Weather briefing
Strong Coastal Nor'easter
November 7th-8th, 2012

Prepared 130 PM EDT – Monday November 5, 2012

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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

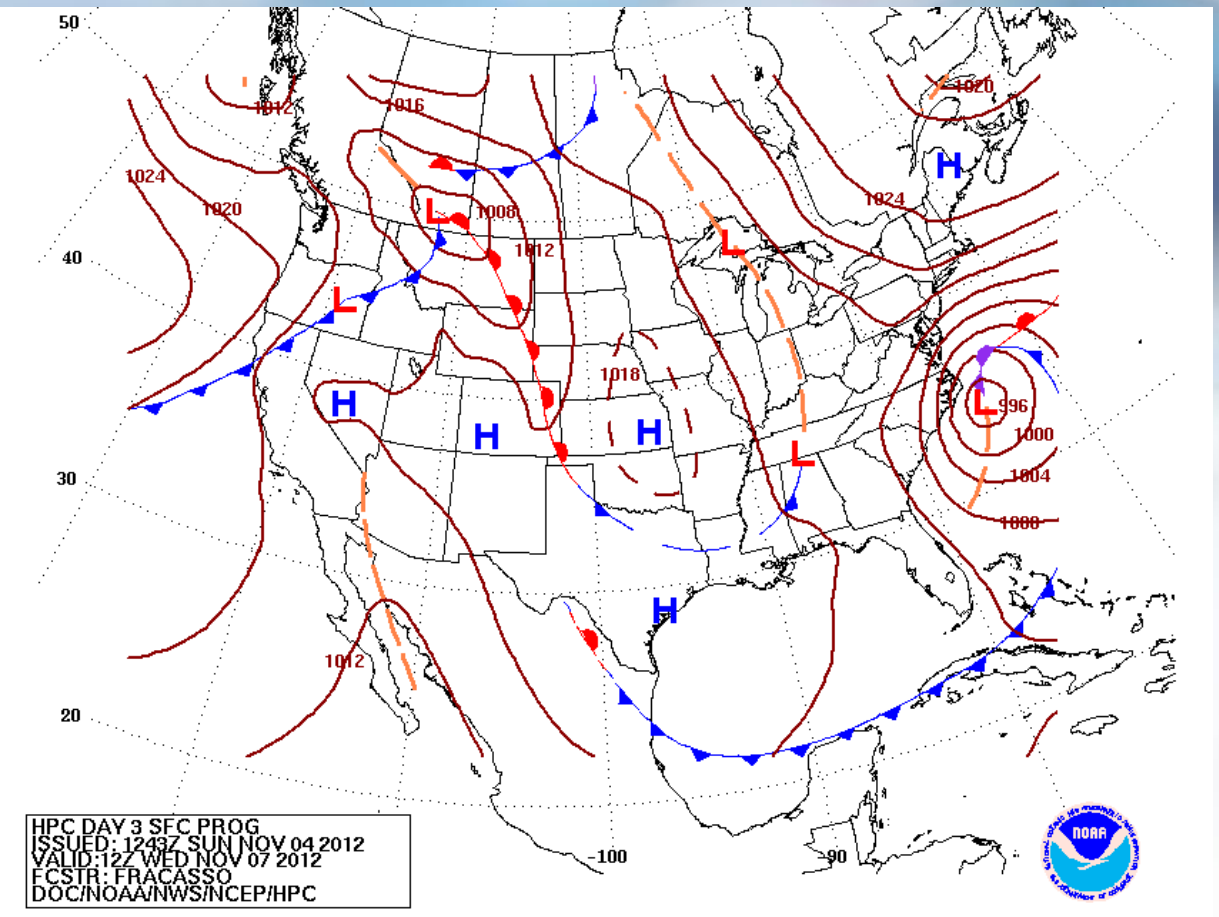
- Intensity of storm has increased, and it will move more slowly through the region.
- Higher wind gusts are expected, as well as more significant coastal flooding.

Executive Summary

• A strong coastal nor'easter will threaten the region in the November 7th-8th 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 7th 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.

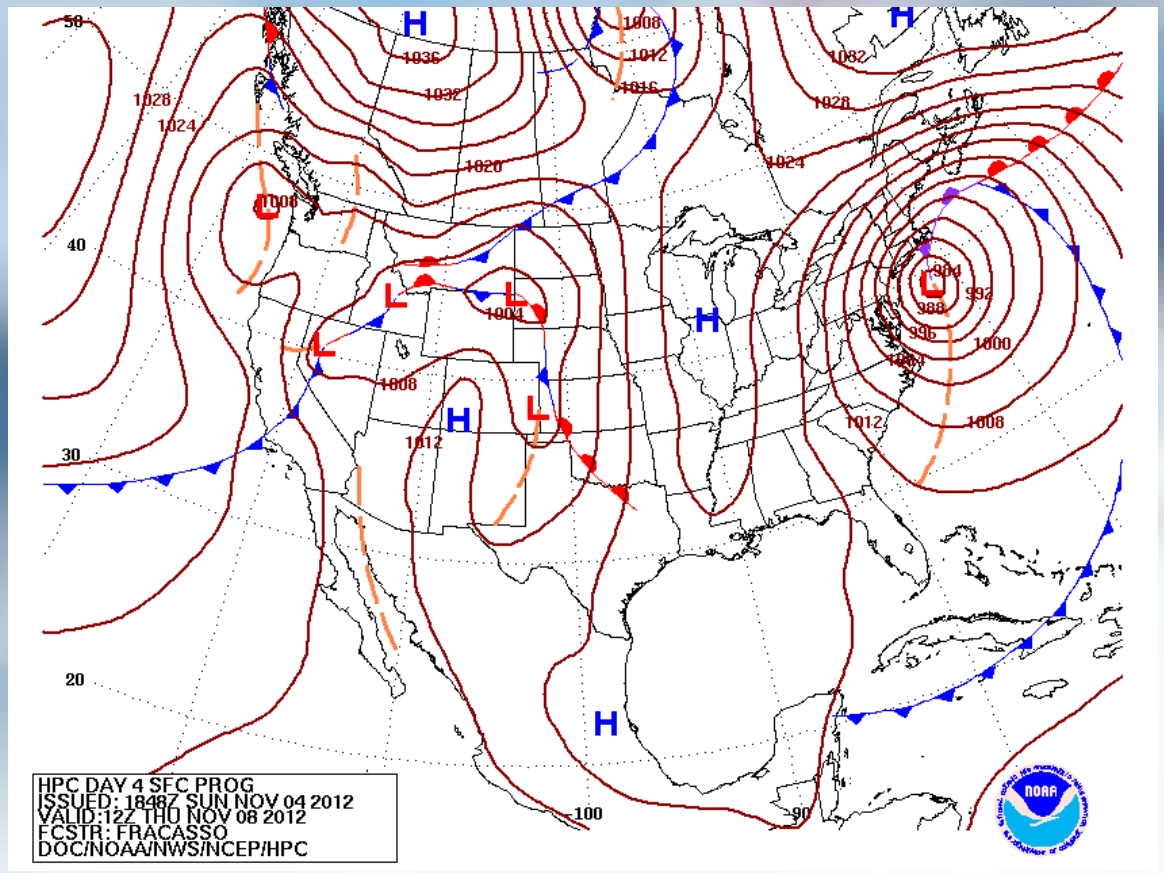
• Next briefing package will be issued by **300 PM on Tuesday, November 6th**.
• Monitor our latest weather forecast at **weather.gov/phi**. The website is not yet back to 100 % functionality, but much of it has been restored.

Weather map – 700 AM EST Wed Nov 7th



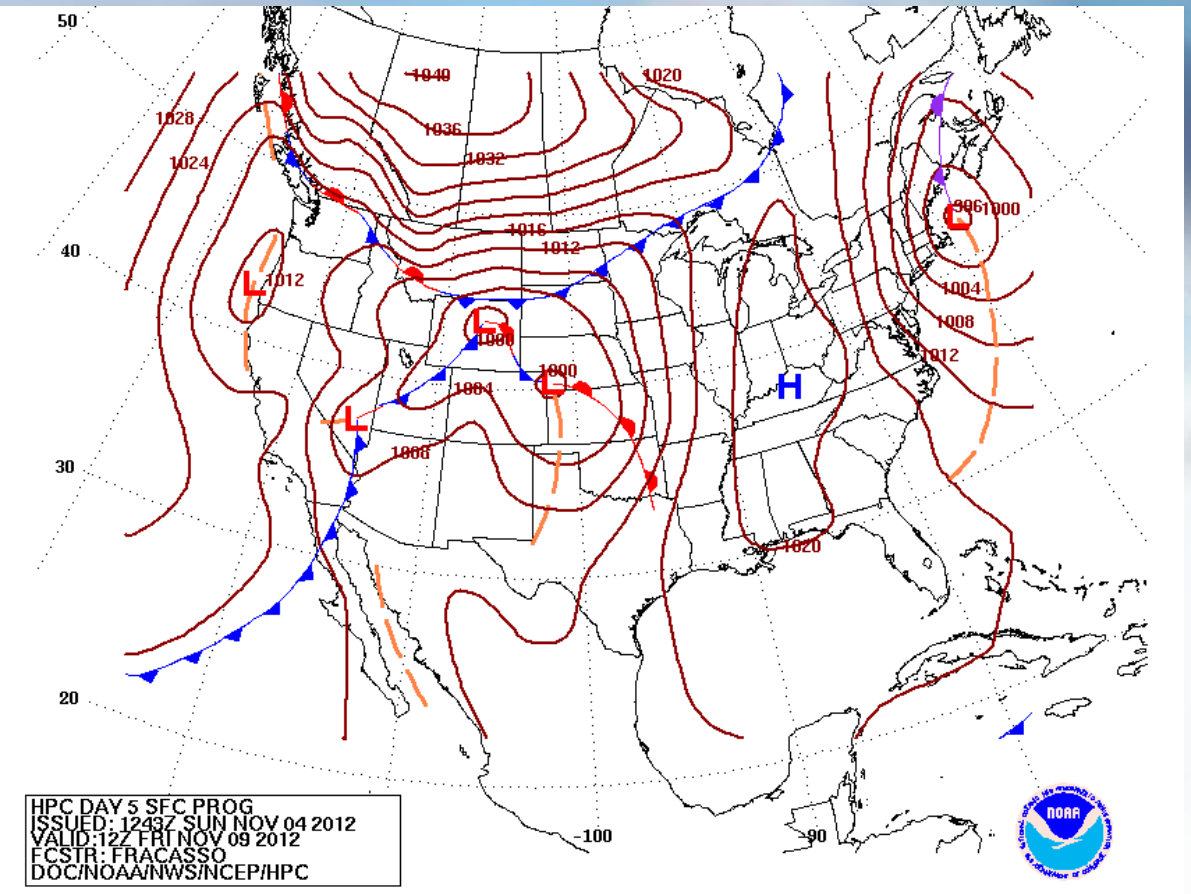
- Storm is intensifying and off the North Carolina coast.

Weather map – 700 AM EST Thu Nov 8th



- 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.

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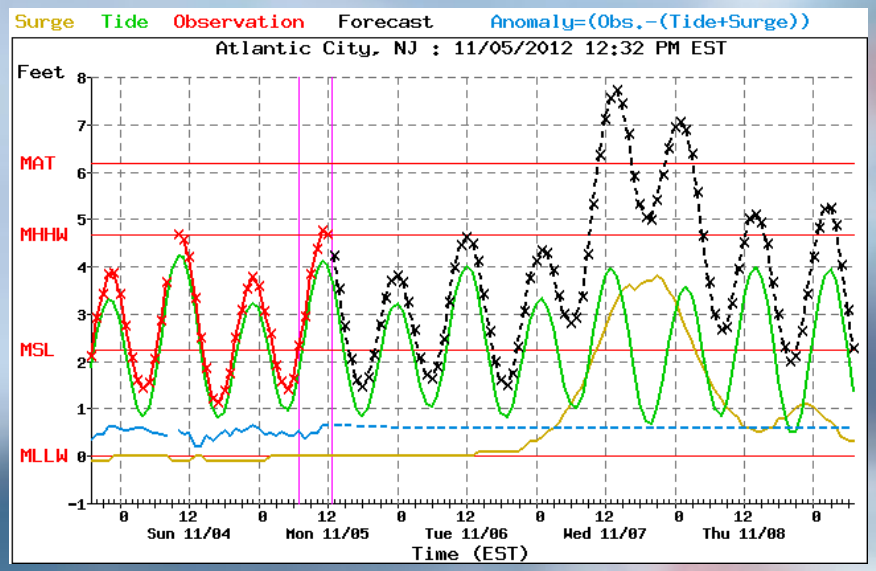
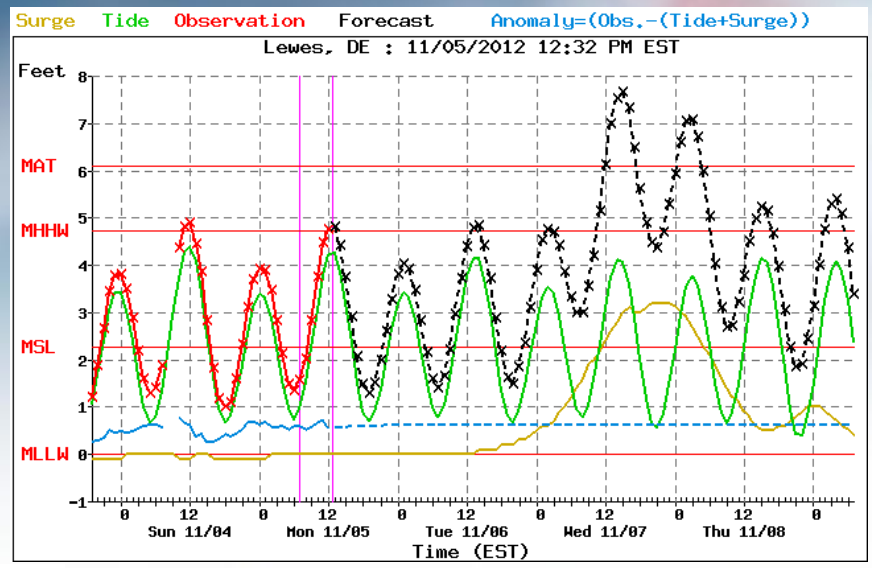
Coastal flooding threat





- 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**.

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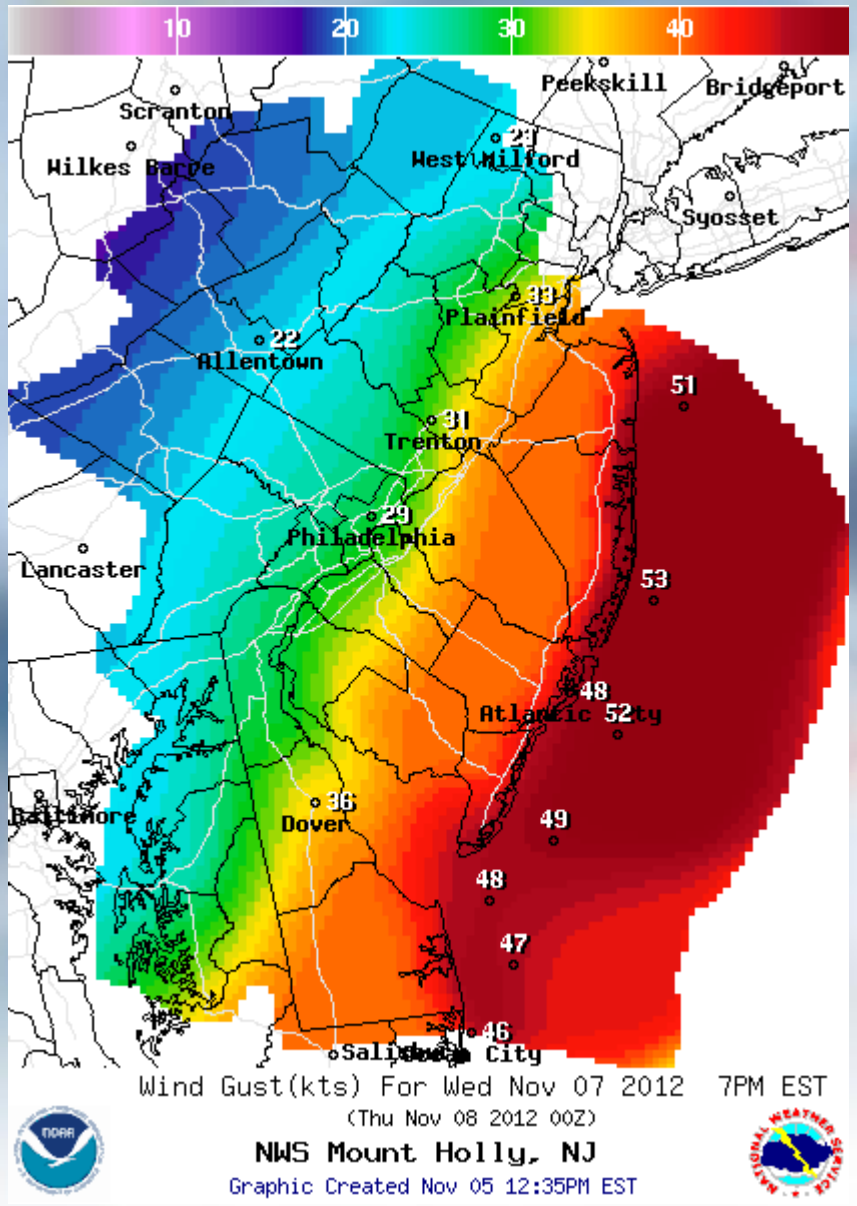
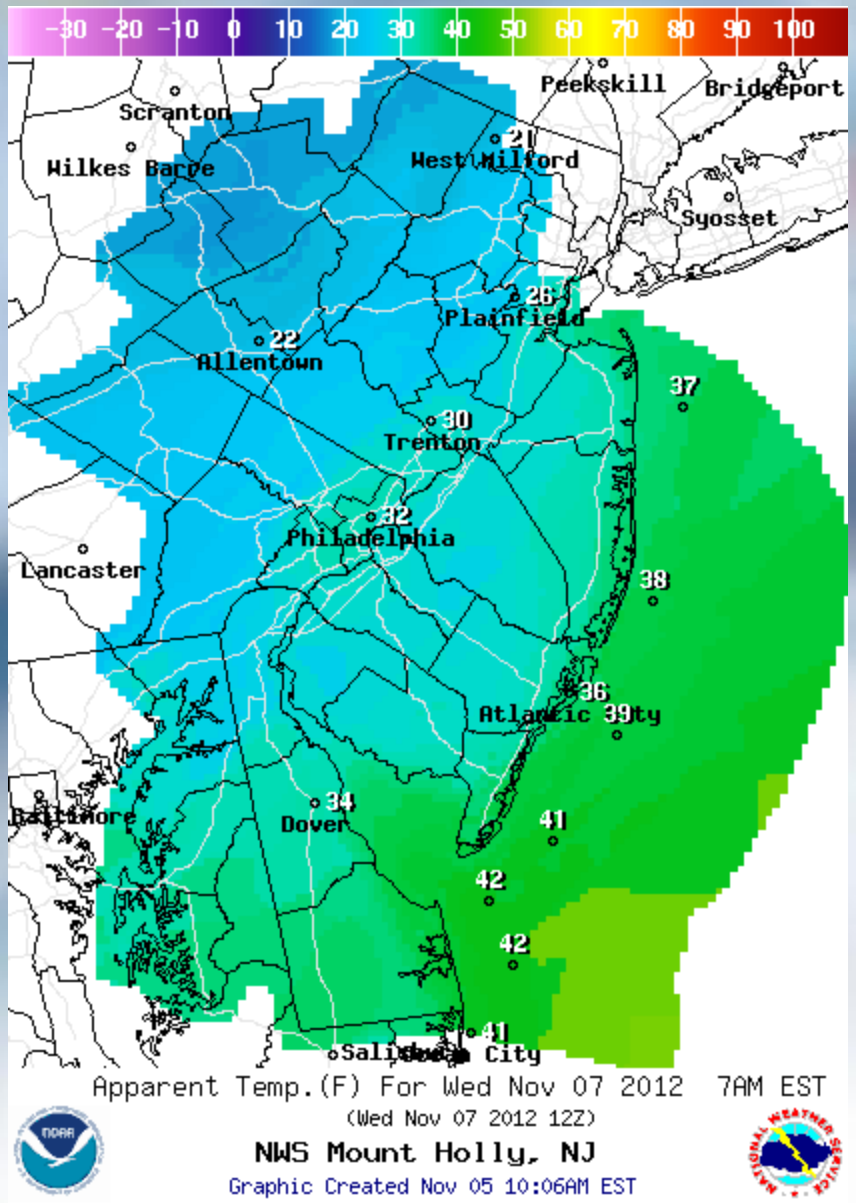
Things to keep in mind

- 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

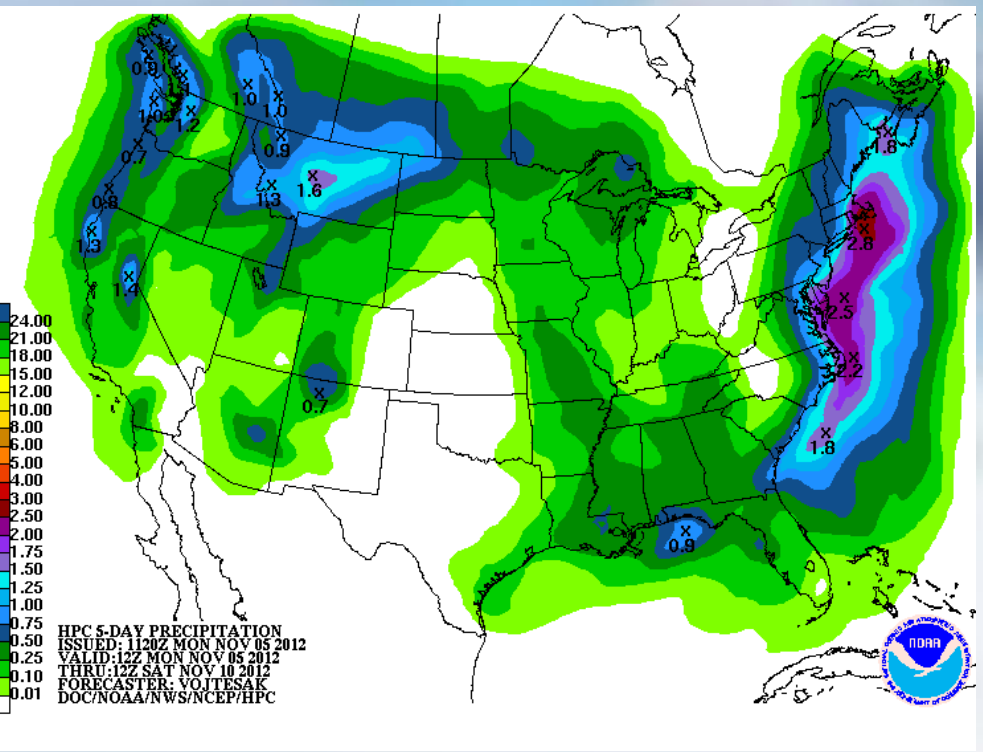
- Wind gusts 55 to 65 mph are likely with this storm. Strongest winds closest to the Atlantic Coast.
- Structures and trees weakened by Coastal Storm Sandy may be further damaged by winds of this magnitude.



Temperatures

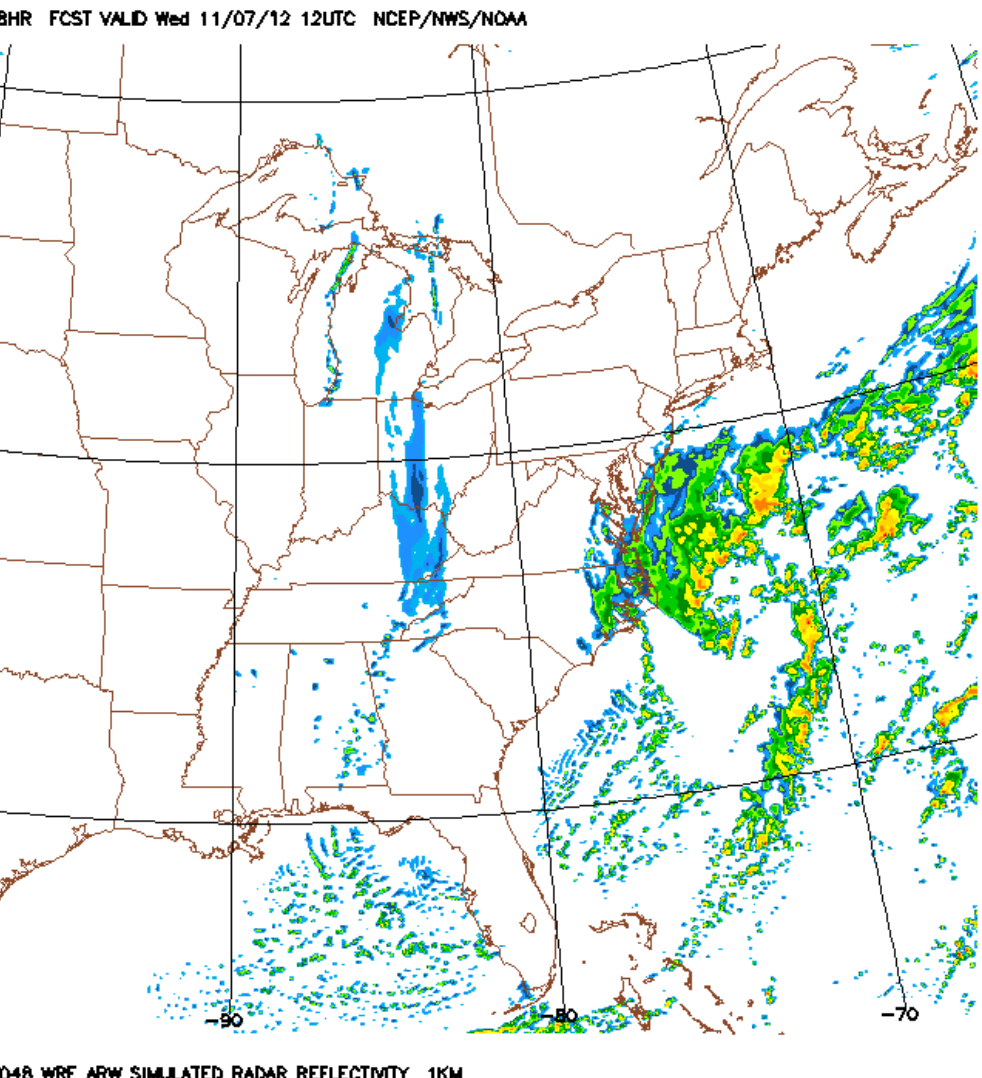
- Wind chill values will be in the 20s and 30s for much of the region during the height of the storm.
- These will be dangerous conditions for those working outdoors or still experiencing power outages due to Coastal Storm Sandy.

Precipitation

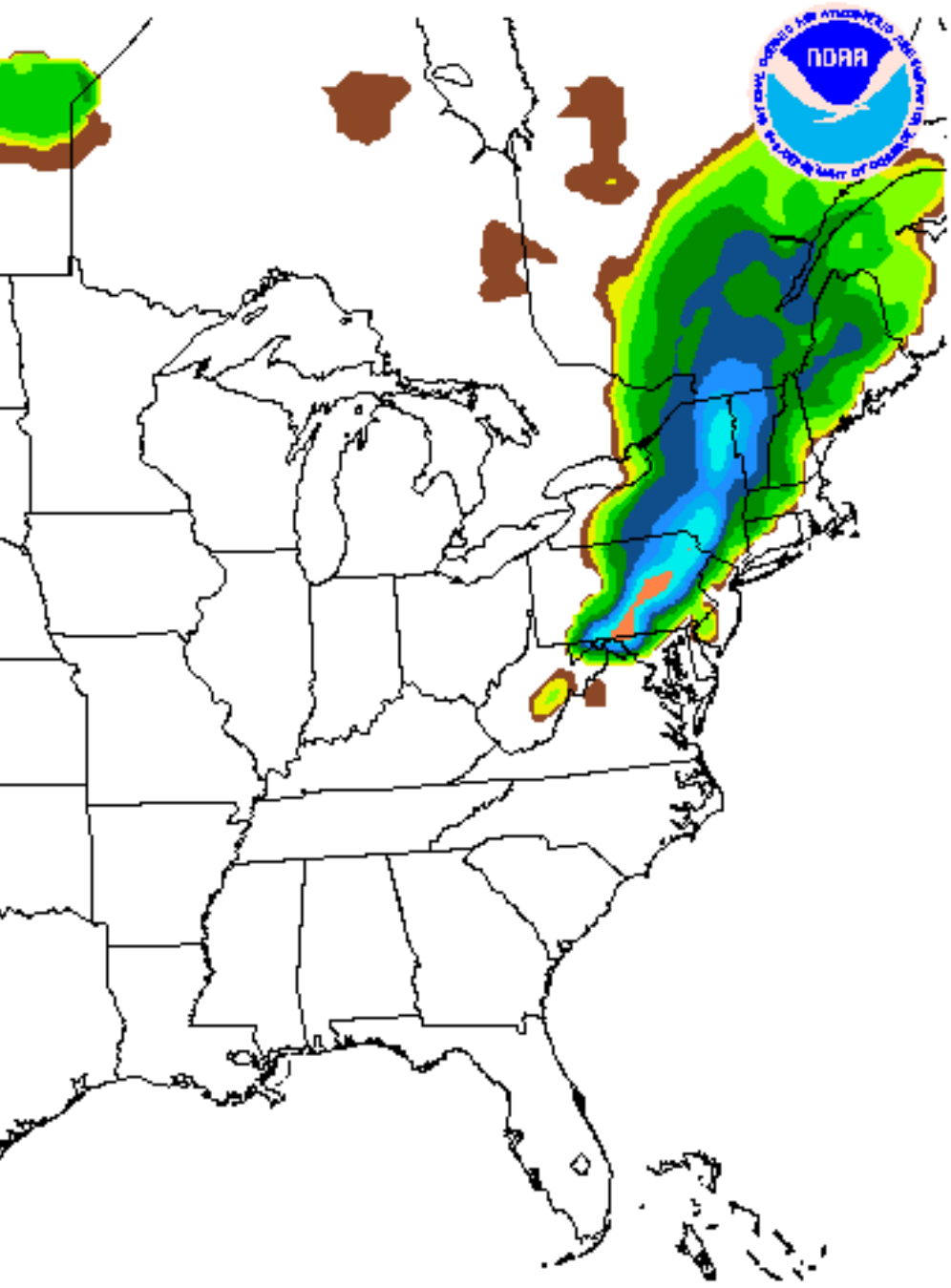


- Precipitation expected on Wednesday, November 7th into Thursday, November 8th.
- Mainly rain, but likely mixing with or changing to snow in northern NJ, east central PA.
- Rainfall amounts of one to two inches expected, highest amounts closest to the Atlantic Coast.

Precipitation onset



- Graphic on left is forecast radar imagery for 700 AM Wednesday, November 7th.
- 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.

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Questions?

- For the latest information, visit our website at weather.gov
- If you have any questions, please contact us.
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