

Prolonged Coastal Storm October 9th-12th, 2013

Prepared 100 PM EDT – Wednesday, October 9th, 2013

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NOAA's National Weather Service

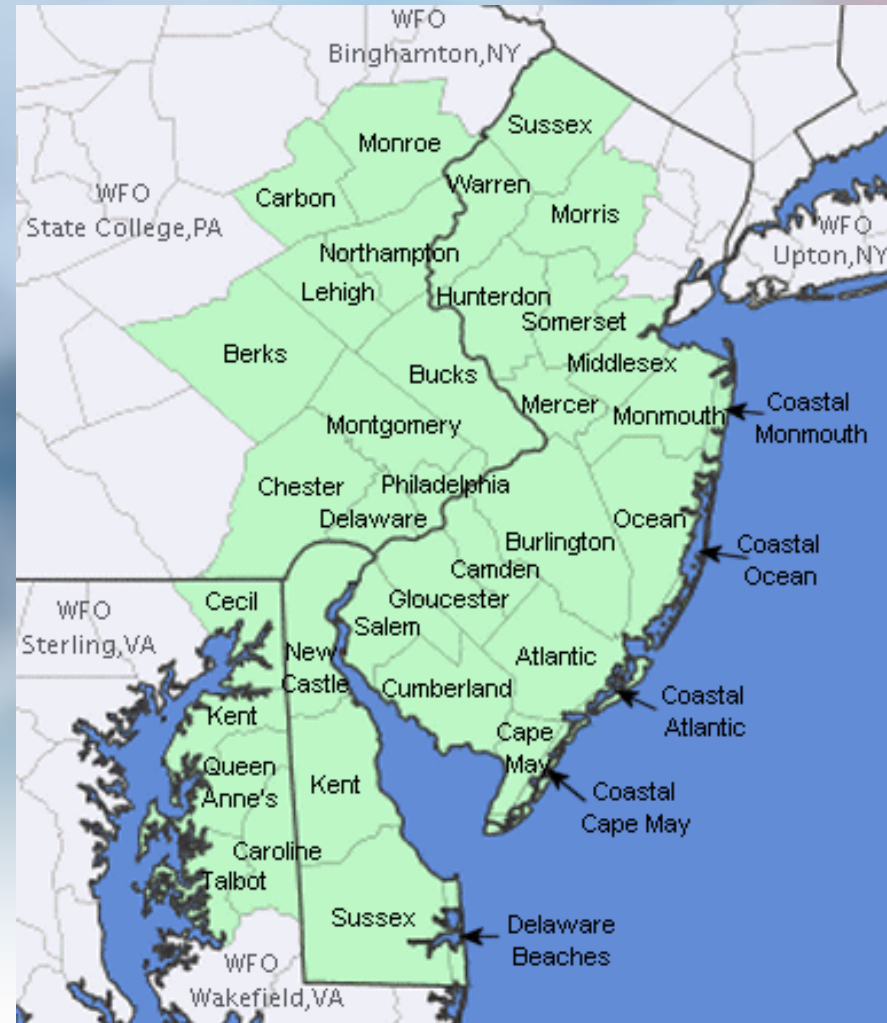
Philadelphia/Mt. Holly NJ Forecast office

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



Purpose of Briefing

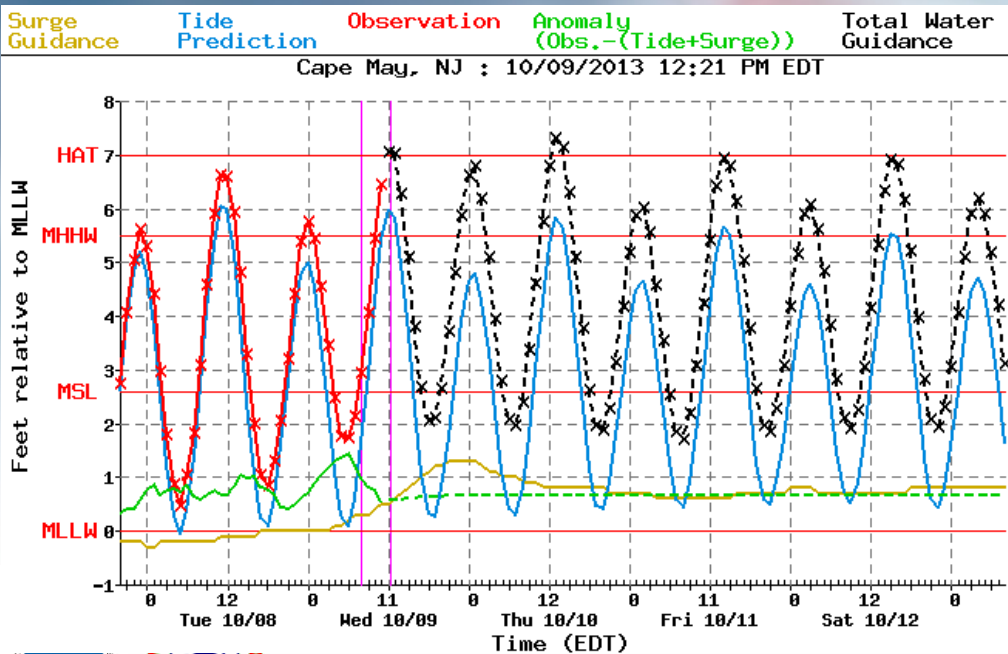
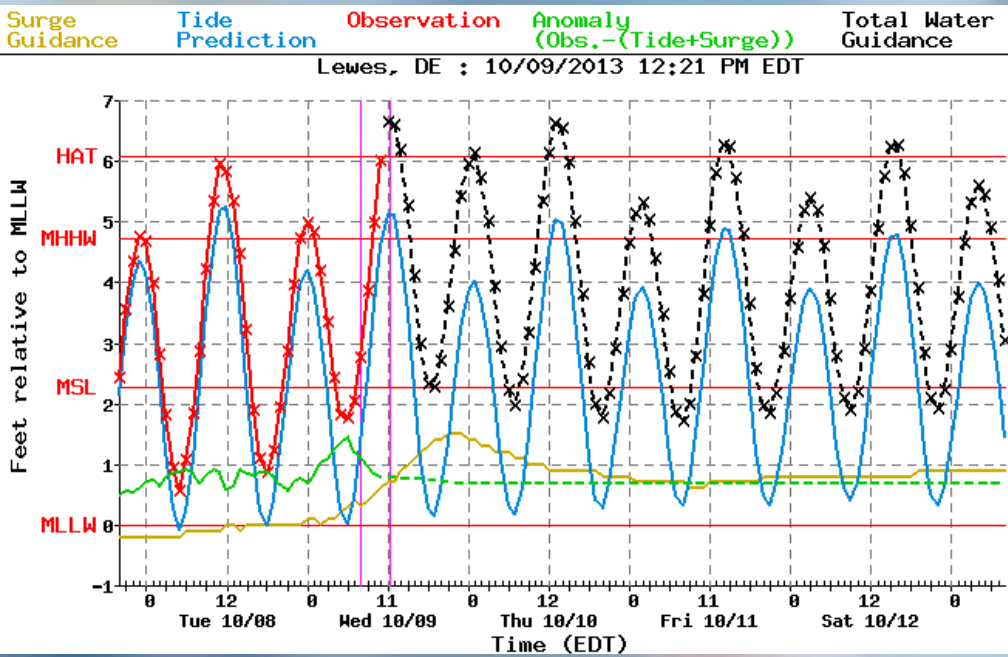
- Briefing #2 for event
- Promote situational awareness for emergency management community & partners
- Provide guidance for planning efforts
- Briefing applies to Mount Holly service area – shaded in green on map



Executive Summary

- A slow-moving coastal storm will 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 today (Wednesday). Some locations may reach moderate coastal flooding levels on Thursday & Friday this week. Areas impacted are the Atlantic coastlines of NJ & DE, as well as the DE Bay.
- 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 2 to 4 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 Thursday, October 10th.

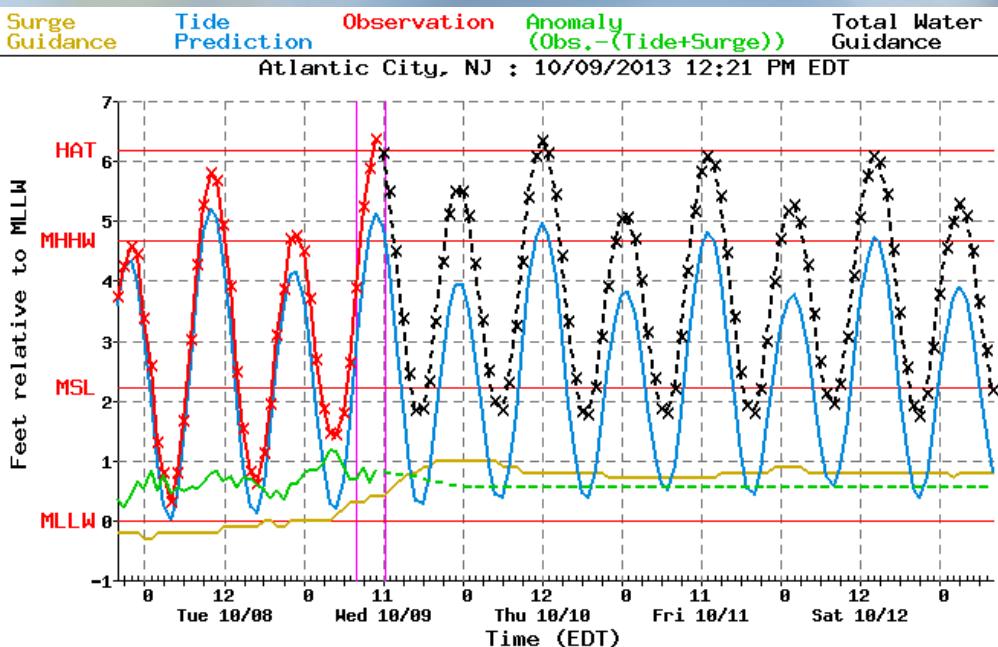




Coastal Flooding

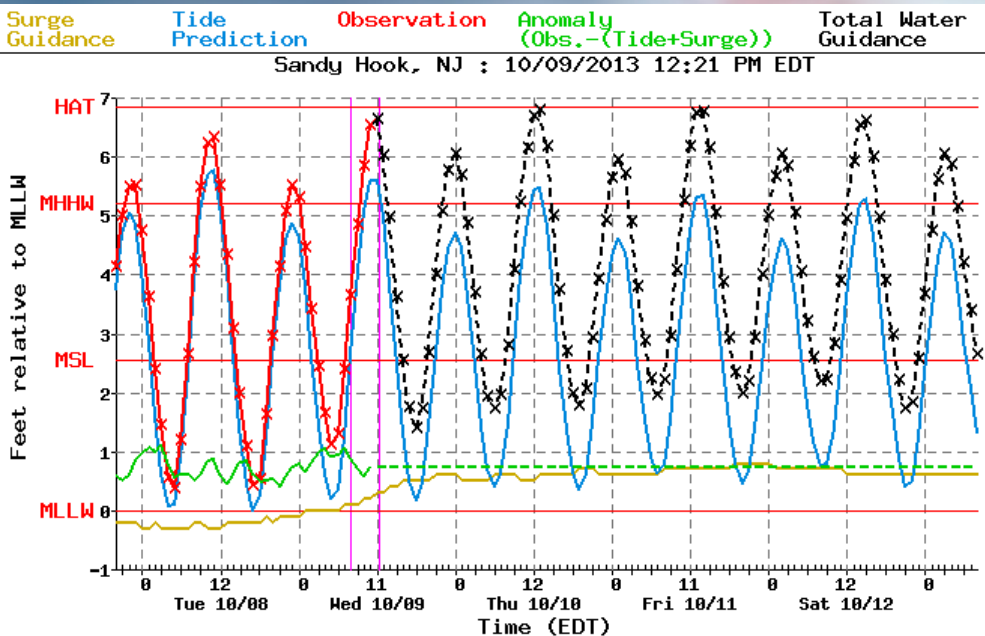
- The strongest impacts of the storm will be felt in Delaware & Southern NJ. **Minor coastal flooding is occurring.** Moderate coastal flooding is possible. **The high tides around midday are the ones to watch the most.**





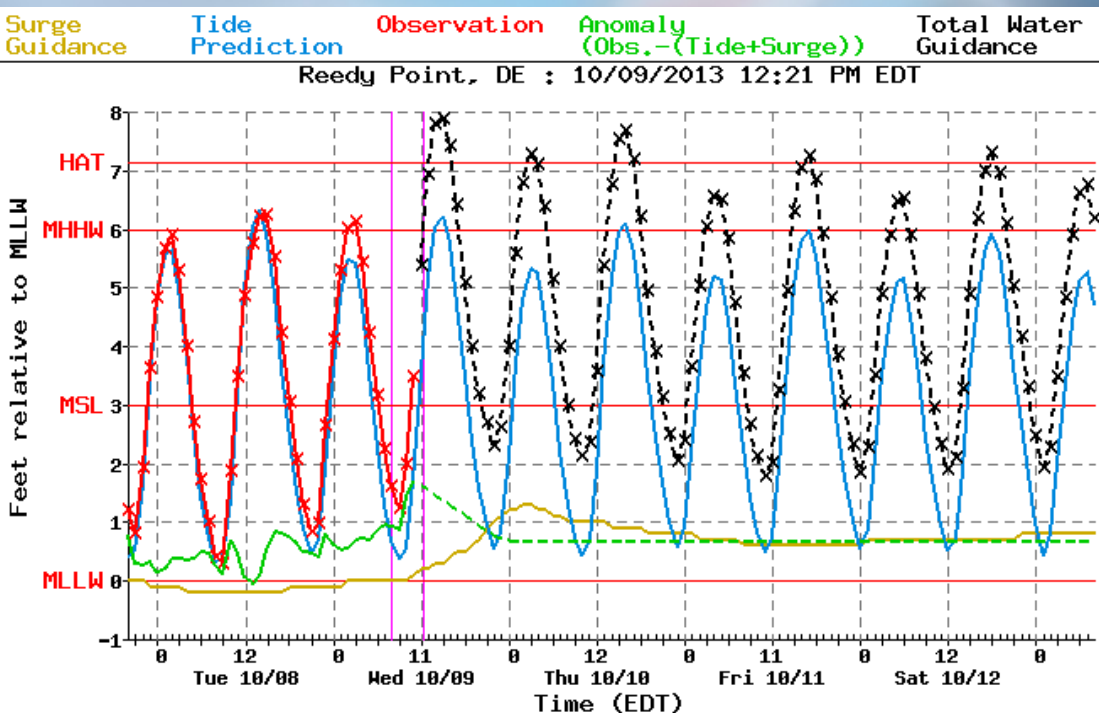
Coastal Flooding

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



Coastal Flooding

- The coastal flooding threat also extends up the Delaware Bay. Minor coastal flooding is likely at the time of high tide. Here the high tide to watch is in the afternoon.



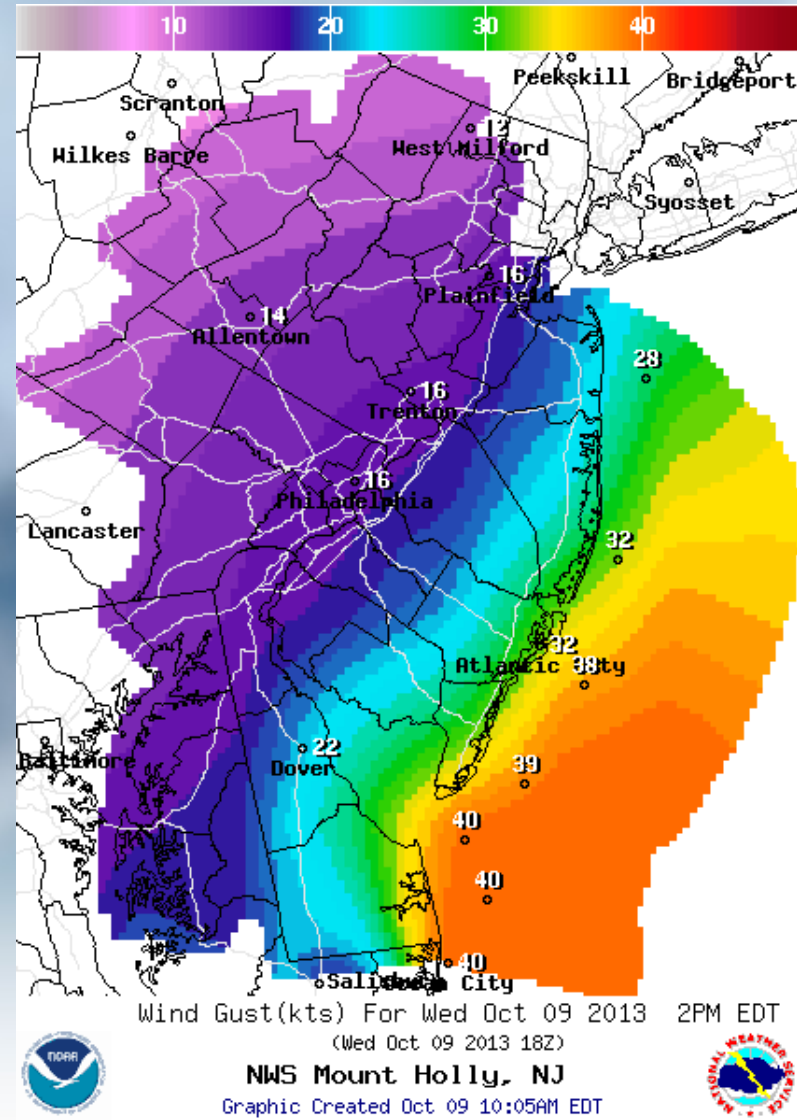
Things to keep in mind

- **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.

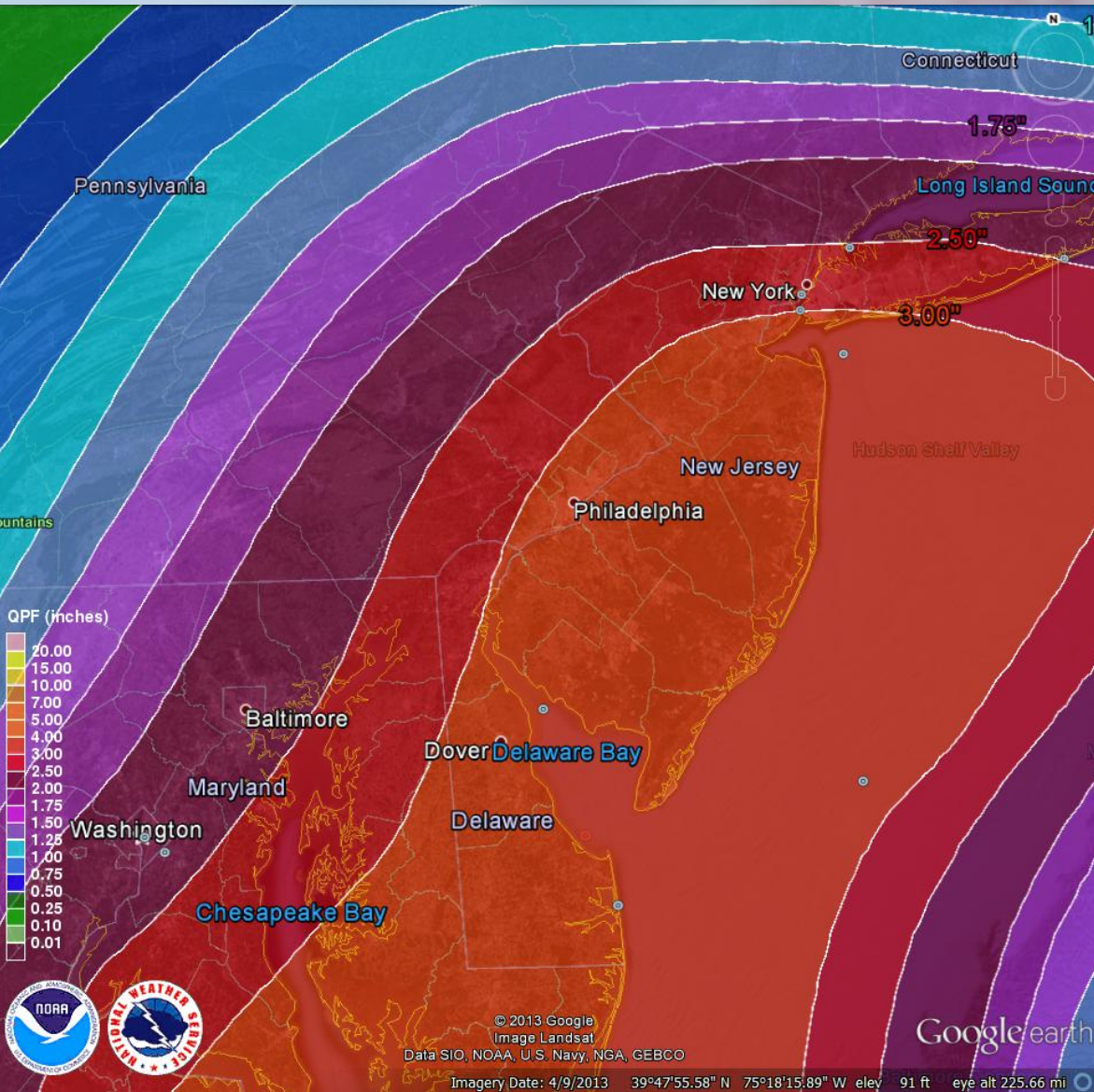


Winds

- Winds will gust in the 40 to 45 miles an hour range near the Atlantic Coast.
- Wind gusts inland will be generally in the 20 to 35 mile an hour range, with the higher values closer to the coast.



Rainfall



- Forecast rainfall totals have increased and are now in the 2 to 4 inch range, with heaviest amounts closer to the coast.
- **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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