

Weather Briefing

Late Winter Coastal Storm

March 6 – 7, 2013

Prepared 300 PM EST – Monday March 4, 2013

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NOAA's National Weather Service

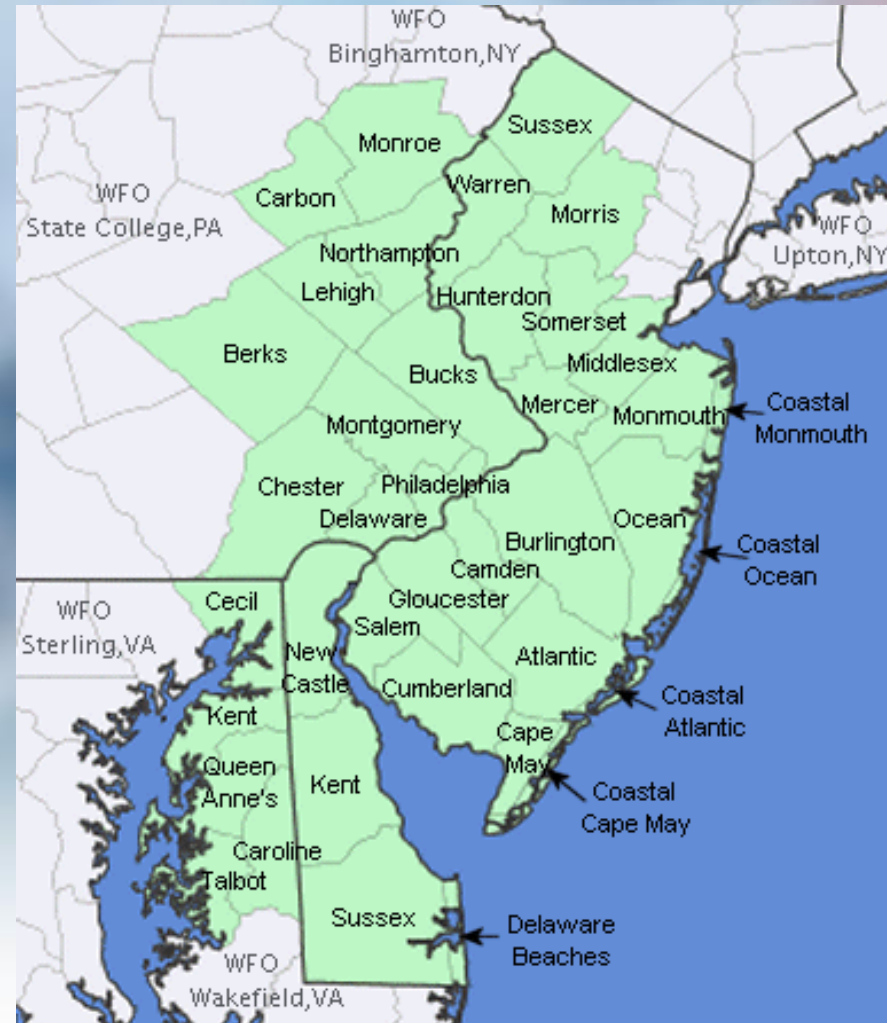
Philadelphia/Mt. Holly NJ Forecast office

Weather.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

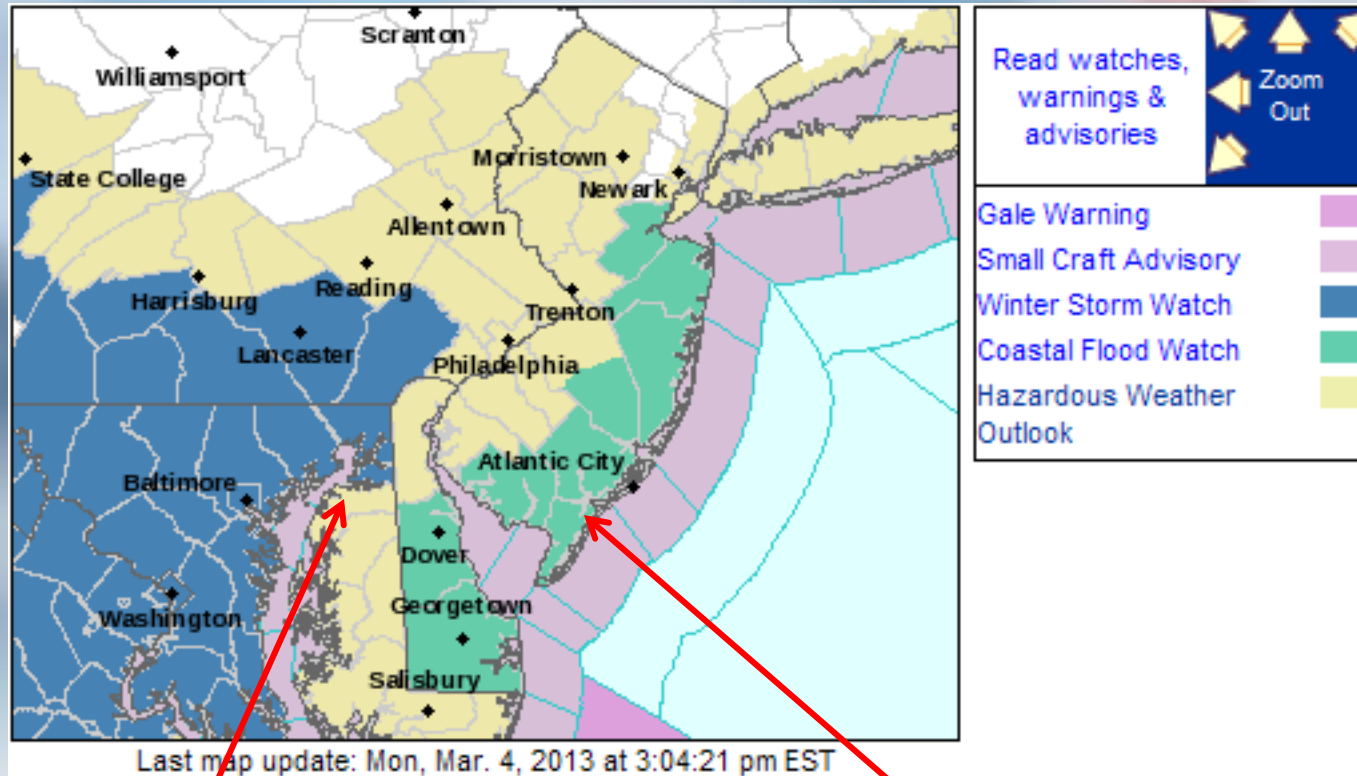


Executive Summary

- Low Pressure from the midwest is expected to intensify along the Virginia coast late Tuesday night, then move only slowly east -northeast through Friday. This will provide the region with a prolonged period of onshore flow.
- Moderate tidal flooding is expected along the Atlantic Coast (both NJ and DE) and Delaware Bay. Minor tidal flooding is possible along the eastern shore of the Chesapeake Bay and Delaware River. Tides to watch are Wednesday afternoon and late Wednesday night. Coastal Flood Watches have been issued.
- Winds could gust to 60 MPH along the Delaware and southern NJ coasts. Gusts in the 35 to 45 mph range are possible further inland, even in eastern PA.
- Based on current model tracks, around one-half inch of liquid equivalent precipitation (if it all fell as rain) is expected in the southern Poconos and northern New Jersey, with up to 1.5 inches possible in southern Delaware and Talbot and Caroline Counties. Final tallies will be highly dependent on the final track of the storm.
- Mainly rain is expected in far southern NJ and along the NJ coast. Mainly rain is also expected south of the C&D Canal. However, a complex mixture of rain and snow is expected further north. Winter Storm Watches have been posted for portions of the Mount Holly CWA.
- No river flooding is expected from this event. However, small stream and poor drainage flooding is possible where the heaviest rain happens to fall, mainly in far southern NJ and on the Delmarva south of the C&D canal.
- Please check our website for up-to-date information: www.weather.gov/phi
- Another briefing package will be issued on Tuesday.



Latest Watch / Warning Map from NWS Mount Holly

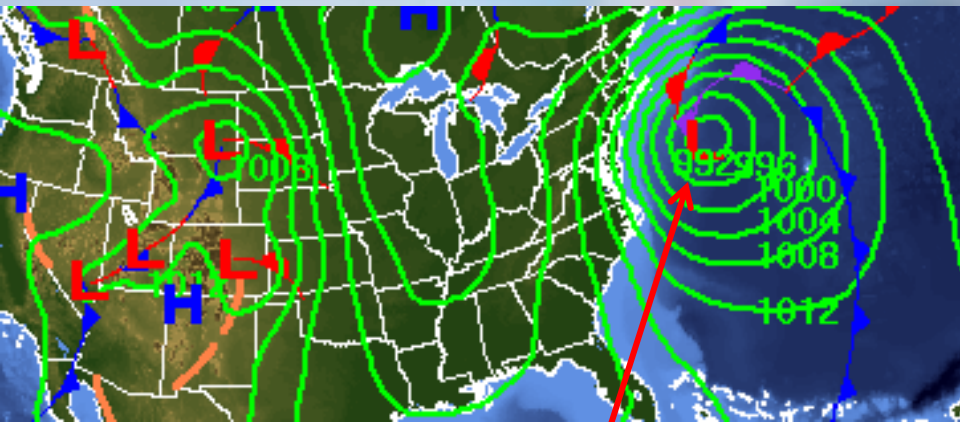


Winter Storm Watch (blue)

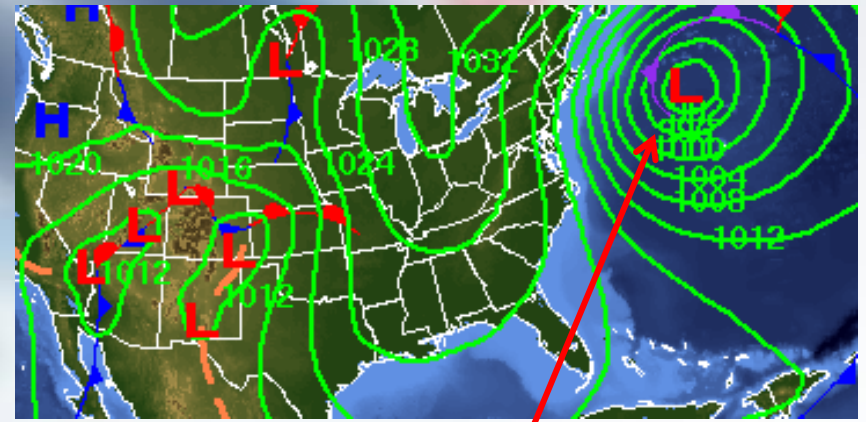
Coastal Flood Watch (green)



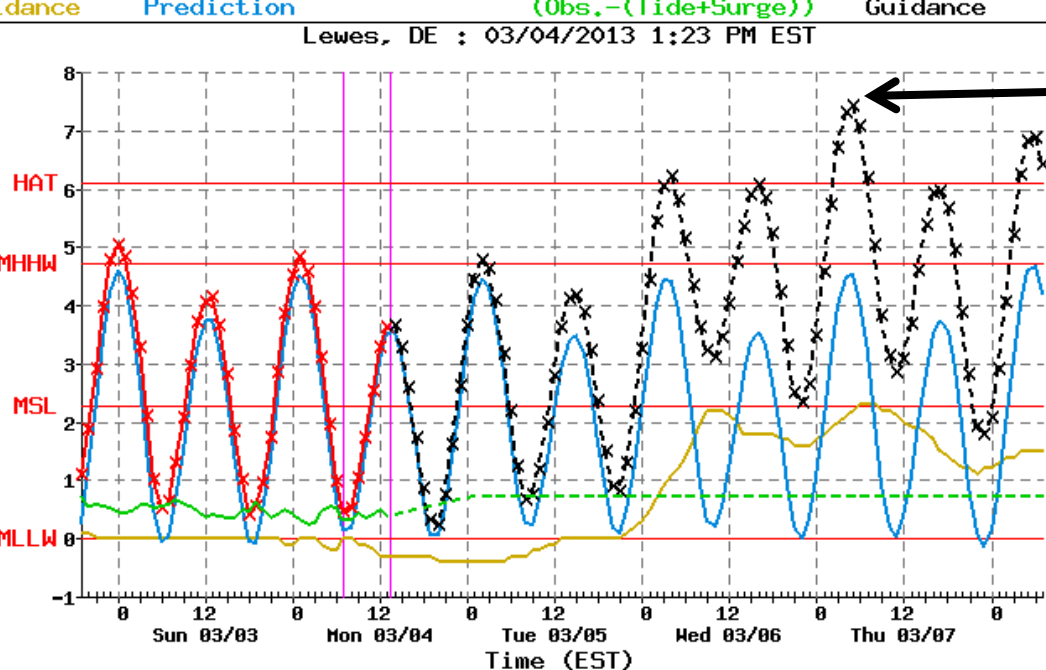
Expected Positions of Slow Moving Coastal Low Pressure System



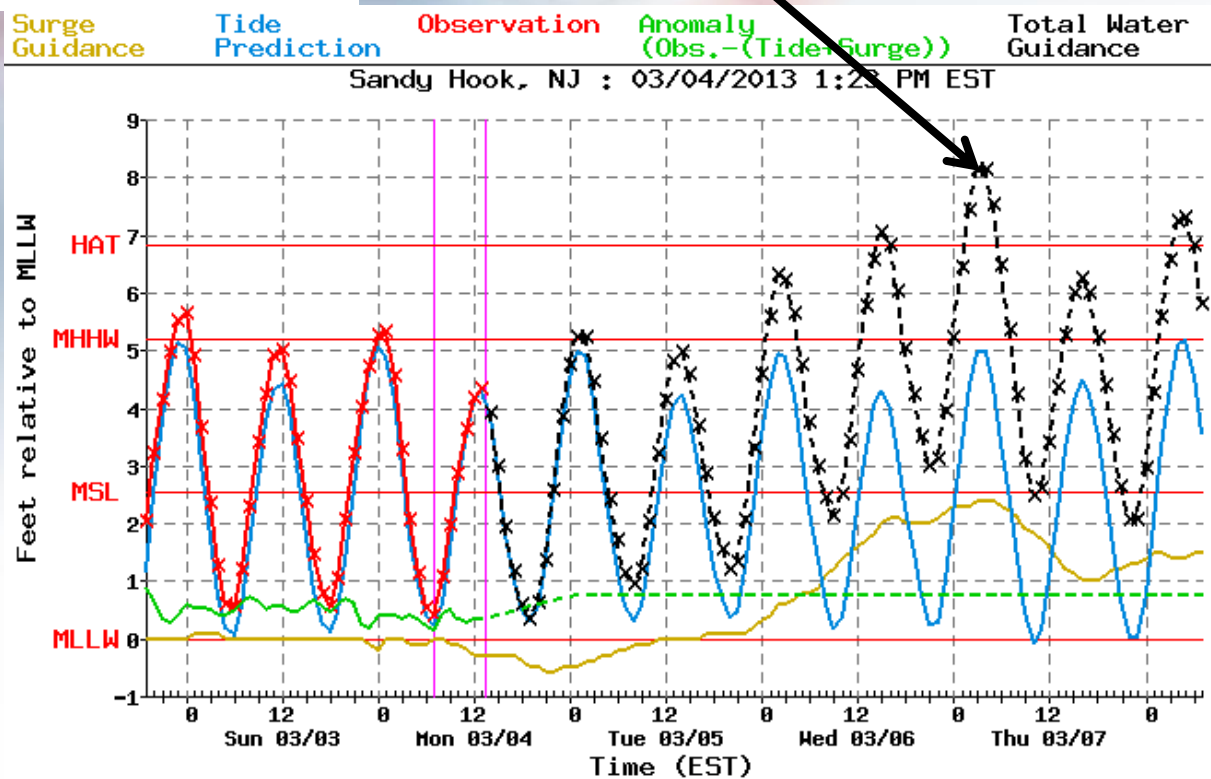
7 AM Thursday



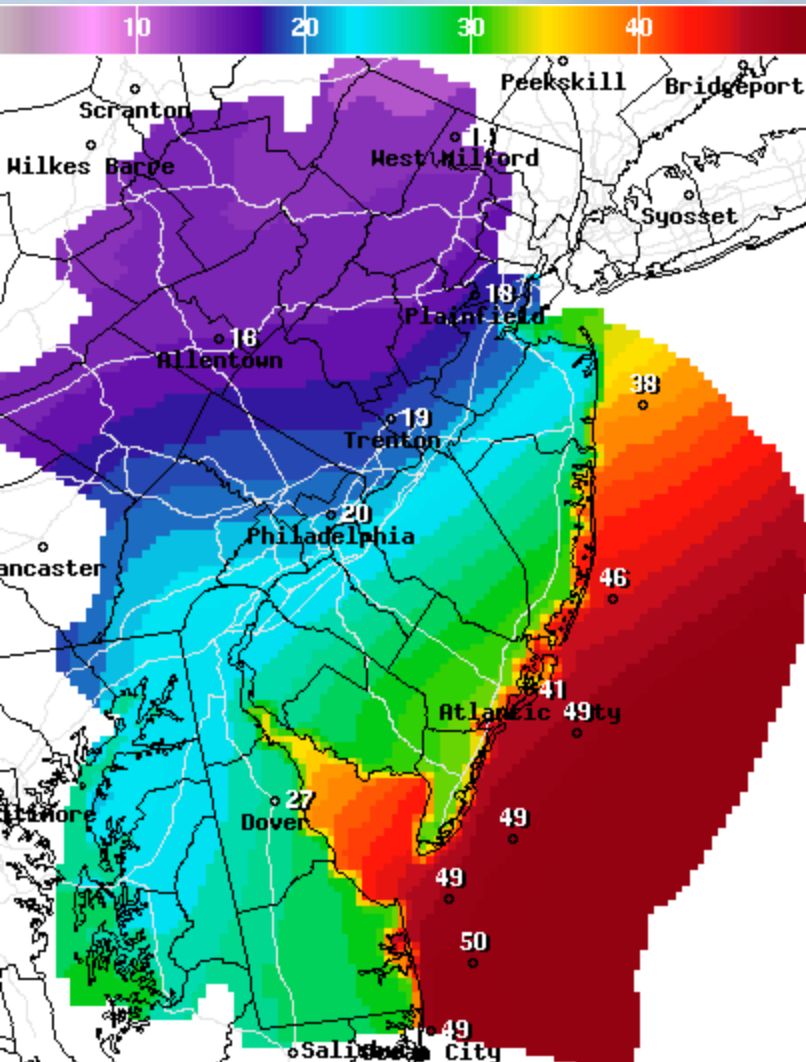
7 AM Friday



Latest Guidance indicates the potential for moderate tidal flooding late Wednesday night (top = Lewes DE, bottom = Sandy Hook NJ).



Winds during the storm



Storm force winds possible over coastal waters, with 15 to 20 foot seas.

Possible wind gusts to 60 mph right on the coast...with gusts 35 to 45 mph further inland...even over eastern PA.

Note: Map to left shows wind gusts at 1 AM Thursday in KNOTS.

Wind Gust(kts) For Thu Mar 07 2013 1AM EST

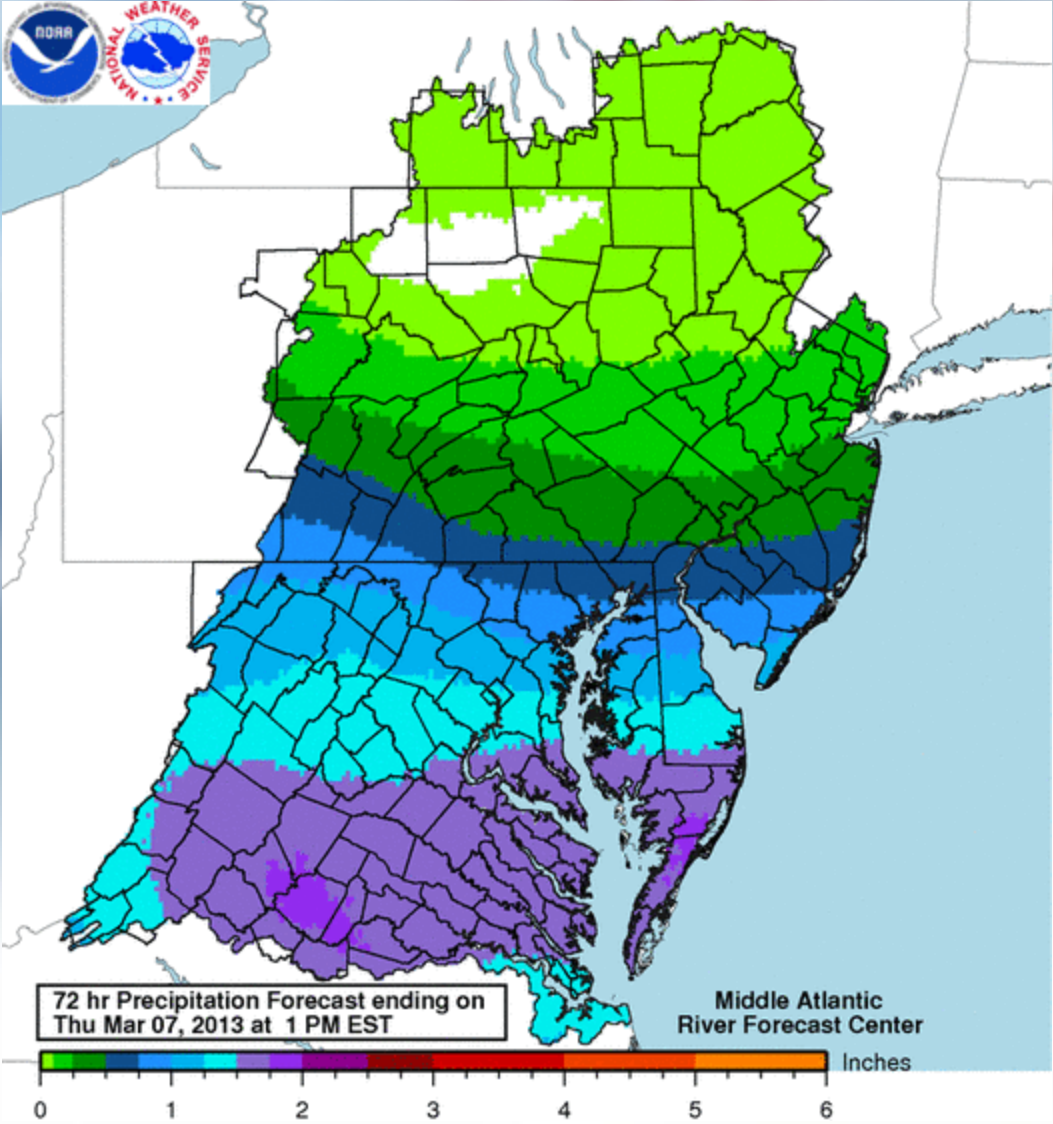
(Thu Mar 07 2013 06Z)

NWS Mount Holly, NJ

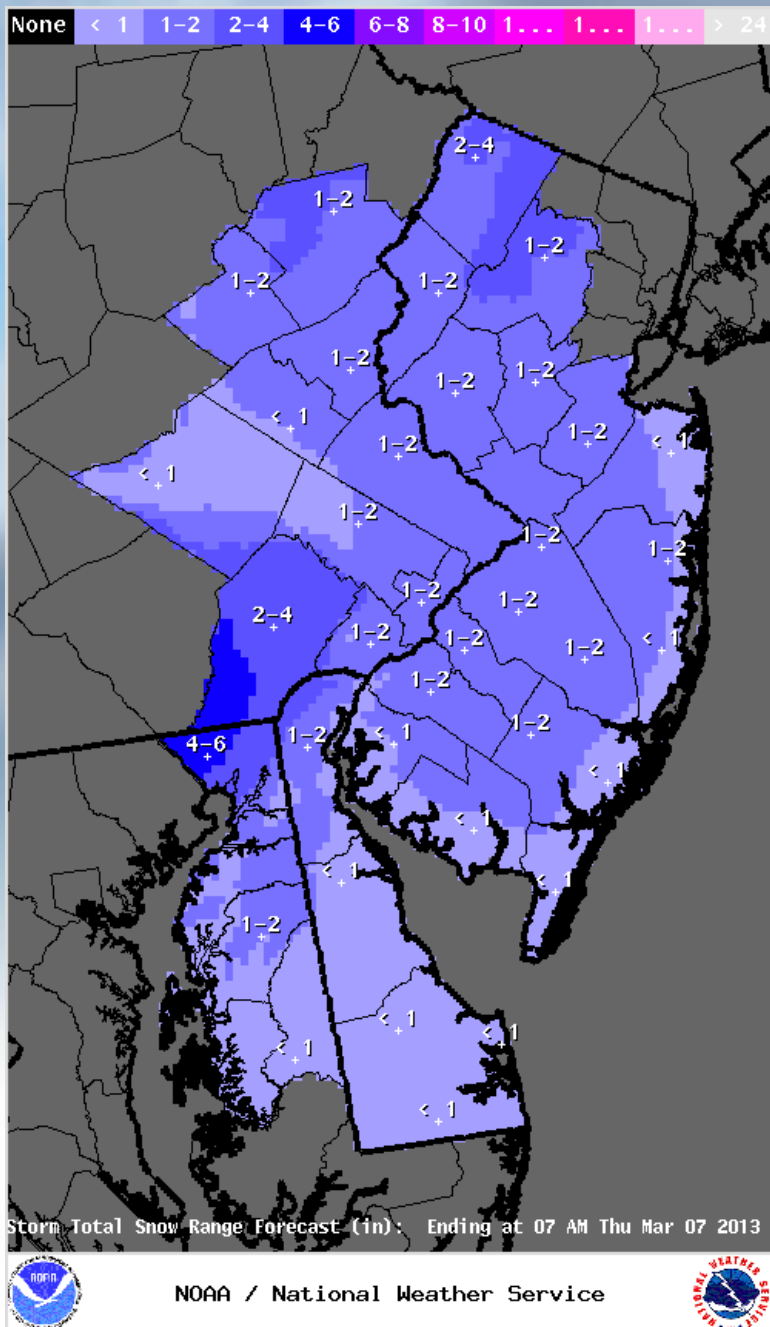
Graphic Created Mar 04 1:06PM EST



Heaviest Precipitation Expected South of the C&D Canal, and far Southern NJ



Snowfall Totals Expected through 7 AM Thursday



NOAA / National Weather Service



National Weather Service
Philadelphia/Mt. Holly

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 at: @NWS_MountHolly
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