**Area Forecast Discussion**

**National Weather Service Albany NY**

**526 AM EDT Wed Jul 1 2026**

*Thunderstorms are possible each of the next several days, with* ***the greatest coverage expected today and Saturday. Some storms may be strong to severe today with damaging winds and large hail.***

**Area Forecast Discussion**
**National Weather Service Albany NY**
**642 AM EDT Sat Jul 4 2026**

***Scattered* thunderstorms expected again later this afternoon into this evening.** Marginal risk continues for far southern areas.

***Scattered* thunderstorms** this afternoon and evening may impact Outdoor 4th of July Events with cloud to ground lightning, gusty winds and heavy downpours. There remains a Marginal Risk (Level 1 of 5) for severe thunderstorms for southern parts of the area. Once again, more scattered thunderstorms will continue to be a concern later today. Similar to the past few days, our area remains on the northern edge of a large upper level ridge, with fairly fast flow in the mid levels. Some lingering clouds from earlier convection is located west of the area and this will be spreading across our area for later this morning. The best threat for strong storms today will likely be south of this area, where the best instability and lapse rates will be located, so ***the mid Atlantic States will be the most prone for more widespread severe storms today. Still, some isolated severe storms are possible for our far southern areas, including Ulster, Dutchess and Litchfield Counties,*** where abundant instability should still occur thanks to the hot and humid weather in place.

CAMs suggest activity may initially develop in the western NY during the early afternoon and spread southeast for later today, similar to Friday. ***Some of this activity may brush into the area, although the bulk of it may avoid our area to the west and south. Even if storms aren't severe, locally gusty winds, heavy downpours and cloud-to-ground lightning will be threats,*** especially considering many people will be outdoors for the 4th of July holiday. As of right now, the main time frame for storms looks to be for the late afternoon through late evening hours, so anyone spending time outdoors should pay attention for any warnings or statements regarding thunderstorm activity for later today.

**Area Forecast Discussion**
**National Weather Service Albany NY**
**222 PM EDT Sat Jul 4 2026**

***The latest outlook from the Storm Prediction Center had expanded the slight risk northward into Ulster, Dutchess and Litchfield counties for this afternoon and evening.*** No other significant changes at this time.

***Scattered thunderstorms this afternoon and evening may impact Outdoor 4th of July Events with cloud to ground lightning, gusty winds and heavy downpours. There is a Marginal to Slight Risk (Level 1 and 2 of 5) for severe thunderstorms for southern parts of the area.***

An approaching disturbance will bring scattered to numerous showers and thunderstorms this afternoon. Rain showers are ongoing north of I-90 early this afternoon. The better severe weather threat continues to be for areas mainly south of Interstate 90 where there is greater heating and instability present***. There remains a marginal to slight risk for severe thunderstorms this afternoon into the evening. Damaging winds will be the primary risk with any thunderstorms that develop.***

Area Forecast Discussion
**National Weather Service Albany NY**
**748 PM EDT Sat Jul 4 2026**

Severe Thunderstorm Watch #459 has been cancelled for Schoharie, Greene, Albany and Rensselaer and continues for Ulster, Dutchess, Columbia, Berkshire and Litchfield counties.

Area of severe thunderstorms with a history of producing damage is pushing through Dutchess County entering Litchfield County. These storms have a history of producing wind damage as some large hail up to 1 inch in diameter. These storms should exit Litchfield County by 9pm.

Scattered thunderstorms this afternoon and evening may impact Outdoor 4th of July Events with cloud to ground lightning, gusty winds and heavy downpours. There is a Marginal to Slight Risk (Level 1 and 2 of 5) for severe thunderstorms for southern parts of the area.

An approaching disturbance will bring scattered to numerous showers and thunderstorms this afternoon. Rain showers are ongoing north of I-90 early this afternoon. The better severe weather threat continues to be for areas mainly south of Interstate 90 where there is greater heating and instability present. There remains a marginal to slight risk for severe thunderstorms this afternoon into the evening. Damaging winds will be the primary risk with any thunderstorms that develop.

Area Forecast Discussion

**National Weather Service New York NY**
**425 AM EDT Thu Jul 2 2026**

**Isolated to scattered thunderstorms are possible each day through Sunday. *Highest chances are over the weekend. Any storm has the potential to produce damaging wind gusts, large hail, and localized flash flooding.***

Area Forecast Discussion

**National Weather Service New York NY**
**458 AM EDT Sat Jul 4 2026**

***Slight risk of severe thunderstorms late this afternoon and early this evening for NYC and NE NJ.***

***SPC continues a slight risk of severe tstms for this afternoon/evening for NE NJ/NYC, and a marginal risk over the rest of the CWA except for SE CT.***

As cold front approaches today, tstms will move into the area late this afternoon into this evening. ***Primary threat once again will again be damaging winds as DCAPE values should be high enough to enhance downdrafts.***

Area Forecast Discussion

**National Weather Service New York NY**
**1053 AM EDT Sat Jul 4 2026**

Slight Risk (2/5) for severe weather today expanded to include most of the local forecast area.

***The Storm Prediction Center has expanded the slight risk (2/5) for severe tstms through most of the local forecast area this afternoon and evening.***

As cold front approaches today, tstms will move into the area late this afternoon into this evening. Primary threat once again will again be damaging winds as DCAPE values should be high enough to enhance downdrafts.

Area Forecast Discussion
**National Weather Service New York NY**
**341 PM EDT Sat Jul 4 2026**

.WHAT HAS CHANGED...
A severe thunderstorm watch is in effect for parts of the area through 11 PM tonight.

***Severe thunderstorms are possible this afternoon and evening with the main impact being potentially damaging winds. Flash flooding chances are low.***

The Storm Prediction Center has placed western portions of the forecast area in a Severe Thunderstorm Watch until 11 PM this evening. A slight risk of severe thunderstorms is otherwise in place for the rest of the forecast area. Showers and thunderstorms are expected to push in/become more numerous across the forecast area with sufficient MLCAPE and wind shear. Aforementioned dryer boundary layer with more of an inverted-V profile coupled with slightly stronger speed shear aloft lends to the potential of wind gusts at least as strong as observed yesterday. 6pm to 11pm tonight still appears to be the most likely time for storms, but things can get going as early an hour or two earlier.

Area Forecast Discussion

**National Weather Service Boston/Norton MA**
**720 AM EDT Wed Jul 1 2026**

***Greatest risk for convection and potentially some severe weather may wait until Independence Day when a cold front and stronger forcing arrives.***

Area Forecast Discussion
**National Weather Service Boston/Norton MA**
**421 AM EDT Sat Jul 4 2026**

Hot and humid today with a few showers & t-storms this afternoon into tonight...but not a washout. Main severe weather/damaging wind gust threat is to our southwest with just a low risk in our region with the best chance for that in southwest MA/CT.

The other concern for today will be assessing the convective potential. We still expect to generate some modest instability today...but the higher instability/steeper mid level lapse rates will be to our southwest. We often see the convection tend to gravitate towards the axis of better instability. The CAMs seems to want to follow that path as well as they show the main potential for severe weather/damaging wind gusts and most widespread convection to our southwest. That being said...***given modest instability and effective shear of 30-40 knots we can not rule out a low probability of severe weather in our region. This is particularly true across southwest MA/northern CT as it is possible they end up on the northern edge of complex of thunderstorms.***

So in a nutshell...a few showers & t-storms are possible this afternoon into tonight but not expecting a washout. ***While a low risk for severe weather cannot be ruled out...appears the greater potential will be to our southwest. If any severe weather were to our occur in our region the main risk would be locally strong to damaging straight line wind gusts and brief torrential rainfall.***

Area Forecast Discussion

**National Weather Service Boston/Norton MA**
**249 PM EDT Sat Jul 4 2026**

***Scattered showers and thunderstorms possible through the evening. A storm or two may produce strong to damaging wind gusts.***

Convection is continuing across upstate NY and central/south VT. This activity is trying to "split the gap" between southern MA/northern CT/RI and northeastern MA. The northeastern MA solution is winning at the moment, with a cluster of storms crossing over into parts of Essex County as of 2:45 PM EDT.

***High-resolution guidance has been rather ugly in trying to picture how the rest of this afternoon and evening unfolds. Overall, ultimately think that this splits up into two different "events" (such that they are): this afternoon between now and 5-6 PM, and another between 8-11 PM.*** Firework shows this evening could be dicey at times, particularly for eastern MA. Showers and storms move offshore by 2 AM EDT at the latest.

Area Forecast Discussion

**National Weather Service Boston/Norton MA**
**715 PM EDT Sat Jul 4 2026**

Scattered showers and thunderstorms
possible through the evening. A storm or two may produce
strong to damaging wind gusts.