

A Complex Weather System: Tuesday Afternoon into Thursday March 3 – 5, 2015

- Briefing #1, prepared **900 AM EST Tuesday, March 3, 2015** by Meteorologists at NWS - WFO Mount Holly, NJ
- To promote situational awareness for the emergency management community and for other partners.
- To provide guidance for planning efforts.
- The briefing applies to the WFO Mount Holly service area which is shaded in green on the map.



weather.gov/Philadelphia



US National Weather Service
Philadelphia/Mount Holly



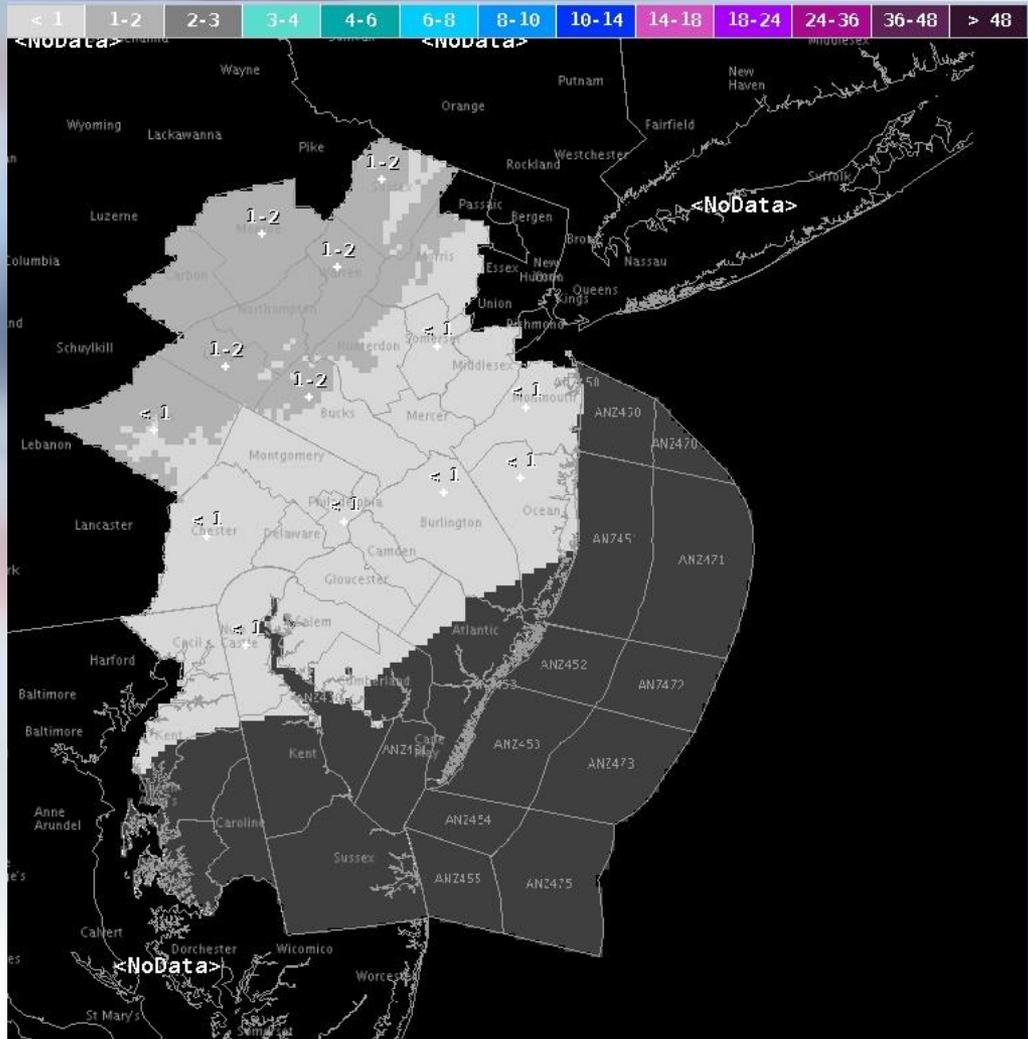
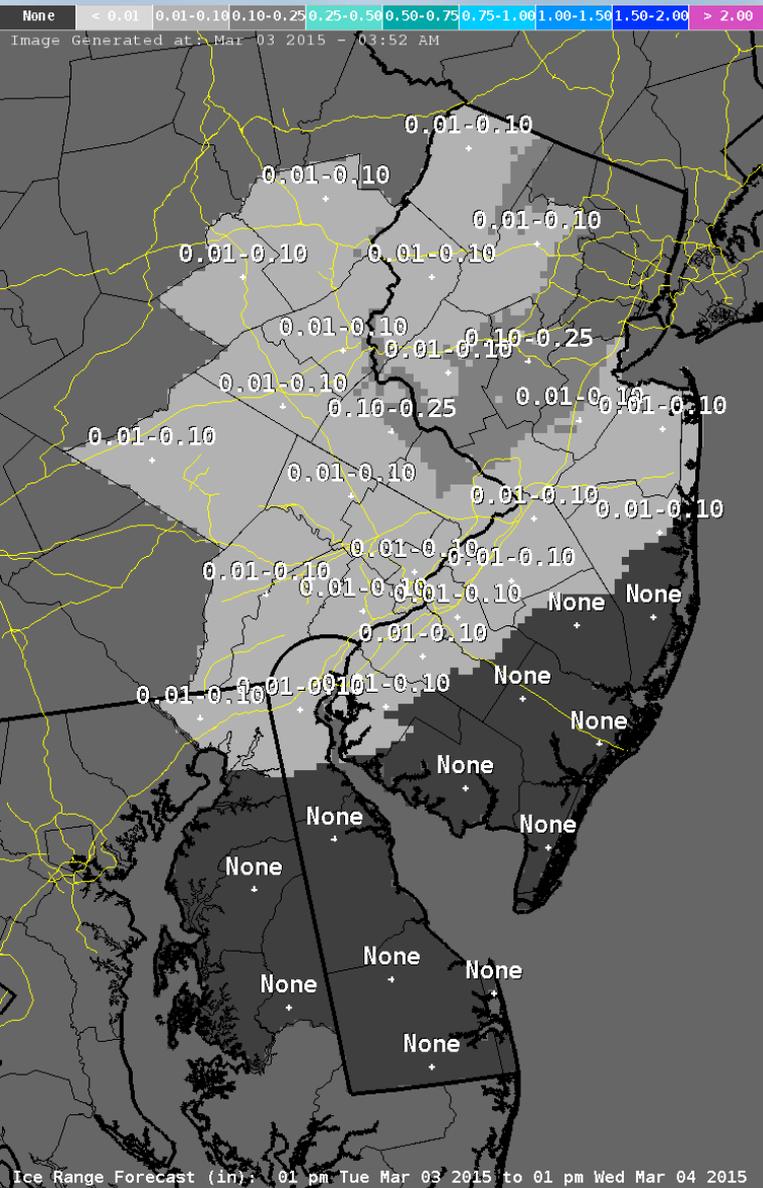
@NWS_MountHolly

Executive Summary

- **Synopsis:** A warm front will lift north through the area tonight. A cold front will then cross the area from west to east on Wednesday. This front will sag to our south into Thursday as an area of low pressure develops along it. This will all result in a complex and prolonged period of precipitation from Tuesday afternoon into Thursday.
- Precipitation is expected to begin as all snow later today, then change over to sleet and freezing rain from south to north as warmer air moves in. This changeover from snow to sleet to freezing rain, then rain will occur by this evening south of the C&D canal, reaching the I-95 corridor during the Tuesday evening commute before moving further north Tuesday evening and night. An inch or two of snow/sleet accumulation is expected north and west of Philadelphia before the changeover to rain is complete in the far north during the late overnight hours. The evening commute will be effected. Winter Weather Advisories have been posted. Please see following snowfall total maps.
- As colder air filters back into the region Wednesday night, precipitation will change back over to snow from north to south. A significant amount of snow is possible from this system. Winter Storm Watches may be needed. Please see snowfall total maps on following slides. The Wednesday evening and especially the Thursday morning commute will be effected.
- Colder temperatures will linger into Friday, but then moderation is expected for the weekend...still below normal for this time of year, but better than what we've had lately.



Total Ice (left) and Snow (right) Accumulation Expected Tuesday & Tuesday Night

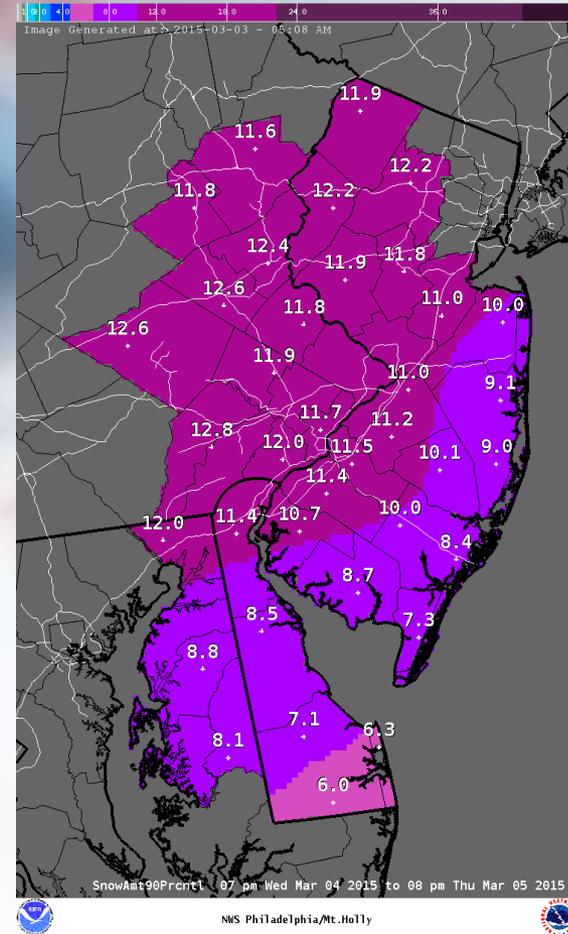
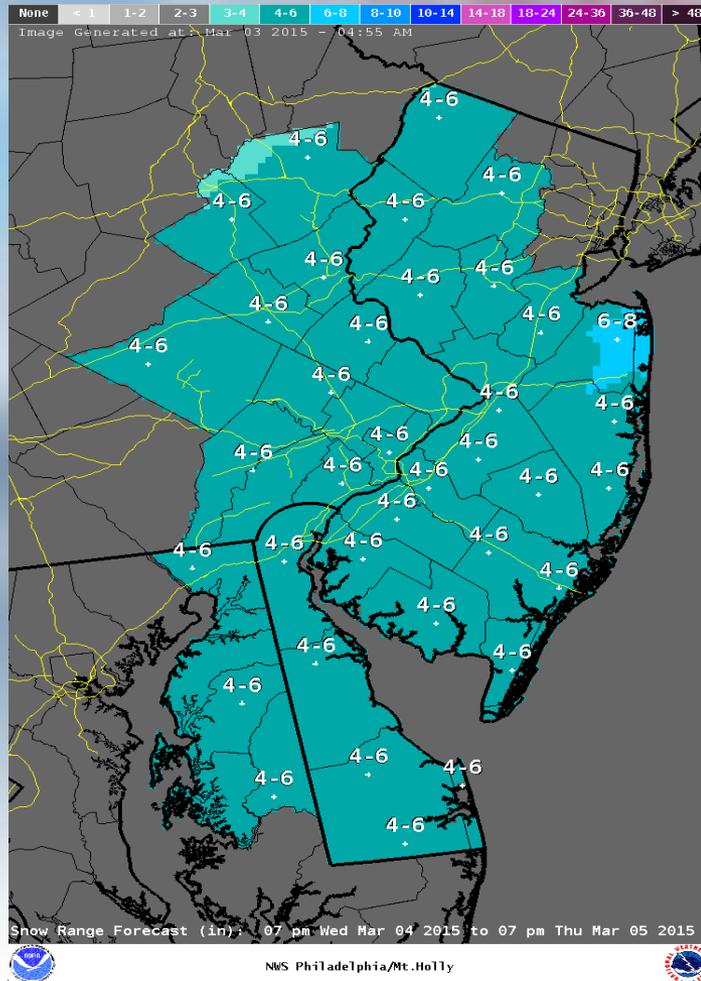
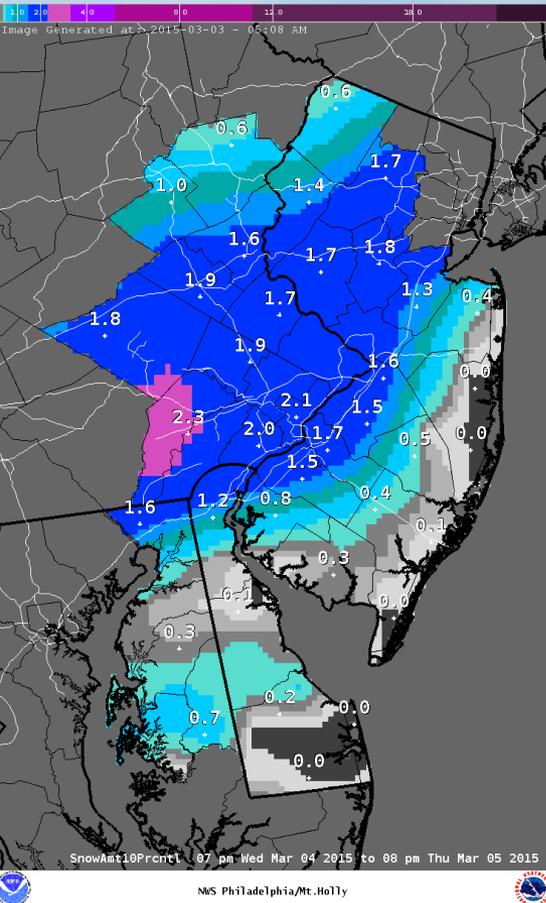


Snow Potential Wednesday Night and Thursday (March 4th and 5th) After Colder Air Moves Back In

Most Likely

Minimum

Maximum



Expect at least this much

Official NWS Forecast

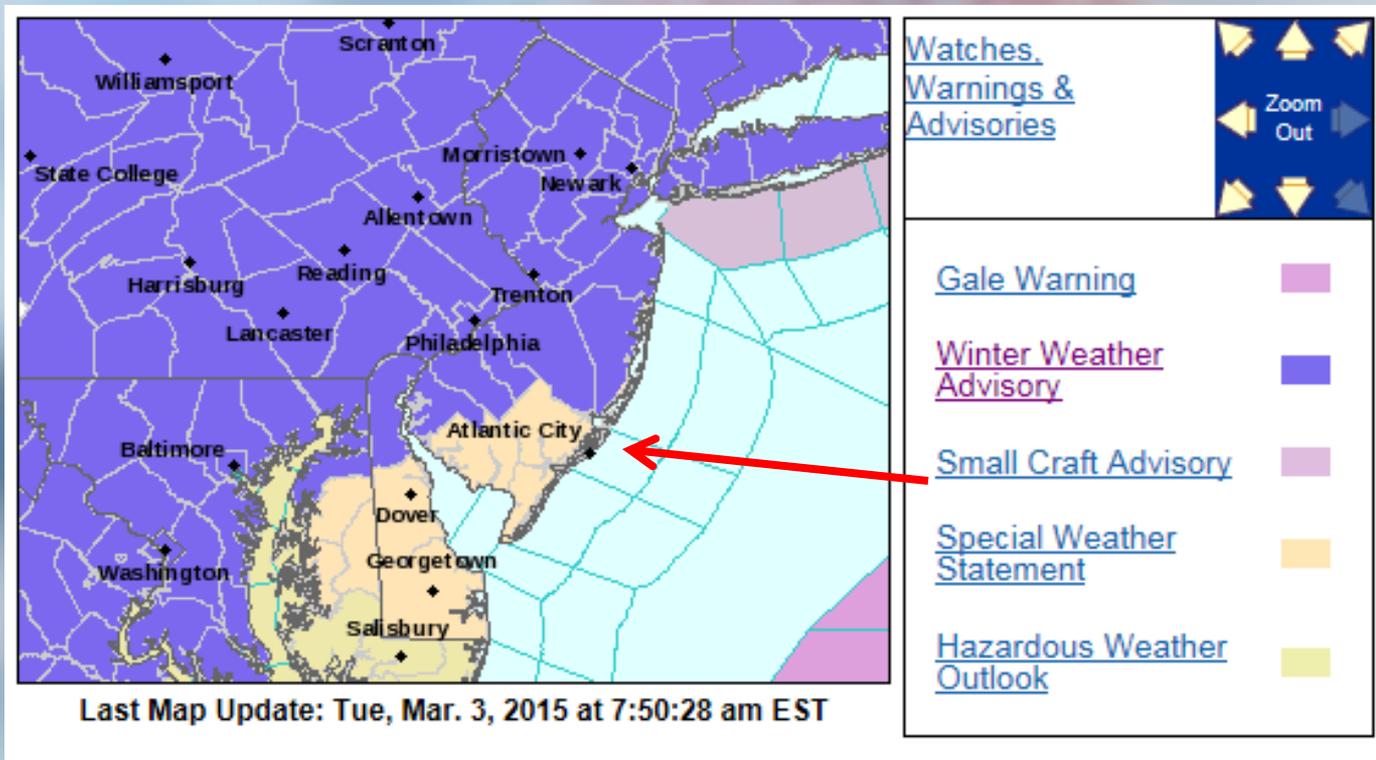
Potential for this much

Snowfall maps available at weather.gov/phi/winter/



National Weather Service
Philadelphia/Mt. Holly

Winter Weather Advisories Already in Effect for This Afternoon and Tonight



Warnings may be need for Snow Wednesday into Thursday

Questions?

- For the latest information, visit our website at:
 - www.weather.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
- Please contact us if you have any questions.
- Gary.Szatkowski@noaa.gov
 - Office 609-261-6602 x222
- Joseph.Miketta@noaa.gov
 - Office 609-261-6602 x223



weather.gov/Philadelphia



US National Weather Service
Philadelphia/Mount Holly



@NWS_MountHolly