Snow This Afternoon and Tonight

Decision Support Briefing #5
As of 4:30 PM Monday, March 12, 2018

What Has Changed?

- Minor changes to the snowfall forecast
- Added a graphic for when the ending time of the snow
## Main Points

<table>
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<tr>
<th>Hazard</th>
<th>Impacts</th>
<th>Location</th>
<th>Timing</th>
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<tbody>
<tr>
<td>Snow</td>
<td>Hazardous travel conditions due to snow covered roads. If the storm tracks closer to the coast, impacts would be greater.</td>
<td>Northern, central, and eastern New Jersey as well as northeastern Pennsylvania.</td>
<td>This afternoon through Tuesday morning with the bulk of the accumulation occurring tonight</td>
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<td>Tidal Flooding</td>
<td>Spotty minor tidal flooding expected resulting in low-lying flooding</td>
<td>New Jersey shore, Delaware Beaches, shores of lower Delaware Bay</td>
<td>Tuesday high tides, particularly the morning cycle</td>
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<tr>
<td>Marine</td>
<td>Gale-force gusts and high seas</td>
<td>Atlantic coastal waters of Delaware and New Jersey, including lower Delaware Bay</td>
<td>Late this afternoon through Tuesday afternoon</td>
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</tbody>
</table>
Summary of Greatest Impacts

Snow: Coastal and north NJ; northeast PA
- None
- Limited
- Elevated
- Significant
- Extreme

Coastal Flooding: NJ shore, DE Beaches, DE Bay
- None
- Limited
- Elevated
- Significant
- Extreme

Marine: DE and southern NJ coastal waters
- None
- Limited
- Elevated
- Significant
- Extreme
Onset Time of Snowfall

- Light snow has already begun across the higher elevations of northeast PA and northwest NJ.
- Precipitation will overspread the rest of the area through this evening, beginning as rain or a rain/snow mix. A changeover to snow will occur generally from north to south late this evening and overnight.
Ending Time of Snowfall

- The steadier accumulating snow is expected to end before the start of the morning commute on Tuesday except potentially near the New Jersey coast and in northern New Jersey.

- Snow to end from southwest to northeast Tuesday morning, except for far northern New Jersey where it may linger into midday.
Expected Snowfall

- Overall, forecast confidence of snowfall amounts has increased but there remains some uncertainty to where a small band of heavier snow could fall (most likely N/E of Trenton).

- The bulk of the accumulating snow is expected to occur overnight tonight into early Tuesday morning (~1 AM – 7 AM).
Probabilistic Snowfall Forecast

Low End Potential
9 in 10 (90%) Chance of Higher Snowfall Than Depicted Below

High End Potential
1 in 10 (10%) Chance of Higher Snowfall Than Depicted Below

Notably higher amounts possible in E & N NJ if the heavier snow band forms on the backside of the storm
Spotty minor tidal flooding possible during Tuesday morning high tide cycle.

This graphic shows the expected degree of flooding on the oceanfront, bays, and estuaries along the highlighted areas.
Light snow has already begun across the higher elevations of NE PA and NW NJ. Rain, mixing with snow, will overspread the rest of the area through this evening and changeover to snow generally from north to south late this evening and overnight.

Overall, forecast confidence of snowfall amounts has increased but there remains some uncertainty to where a small band of heavier snow could fall (most likely N/E of Trenton).

The bulk of the accumulating snow is expected to occur overnight tonight into early Tuesday morning (~1 AM – 7 AM).

Gale force wind gusts of 35-40 knots are expected through Tuesday afternoon for the Atlantic coastal waters and the lower Delaware Bay. Seas will build to near 10 feet late tonight.
Contact and Next Briefing Information

This will be the last scheduled briefing.

Briefing Webpage:
www.weather.gov/media/phi/current_briefing.pdf

Disclaimer: The information contained within this briefing is time-sensitive, do not use after 8 AM Tuesday morning