

# Weather Briefing Nor'easter February 8, 2013

Prepared 1100 AM EST – Thursday February 7, 2013

Joe Miketta

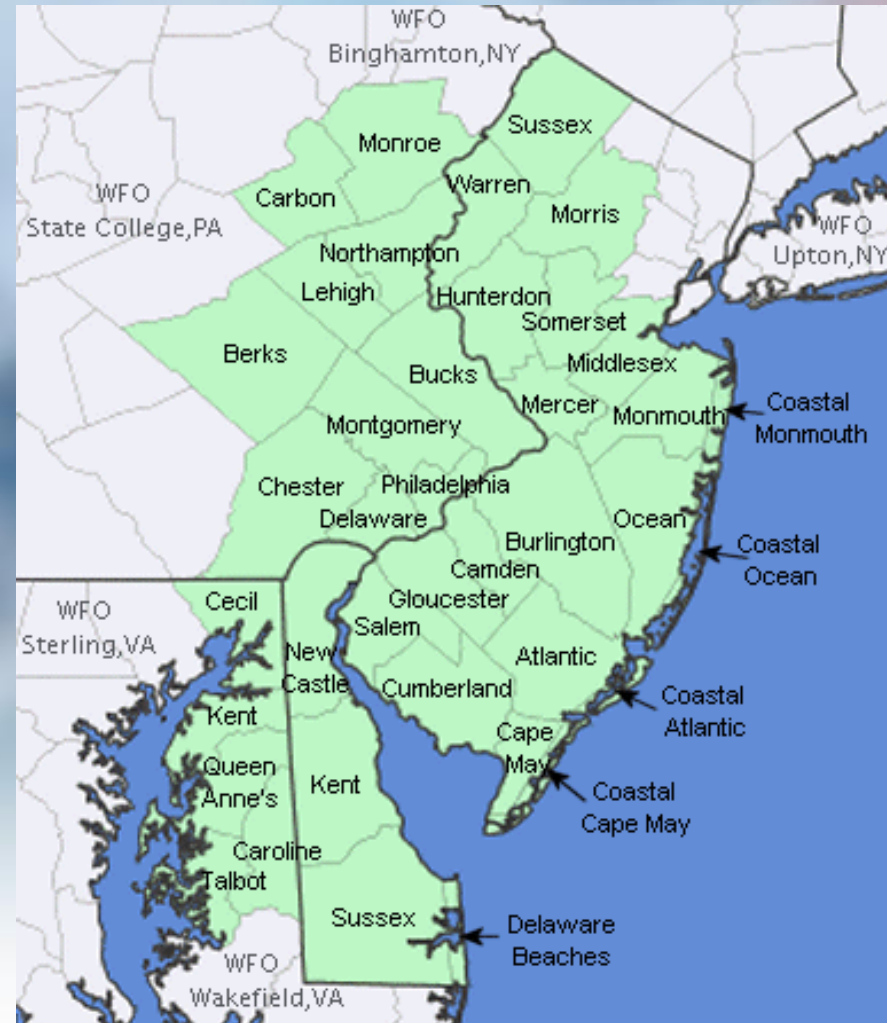
NOAA's National Weather Service  
Philadelphia/Mt. Holly NJ Forecast Office

<http://www.erh.noaa.gov/phi/>



# Purpose of Briefing

- Briefing # 4 for event
- Promote situational awareness for emergency management community & partners
- Provide guidance for planning efforts
- Briefing applies to Mount Holly service area – shaded in green on map



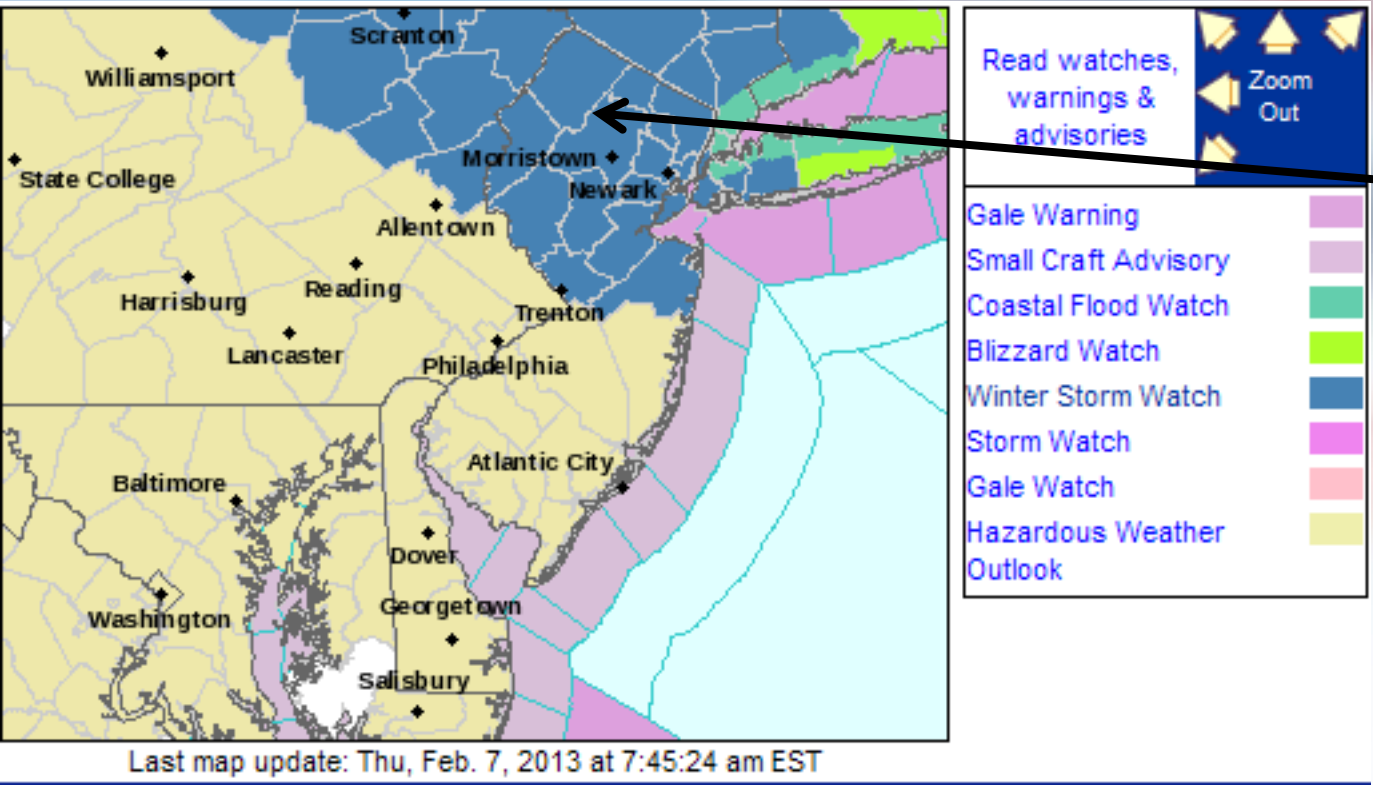
# Executive Summary

- A Nor'easter is expected to affect the region starting late tonight (February 7<sup>th</sup> ) and going into Saturday morning February 9<sup>th</sup>.
- Threats from the storm include snow, coastal flooding, and wind.
- Precipitation will fall mainly as snow north of I-78. Between I-78 and I-95 & I-195...precipitation will begin as snow, mix with rain, then turn back to snow. South of I-95...precipitation could begin briefly as snow, then turn to rain, then turn back to snow at the very end.
- **Snowfall amounts of up to 10 inches** are possible with this storm, with highest amounts over the Poconos and northern NJ.
  - **Heavy snowfall is likely to affect the Friday PM commute in the Poconos and northern NJ**
  - **Snowfall rates of 1 to 2 inches per hour are possible near and north of the I-78 corridor Friday evening.**
  - **A dry, puffy snow is expected north of I-80, with a wetter snow further south.**
  - **Blizzard warnings may be necessary in northern NJ as the event unfolds.**
- Along the Atlantic Coast of NJ and DE, minor coastal flooding is expected; **moderate coastal flooding is possible.**
- Urban and poor drainage flooding is possible especially in eastern sections of the forecast area where the heaviest rain is expected. Main stem river flooding along the Delaware, Schuylkill and Lehigh is **NOT** expected, but significant rises are possible along the Raritan and lower Passaic.
- Wind will gust up to 40 mph inland and **55 mph in coastal areas**. Power outages can be expected.
- **Next briefing package will be issued by 5 PM Thursday, February 7<sup>th</sup>**
- For the latest forecast & warning information, monitor our website at:

<http://www.erh.noaa.gov/phi/>



# Latest Watch / Warning Map from the NWS Mount Holly Website

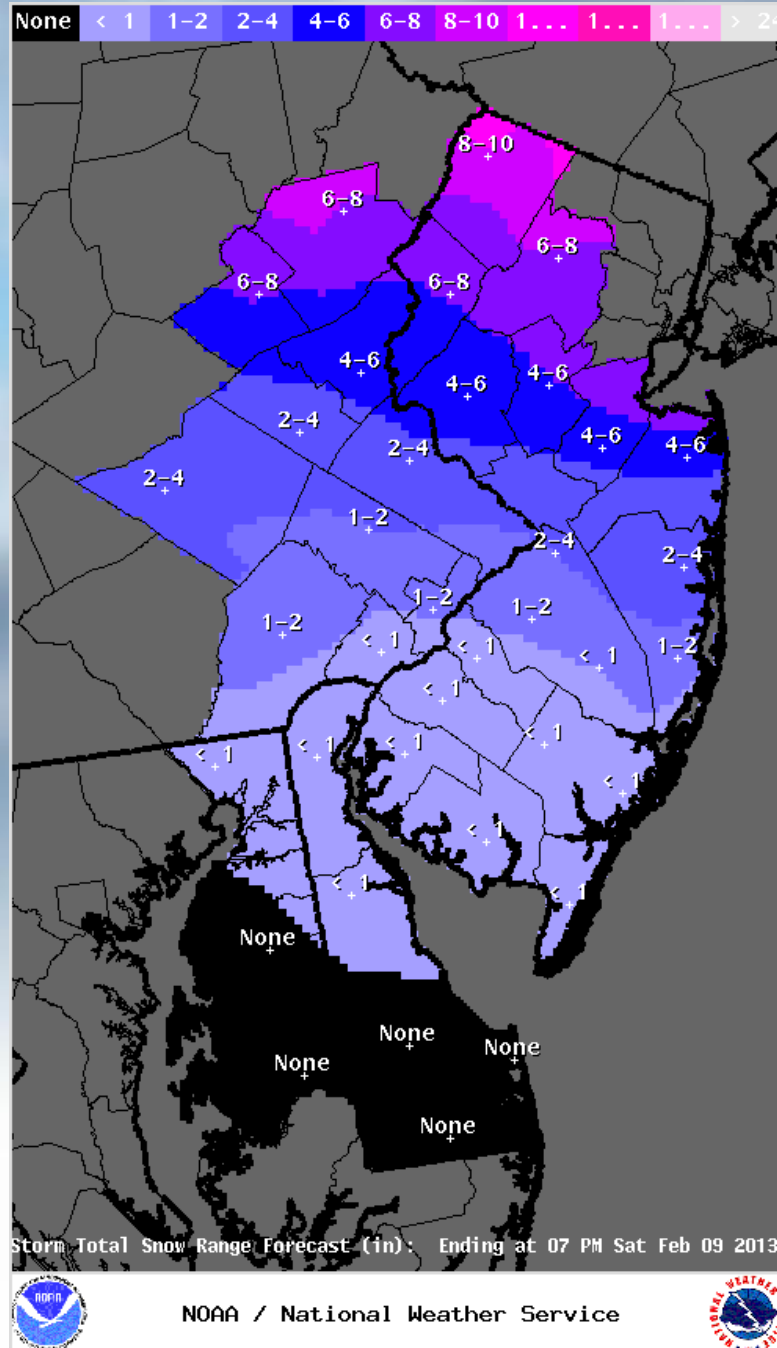


Winter Storm Watch (blue)

Coastal Flood Watch will probably be issued later today for the NJ and DE Atlantic Coast. Saturday morning high tide is of most concern.



# Latest Snow Total Forecast from NWS Mount Holly NJ through 7 PM Saturday

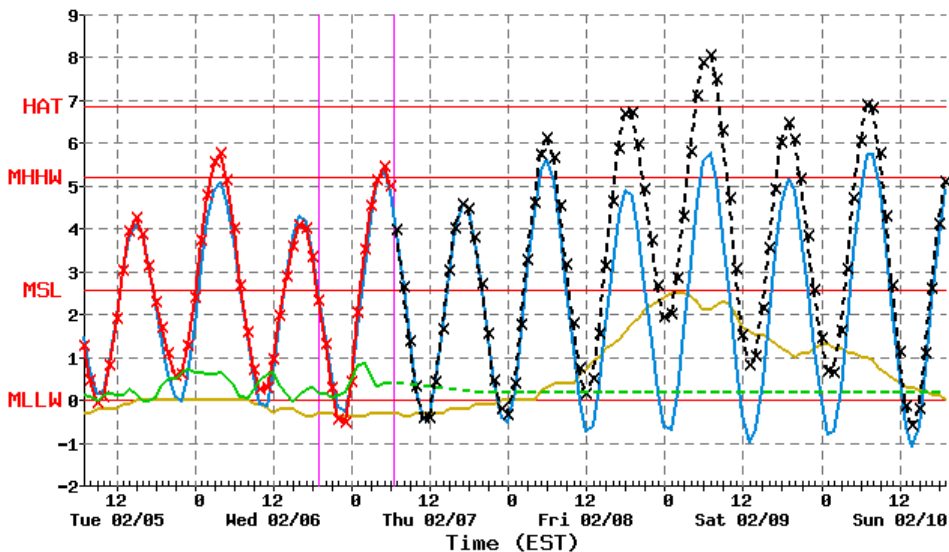


NOAA / National Weather Service



National Weather Service  
Philadelphia/Mt. Holly

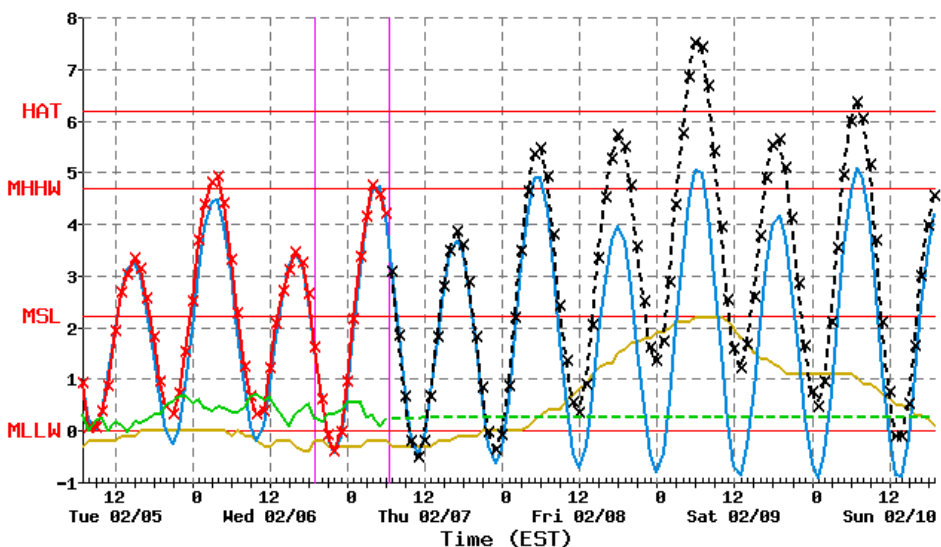
Sandy Hook, NJ : 02/07/2013 6:31 AM EST

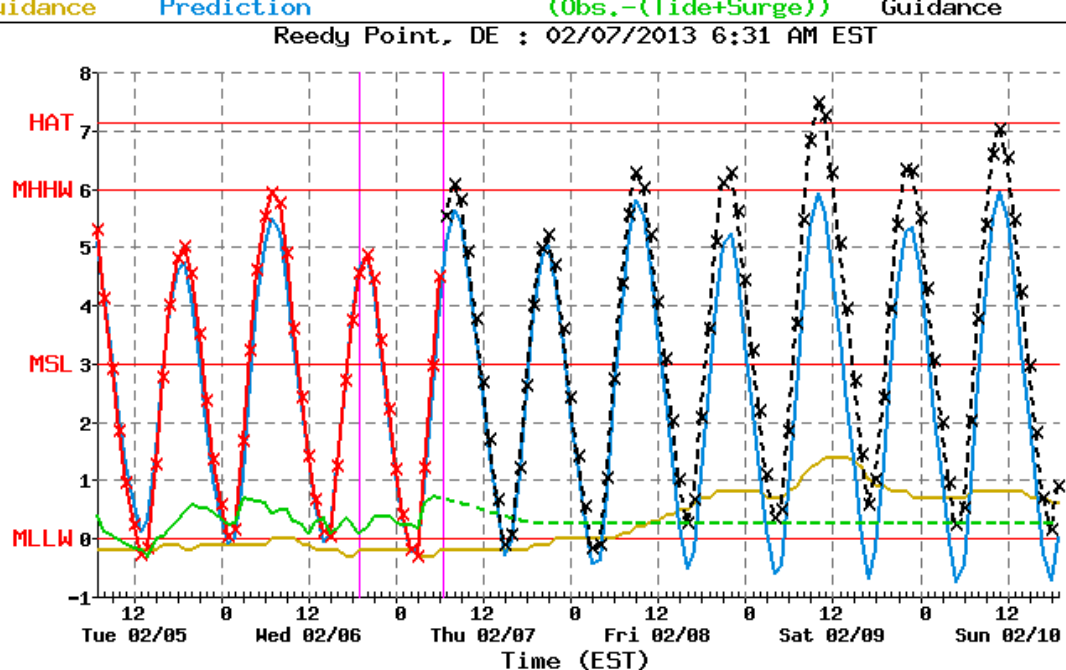


# Coastal flooding threat

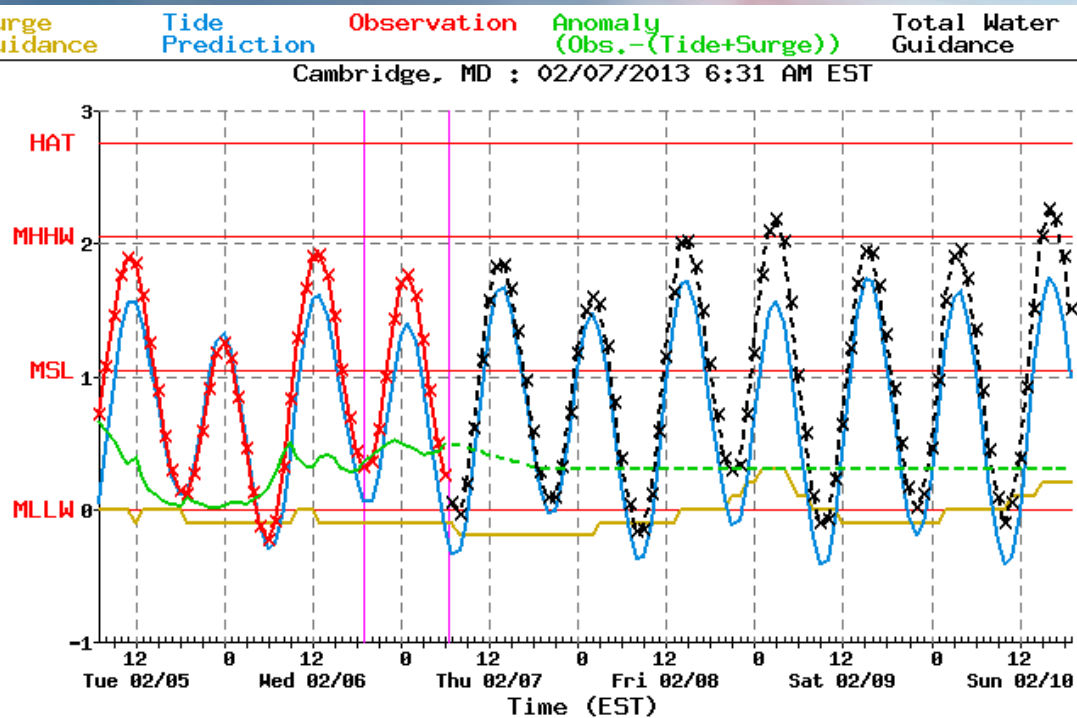
- Along the Atlantic Coast of NJ and DE, minor coastal flooding is possible with the Friday afternoon high tide, with moderate flooding possible with the Saturday morning high tide.
- Minor to moderate beach erosion can be expected.
- Minor to moderate coastal flooding is also possible along the shores of the Raritan Bay in northern New Jersey, as well as the lower Delaware Bay. High tides to watch are Friday morning and Saturday morning.

Atlantic City, NJ : 02/07/2013 6:31 AM EST

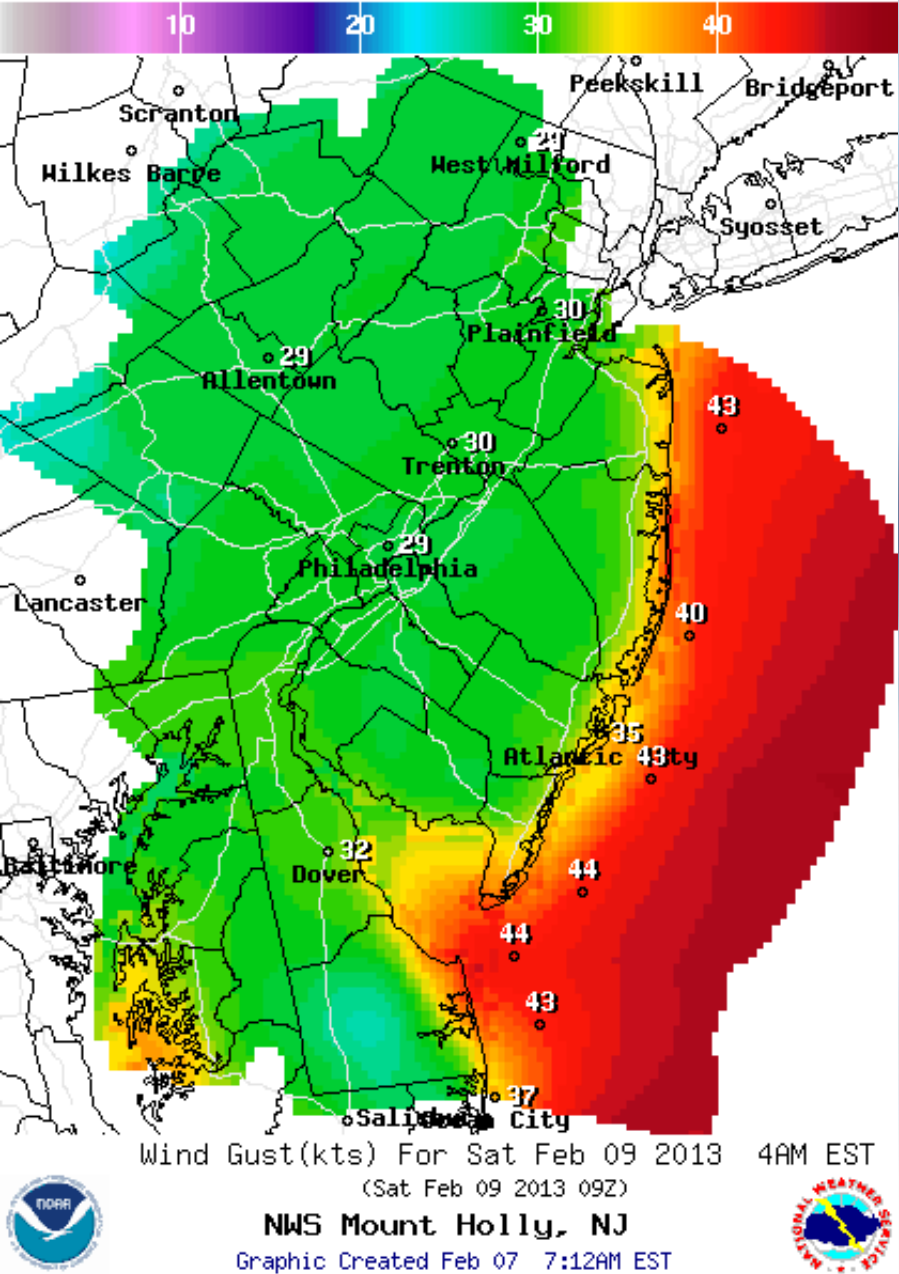




•Because the wind direction will be more easterly than southeasterly, there won't be an aggressive push of water up the Delaware Bay, so while moderate flooding is possible near the mouth of the bay, further north (such as Reedy Point), only minor flooding is expected at this time. The Saturday morning high tide is the most susceptible time for flooding. (Minor flooding begins at 7.2 ft MLLW at Reedy Point).



•With an easterly wind, any push of water up the Chesapeake Bay will be minimal, therefore flooding is not expected along the eastern shore of the Chesapeake Bay at this time. (Minor flooding begins at 3.5 feet MLLW at Cambridge).

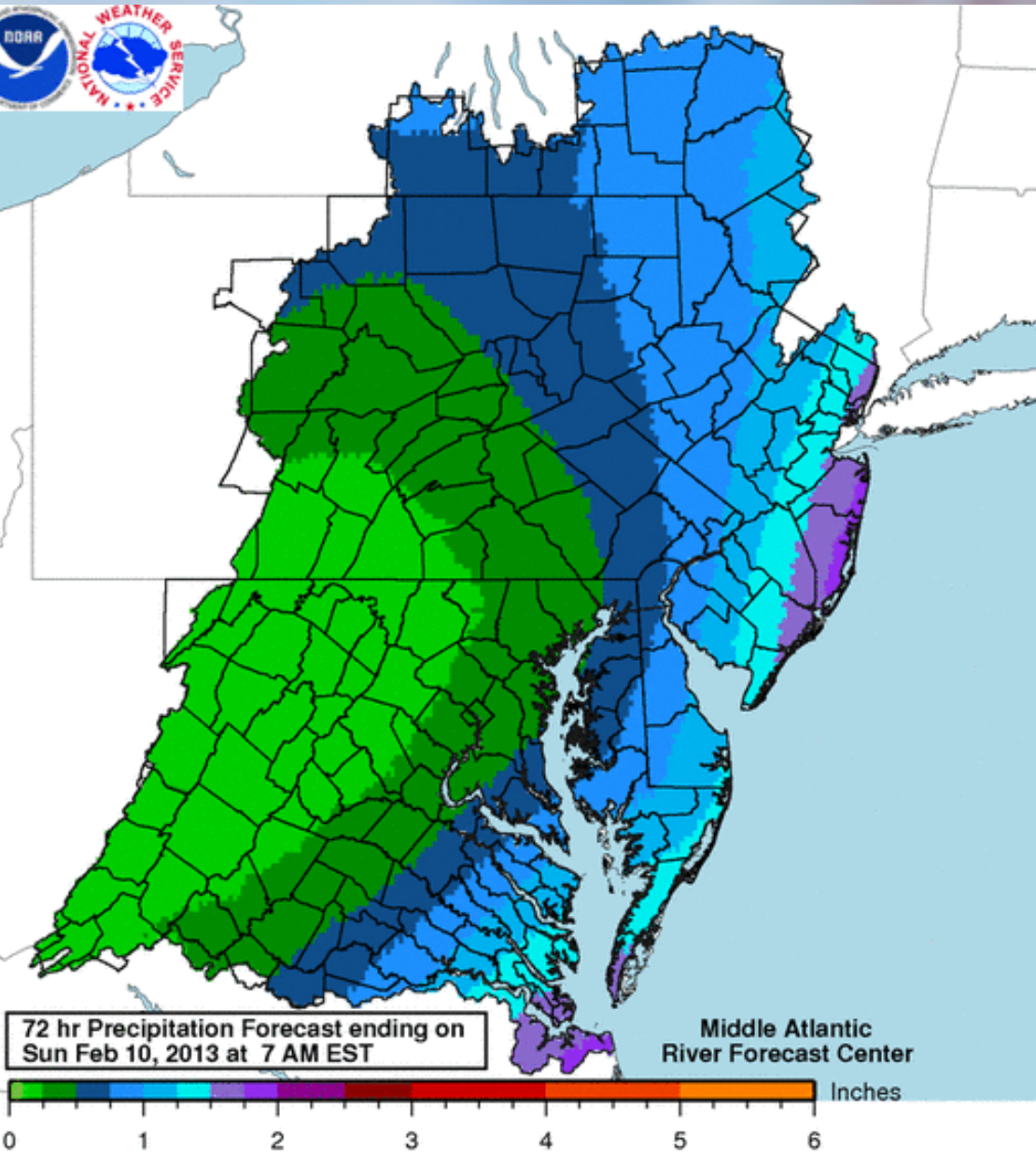


# Winds

- Winds will gust up to 40 mph at inland locations and up to 55 mph along coastal sections of New Jersey and Delaware. The map on left shows gusts in Knots.



# Latest Precipitation Forecast



- This map indicates how much liquid water might occur with this event (if all the precipitation fell as rain).
- Generally between 0.5 and 1.5 inches is currently forecast, with the lower amounts in the west, and the higher amounts toward the coast. Over 2 inches is possible along the NJ coast.
- No flooding is expected along the main stem rivers (Lehigh, Schuylkill, Delaware).
- Small streams may see significant rises, and the Raritan and Passaic Rivers too. However, based on current information, urban and poor drainage flooding looks like the main concern. This could change if the the core of heavy rain happens to shift further inland.

# Questions?

- For the latest information, visit our website at <http://www.erh.noaa.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 at: @NWS\_MountHolly
- If you have any questions, please contact us.
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