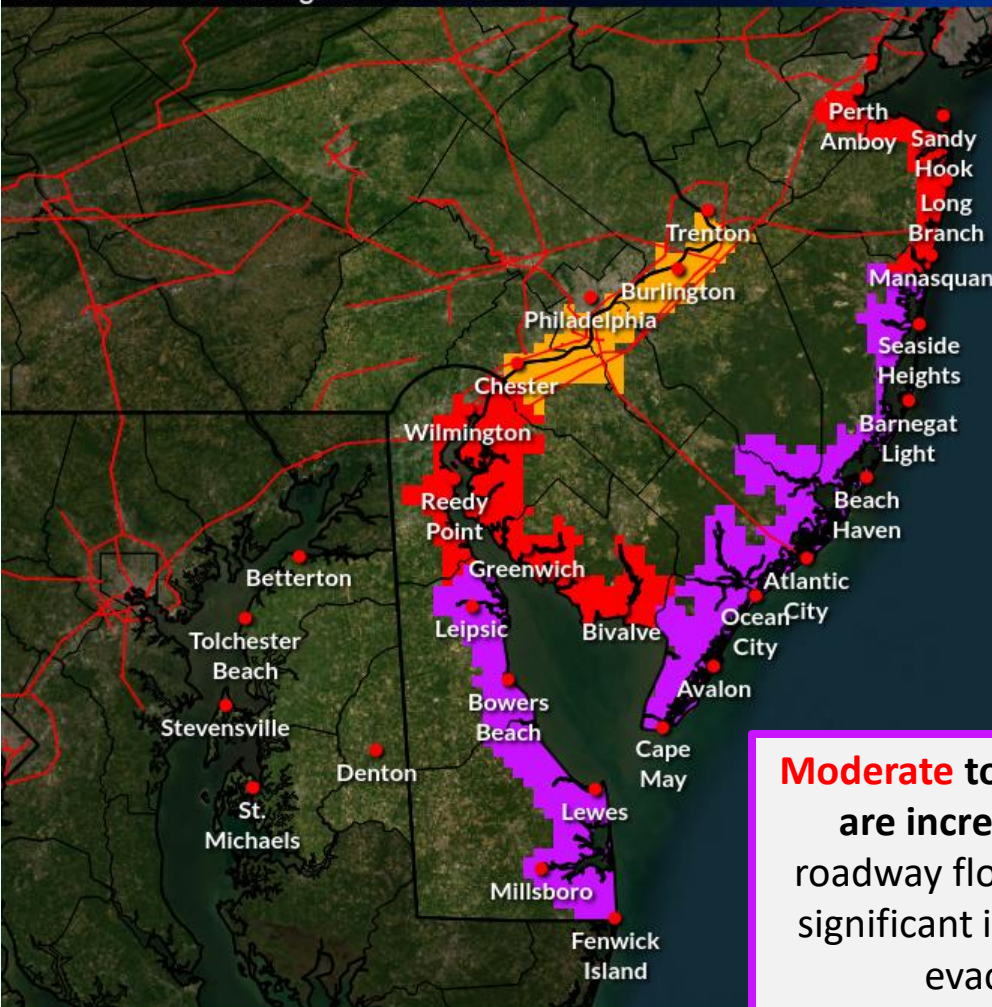
Coastal Flood Threat

Coastal Flood Threat

Valid Fri 12:00AM through Tue 3:00AM EDT

Weather Forecast Office
Mount Holly, NJ

Issued Oct 10, 2025 2:59 PM EDT



Coastal Flood Watch
in effect for all
Atlantic coastal NJ
and DE, and DE Bay
from Sunday
through Monday.

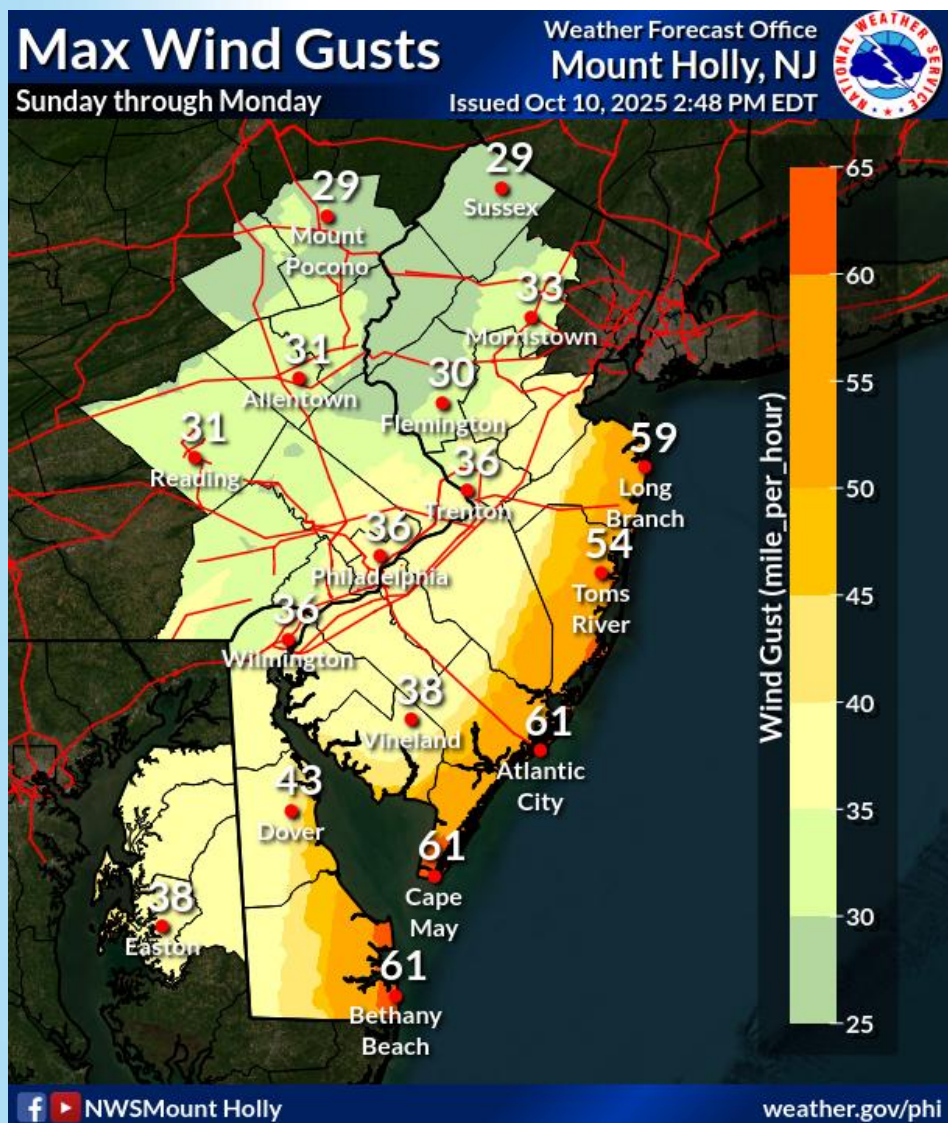
Moderate to Major coastal flood impacts
are increasingly likely. Widespread
roadway flooding and impassable roads,
significant inundation of structures, and
evacuations are possible.

Coastal residents are urged to heed any warnings and follow guidance from local officials.

The magnitude and severity of the coastal flooding will depend on the track and intensity of the storm, along with how strong the onshore winds become.

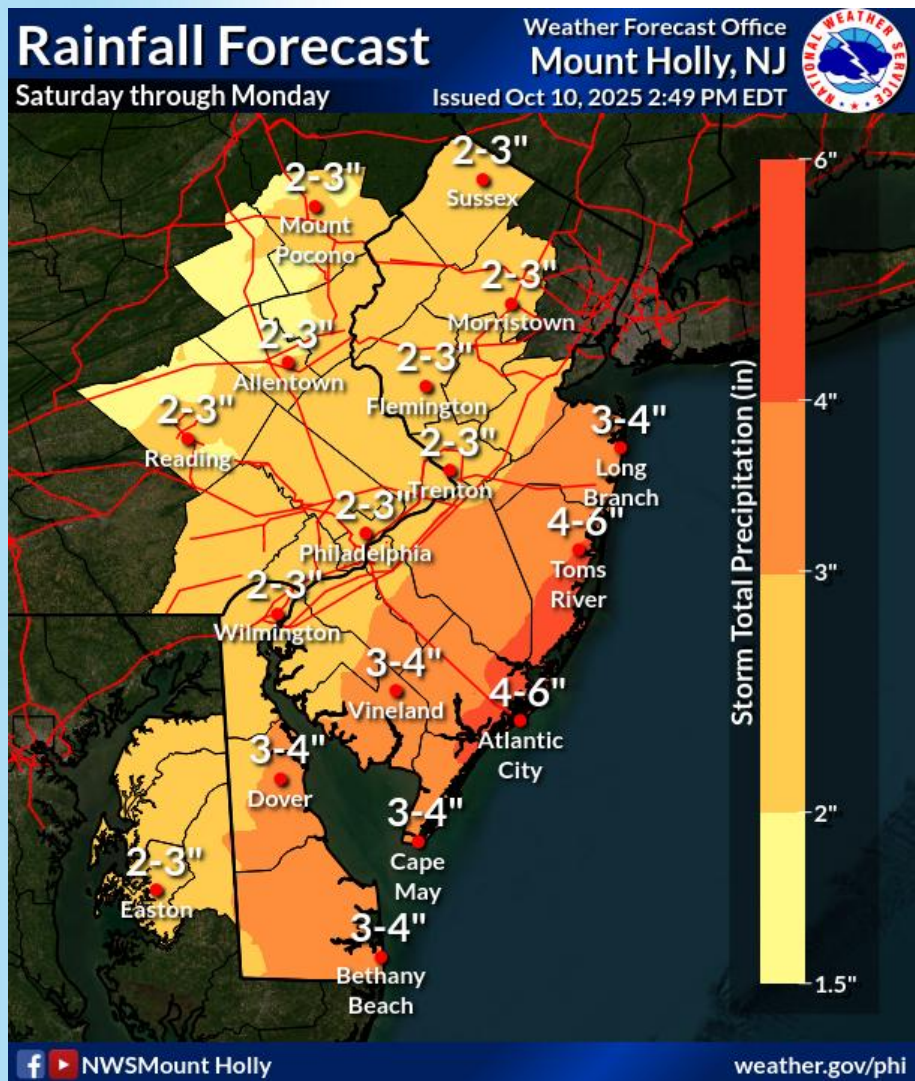
For specific details, visit the [Coastal Flood Threat Display](#).

Strong to Damaging Winds Possible



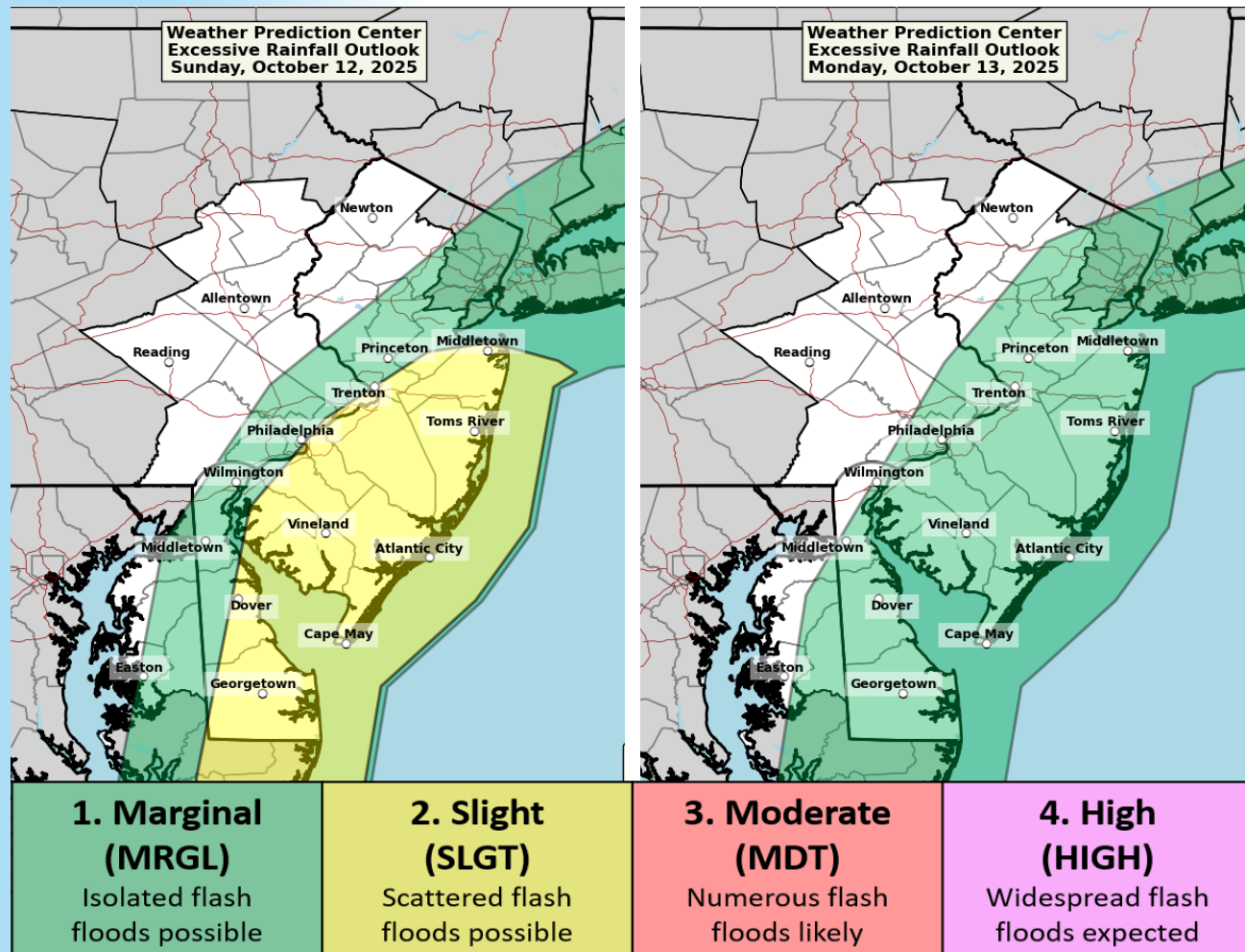
- ✓ Wind gusts of 50-60 mph along the coast possible.
- ✓ Wind gusts of 30-50 mph inland possible.
- ✓ High Wind Watch in effect for coastal counties of NJ and DE
- ✓ Actual magnitude of the winds will depend on the storm track and intensity.
- ✓ Power outages and downed trees are possible, especially near the coast.

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, especially near the coast.
- ✓ Coastal areas could see a compounded impact with heavy rain on top of moderate to major tidal flooding, especially during the high tide cycle.

Heavy Rain/Flooding Possible Sunday and Monday

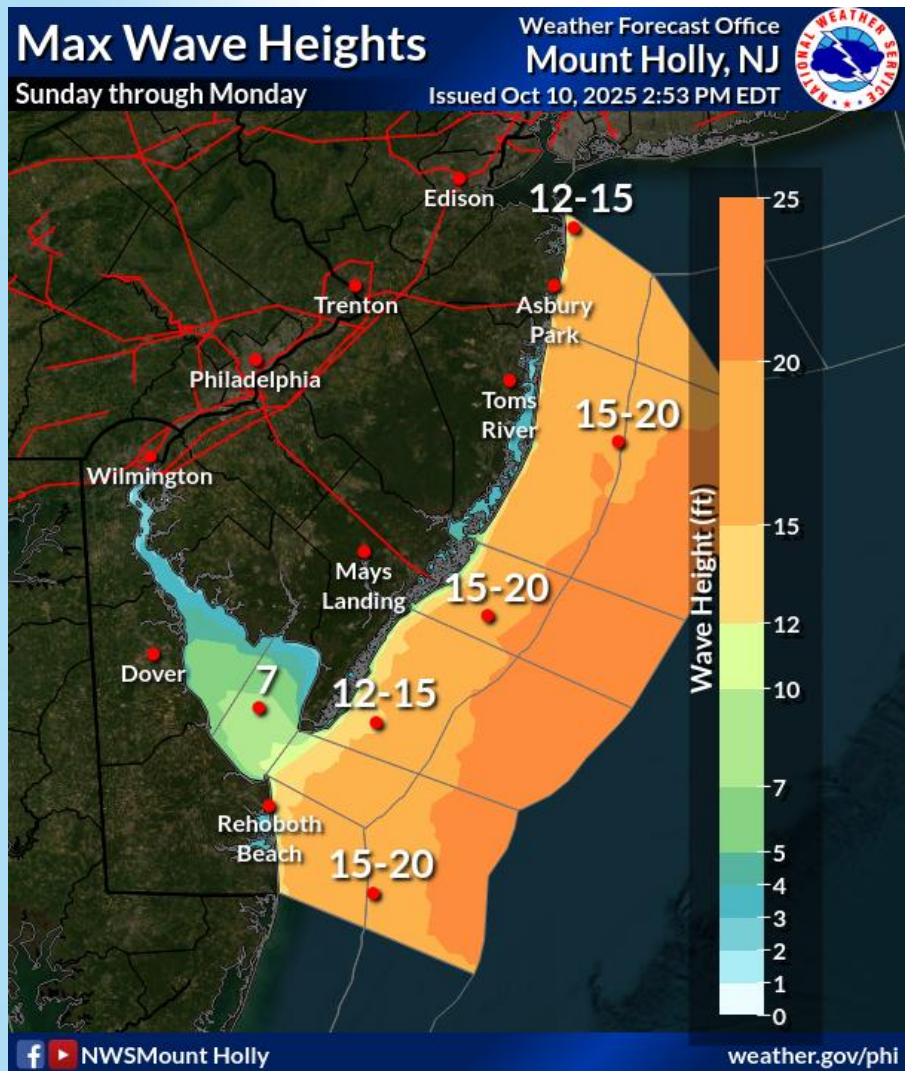


- ✓ Forecasted rainfall will fall over a 36 to 48 hour period, therefore flooding due to heavy rain alone will be limited to poor drainage and urban areas.
- ✓ Rainfall will persist into Monday night.

For the latest Excessive Rainfall Outlook map, visit

https://www.wpc.ncep.noaa.gov/qpf/excessive_rainfall_outlook_ero.php

Dangerous Marine & Beach Conditions



- ✓ Dangerous seas of 15-20 feet possible across the ocean zones. Extremely rough waters expected within the Delaware Bay.
- ✓ *****Substantial beach erosion and dune breaching likely.***** Very dangerous surf conditions likely.
- ✓ Gale-force and Storm-force winds possible across all marine zones Sunday and Monday, Wind gusts of 45-55 knots possible.

Event Summary

- ✓ **Widespread significant impacts from a strong coastal storm are 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. The greatest impacts are most likely for marine and coastal areas, which includes significant coastal flooding, substantial beach erosion & dune breaching, strong to damaging winds, and significant waves
- ✓ **Moderate to major coastal flooding increasingly likely** along the NJ and DE coasts, and Delaware Bay with the high tides Sunday through Monday. Widespread roadway flooding, impassable roads, and inundation of structures are increasingly likely. Evacuations remain possible. **Coastal residents are urged to heed any warnings and follow guidance from local officials.**
- ✓ **Strong to damaging winds possible** along the NJ and DE coasts and even somewhat inland. Power outages and tree damage possible.
- ✓ **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** of urban and poor drainage areas and low lying areas near the coast.

Contact and Next Briefing Information



Next Briefing

*When: By 7 AM,
October 11, 2025*

Briefing Webpage:

www.weather.gov/media/phi/current_briefing.pdf



Web:

www.weather.gov/phi



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