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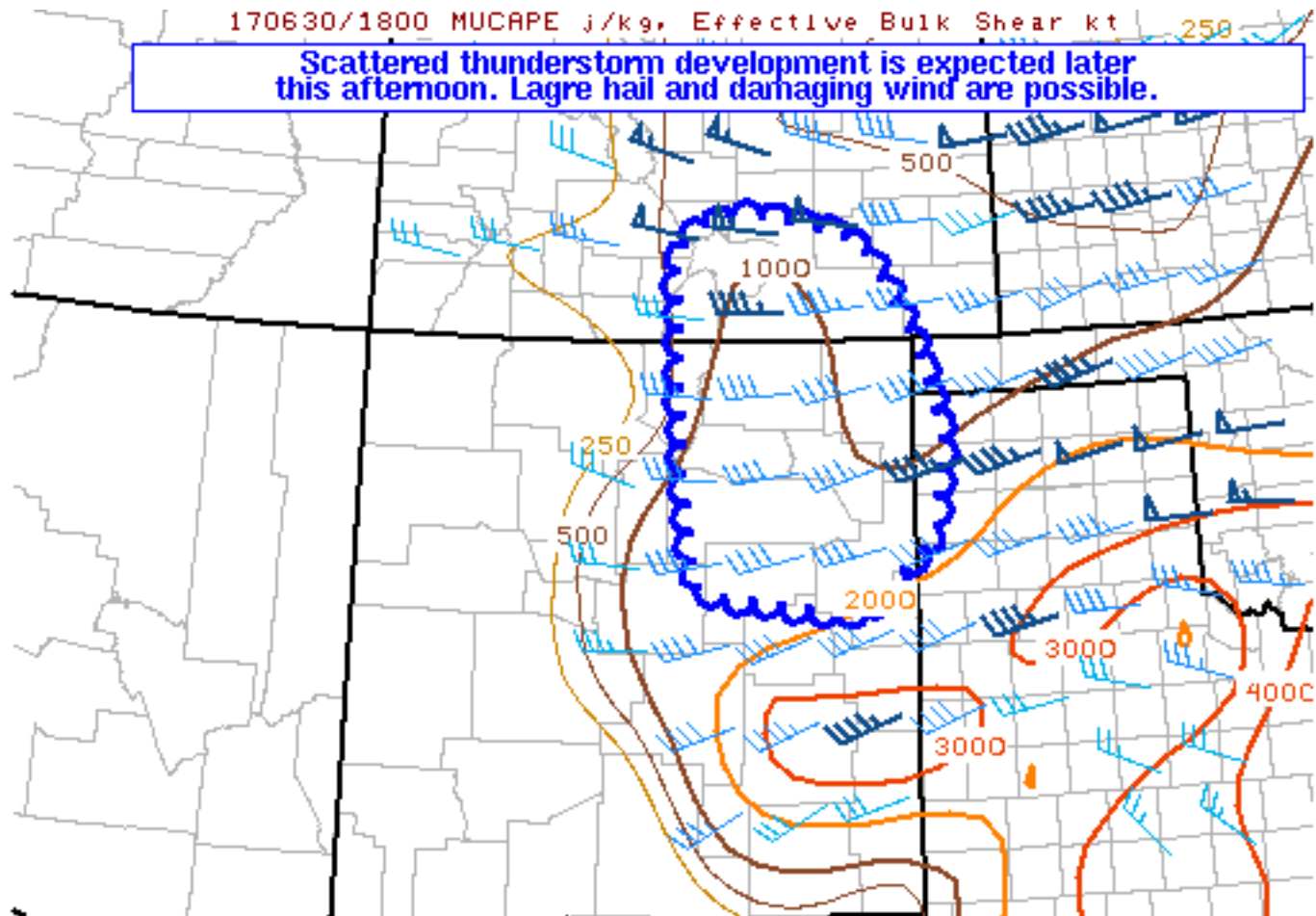
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Mesoscale Discussion 1198

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170630/1800 MUCAPE j/kg, Effective Bulk Shear kt

Scattered thunderstorm development is expected later
this afternoon. Large hail and damaging wind are possible.



SPC MCD #1198

Mesoscale Discussion 1198

NWS Storm Prediction Center Norman OK

0154 PM CDT Fri Jun 30 2017

Areas affected...South-central/southeast CO...Northeast NM...Far
western OK/TX Panhandles

Concerning...Severe potential...Watch possible

Valid 301854Z - 302100Z

Probability of Watch Issuance...40 percent

SUMMARY...Scattered thunderstorm development is expected later this
afternoon. Large hail and damaging wind will be possible, and watch
issuance is possible later this afternoon.

DISCUSSION...Visible satellite indicates towering cumulus developing
over the the Sangre de Cristo range of New Mexico, to the east and
northeast of Sante Fe. Modestly moist upslope flow, in conjunction
with continued heating/destabilization, will eventually result in

scattered thunderstorm development across the higher terrain of northern NM and southern CO. Steep midlevel lapse rates/moderate instability and sufficient effective shear will favor supercell development with time, with a corresponding threat of large hail and perhaps locally damaging wind.

With time, convection will spread southeast into the lower elevations of southeast CO/northeast NM, and eventually into the OK/TX Panhandles. There is some potential for upscale growth and an increasing damaging wind threat with time, though even if convection remains largely discrete, the large hail threat and isolated damaging gust threat will persist. Watch issuance is possible later this afternoon over portions of the area to cover the threat.

..Dean/Hart.. 06/30/2017

...Please see www.spc.noaa.gov for graphic product...

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Page last modified: June 30, 2017

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