

MESOSCALE DISCUSSION 1319
NWS STORM PREDICTION CENTER NORMAN OK
0445 PM CDT TUE JUL 08 2014

AREAS AFFECTED...ERN NY...INCLUDING THE NYC METRO...VT...MA...CT

CONCERNING...SEVERE POTENTIAL...SEVERE THUNDERSTORM WATCH LIKELY

VALID 082145Z - 082245Z

CORRECTED FOR GEOGRAPHIC AREA

PROBABILITY OF WATCH ISSUANCE...80 PERCENT

SUMMARY...DAMAGING WIND THREAT WILL EXTEND EAST OF CURRENT SEVERE THUNDERSTORM WATCH 403. A NEW WATCH WILL LIKELY BE ISSUED WITHIN THE NEXT HOUR OR TWO.

DISCUSSION...A SEVERE THUNDERSTORM WATCH WILL LIKELY BE NEEDED SOON DOWNSTREAM OF WATCH 403 ACROSS ERN NY...INCLUDING THE NYC METRO AREA...INTO VT AND PORTIONS OF MA/CT. A VERY SIMILAR AIRMASS EXISTS ACROSS THIS AREA...DOWNSTREAM OF EASTWARD ADVANCING BOWING SEGMENTS. STRONG BULK SHEAR OF 40-50 KTS ALONG WITH MODEST INSTABILITY AND A DEW POINTS IN THE MID 60S TO NEAR 70 DEG F SHOULD MAINTAIN INTENSITY AND ORGANIZATION OF THE LINE OF STORMS. ADDITIONALLY...POCKETS OF DCAPE GREATER THAN 1000 J/KG WILL FURTHER ENHANCE DAMAGING WIND POTENTIAL. A WATCH WILL LIKELY BE NEEDED WITHIN THE NEXT HOUR OR TWO.

..LEITMAN/HART.. 07/08/2014

...PLEASE SEE WWW.SPC.NOAA.GOV FOR GRAPHIC PRODUCT...

ATTN...WFO...GYX...BOX...BTV...OKX...ALY...PHI...BGM...BUF...

LAT...LON	45087400	45017209	44497185	42847212	41267248	40757268
	40597294	40527357	40617403	40867456	41437503	42877526
	44457550	44947506	45087400			