



## WEATHER UPDATE

A free service to member companies of New England Fuel Institute

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### SPECIAL SEVERE WEATHER UPDATE

FAX-ALERT WEATHER SERVICE, LLC

Friday, August 8, 2008 Issued: 11:45 AM

**ATMOSPHERE DESTABILIZING A BIT SLOWER TODAY COMPARED TO YESTERDAY DUE TO A SLIGHTLY COOLER LOW-LEVEL PROFILE, AND A BIT MORE CLOUD COVER...**

**THAT BEING SAID, ATMOSPHERIC SETUP IS QUITE SIMILAR TO YESTERDAY SO I STILL EXPECT SCATTERED TO POSSIBLY NUMEROUS STORMS TO DEVELOP TODAY ANYWHERE FROM EASTERN NEW YORK ON ACROSS NEW ENGLAND, AS WELL AS SOUTHWARD TO INTO PENNSYLVANIA AND NEW JERSEY...**

**THERE ARE HINTS THAT THE OVERALL GREATEST SEVERE THREAT TODAY COULD BE ACROSS SOUTHERN AND EASTERN NEW HAMPSHIRE, EASTERN MASSACHUSETTS, RHODE ISLAND AND CONNECTICUT...**

#### **Discussion:**

I see no major reason to run away from the call for at least scattered strong to locally severe storms to form across parts of the region today. Compared to yesterday we are seeing the atmosphere running a bit behind Thursday's schedule in terms of late morning instability levels. This is likely due to a slightly cooler low-level temperature pattern, and a bit more cloud cover.

**Recent trends over the past hour or so indicate the instability is increasing and we are starting to see strong storms develop across upstate and central NY.** Leftover nighttime rain and showers now across eastern Maine will slowly push off to the east this afternoon.

Given the amount of activity starting to develop across NY, I expect quite a bit of thunderstorm development to spread eastward into much of eastern NY and New England this afternoon, as well as portions of eastern PA/NJ.

Like yesterday, the primary threats will be large hail, torrential rains that might induce areas of flash flooding, frequent lightning, and strong localized damaging wind gusts. The intersection of outflow boundaries may need to be watched for any brief tornado spin-ups, as well.

The overall greatest severe weather concentration may eventually end-up running from southern NH southward into eastern Massachusetts on into CT/RI. That is not meant to imply the threat for severe weather does not exist across many other areas of eastern NY and New England, it certainly does.

So in summary, strong storms are just now starting to develop across portions of NY and I expect this activity to intensify and build eastward into much of New England this afternoon. Considering the overall upper air pattern in place, it will not take much to get storms to once again become locally severe this afternoon and everyone should be aware of how quickly this type of pattern can induce severe storm formation.

**Meteorologist John Bagioni**

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