

# **Nor'easter Monday Night–Wednesday December 8–10, 2014**

Prepared 400 PM EST – Monday, December 8, 2014

Mitchell Gaines

NOAA's National Weather Service

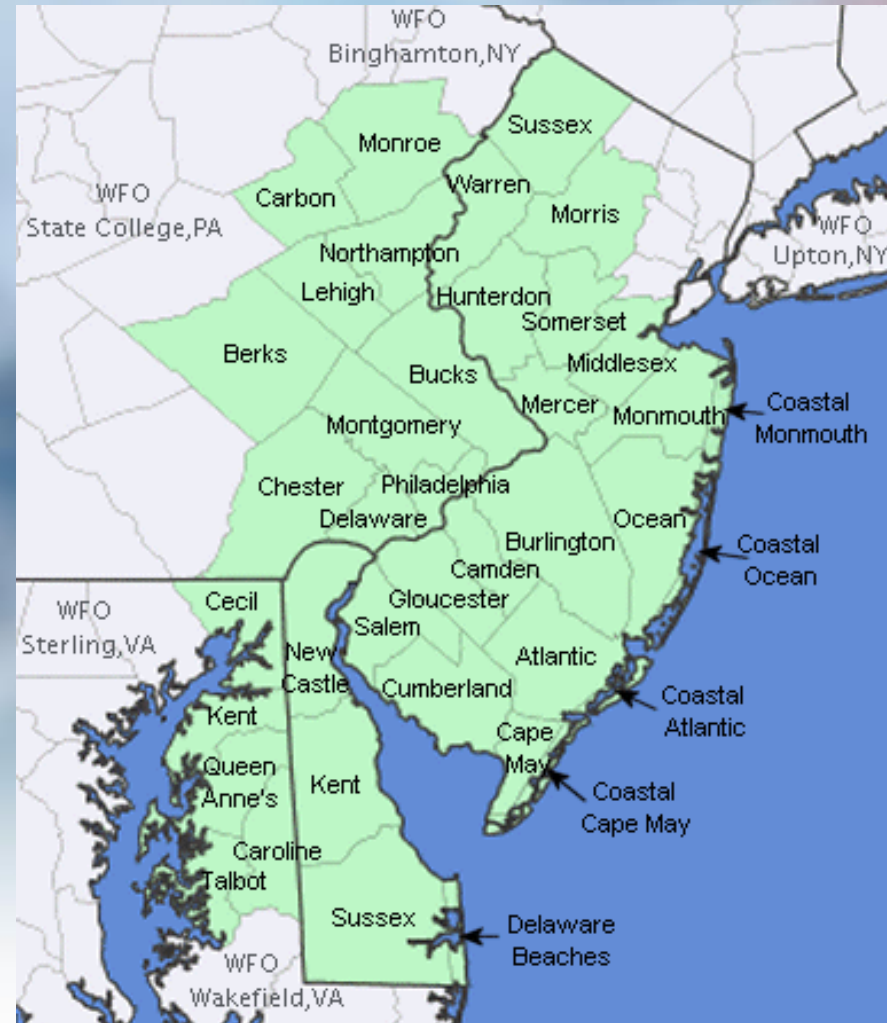
Philadelphia/Mount Holly NJ Forecast Office

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



# Purpose of Briefing

- Briefing # 3- Final Briefing
- To promote situational awareness for the emergency management community and for other partners.
- To provide guidance for planning efforts.
- The briefing applies to the WFO Mount Holly service area which is shaded in green on the map.



# Executive Summary

Low pressure is forecast to develop off the southeastern United States coast tonight then move northward into Tuesday. It is forecast to make its closest pass to the New Jersey and Delaware coasts on Tuesday. The low pressure will bring up some high winds, heavy rain, and coastal flooding along with a wintry mix for some places.

A Winter Storm Warning has been issued for Carbon and Monroe Counties through Tuesday night. Just south of these areas and in Sussex county NJ a winter weather advisory is in effect. A wintry mix with accumulations is expected tonight and Tuesday before a change to rain for these regions. Another round of snow is possible Tuesday night and Wednesday. Warmer temperatures will result in mainly rain elsewhere.

Snowfall totals of up to 9 inches are possible in the Poconos. With a sharp cutoff in lower elevations.

A Coastal Flood Warning is in effect for the entire coast of New Jersey and Delaware and Delaware Bay for Tuesday's high tidal cycle for Moderate Tidal Flooding. Minor Tidal flooding is possible with tonight's tidal cycle.

Northeasterly winds are forecast to increase to 15 to 30 mph on Tuesday with gusts around 45 mph along the coast and from 25-45 mph inland.

Gale Warnings are in effect for Tuesday on the ocean and in lower Delaware bay.

Forecast rainfall amounts from two to three inches may result in some urban and small stream flooding. A flood watch has been issued for expected heavy rain across the Philadelphia metropolitan region east into New Jersey.

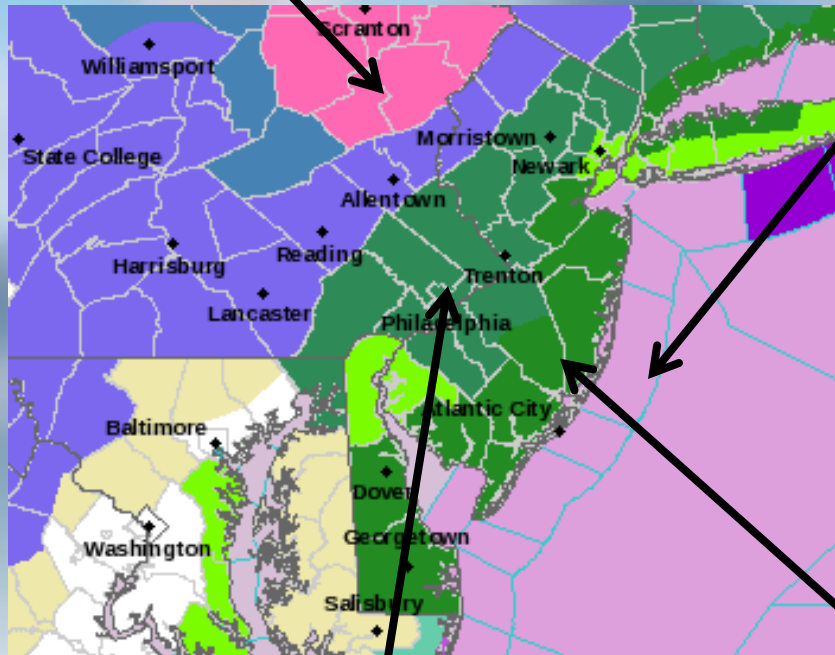
The storm is expected to be slower moving once it reaches our area and points north, precipitation could last from late tonight through Wednesday, particularly the further north you go.



# Current Headlines

Winter Storm Warning (Pink Color)

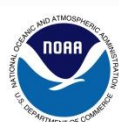
Gale Warning (Tonight and Tuesday)...Northern NJ Coastal Waters (Purple Color)



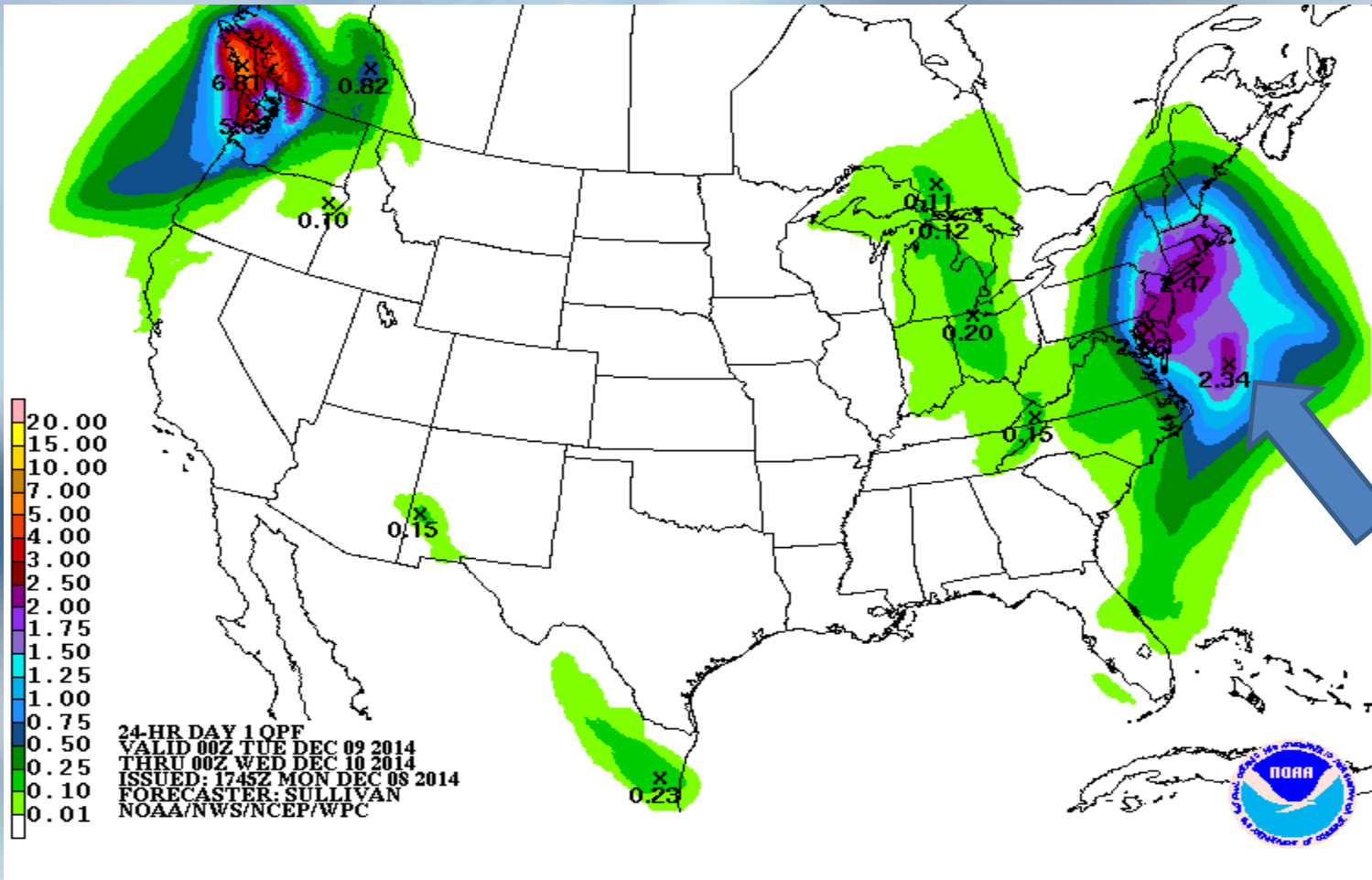
Flood Watch (Tuesday)

Coastal Flood Warning (Tuesday)  
NJ coastal counties except Cape May under a wind advisory.

National Weather Service  
Philadelphia/Mt. Holly



# 24 hour Liquid equivalent Precipitation ending at 7 PM Tuesday

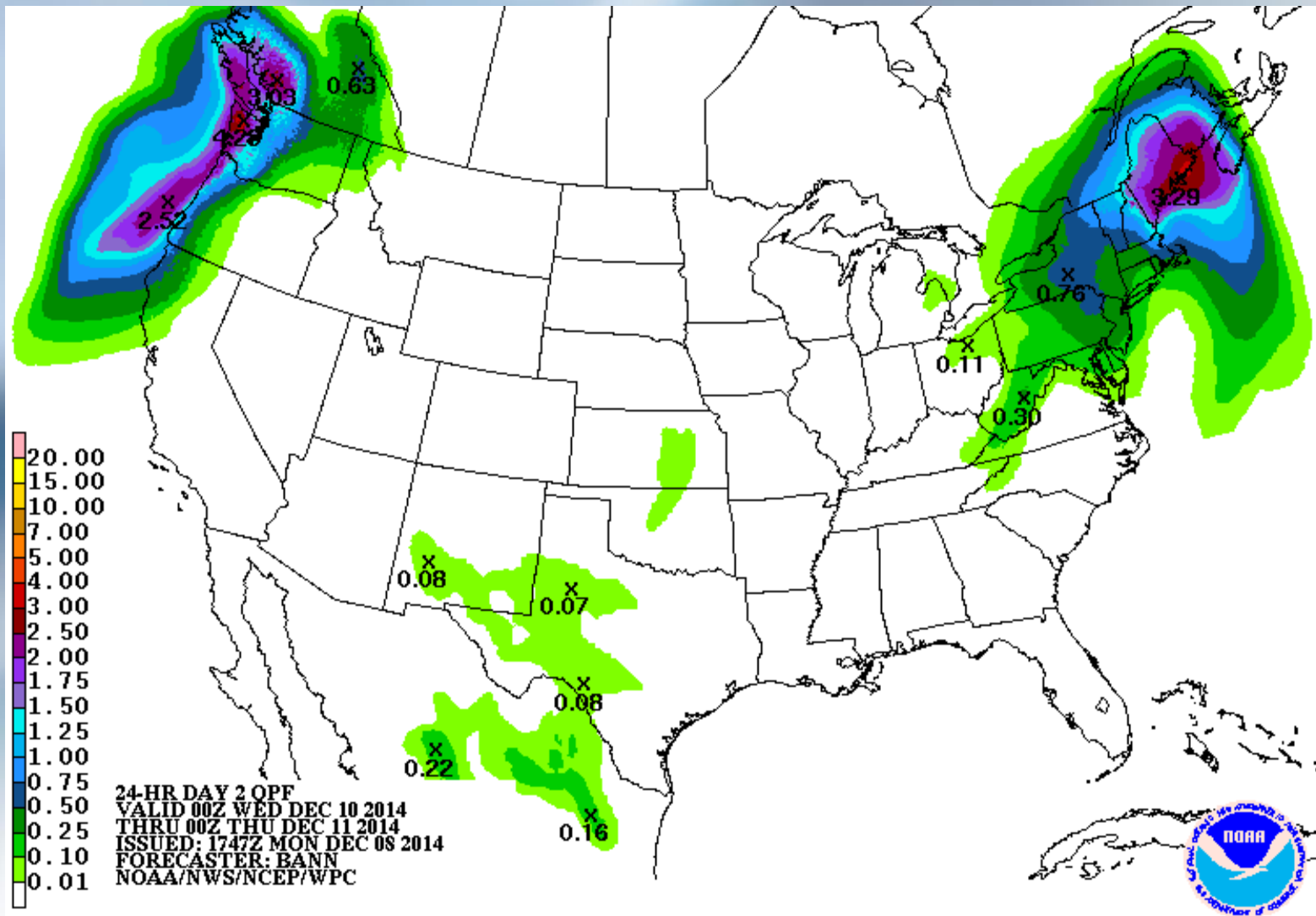


Our region is likely to pick up between two and three inches of rain

Note: This does not cover the entire event. As the event will continue beyond 7 PM. After this time most of precipitation will be from lighter rain and snow.

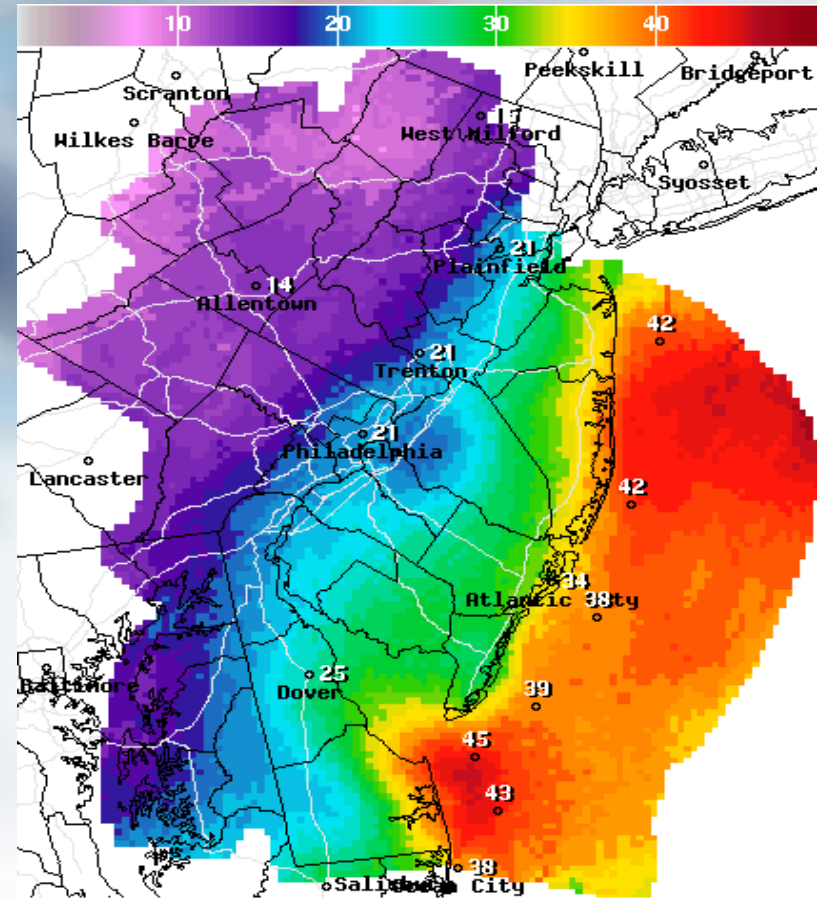


# Liquid Equivalent Precipitation AFTER 7 PM Tuesday



# High Wind Threat

- Winds from 15-30 mph are likely tomorrow with the strongest winds closer to the coast.
- Wind gusts will be up to 30 mph inland and up to 45 mph along the coast.



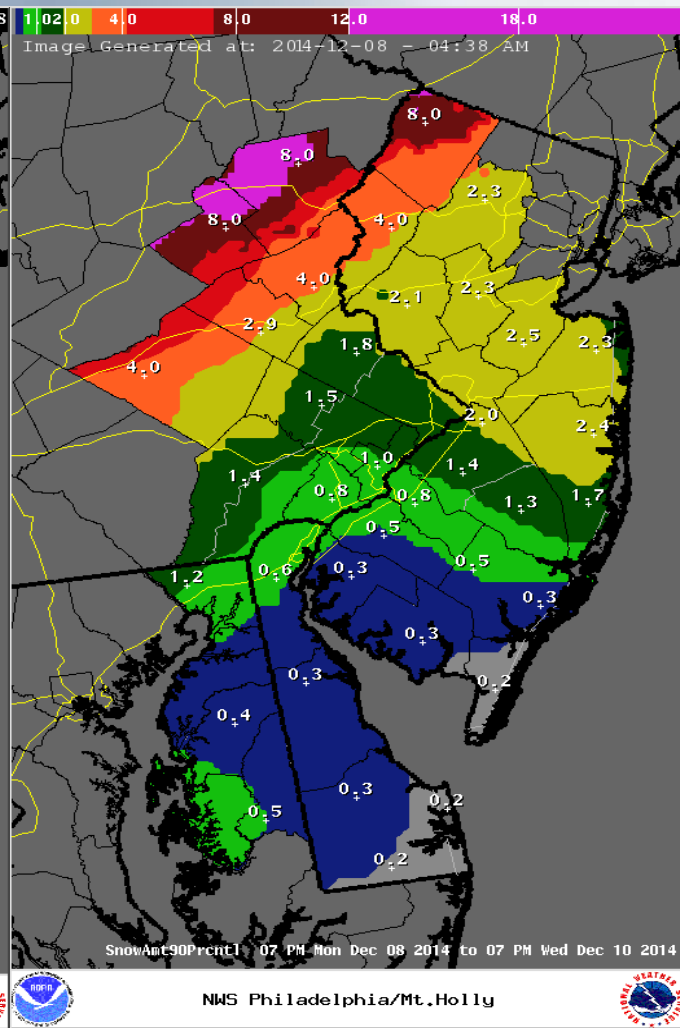
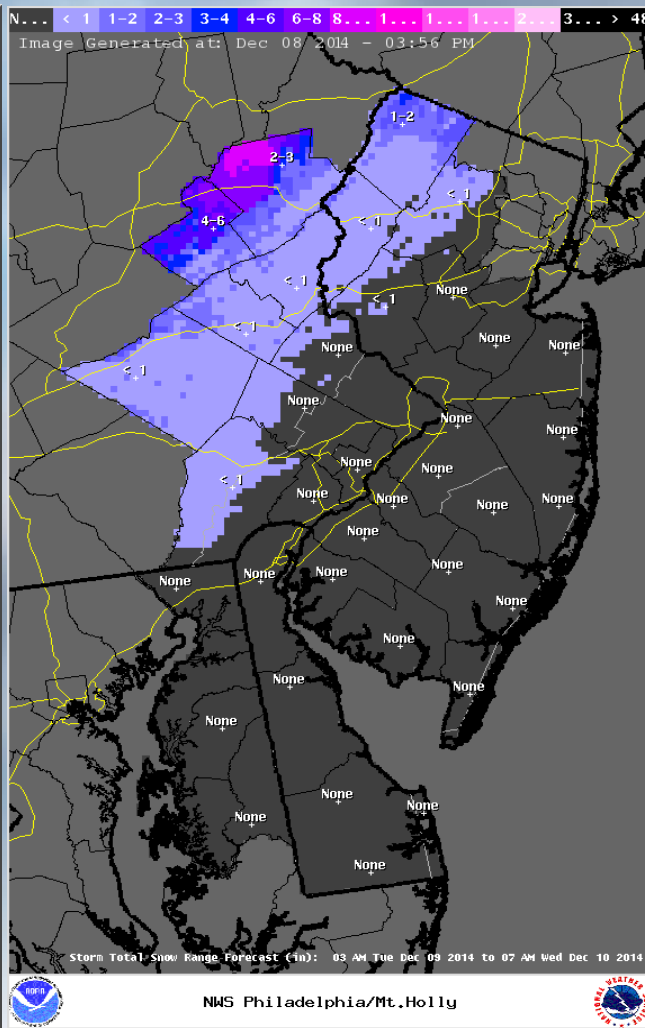
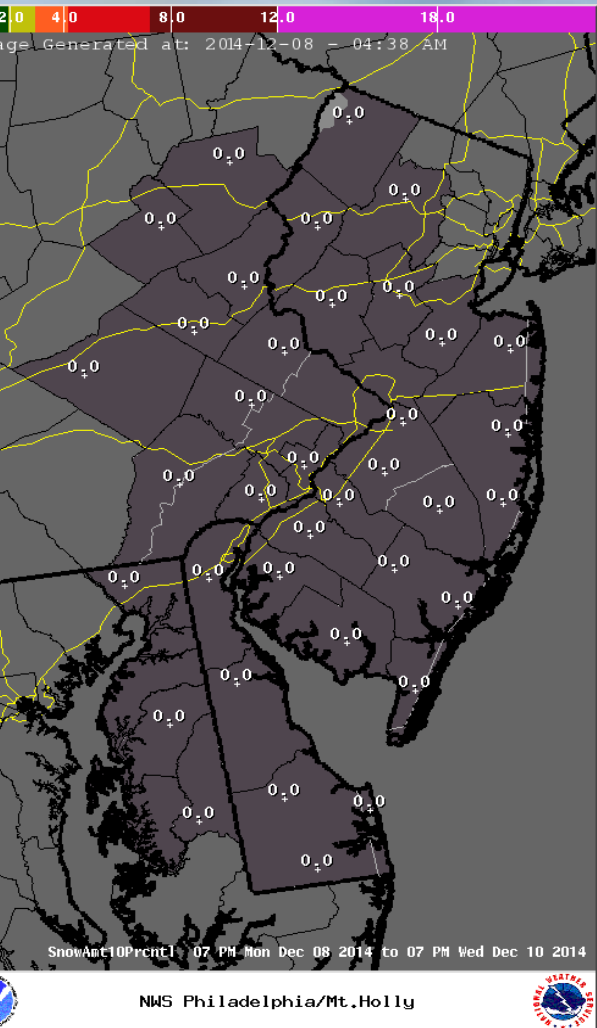
Wind Gust(kts) For Tue Dec 09 2014 10AM EST  
(Tue Dec 09 2014 15Z)

NWS Mount Holly, NJ

Graphic Created Dec 08 1:08PM EST



# Snowfall Through 7 PM Wednesday



Expect at least this much snow

Maximum Potential Snowfall

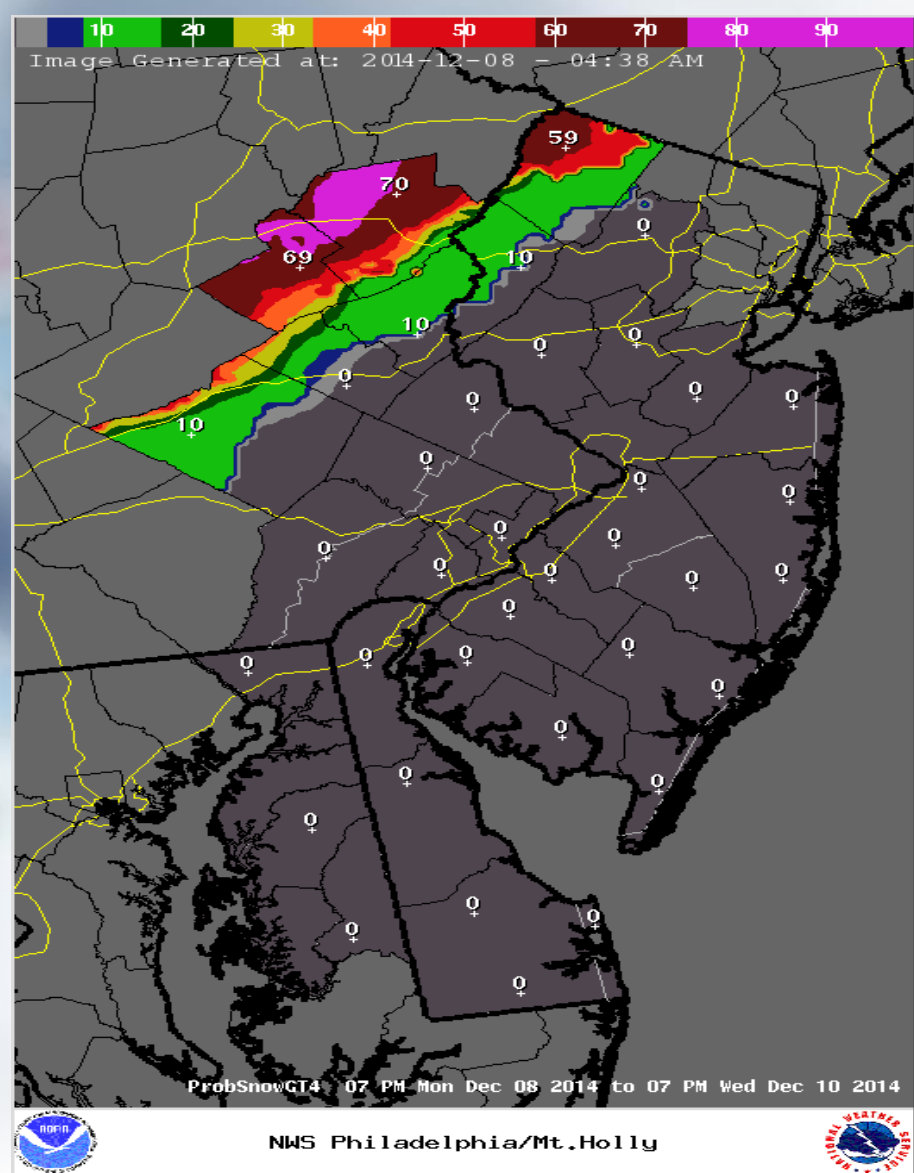
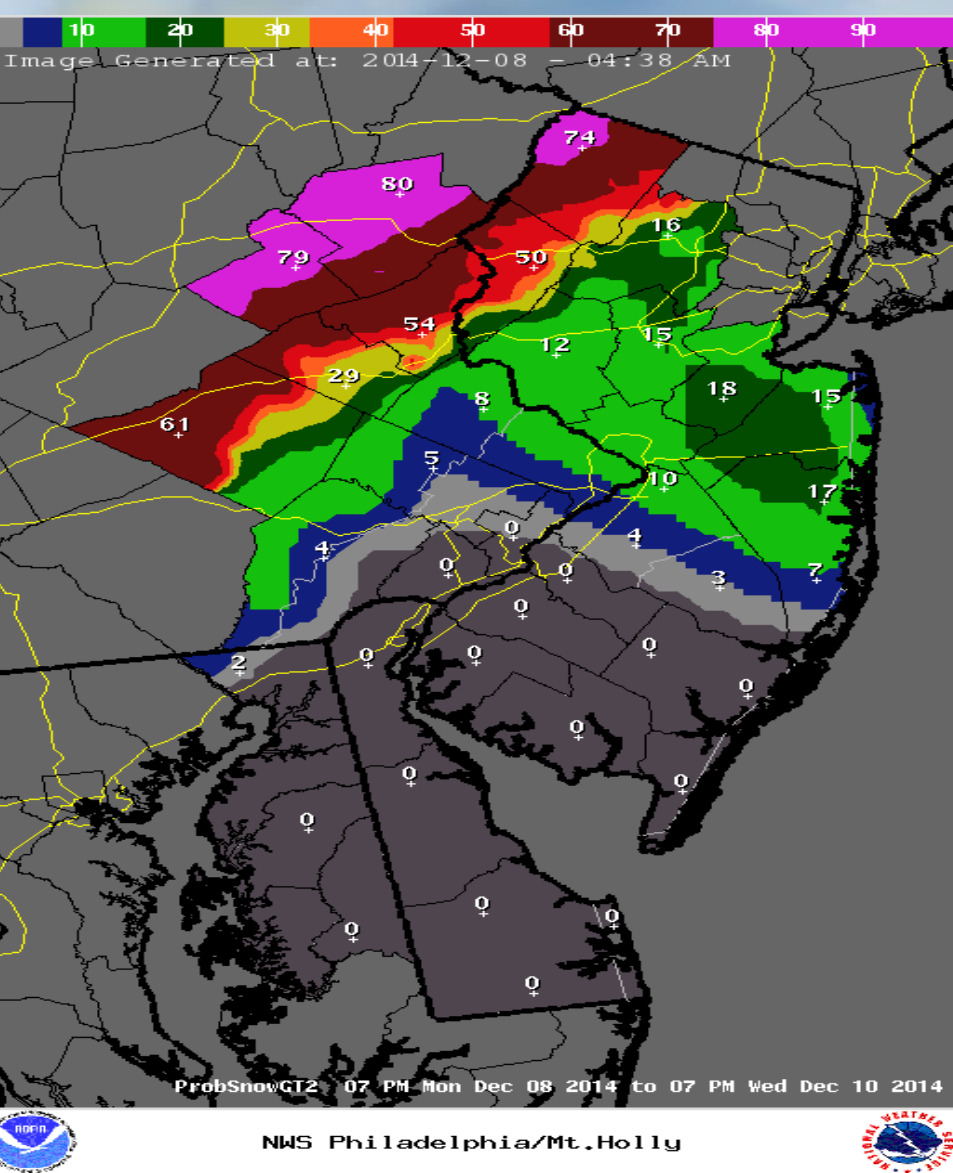
Most Likely

To see our updated experimental snowfall probabilities (available at 5pm) go to: [www.weather.gov/phi/winter](http://www.weather.gov/phi/winter)

National Weather Service Philadelphia/Mt. Holly







Probability of  $\geq 2$  inches of Snow  
7 PM Monday to 7 PM Wednesday

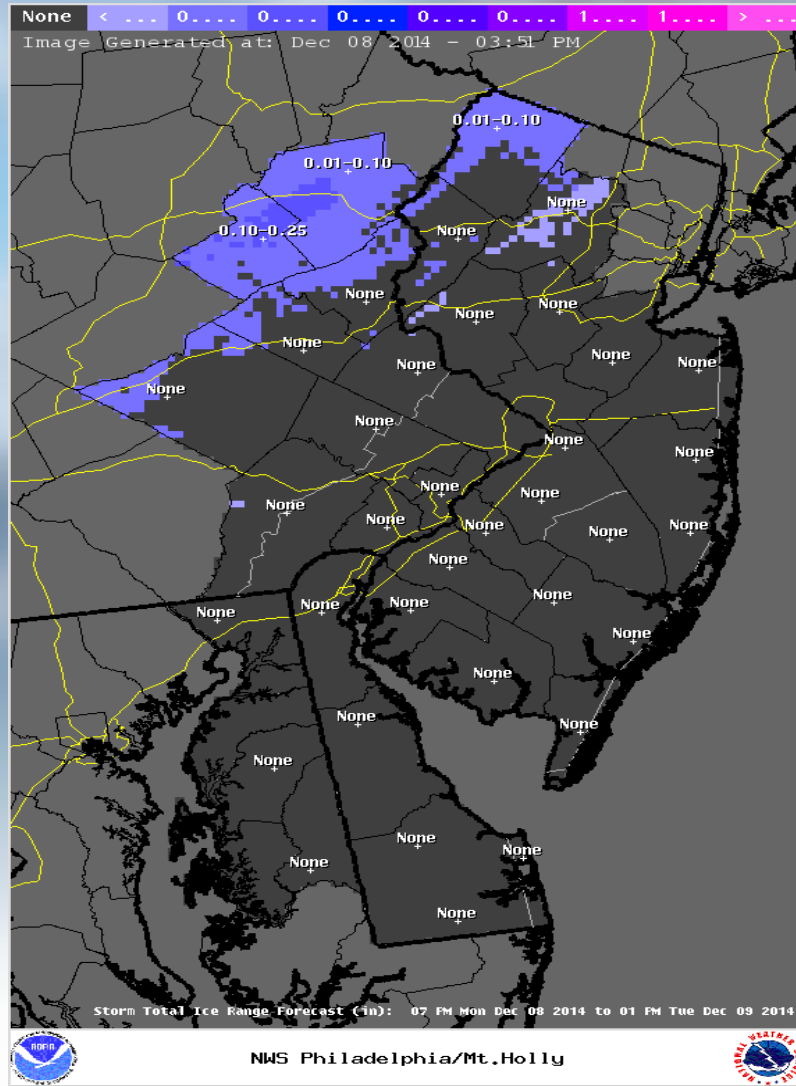
Probability of  $\geq 4$  inches of Snow  
7 PM Monday to 7 PM Wednesday

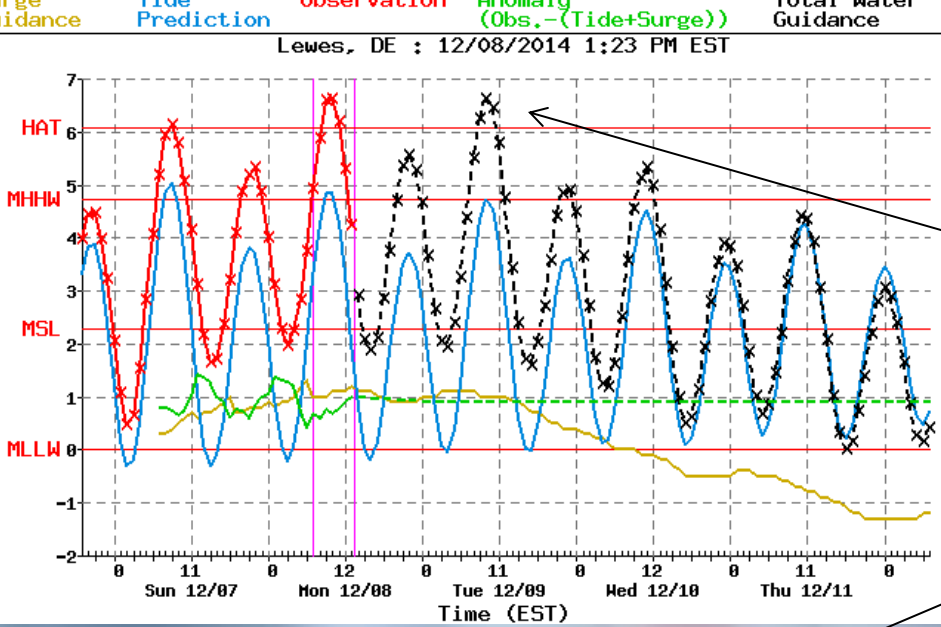
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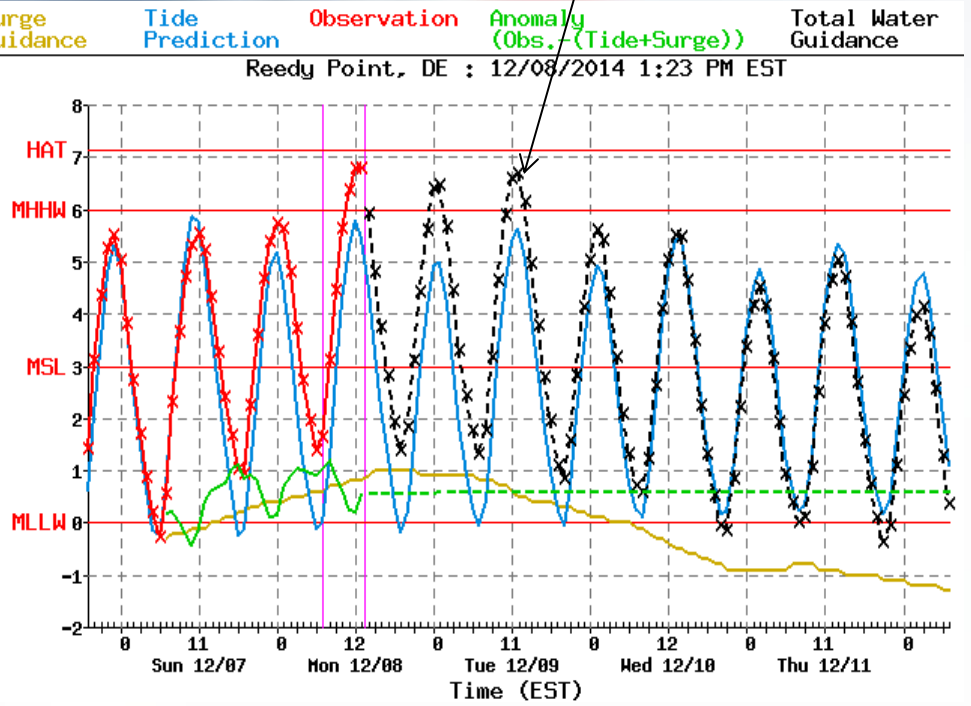
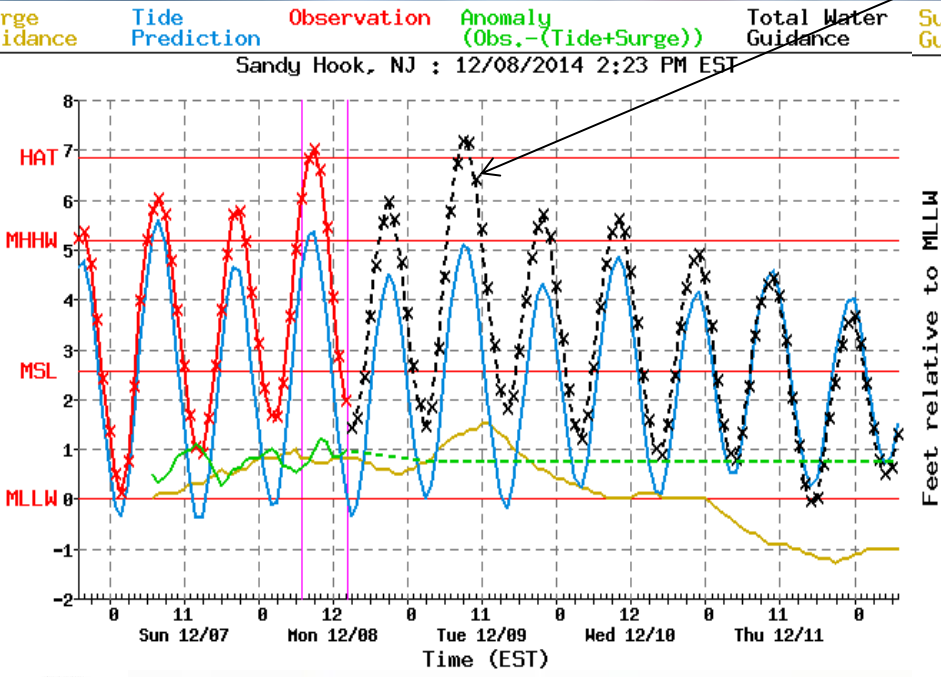


# Projected ice through 1 PM Tuesday





Current forecasted high tides for Tuesday morning



# Questions?

- For the latest information, visit our website at:
  - [www.weather.gov/phi](http://www.weather.gov/phi)
- Our latest briefing package is available from our website at:
  - [http://www.erh.noaa.gov/phi/briefing/packages/current\\_briefing.pdf](http://www.erh.noaa.gov/phi/briefing/packages/current_briefing.pdf)
- If you wish to be notified when a briefing package is issued, you can follow us on social media where we post the notice.
- You can ‘friend’ us on Facebook at: US National Weather Service Philadelphia/Mount Holly
- You can follow us on Twitter @NWS\_MountHolly
- This is the final briefing package.
- Please contact us if you have any questions.
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