

Light Snow and Ice Potential Tonight into Tuesday

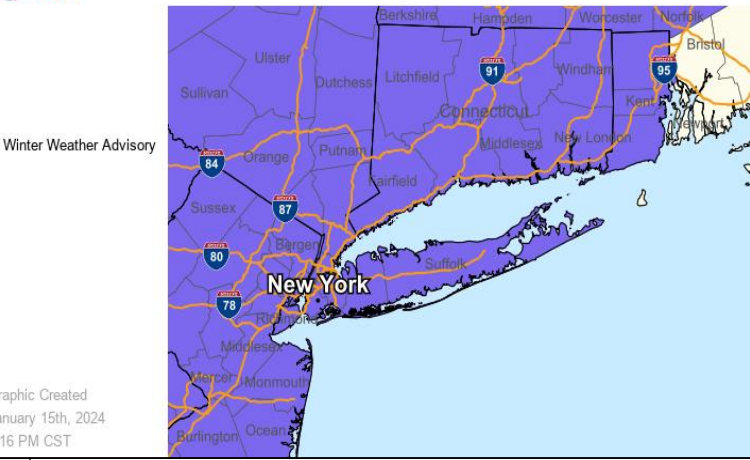


OVERVIEW

A weak area of low pressure approaches from the Mid Atlantic tonight and passes just southeast of the region on Tuesday, bringing a light to moderate snowfall area wide tonight and a wintry mix/glaze of ice on Tuesday, particularly along the I-95 corridor.



Winter Watches Warnings and Advisories



Graphic Created
January 15th, 2024
4:16 PM CST

NWS ALERTS

Winter Weather Advisory for the entire area tonight. Ending from southeast to northwest during the day Tuesday.

HAZARDS & IMPACTS

Interior NE NJ, Lower Hudson Valley, interior SE CT – Snow

Light snow develops this evening (8pm), falling moderate at times into Tue aft before ending.

- **Total Snowfall:** 3 to 5” likely. Reasonable worst case 5-6”.
- **Snowfall Rates:** Up to 0.5 inch/hour between midnight and midday Tue.
- **Snowfall Character:** Dry and powdery.
- **Temperatures:** Upper teens tonight, rising to upper 20s Tue PM, Mid teens Tue Night.
- **Impacts:** Snow covered roads and visibility down to ½ mile at times Tonight into Tue PM. Hazardous travel likely thru Tue Eve.

NYC/NJ metro, Western Long Island, coastal SW CT – Snow to Wintry Mix/Freezing Drizzle

Light snow develops this evening (8pm), falling moderate at times tonight, changing to sleet/freezing drizzle early/mid Tue AM (possibly rain in the early aft), then possibly briefly ending as light snow late Tue aft.

- **Total Snowfall:** 2 to 4” likely. Reasonable worst case 4”.
- **Snowfall Rates:** Up to 0.5 inch/hour between midnight and 8am Tue.
- **Snowfall Character:** Dry and powdery overnight, becoming wet after 8am.
- **Ice Accretion:** 1/10th of an inch likely Tue AM into PM on untreated and elevated surfaces.
- **Temperatures:** Mid 20s tonight into early Tue AM, rising into the lower 30s mid Tue AM, back down to upper 20s Tue Eve. Lower 20s Tue Night.
- **Impacts:** Snow covered roads and visibility down to ½ mile at times Tonight into Tue AM commute. Hazardous travel likely thru Tue Eve.

Eastern LI and SE CT - Snow to Light Rain

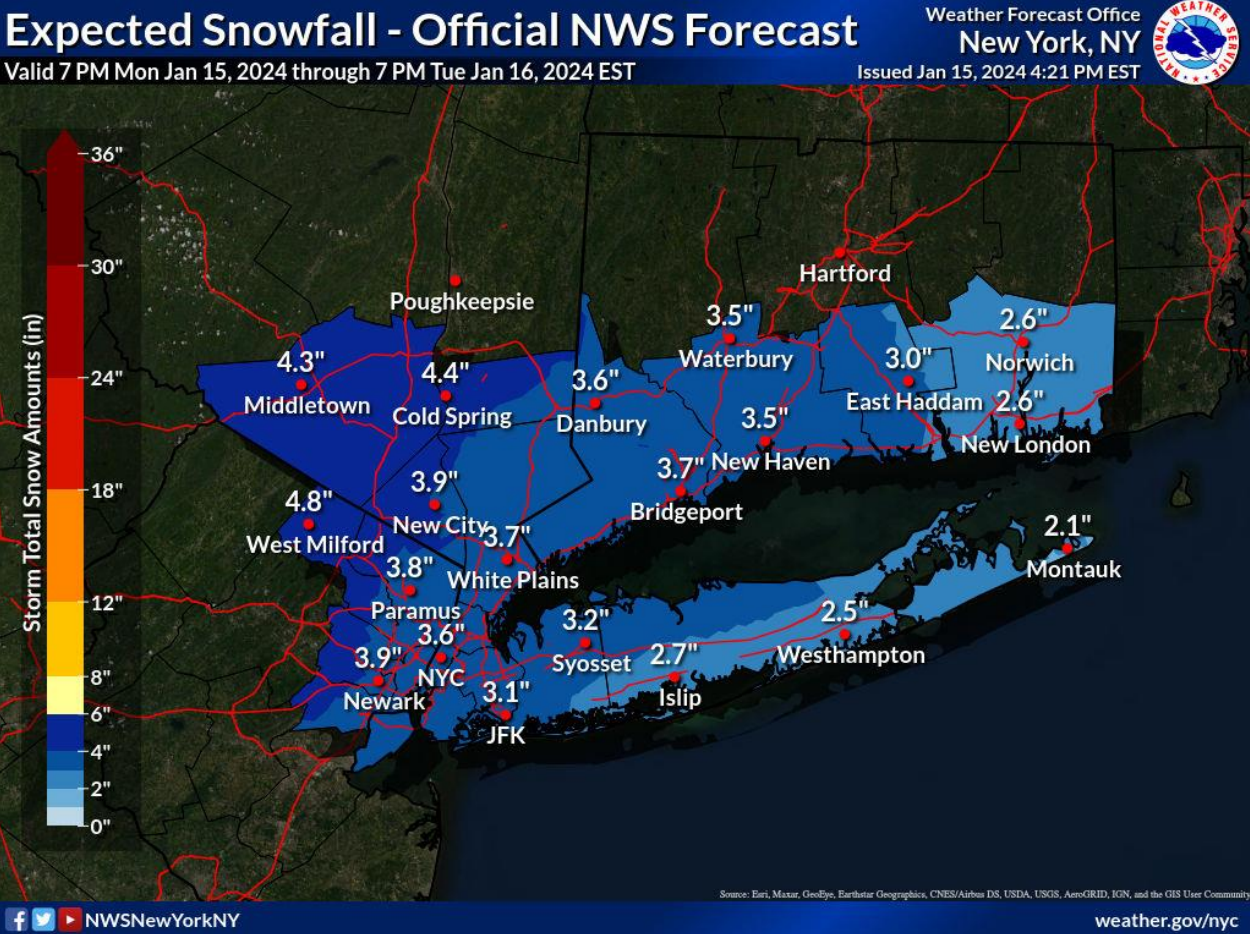
Light snow develops this evening (8pm), falling moderate at times tonight, changing to light rain/drizzle (brief freezing drizzle possible) early Tue AM, then possibly briefly ending as light snow early Tue Eve.

- **Total Snowfall:** 2 to 3” inches likely. Reasonable worst case 3”.
- **Snowfall Rates:** Up to 0.5 inch/hour between midnight and 6am Tue.
- **Snowfall Character:** Dry and powdery overnight, becoming wet by 6-8am.
- **Temperatures:** Low to mid 20s tonight rising to lower 30s by early AM, rising to mid 30s by mid Tue AM, back to upper 20s Tue Eve. Lower 20s Tue Night.
- **Impacts:** Snow covered roads and visibility down to ½ mile at times Tonight into early Tue AM commute. Hazardous travel possible for Tue Eve commute.

Most Likely Snowfall Accumulation – Official Forecast



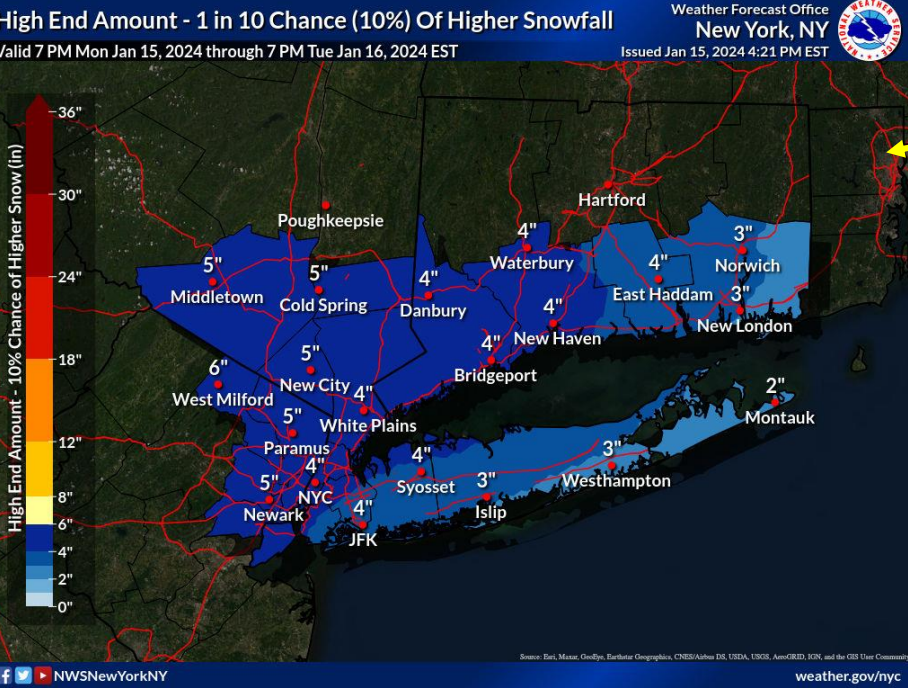
New York, NY
WEATHER FORECAST OFFICE



Probabilistic NWS New York Snowfall Forecasts

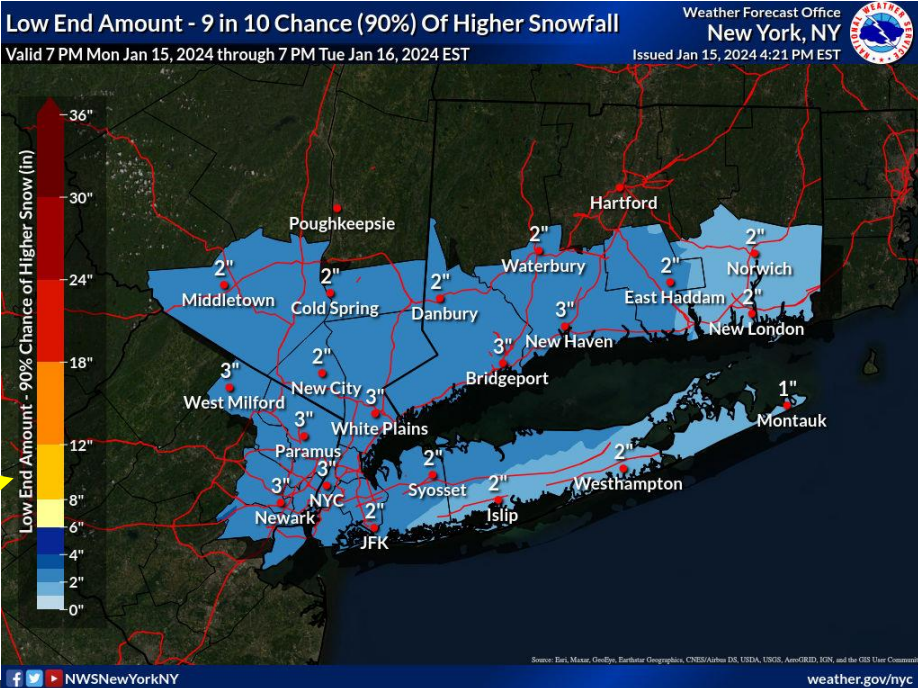


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Reasonable worst case scenario at a point across interior if moderate snow banding persists over an area.

Reasonable worst case scenario at a point for city/coast if low pressure tracks a bit farther southeast, and transition to wintry mix/rain is slower/brief.

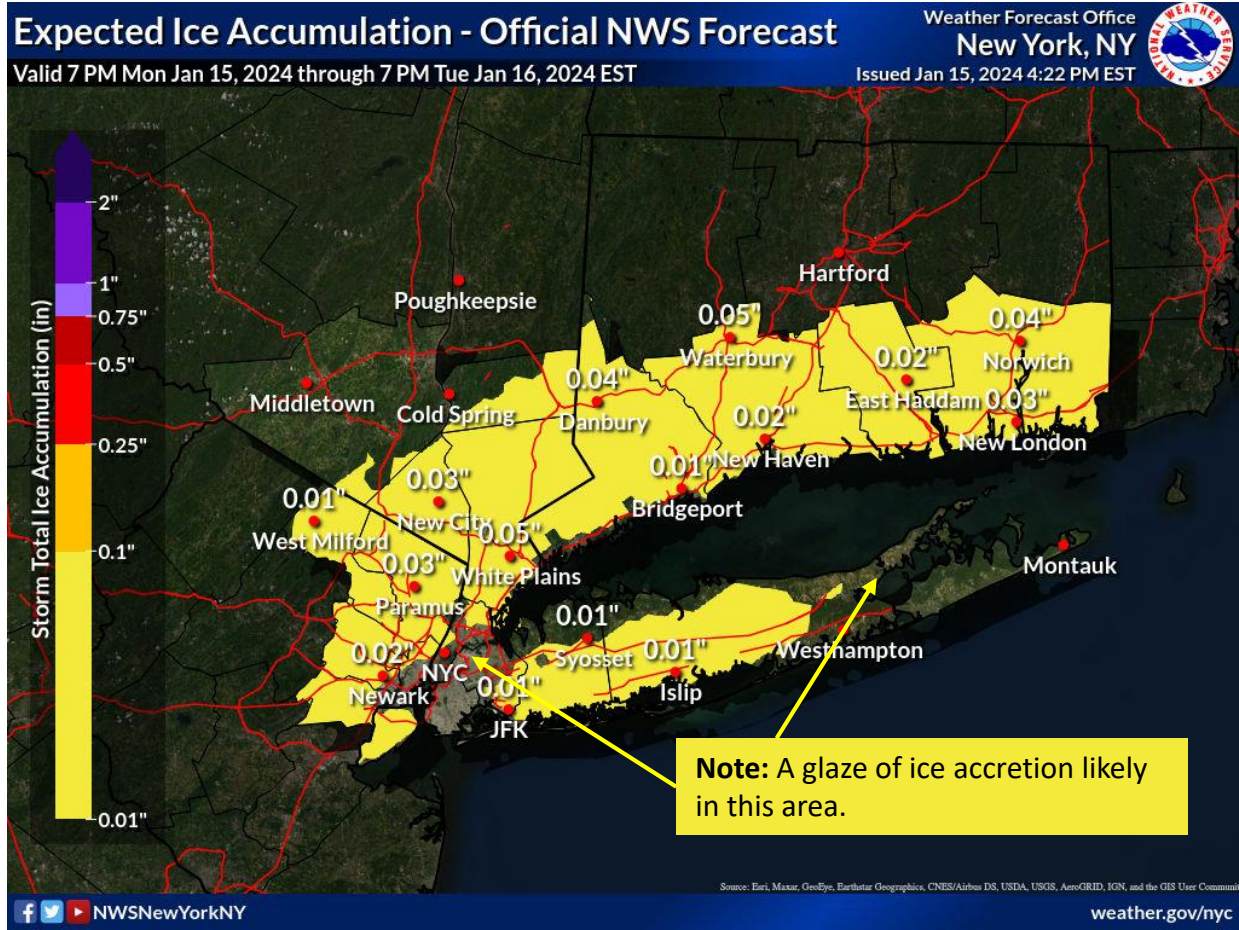


Expect at least this much snow

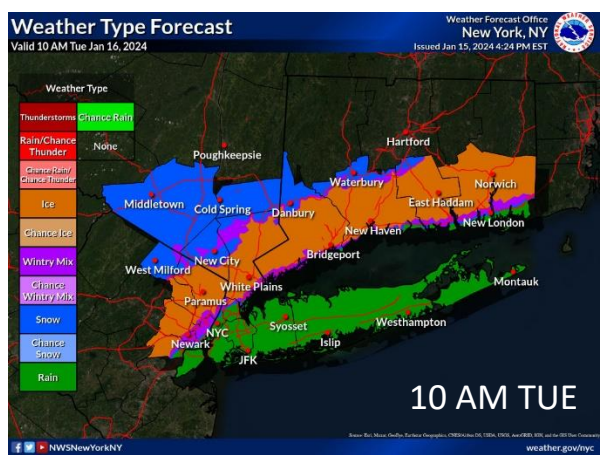
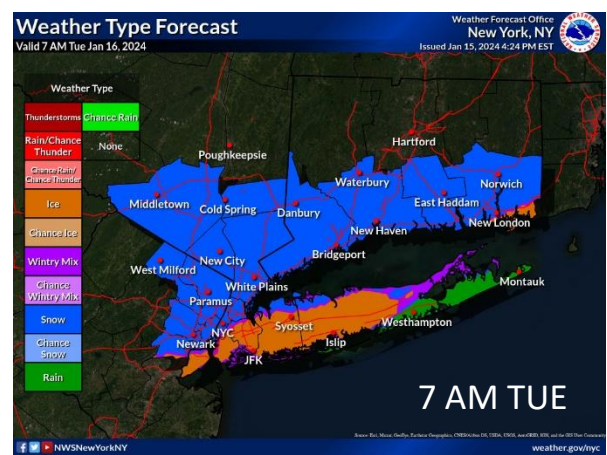
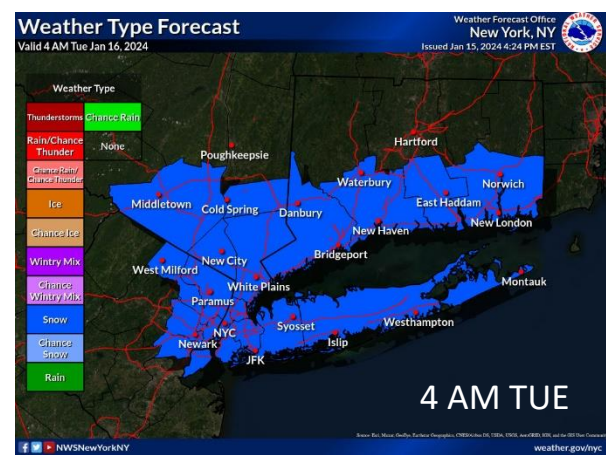
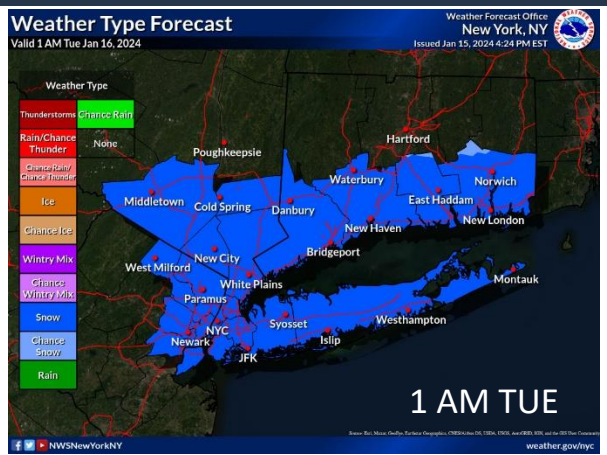
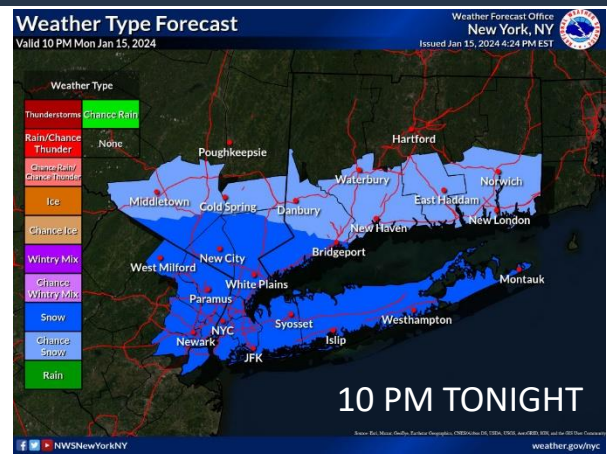
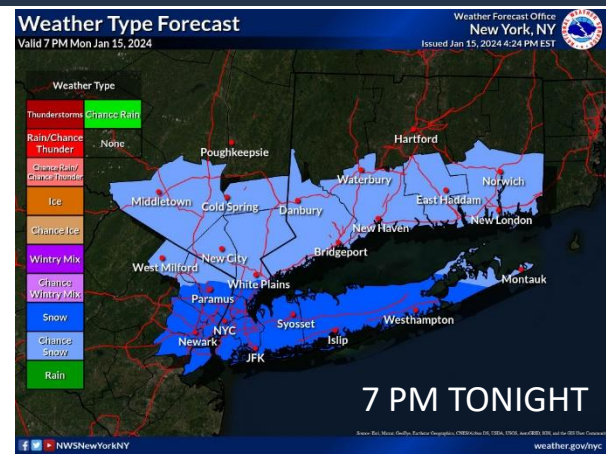
Most Likely Ice Accretion – Official Forecast



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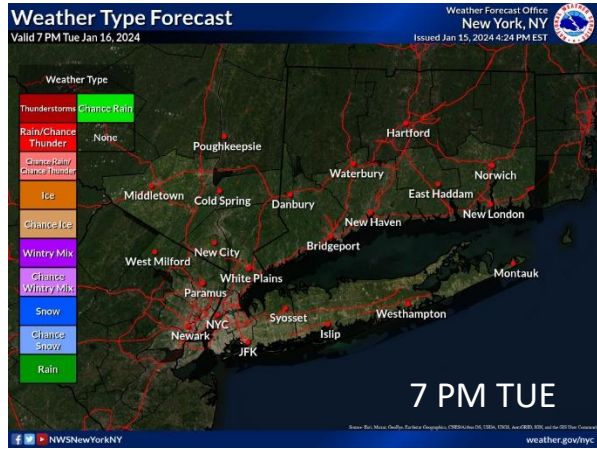
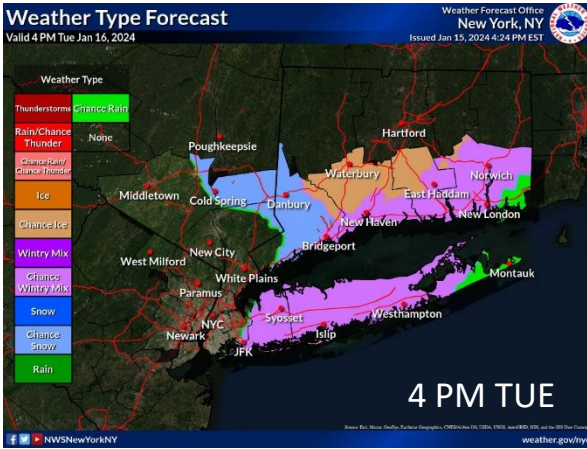
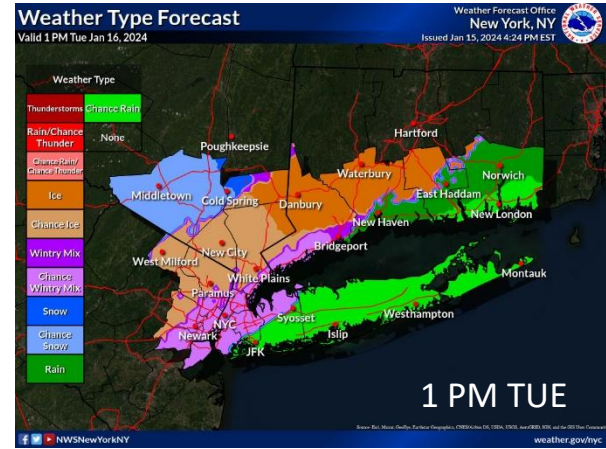
Changeover Timing



Changeover Timing



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Overview: Sub freezing temps likely for the entire area Tuesday Night thru Sunday Night. We are also monitoring the potential for another accumulating snowfall Thursday Night into Friday Night across the area.

Hazard:

- Cold Temperatures: Temps will likely remain below freezing across the area Tue Night thru Sun Night.
 - Temps will average 10-15 degrees below normal).
 - Single digits wind chills above/below zero Wed Am and Saturday AM to Sun AM.
- Snow: There is a 10-30% chance (30-50% chance eastern areas) of exceeding 3" of snowfall in 24 hrs Thu Night into Friday Night.

Forecast Challenges:

- There is inherent model spread on track and intensity of an elongated area/s of low pressure tracking south of the region coastal low pressure Tuesday into Wednesday.
- At this time this looks to be a prolonged light snow event, but more clarity is expected through midweek as the primary forecast factors get better sampled over the CONUS.

