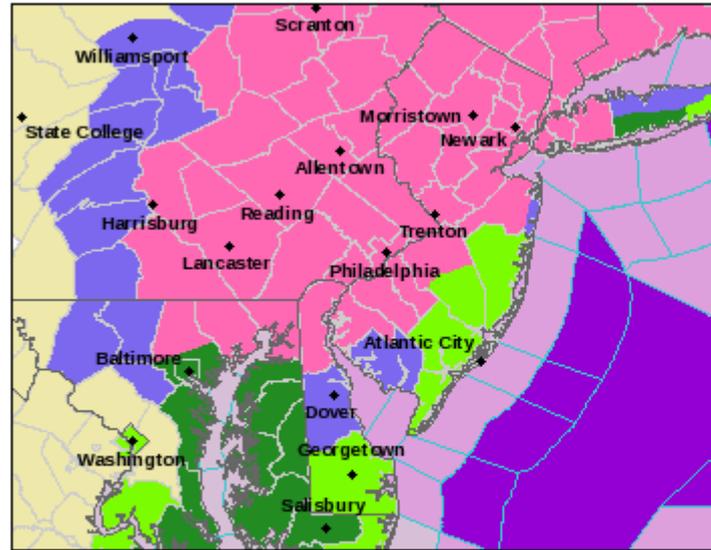


# Coastal Storm Tonight thru Wednesday Night

**Decision Support Briefing #5**  
**As of 7 AM**  
**Wednesday, March 7, 2018**



Last Map Update: Wed, Mar. 7, 2018 at 6:01:27 am EST

[Watches, Warnings & Advisories](#)

Zoom Out

<a href="#">Winter Storm Warning</a>	
<a href="#">Storm Warning</a>	
<a href="#">Coastal Flood Warning</a>	
<a href="#">Gale Warning</a>	
<a href="#">Winter Weather Advisory</a>	
<a href="#">Coastal Flood Advisory</a>	
<a href="#">Small Craft Advisory</a>	
<a href="#">Wind Advisory</a>	
<a href="#">Special Weather Statement</a>	
<a href="#">Hazardous Weather Outlook</a>	

## **What Has Changed?**

- ✓ *Winter Storm Warnings were expanded southeast to I-95 and Winter Weather Advisories to just southeast of there.*
- ✓ *Coastal Flood Advisories exist just about everywhere this morning, with a Coastal Flood Warning for the Chesapeake Bay.*
- ✓ *Travel is not recommended in the Winter Storm Warning area after 7 AM Today.*

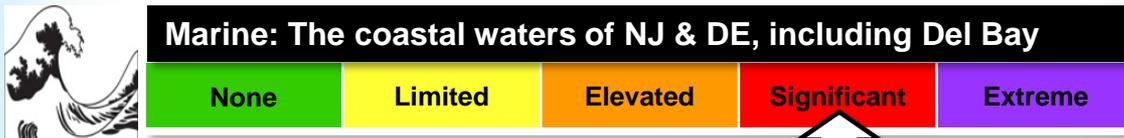
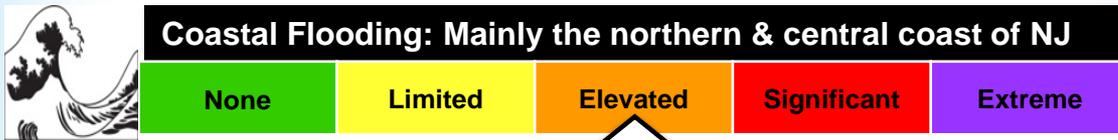


## Main Points

<u>Hazard</u>	<u>Impacts</u>	<u>Location</u>	<u>Timing</u>
<b>Snow</b>	Substantial snow accumulations are expected most of this area. Travel will be very difficult and hazardous with road closures possible in the hilly areas. Snowfall rates of 1 to 2 inches per hour late this morning through afternoon. Heavy wet snow will cling to trees and wires, leading once again to power outages and downed trees.	Eastern PA, and northern and central NJ including the Philadelphia metro area.	Today, especially 10 AM to 7 PM.
<b>Wind</b>	Northeast wind increasing to 20 mph this morning, then becoming northwest this afternoon. Gusts of 30 to 40 MPH are possible, except gusts up to 45 MPH along the coast. Downed trees and power outages are possible.	Eastern PA, NJ, DE and northeastern MD. The strongest winds should be near the coast.	Today and this evening.
<b>Coastal Flooding</b>	Widespread minor tidal flooding along the Atlantic coasts during midday, with a small chance of moderate flooding for Middlesex- Monmouth-Ocean counties. Low end moderate flooding along the Chesapeake Bay with this morning's high tide. Minor flooding along the tidal Delaware today.	All coastal waters.	Within an hour of the high tides today.
<b>Marine</b>	Gale force winds and rough seas. Near storm force gusts are possible.	The coastal waters of NJ and DE, including Delaware Bay.	Today and tonight.

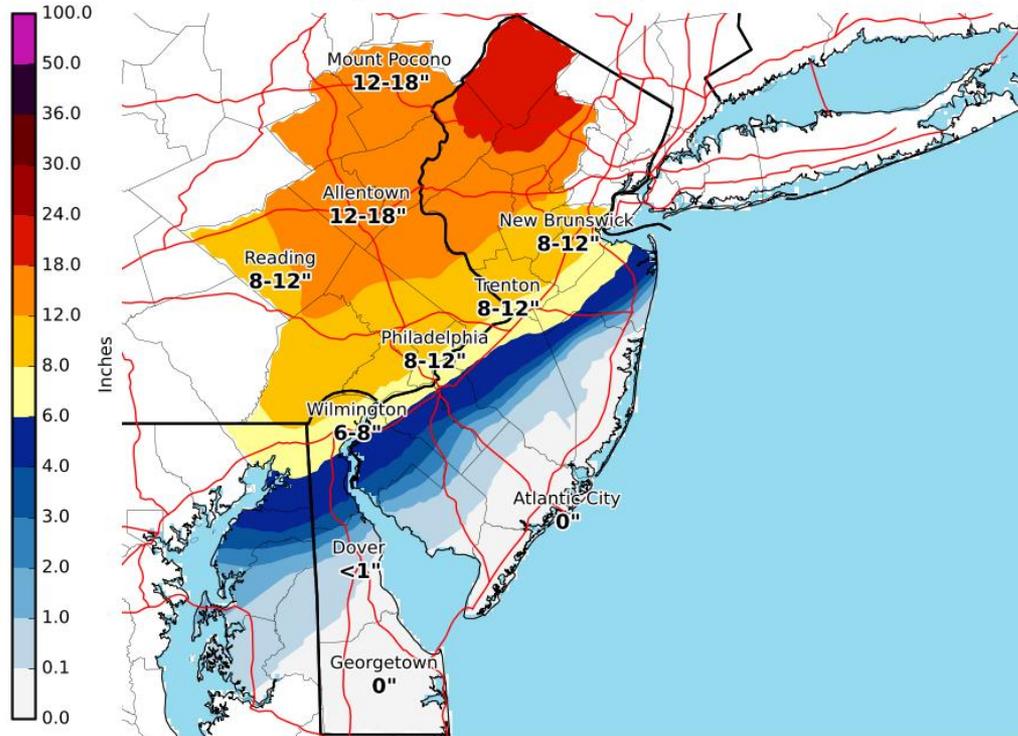


# Summary of the Greatest Impacts



# Snowfall Forecast

**Expected Snowfall - Official NWS Forecast**  
Valid: 03/07/2018 01:00 AM - 03/08/2018 01:00 AM EST



## Important Notes:

- ✓ While snowfall amounts are subject to change, this is a high confidence forecast.
- ✓ Most of this snow is expected to fall from 10 AM to 7 PM.
- ✓ Snowfall rates of 1 to 2 inches per hour are expected late this morning and afternoon.
- ✓ Snow will be wet and heavy, difficult to shovel, and will collect on trees and wires.
- ✓ Precipitation may be mixed with rain for a time this morning, but becomes all snow by midday over most of the area, except delayed a bit for the coastal plain.

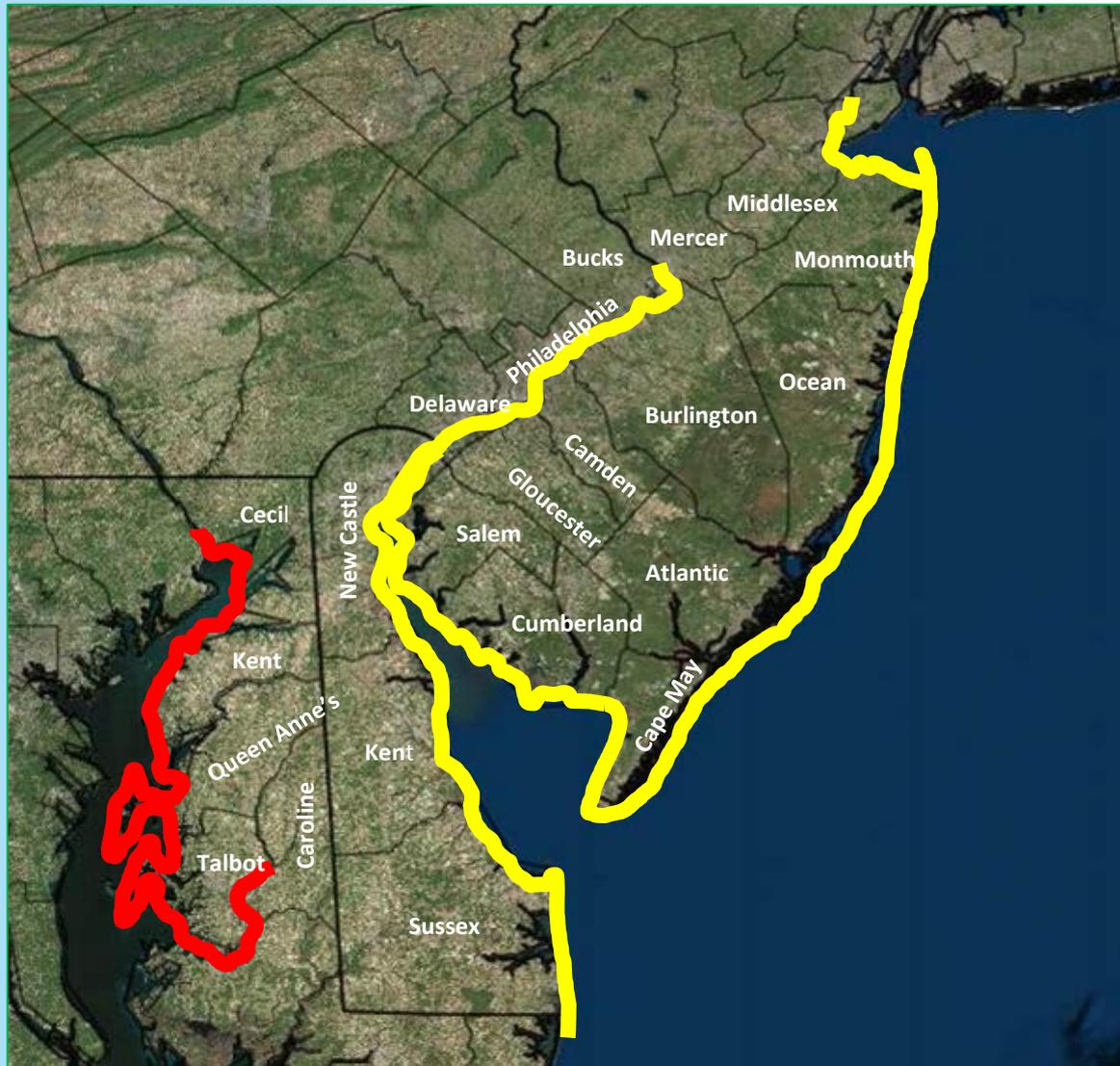


National Weather Service  
Mount Holly, NJ  
03/07/2018 06:07 AM EST

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# Coastal Flooding



- ✓ Low end moderate coastal flooding is being observed with this morning's high tide, and so a Coastal Flood Warning has been issued for the eastern shore of Maryland.
- ✓ Minor coastal flooding is still expected along all other coastal shores (Atlantic, Delaware Bay, Delaware River) through the high tide cycle this morning into mid day.
- ✓ Once the winds change to the northwest direction later today, coastal flooding issues should abate.
- ✓ This graphic shows the expected degree of flooding on the oceanfront, bays, and estuaries along the highlighted areas.



## Event Summary

- ✓ Winter Storm Warnings are in effect for eastern PA, western and northern NJ (except the immediate coast). Winter Weather Advisories are just southeast of the Interstate 95 corridor.
- ✓ Snowfall later this morning into this evening will be a heavy, wet snow, and could result in downed trees and power lines, along with widespread power outages. Travel will be difficult, if not impossible, especially this afternoon and early evening.
- ✓ Generally 18 to 24 inches is expected in northwest New Jersey, 12 to 18 inches in the southern Poconos, 10 to 16 inches in most of southeast PA, 8 to 12 inches in the immediate Philadelphia area, and 6 inches or less on the Delmarva and southern New Jersey. Extreme southern NJ and southern DE may just get rain. Confidence level: medium with the greatest uncertainty near the I-95 corridor where small shifts in the storm track can make a big difference in the snow total forecast. Snowfall rates of 1-2 inches per hour expected in eastern Pennsylvania and northern New Jersey mainly between 11 AM to 7 PM. Confidence: High
- ✓ Northeast winds will become northwest this afternoon and evening. Sustained winds will be near 20 mph with gusts up to 30 mph, except gusts up to 45 MPH in Monmouth and Ocean Counties. Expect downed trees, power outages, and blowing snow. Confidence level: High.
- ✓ Widespread minor coastal flooding is expected, especially along the northern and central parts of the NJ coast where there is a small chance of moderate flooding with midday high tide. Confidence: High. Low-end moderate flooding is expected through this morning's high tide along the eastern shore of Maryland.
- ✓ Gale force winds and rough seas on the coastal waters of NJ and DE, and on Del Bay. Near storm force wind gusts are possible. Confidence: High
- ✓ If you live north and west of Philadelphia, and north of I-195 in New Jersey, here's our best advice to stay safe...be where you need to be by 7 AM today, then stay at that location through this evening in order to ride out the storm. Make sure your car has a full tank of gas, and your cell phone is fully charged.

# Contact and Next Briefing Information



**This will be the last briefing for this rapidly intensifying storm.**



**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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**Disclaimer:** *The information contained within this briefing is time-sensitive; do not use after 5 PM March 7, 2018.*