

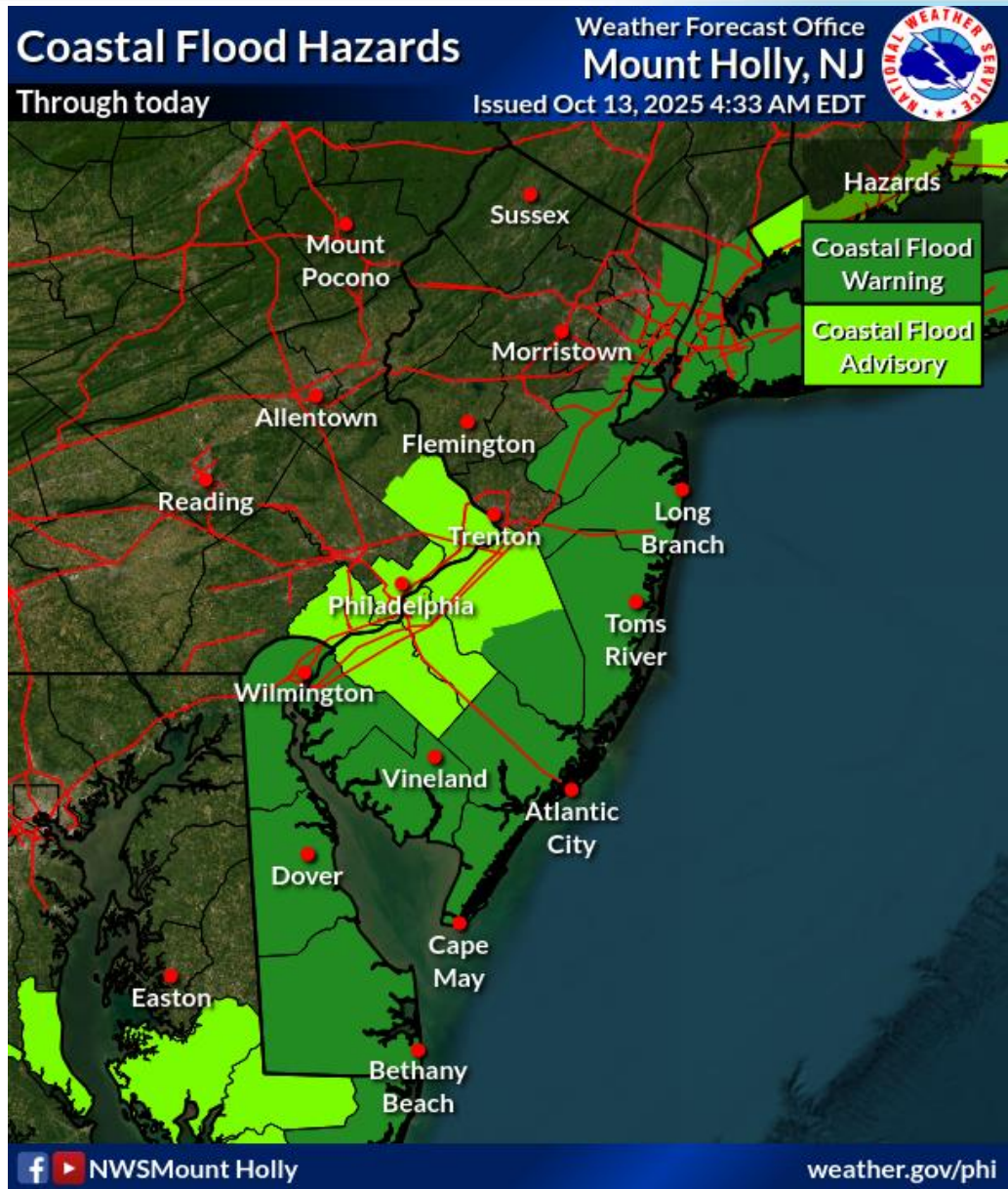
Significant Coastal Storm

October 12-13, 2025

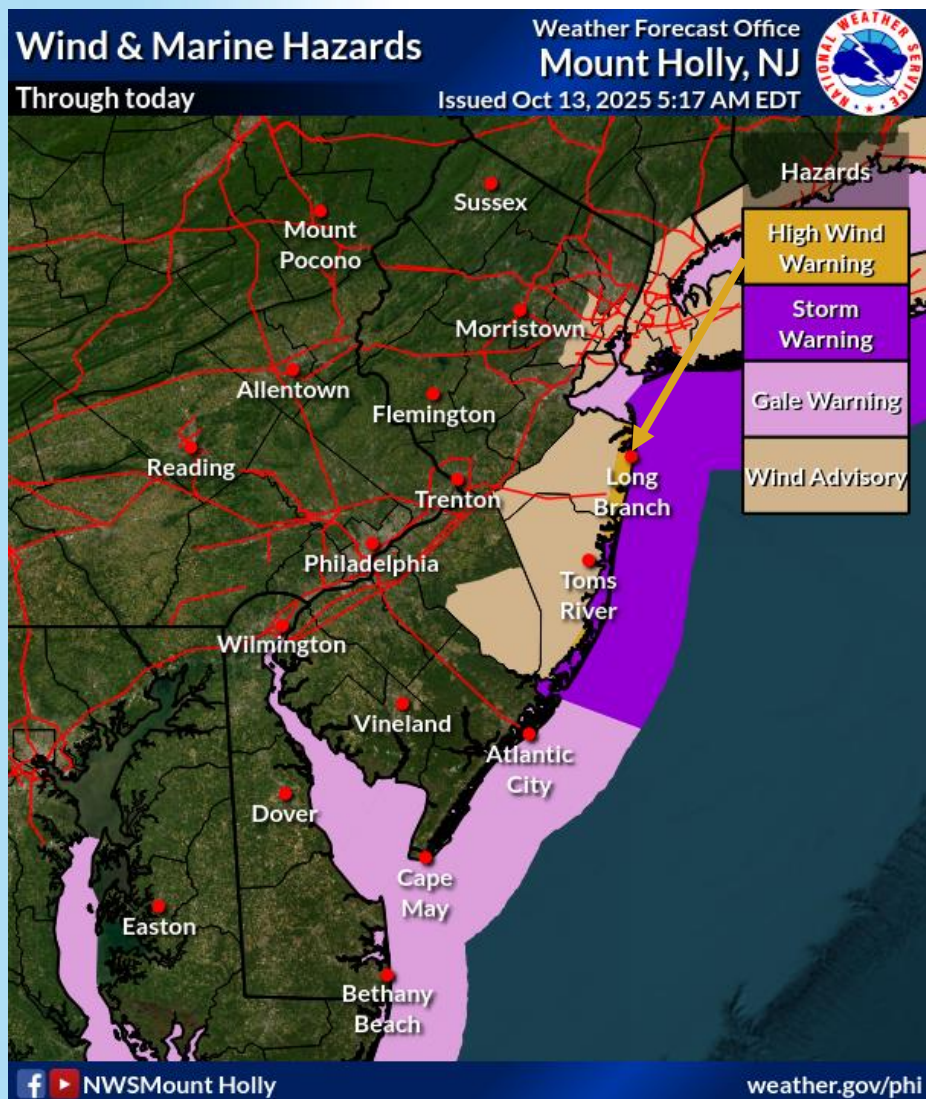
Decision Support Briefing #10
As of 5:30 AM October 13, 2025

What Has Changed?

- ✓ *Impacts from moderate coastal flooding and substantial beach erosion ongoing.*
- ✓ ***Confidence remains high in additional rounds of significant impacts*** from moderate to major coastal flooding through this afternoon.



Additional Hazards in Effect



- ✓ **High Wind Warning** remains in effect for coastal Ocean and Monmouth Counties until 8 AM today.
- ✓ **Wind Advisory** in effect for immediate inland counties adjacent to the High Wind Warning until 8 AM today.



Key Messages for Strong Coastal Low

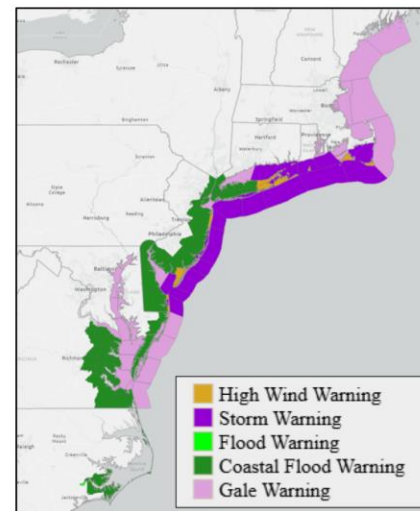
Issued: Monday, October 13, 2025
3:25 AM EDT

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

- Major Coastal Flooding Likely in the Mid-Atlantic**
 The combination of strong onshore winds, high surf, and high astronomical tides will likely continue major coastal flooding in the Mid-Atlantic, especially along the shores from Virginia to New Jersey today. Coastal flooding is forecast to peak this afternoon and gradually improve tonight into Tuesday morning.
- Widespread Significant Coastal Impacts Continue**
 Coastal flood impacts include numerous flooded roadways and inundated structures near the waterfront. Residents are urged to heed any evacuation warnings and follow guidance from local officials. Numerous flooded and closed roadways have been reported along the Mid-Atlantic coast since yesterday.
- Strong Rip Currents & Beach Erosion from High Surf**
 High surf will continue on many East Coast beaches, which will generate strong, dangerous rip currents and likely lead to additional areas of beach erosion.
- Damaging Wind Gusts**
 Wind gusts in excess of 55 MPH remain possible along the immediate New Jersey, Long Island and Southern New England coastlines through early this afternoon and may lead to isolated power outages and damage.

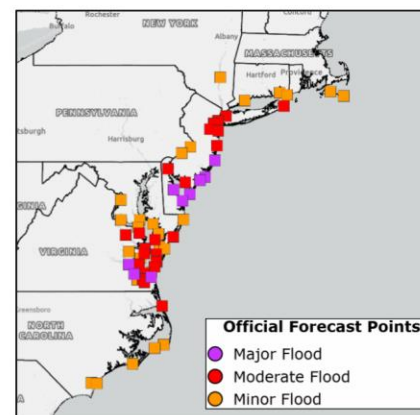
Current Warnings

Valid at 3 AM EDT
Monday, October 13th. Check [weather.gov](https://www.weather.gov) for the latest information



Forecast Flood Stage for Coastal Locations

Based on forecasts as of 3 AM EDT
Monday, October 13th. Check [water.noaa.gov](https://www.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

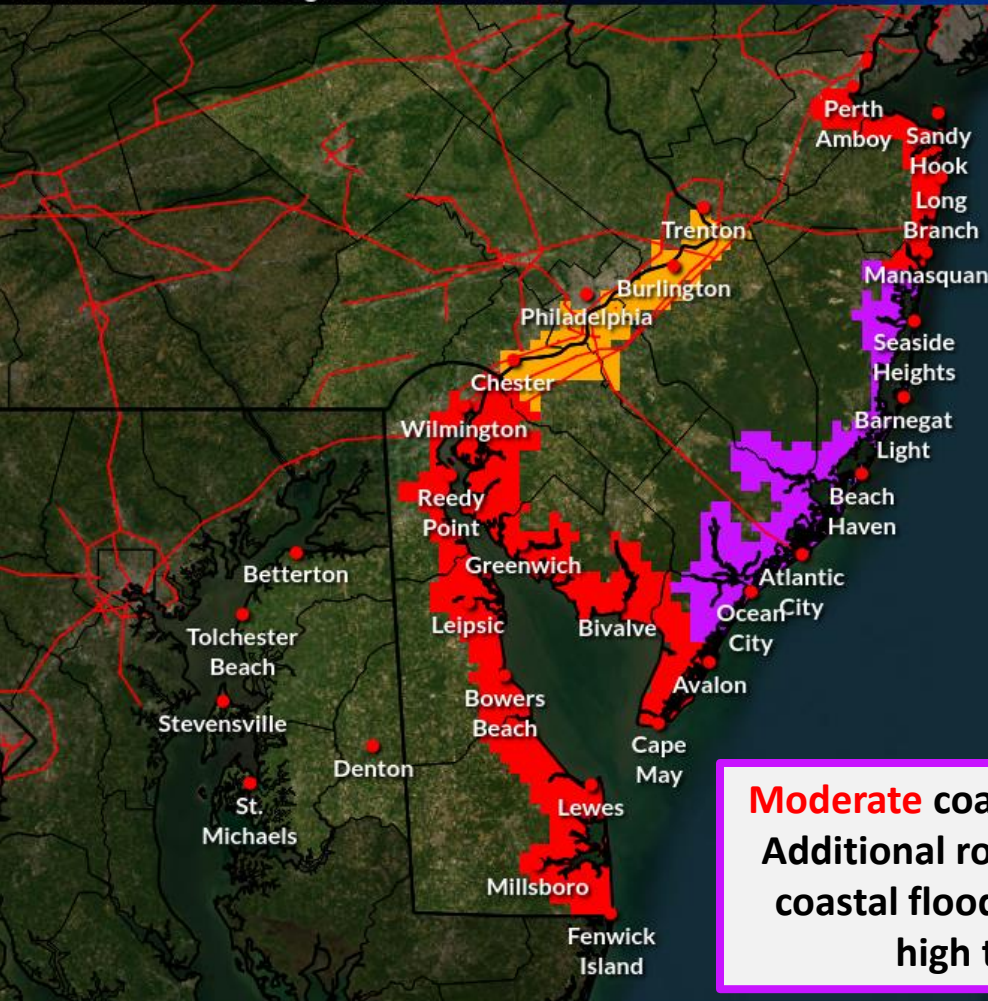
Hazard	Impacts	Location	Timing
Coastal Flooding 	<p><u>Moderate tidal flooding ongoing</u> causing widespread roadway flooding and substantial beach erosion. Damage to coastal structures possible. <u>Additional rounds of moderate to major tidal flooding through today.</u></p>	<p>Coastal areas of New Jersey and Delaware, including Delaware Bay.</p>	<p>High tides through today with the greatest impacts expected during the afternoon/evening high tide.</p>
Marine 	<p>Northeast gale force winds (gusts near 35-40 knots) ongoing. Wave heights on the ocean near 12-18 feet. <u>Very dangerous conditions ongoing.</u></p>	<p>Atlantic coastal waters of New Jersey and Delaware, and Delaware Bay.</p>	<p>Through tonight.</p>
Strong Winds 	<p>Strong winds diminishing through the day. Northeast wind gusts 30-40 mph possible at times. Power outages and tree damage possible early.</p>	<p>Coastal counties of New Jersey and Delaware.</p>	<p>Through today.</p>
Heavy Rain/ Flooding 	<p>Additional amounts of 1 to 2 inches near the northern NJ coast. Rainfall may be excessive enough to result in some isolated minor flooding of urban or low lying areas.</p>	<p>Monmouth and Ocean Counties.</p>	<p>Through tonight.</p>

Coastal Flood Threat

Coastal Flood Threat

Valid Mon 5:00AM through Mon 11:00PM EDT

Weather Forecast Office
Mount Holly, NJ
Issued Oct 13, 2025 4:58 AM EDT



Coastal Flood Hazards in effect for all Atlantic coastal NJ and DE, and DE Bay, & tidal Delaware River through this evening.



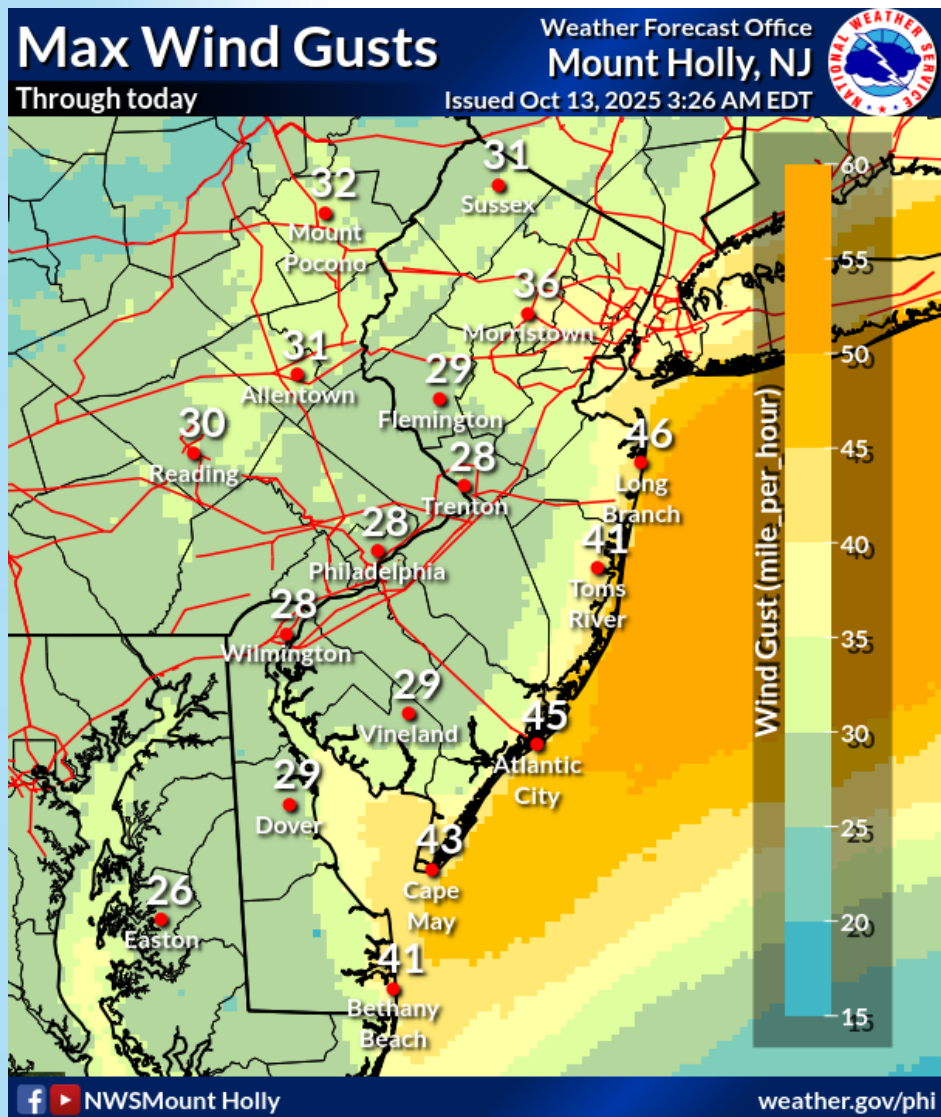
Moderate coastal flood impacts ongoing. Additional round of **Moderate** to **Major** coastal flood impacts likely during the high tide this afternoon.

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

Widespread roadway flooding and closed roads, damage to structures, and evacuations are possible.

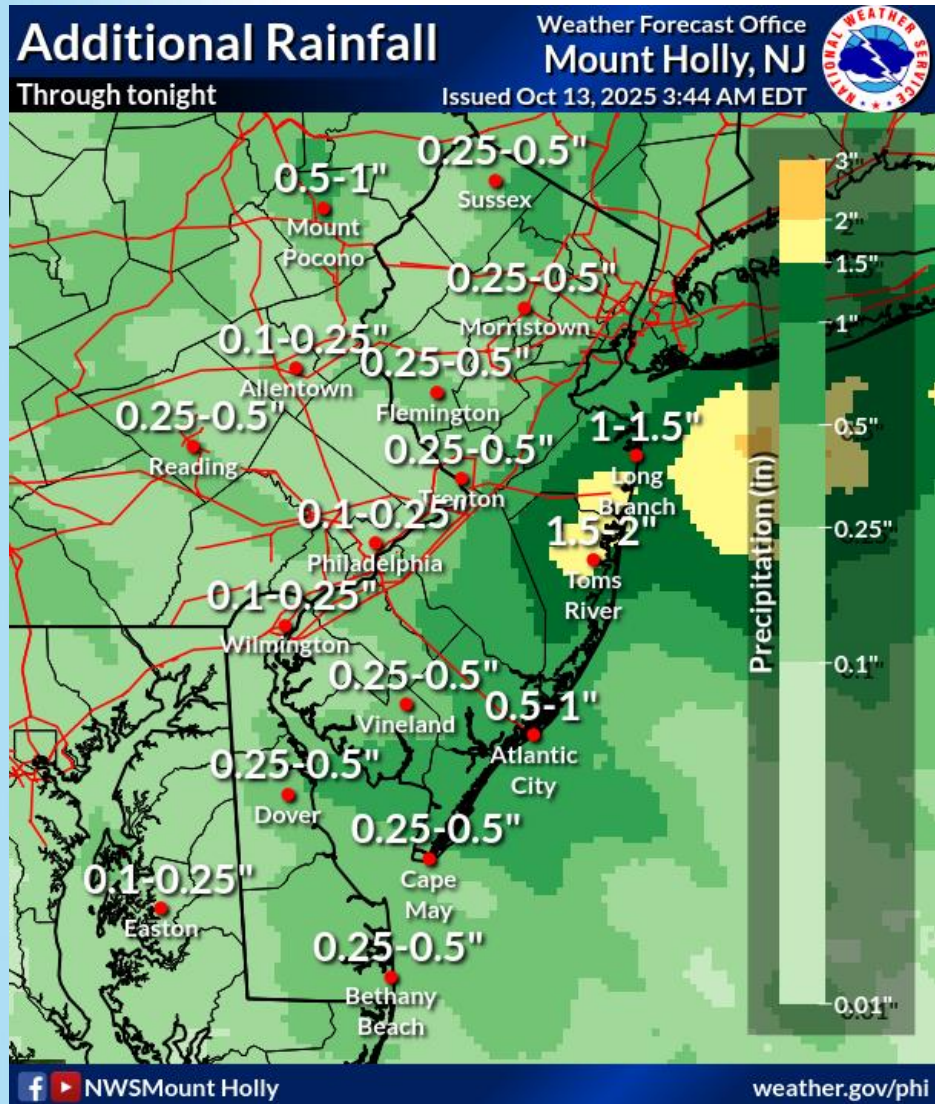
Flood waters may be slow to drain tonight. **NEVER** drive through flooded roads or around barricades!

Strong Winds



- ✓ Strong winds will diminish through the day, though breezy conditions will persist.
- ✓ Wind gusts of 30 mph at times inland, and near 40-50 mph through this morning near the coast.
- ✓ High Wind Warning in effect for the immediate coast of Monmouth and Ocean Counties until noon; Wind Advisory in effect for inland Monmouth and Ocean, and southeast Burlington Counties until noon.

Additional Rainfall Expected Through Today



- ✓ Additional 1-2 inches of rain in Monmouth and Ocean Counties.
- ✓ Generally a half inch or less inland.

Dangerous Marine & Beach Conditions



- ✓ Dangerous seas of 12-18 feet across the ocean zones and extremely rough waters within the Delaware Bay are ongoing.
- ✓ *****Substantial beach erosion and dune breaching likely.*****
- ✓ Very dangerous surf conditions will continue through today.
- ✓ Gale-force winds diminishing today, then additional gale force wind gusts possible tonight through Tuesday.

Event Summary

- ✓ **Significant impacts from a strong coastal storm are *ongoing* and will continue through today.** The greatest impacts continue for coastal communities and marine zones, which are seeing **significant coastal flooding, substantial beach erosion & dune breaching**, strong winds, and significant waves.
- ✓ **Moderate coastal flooding occurred Sunday afternoon and early this morning. Additional rounds of moderate to major coastal flooding remains very likely** along the NJ and DE coasts, and Delaware Bay with all high tides through today, especially during the high tide this afternoon/evening. Continued impacts include widespread roadway flooding, impassable roads, and inundation of structures. Evacuations remain possible. **Coastal residents are urged to heed any warnings and follow guidance from local officials.**
- ✓ **Strong winds** will diminish through the day. Gusts 40-50 mph possible along the coast this morning, and near 30 mph gusts inland.
- ✓ **Gale force winds and seas 12-18 feet** on the ocean, resulting in very dangerous conditions.
- ✓ Additional rainfall of 1-2 inches may result in **some flooding** of urban, poor drainage and low lying areas in Monmouth and Ocean Counties.

Contact and Next Briefing Information



This will be the final scheduled briefing update for this event, unless there are any significant forecast changes.

Briefing Webpage:

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



Web:

www.weather.gov/phi



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