

Prolonged Coastal Storm October 9th-12th, 2013

Prepared 400 PM EDT – Tuesday, October 8th, 2013

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NOAA's National Weather Service

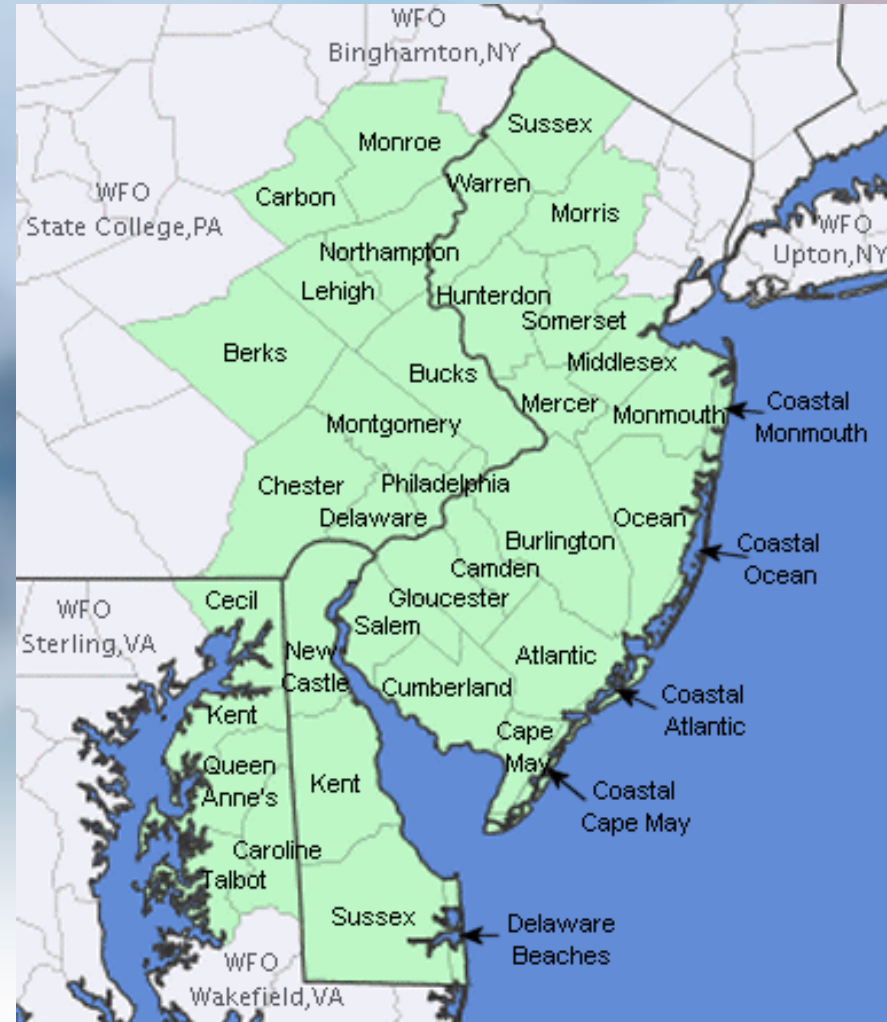
Philadelphia/Mt. Holly NJ Forecast office

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



Purpose of Briefing

- Briefing #1 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



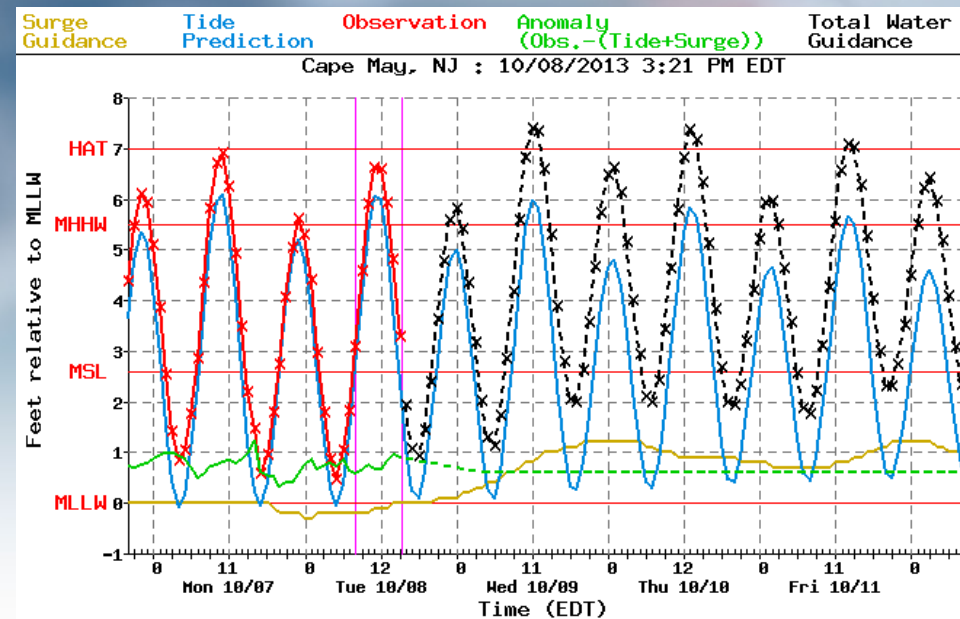
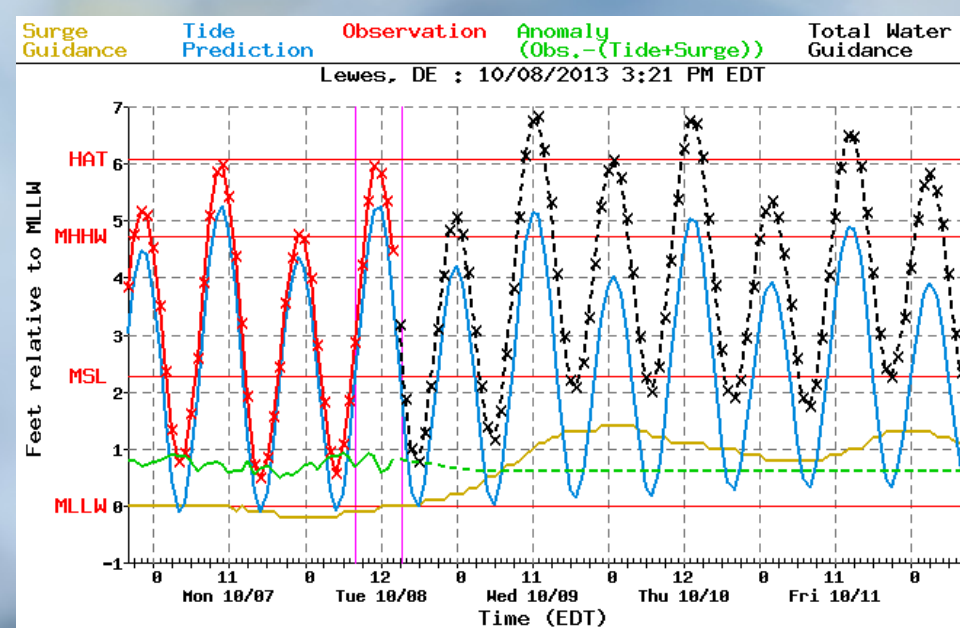
Executive Summary

- A slow-moving coastal storm will develop and then linger near the mid-Atlantic States through the next several days. This storm is forming in part from the remnants of Tropical Storm Karen.
- Repeated rounds of minor coastal flooding at the time of high tide are likely starting on Wednesday. Some locations may reach moderate coastal flooding levels later in the week.
- Gale force wind conditions are likely along portions of the Atlantic Coast. These prolonged northeast winds will cause seas to build up to 12 feet offshore, with waves in the surf zone building to 6 to 8 feet.
- Minor to moderate beach erosion is possible during the times of high tide due to the coastal flooding and heavy wave action.
- Rainfall amounts of 1 to 3 inches are expected, with the heaviest amounts closest to the coast.
- Monitor our website for updated information.
 - <http://www.erh.noaa.gov/phi/>
- The next briefing package will be issued by 400 PM Wednesday, October 9th.



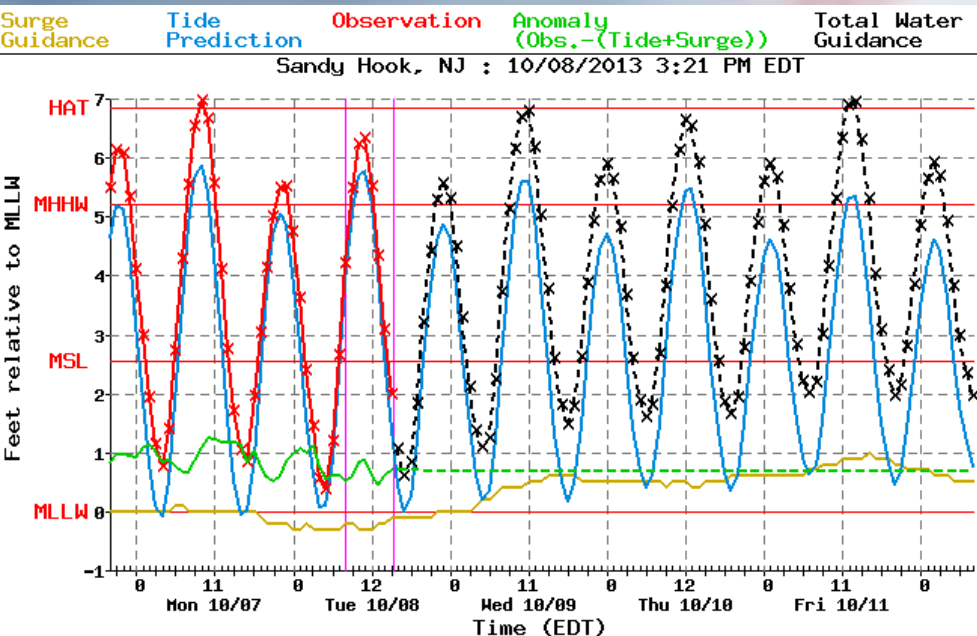
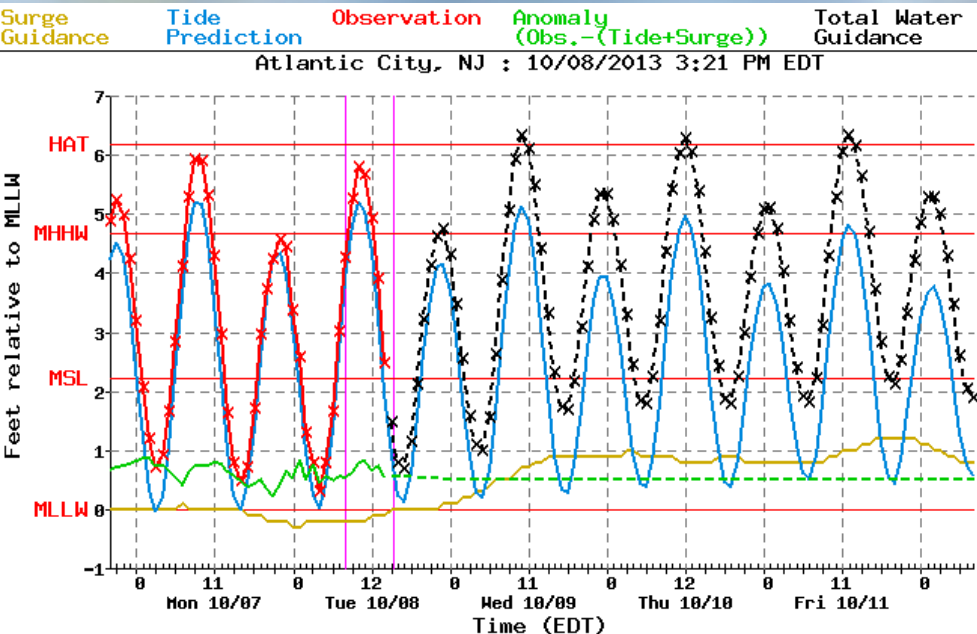
Coastal Flooding

- The strongest impacts of the storm will be felt in Delaware & Southern NJ. **Minor coastal flooding is very likely.** Moderate coastal flooding is possible. **The high tides around midday are the ones to watch the most.**



Coastal Flooding

- As you go north along the NJ coast, minor coastal flooding is possible, but the threat of moderate coastal flooding lessens.

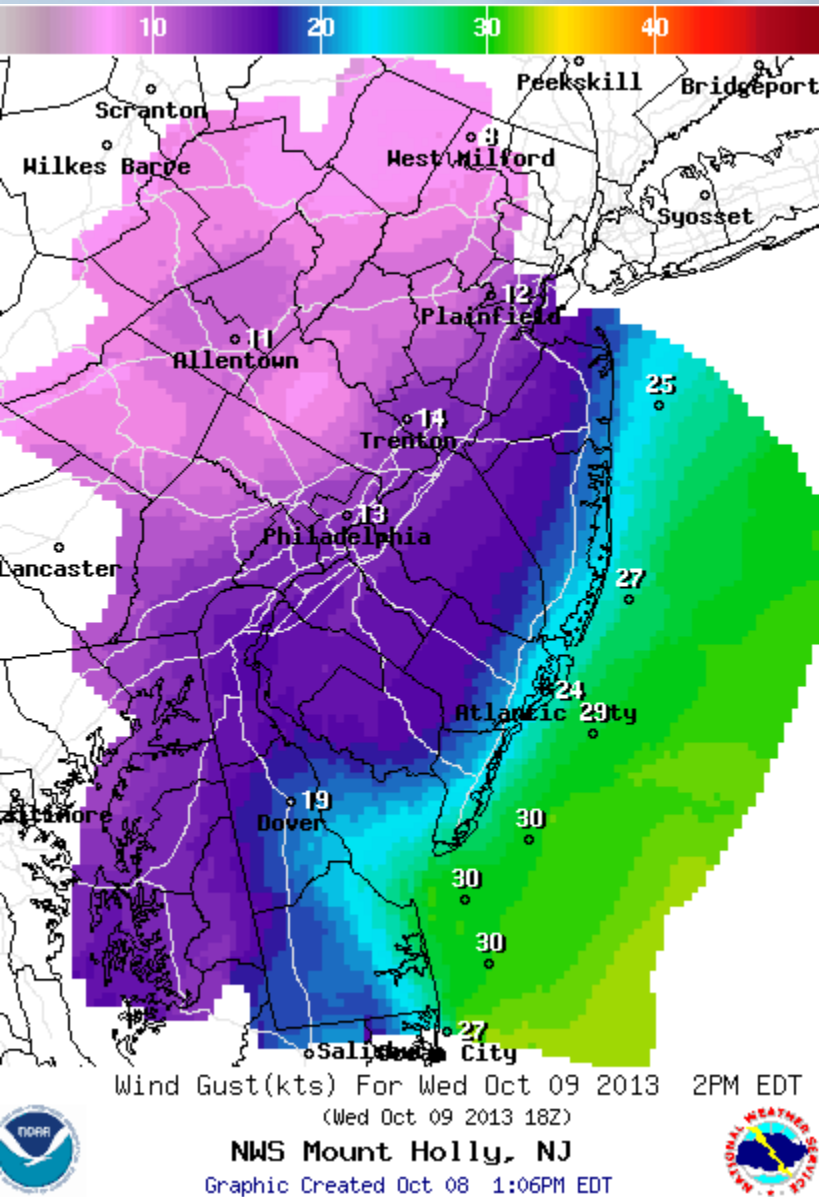


Things to keep in mind

- **Gale force wind conditions are likely along portions of the Atlantic Coast.** These prolonged northeast winds will cause seas to build up to 12 feet offshore, with **waves in the surf zone building to 6 to 8 feet.**
- **Minor to moderate beach erosion is possible during the times of high tide due to the coastal flooding and heavy wave action.**
- Impacts from this storm will worsen if it intensifies more than expected or comes closer to the coast. Keep an eye on the forecast.
- Strong onshore flow is expected to last into the weekend, even after the storm impacts lessen. This means a prolonged period of heavy surf for the NJ & DE coasts.

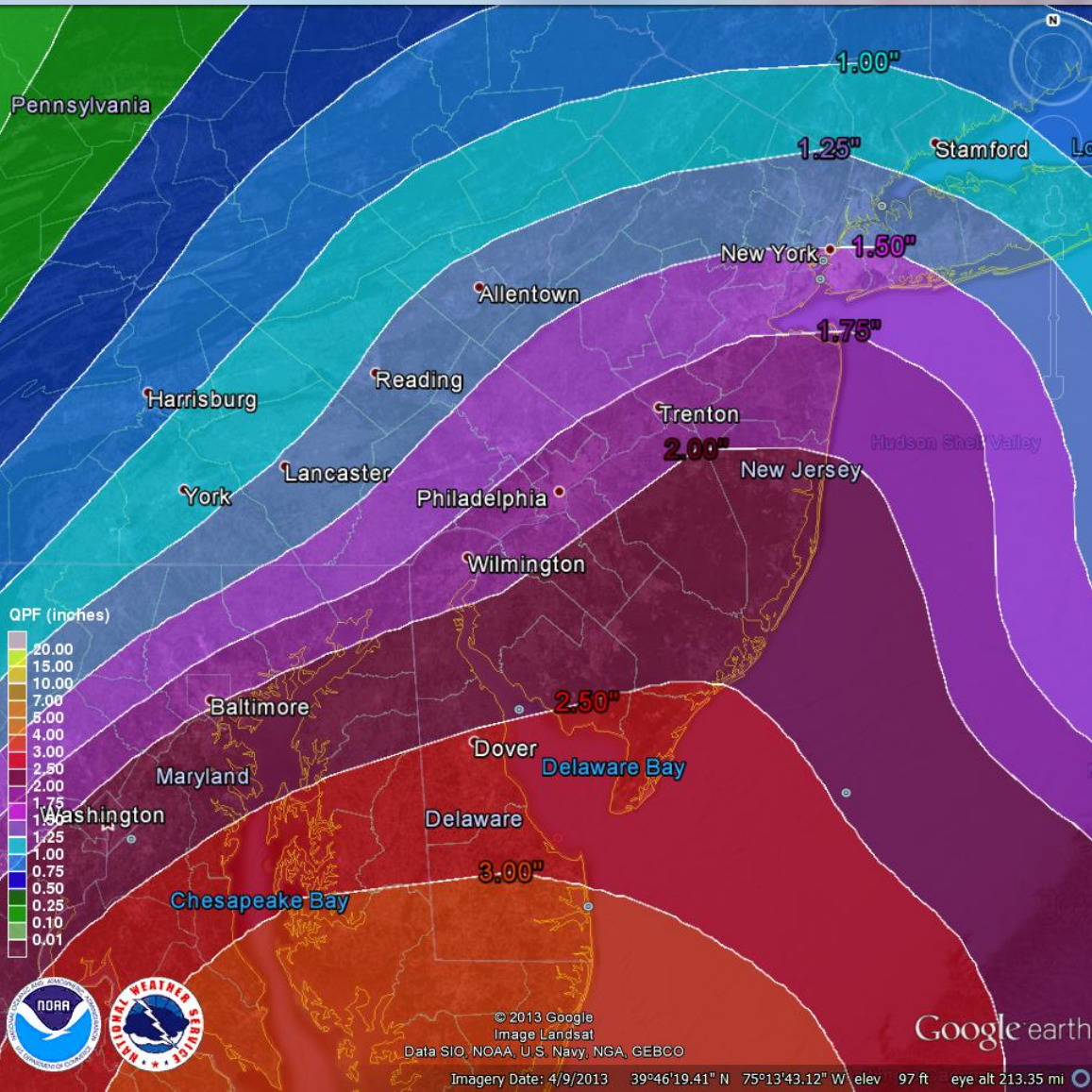


Winds



- Winds will gust over 35 miles an hour near the Atlantic Coast.
- Wind gusts inland will be generally in the 15 to 30 mile an hour range, with the higher values closer to the coast.

Rainfall



- Rainfall totals of 1 to 3 inches are forecast, with heaviest amounts closer to the coast and as you head south.
- **Heavy rainfall at the time of high tide will worsen the coastal flooding impacts.**

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
- 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
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