



# **Weather briefing Strong Coastal Nor'easter November 7<sup>th</sup>-8<sup>th</sup>, 2012**

Prepared 130 PM EDT – Monday November 5, 2012

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NOAA's National Weather Service

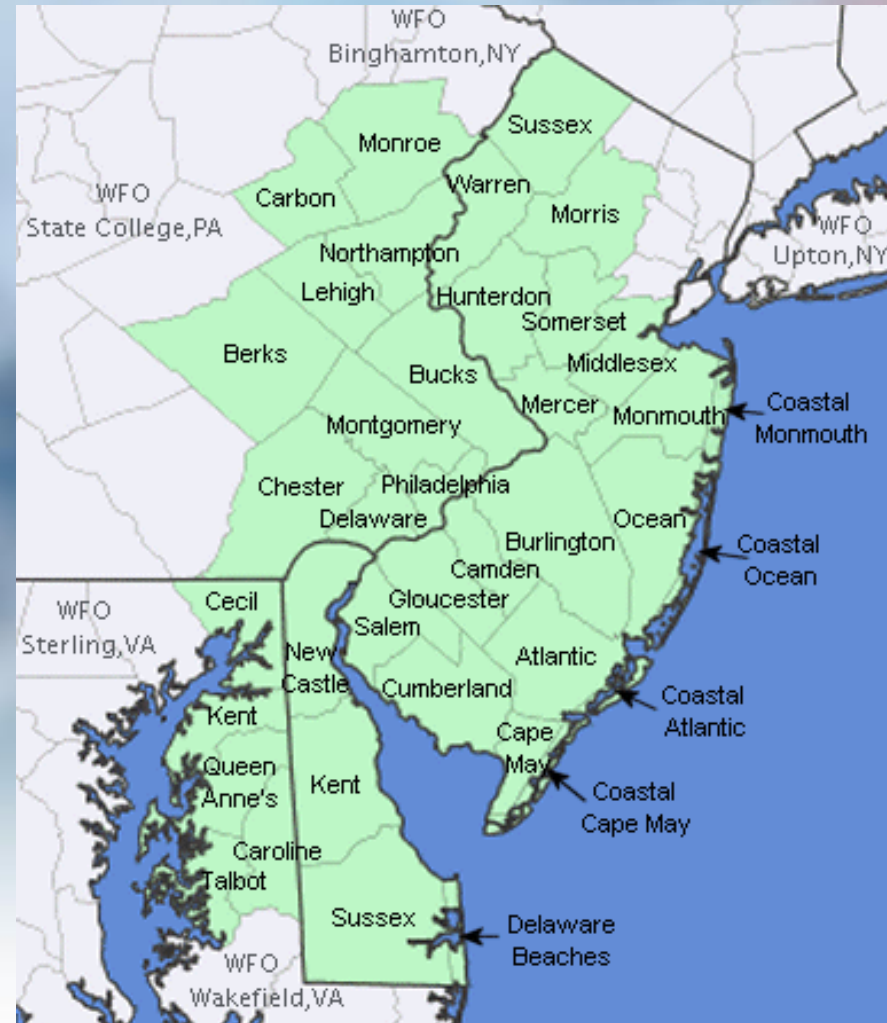
Philadelphia/Mt. Holly NJ Forecast Office

[Weather.gov/phi](http://Weather.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



# Changes from previous briefing

- Intensity of storm has increased, and it will move more slowly through the region.
- Higher wind gusts are expected, as well as more significant coastal flooding.

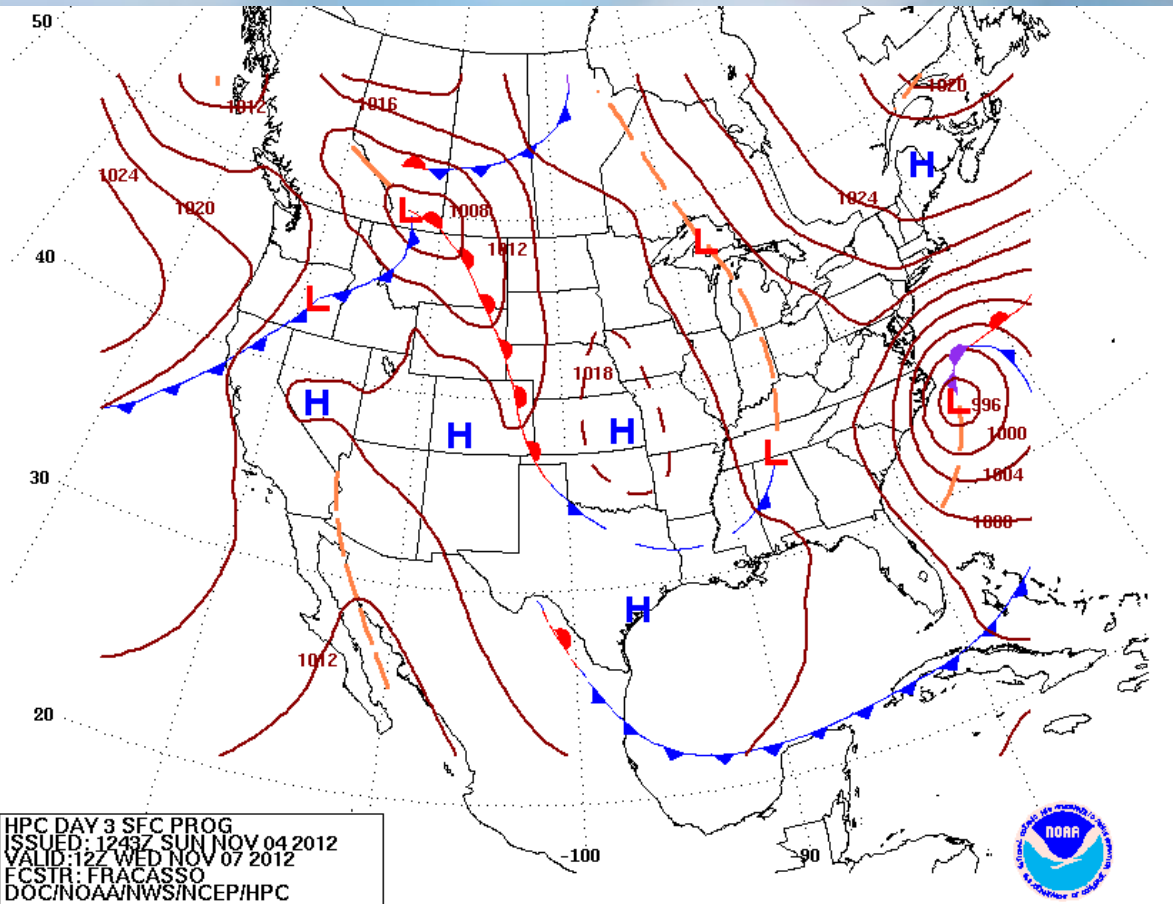


# Executive Summary

- A strong coastal nor'easter will threaten the region in the November 7<sup>th</sup>-8<sup>th</sup> timeframe.
- Storm force wind gusts (55-65 mph) are likely during this storm.
- Moderate coastal flooding is likely during this storm, major coastal flooding is possible; the high tides of most concern are the ones around midday Wednesday, November 7<sup>th</sup> and the following high tide Wednesday night.
- There will be moderate to severe beach erosion during this event.
- This nor'easter will have greater impact than usual because of the serious impacts from Coastal Storm Sandy.
- There is a threat of wintry precipitation in northwest New Jersey & the Poconos.
  
- Next briefing package will be issued by **300 PM on Tuesday, November 6th.**
- Monitor our latest weather forecast at **[weather.gov/phi](http://weather.gov/phi)**. The website is not yet back to 100 % functionality, but much of it has been restored.

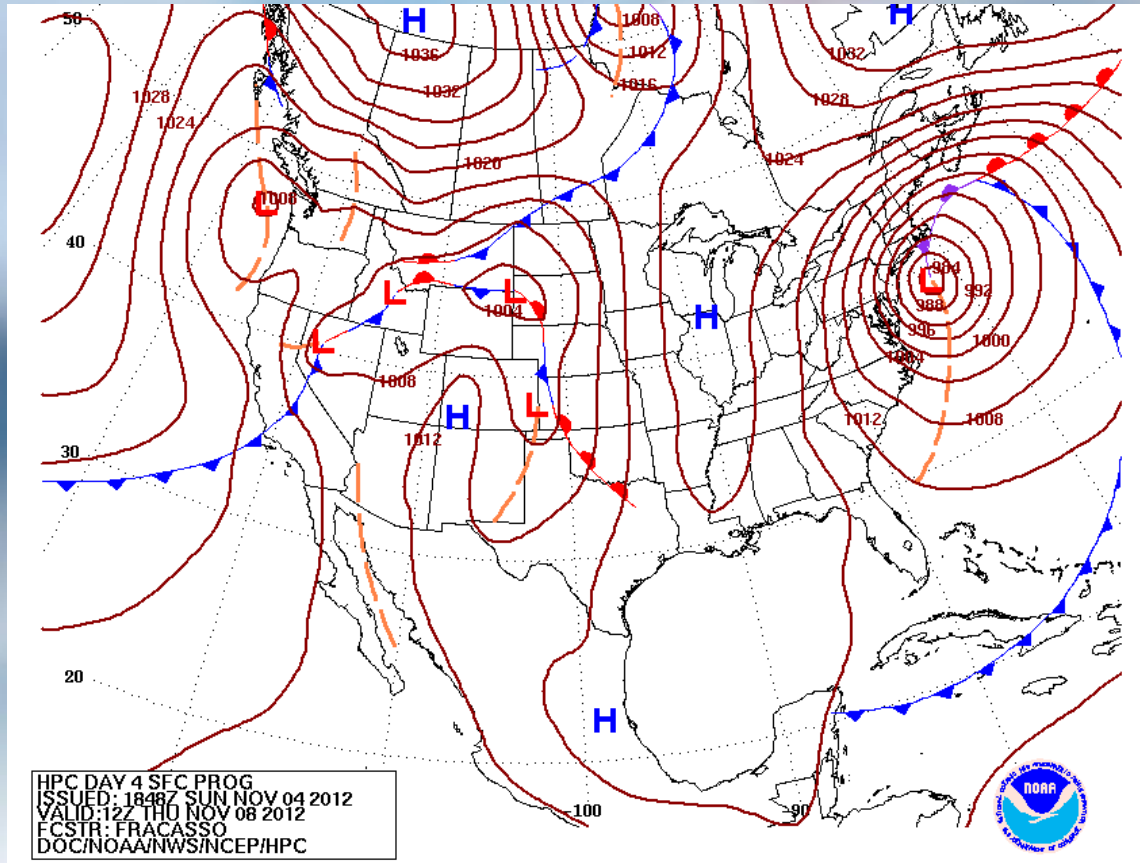


# Weather map – 700 AM EST Wed Nov 7<sup>th</sup>



- Storm is intensifying and off the North Carolina coast.

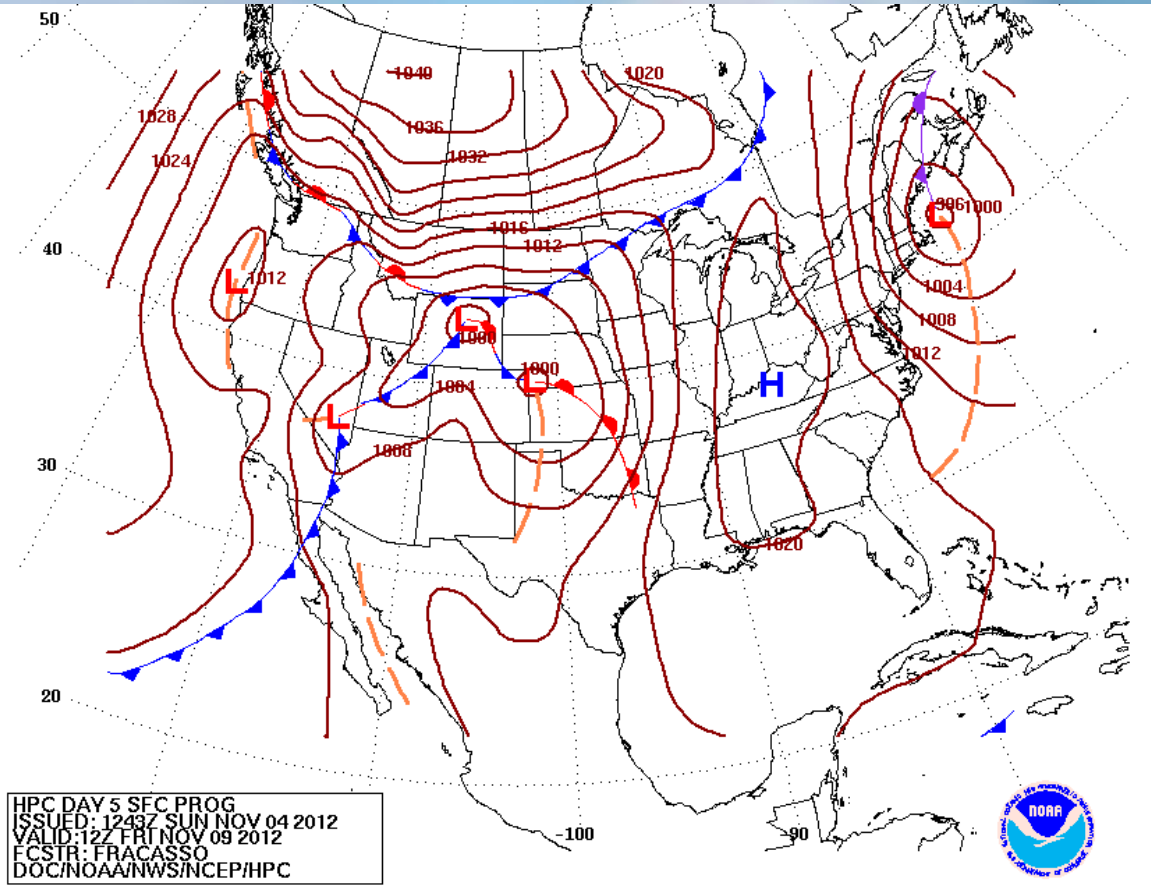
# Weather map – 700 AM EST Thu Nov 8<sup>th</sup>



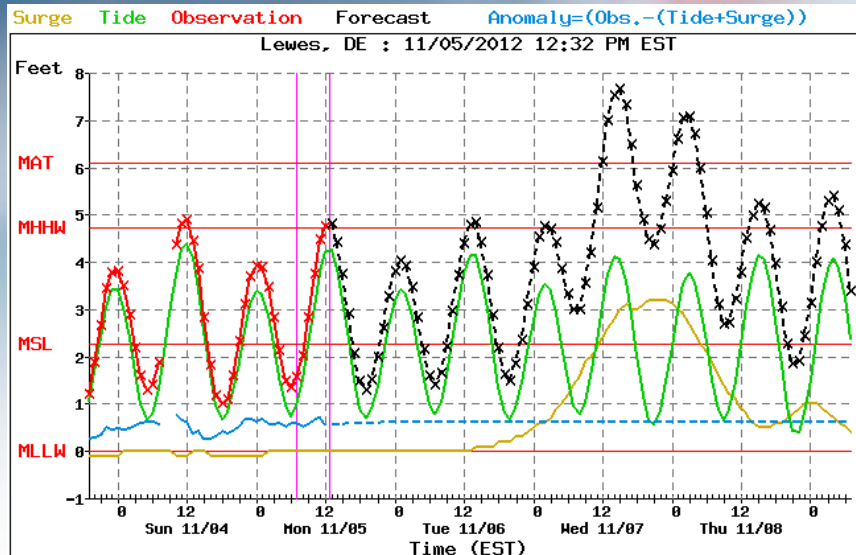
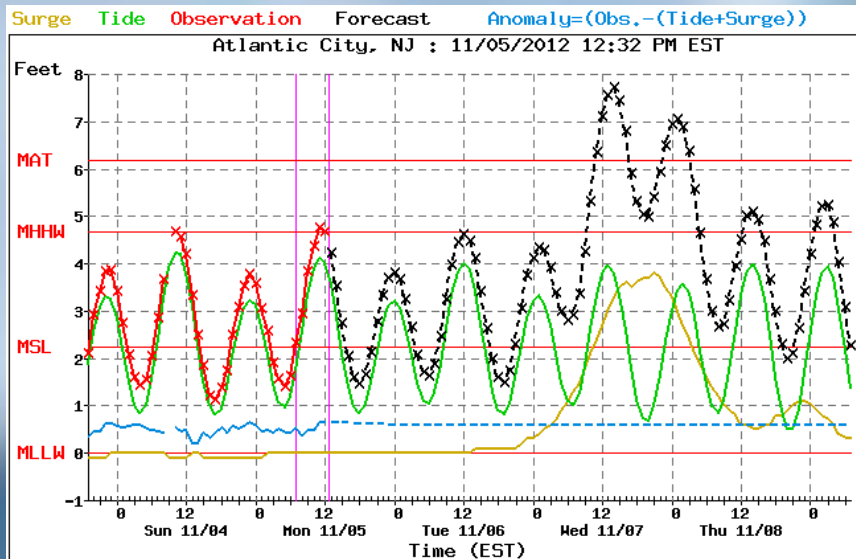
- Storm continues to intensify and is east of the New Jersey coast.

# Weather map – 700 AM EST Fri Nov 9th

- Storm has moved up the coast and is located near New England.



# Coastal flooding threat



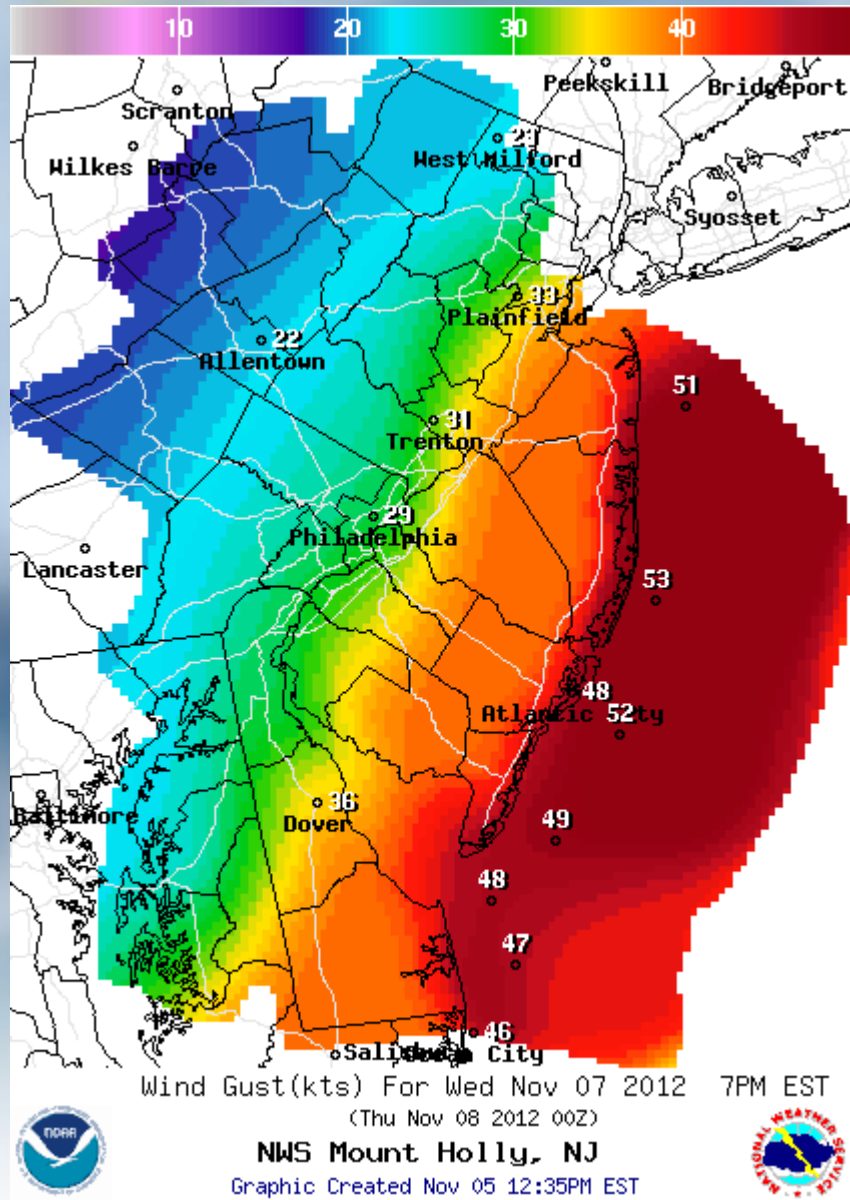
- Moderate coastal flooding is likely, and **major coastal flooding is possible** with this storm along the Atlantic coast of New Jersey & Delaware.
- Moderate coastal flooding is possible on the Delaware Bay & Chesapeake Bay.
- High tides Wednesday & Wednesday night are the ones to watch.
- Waves in surf zone along the Atlantic Coast will be 8 to 10 feet. Moderate beach erosion is likely; **major beach erosion is possible.**



# Things to keep in mind

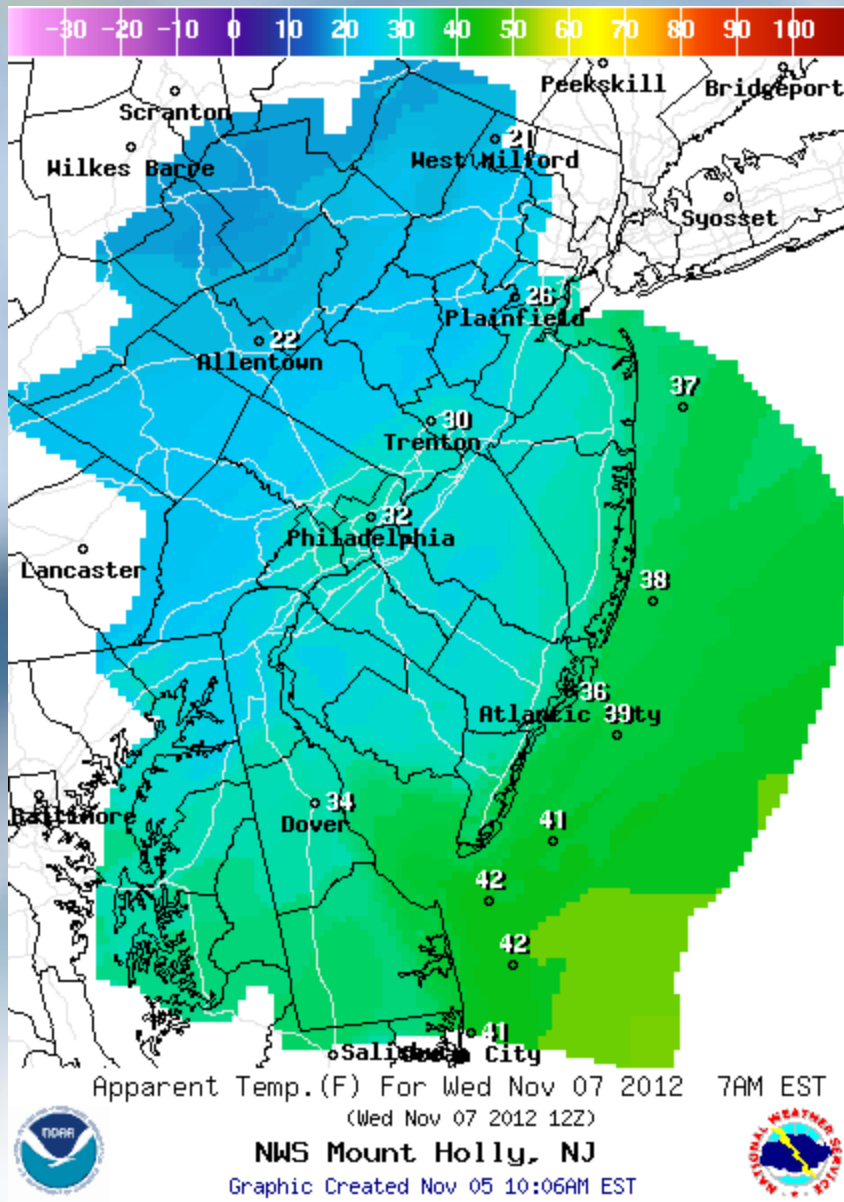
- Impact from coastal flooding and strong wave action will be worsened due to effects of Coastal Storm Sandy.
- Dunes have been weakened or washed away; bulkheads damaged or destroyed.
- Coastal storm defenses have been seriously compromised.
- Err on side of caution when dealing with this upcoming nor'easter.





# Winds

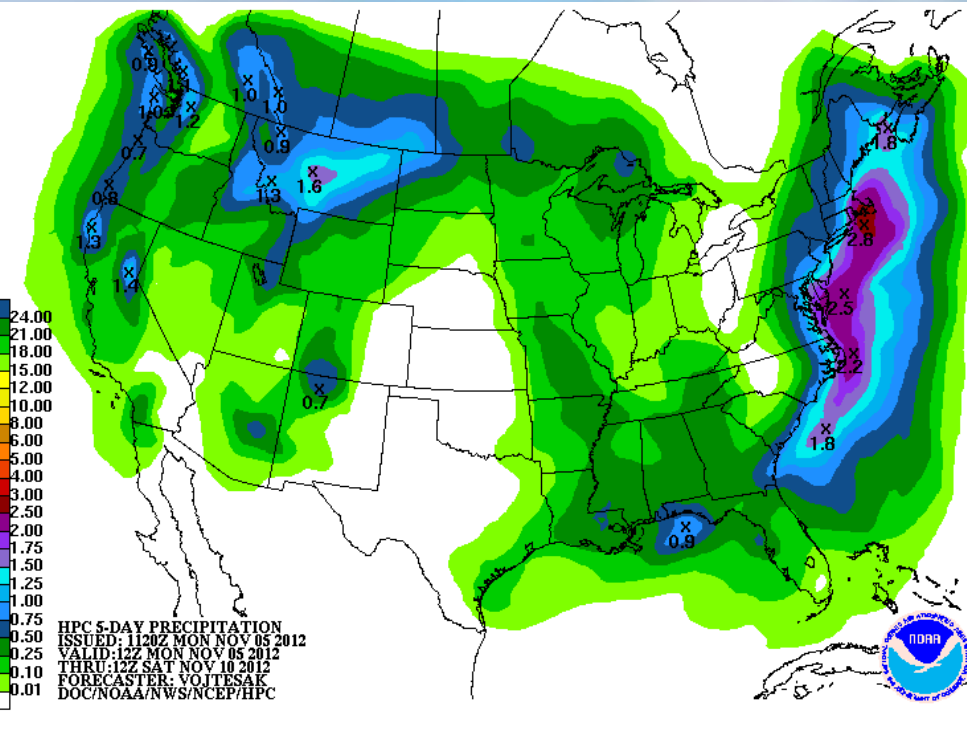
- Wind gusts 55 to 65 mph are likely with this storm. Strongest winds closest to the Atlantic Coast.
- Structures and trees weakened by Coastal Storm Sandy may be further damaged by winds of this magnitude.



# Temperatures

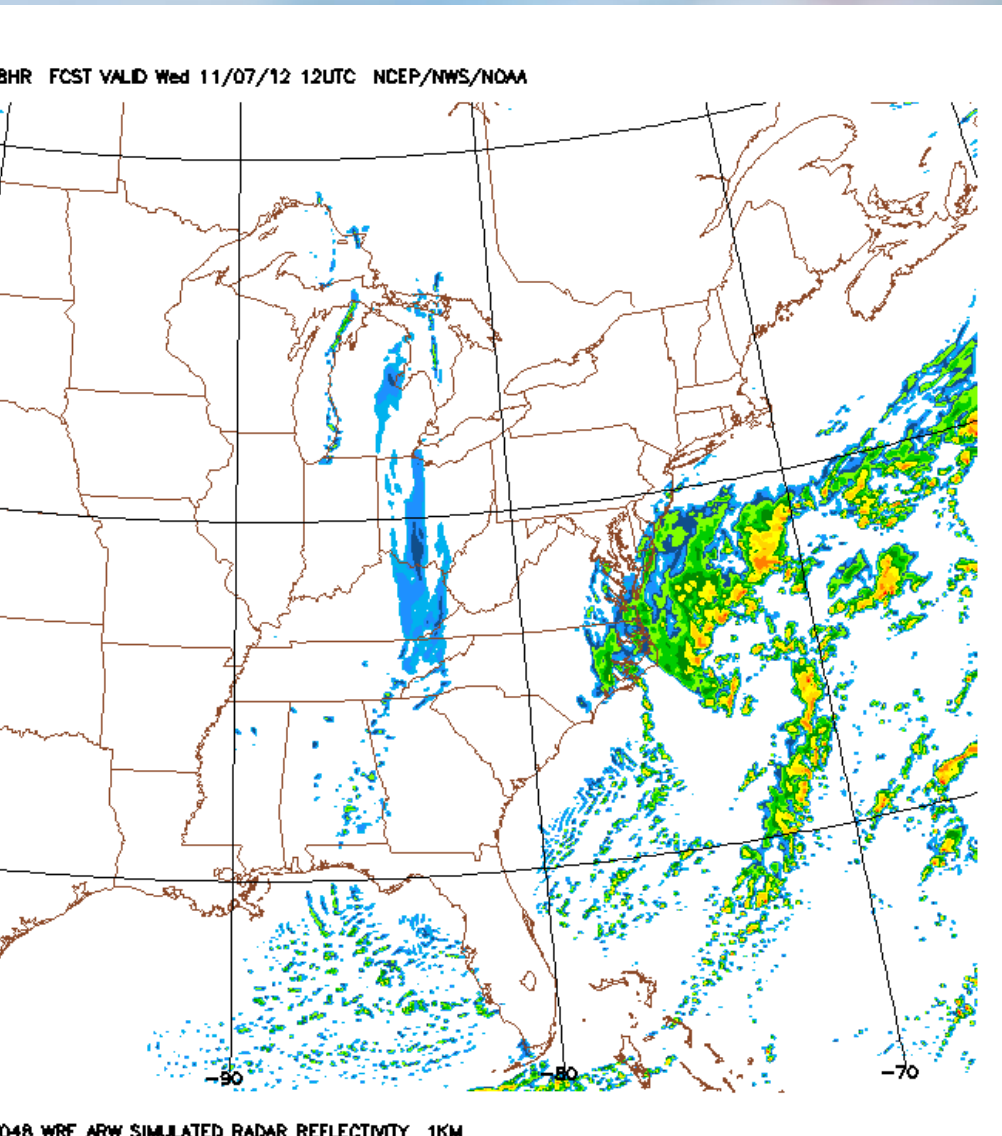
- Wind chill values will be in the 20s and 30s for much of the region during the height of the storm.
- These will be dangerous conditions for those working outdoors or still experiencing power outages due to Coastal Storm Sandy.

# Precipitation

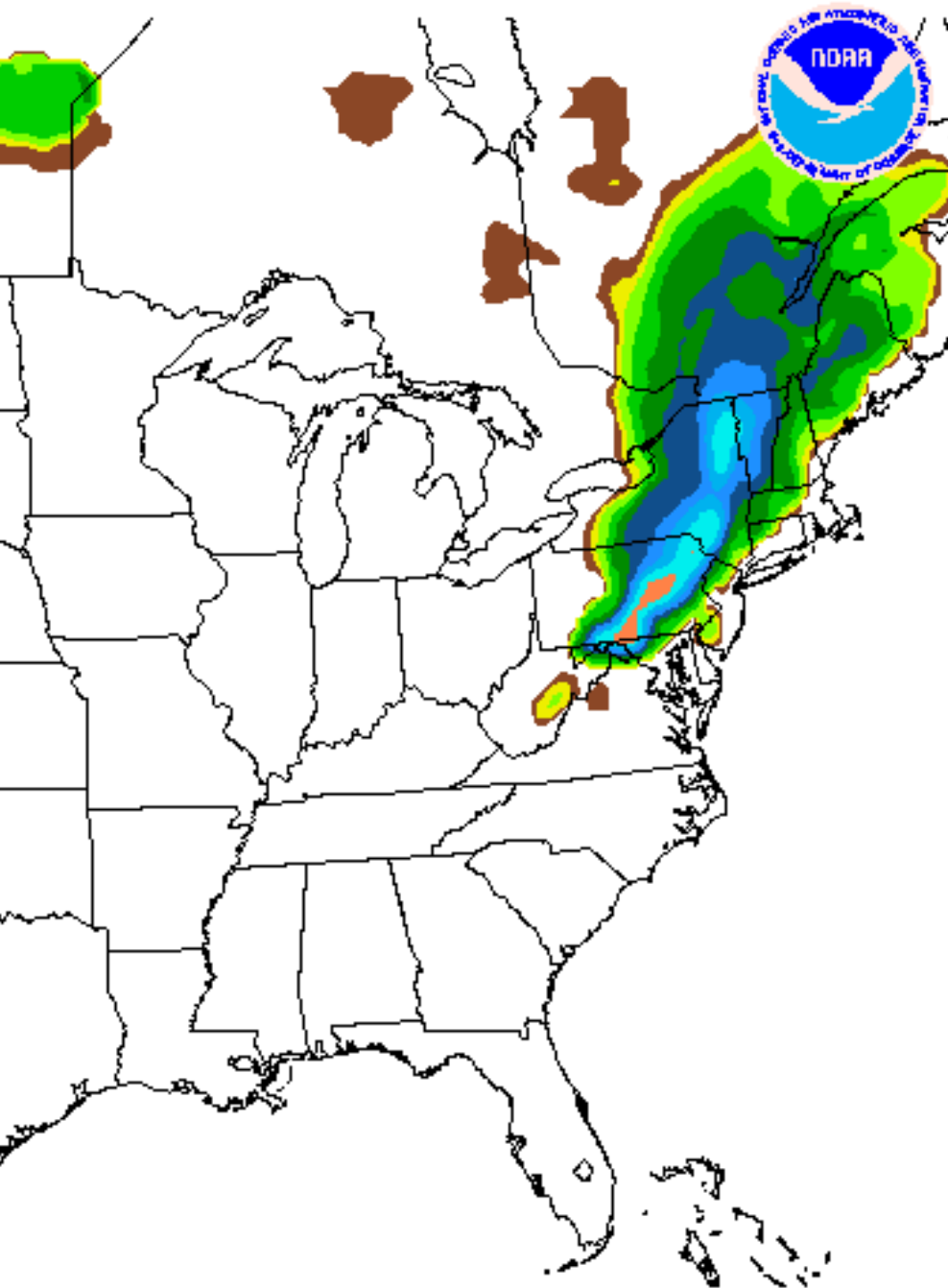


- Precipitation expected on Wednesday, November 7<sup>th</sup> into Thursday, November 8<sup>th</sup>.
- Mainly rain, but likely mixing with or changing to snow in northern NJ, east central PA.
- Rainfall amounts of one to two inches expected, highest amounts closest to the Atlantic Coast.

# Precipitation onset



- Graphic on left is forecast radar imagery for 7:00 AM Wednesday, November 7<sup>th</sup>.
- Precipitation will have started along NJ & DE coast and will be spreading north & west through the day.



# Snowfall

- Map on left shows threat area for snowfall.
- Amounts up to 4 inches possible in east central PA & northwest NJ.
- Amounts up to one inch possible in area just to the north & west of I-95 corridor.

# Questions?

- For the latest information, visit our website at [weather.gov](http://weather.gov)
- If you have any questions, please contact us.
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