

**Mesoscale Discussion 1656
NWS Storm Prediction Center Norman OK
0300 PM CDT Tue Jul 16 2024**

Areas affected...Central and Eastern New York into Vermont

Concerning...Severe Thunderstorm Watch 546...547...

Valid 162000Z - 162130Z

The severe weather threat for Severe Thunderstorm Watch 546, 547 continues.

SUMMARY...The severe weather threat continues for WW 547, with measured wind gusts of 65+ MPH and a few tornadoes possible.

DISCUSSION...The severe weather threat continues for Central and Eastern New York this afternoon, as an ongoing linear convective complex moves across the highlight area. Measured wind gusts of 65+ MPH have already been observed, in addition to tornadoes. This convective activity is expected to persist over the next few hours as it moves eastward into Vermont.

There is a localized corridor of enhanced tornado potential in the center of the convective line, where low-level convective organization and rotation is concentrated in a favorable environment of STP > 1. Multiple embedded circulations have been observed already, and will likely persist in the storm term.