

MESOSCALE DISCUSSION 1809
NWS STORM PREDICTION CENTER NORMAN OK
0630 PM CDT FRI JUL 18 2008

AREAS AFFECTED...EASTERN NY AND MA/CT/NH/VT/WESTERN MAINE

CONCERNING...SEVERE THUNDERSTORM WATCH 698...

VALID 182330Z - 190100Z

THE SEVERE WEATHER THREAT FOR SEVERE THUNDERSTORM WATCH 698
CONTINUES.

SEVERE TSTM WATCH 698 IS SCHEDULED TO EXPIRE AT 00Z...WITH A
DIMINISHING CONVECTIVE INTENSITY TREND EXPECTED THE REMAINDER OF THE
EVENING. EVEN SO...PORTIONS OF THE WATCH /MAINLY NORTHEAST NY AND
PORTIONS OF MA/ MAY NEED TO BE CONSIDERED FOR A LOCAL WATCH
EXTENSION.

PRIMARY SEVERE CONVECTIVE LINE WITH HISTORY OF WIDESPREAD WIND
DAMAGE/HAIL CONTINUES TO RACE SOUTHEASTWARD OFF THE WESTERN MAINE/NH
COAST AT THIS TIME. FARTHER WEST...ANOTHER MODESTLY ORGANIZED TSTM
CLUSTER CONTINUES TO ADVANCE EASTWARD ACROSS CENTRAL MA AS OF
2315Z...AND A DOWNSTREAM WARM/MOIST BOUNDARY LAYER MAY SUPPORT A
CONTINUED SEVERE RISK FROM CENTRAL INTO PORTIONS OF EASTERN MA OVER
THE NEXT 1-2 HOURS. ALONG THE SURFACE FRONTAL ZONE...OTHER STRONG
TSTMS HAVE SPREAD INTO NORTHERN NY OVER THE PAST HOUR. OVERALL...THE
CONVECTIVELY OVERTURNED NATURE OF MUCH OF WW 698 AND A GRADUALLY
COOLING/DECOUPLING BOUNDARY LAYER IS SUGGESTIVE OF A DECREASING
SEVERE TSTM THREAT OVER THE NEXT FEW HOURS. NEVERTHELESS...SMALL
PORTIONS OF WW 698 MAY WARRANT CONSIDERATION FOR TEMPORAL WATCH
EXTENSION BEYOND 00Z.

..GUYER.. 07/18/2008

ATTN...WFO...GYX...BOX...BTV...ALY...

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