



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

Prepared 1215 PM EDT – Wednesday November 7, 2012

Gary Szatkowski

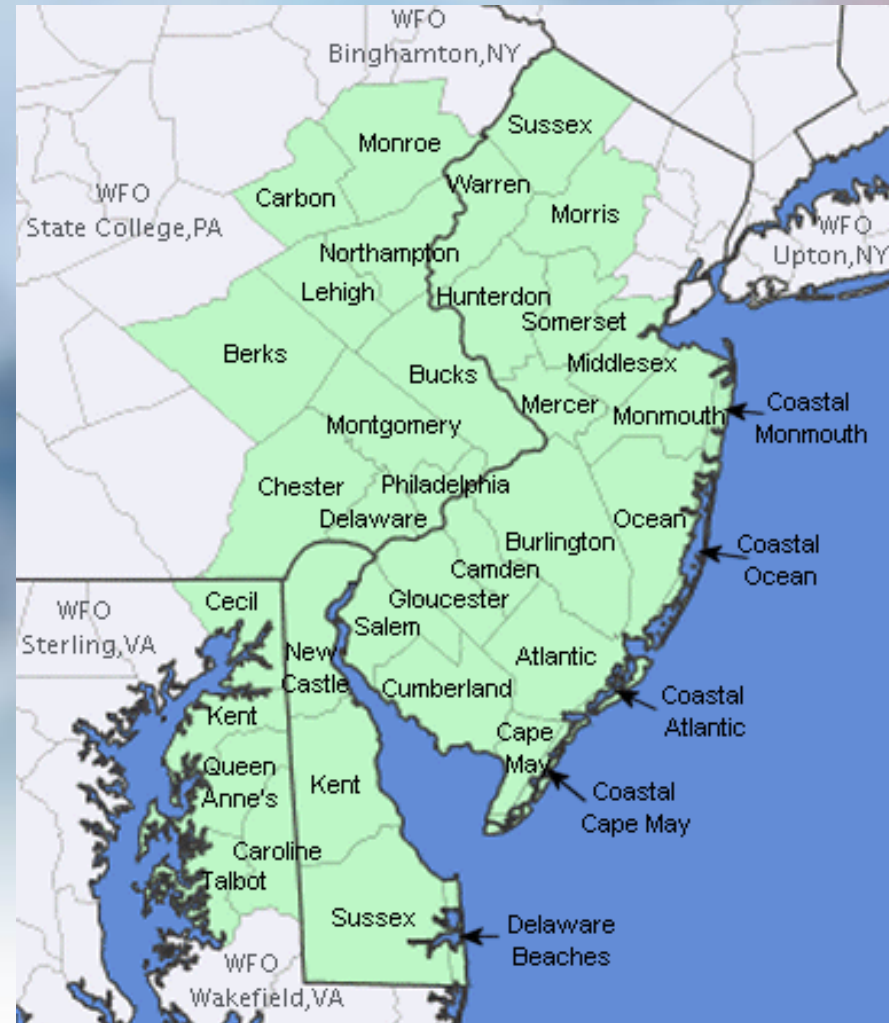
NOAA's National Weather Service
Philadelphia/Mt. Holly NJ Forecast Office

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



Purpose of Briefing

- Briefing #6 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

- Forecast confidence has increased over the past 24 hours.
- Threat from wintry weather has increased. Snowfall totals over 3 inches are possible.
- Warnings for this event due to high winds, coastal flooding & wintry precipitation are now in effect.
- Monitor our website for the latest forecast & warning information
 - <http://www.erh.noaa.gov/phi/>



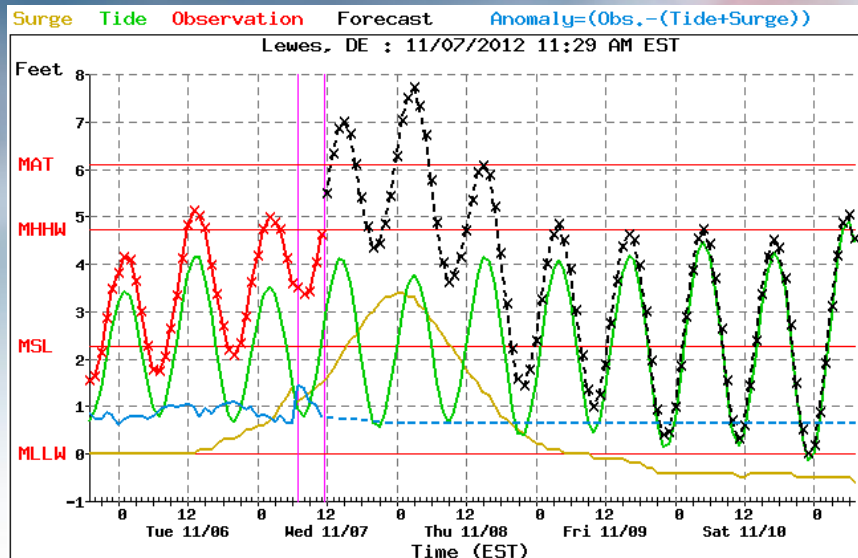
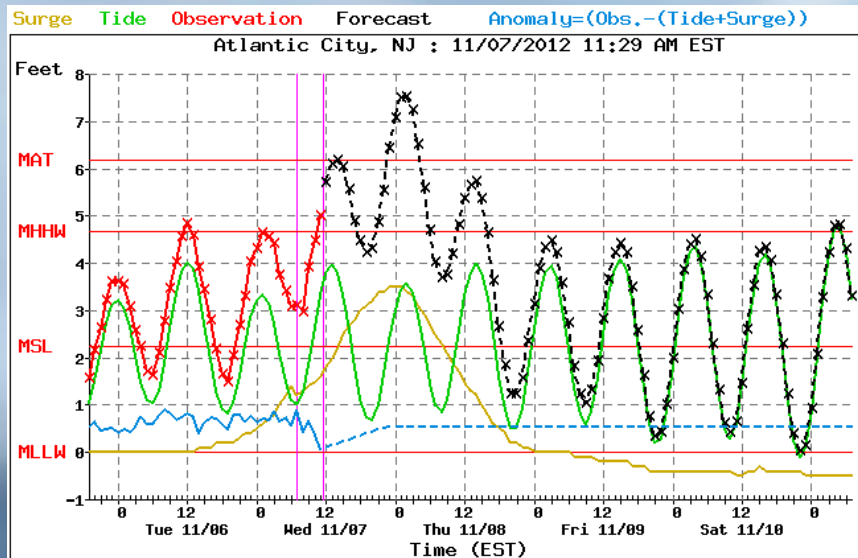
Executive Summary

- A strong coastal nor'easter will affect the region on November 7th & 8th.
- Storm force wind gusts (55-65 mph) are likely during this storm.
- Moderate coastal flooding is likely during this storm; 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 snowfall with this storm; some locations may see over 3 inches.

- Next briefing package will be issued by **Noon on Thursday, November 8th.**
- Now that the storm is upon us, you need to monitor the latest forecast & warning information at **<http://www.erh.noaa.gov/phi/>**
- Forecasts will be updated every three hours throughout the event.



Coastal flooding threat



- **Moderate coastal flooding is very likely** with this storm along the Atlantic coast of New Jersey & Delaware, as well as on the Delaware Bay.
- Minor coastal flooding is possible on the Chesapeake Bay.
- High tides Wednesday & Wednesday night are the ones to watch.
- Waves in surf zone along the Atlantic Coast will be 7 to 10 feet. Moderate beach erosion is likely; **major beach erosion is possible.**

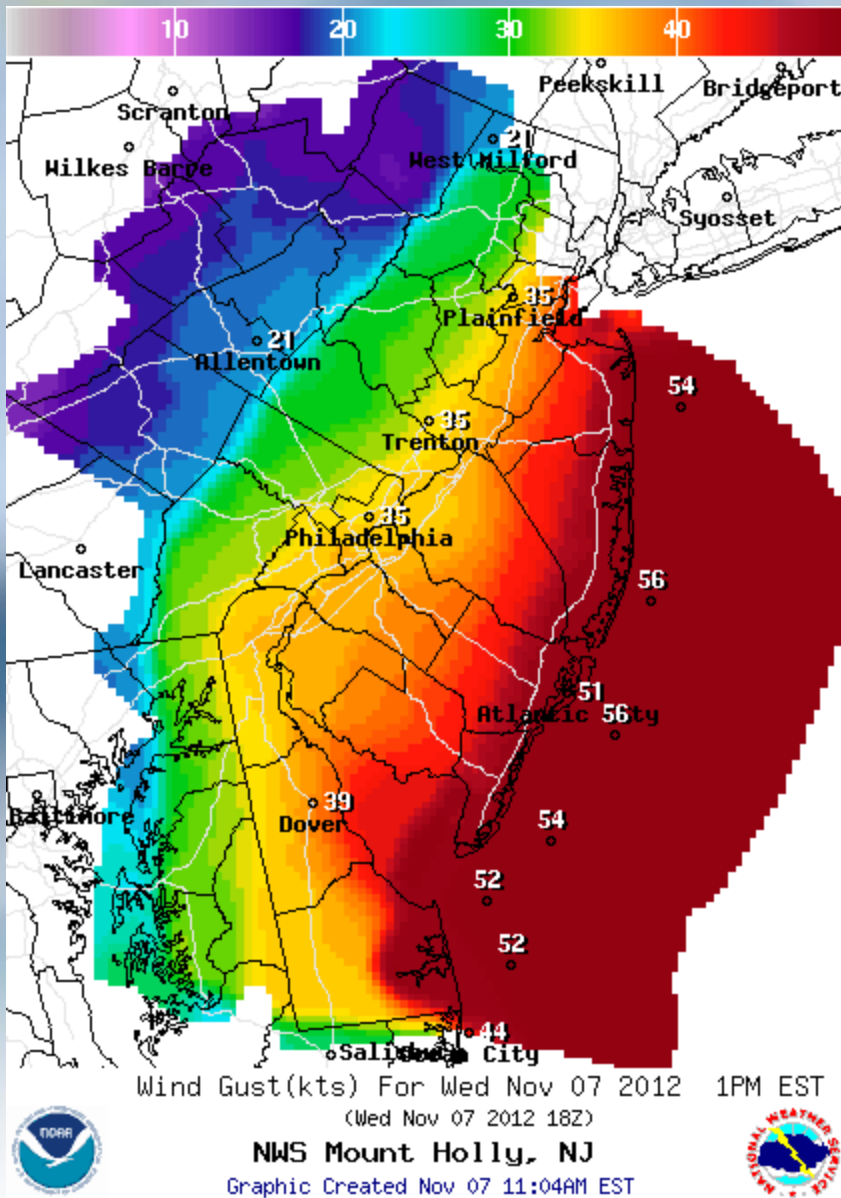
Things to keep in mind

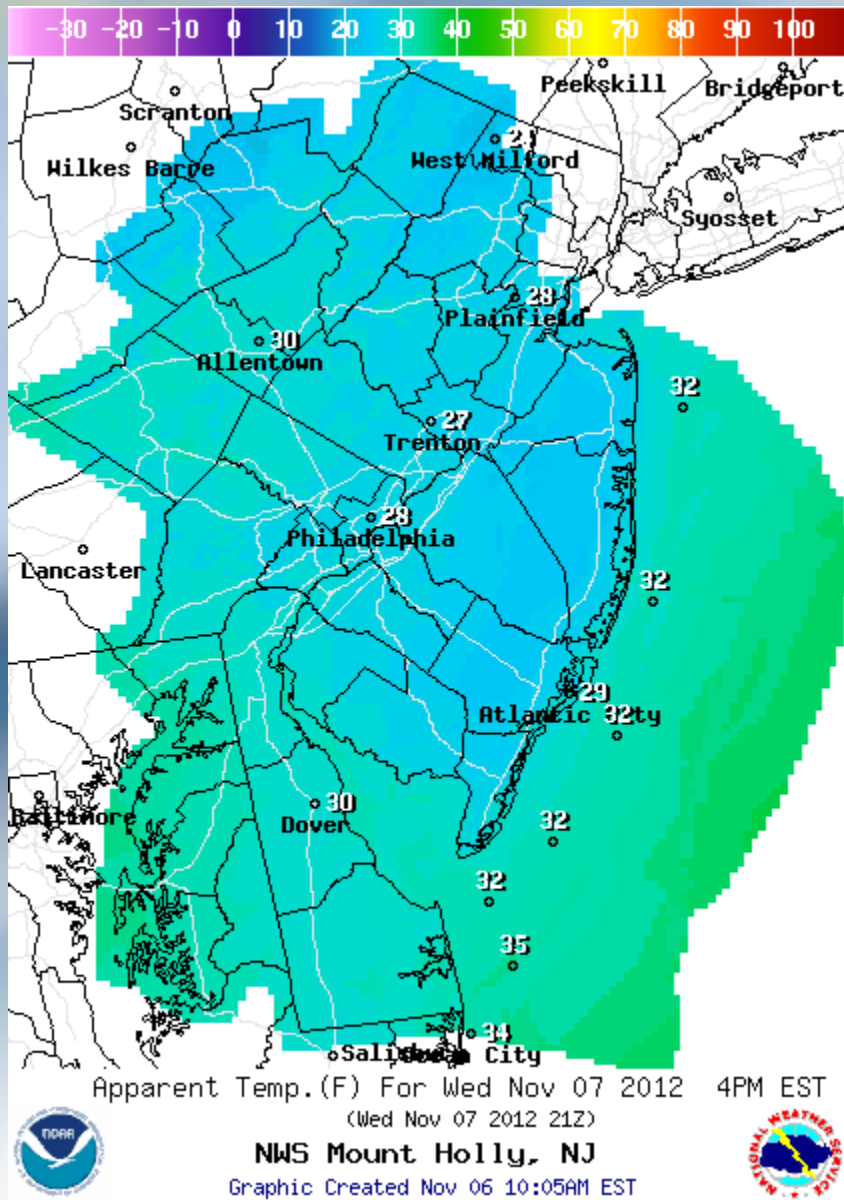
- Impact from coastal flooding and strong wave action will be worsened due to effects of Coastal Storm Sandy.
- Dunes have been weakened or washed away; bulkheads damaged or destroyed.
- Coastal storm defenses have been seriously compromised.
- Err on side of caution when dealing with this nor'easter.



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.

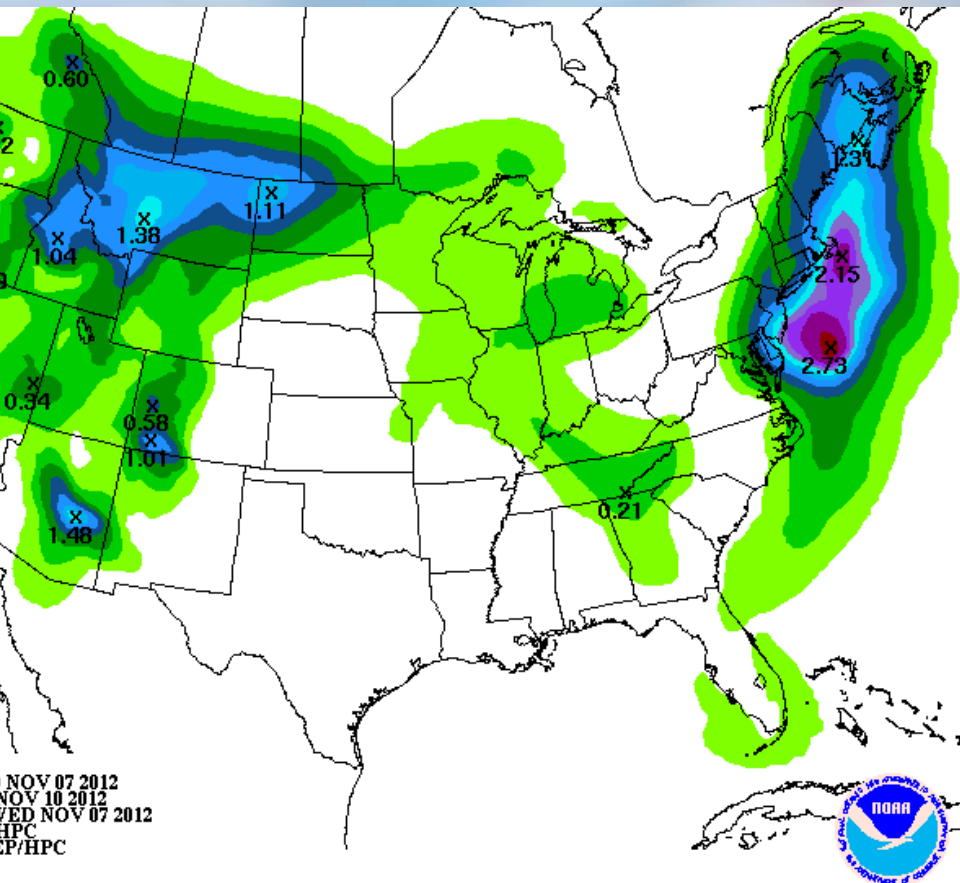




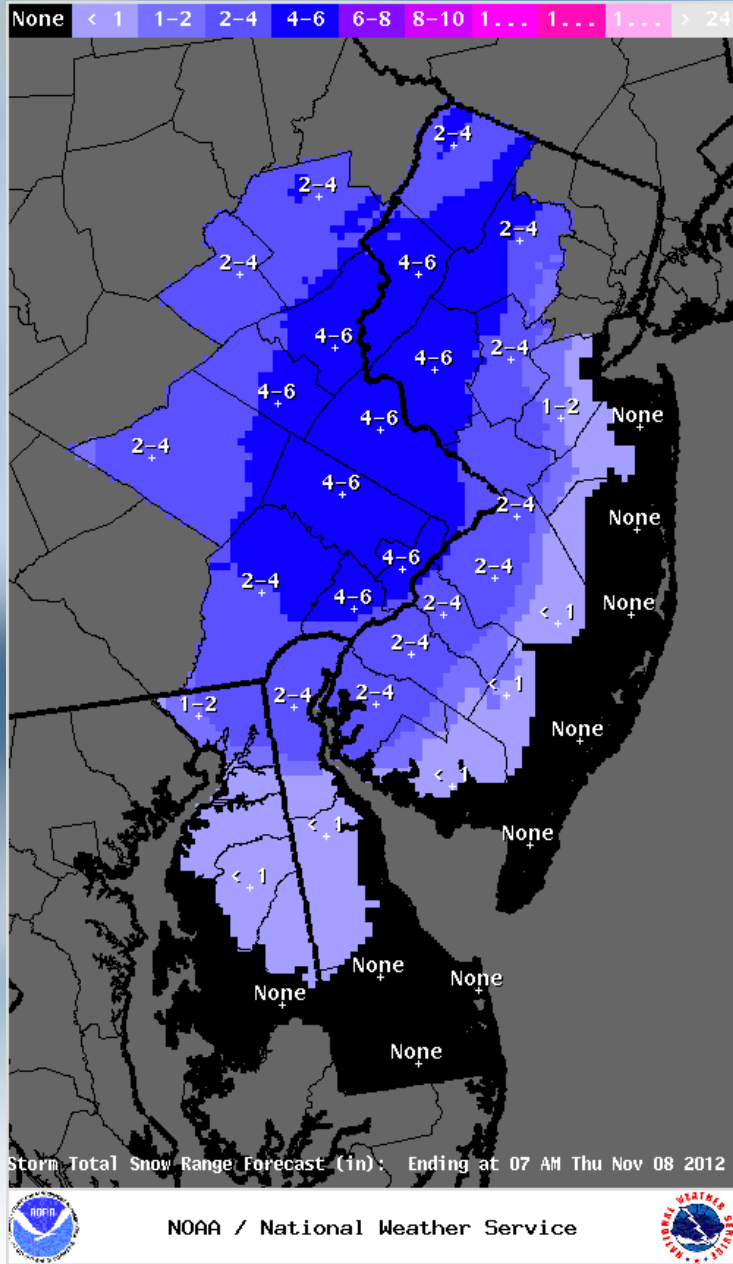
Temperatures

- 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.
- Rain, but likely mixing with or changing to snow over much of the region.
- Rainfall amounts of one to two inches expected, highest amounts closest to the Atlantic Coast.



Snowfall

- Map on left shows snowfall accumulations for the region.
- With temperatures mainly above freezing, snow will more likely accumulate on grassy surfaces than pavement.
- However, snow may also stick to trees & power lines, potentially causing additional problems.
- Visibilities may be reduced particularly during this evening's commute.

Questions?

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