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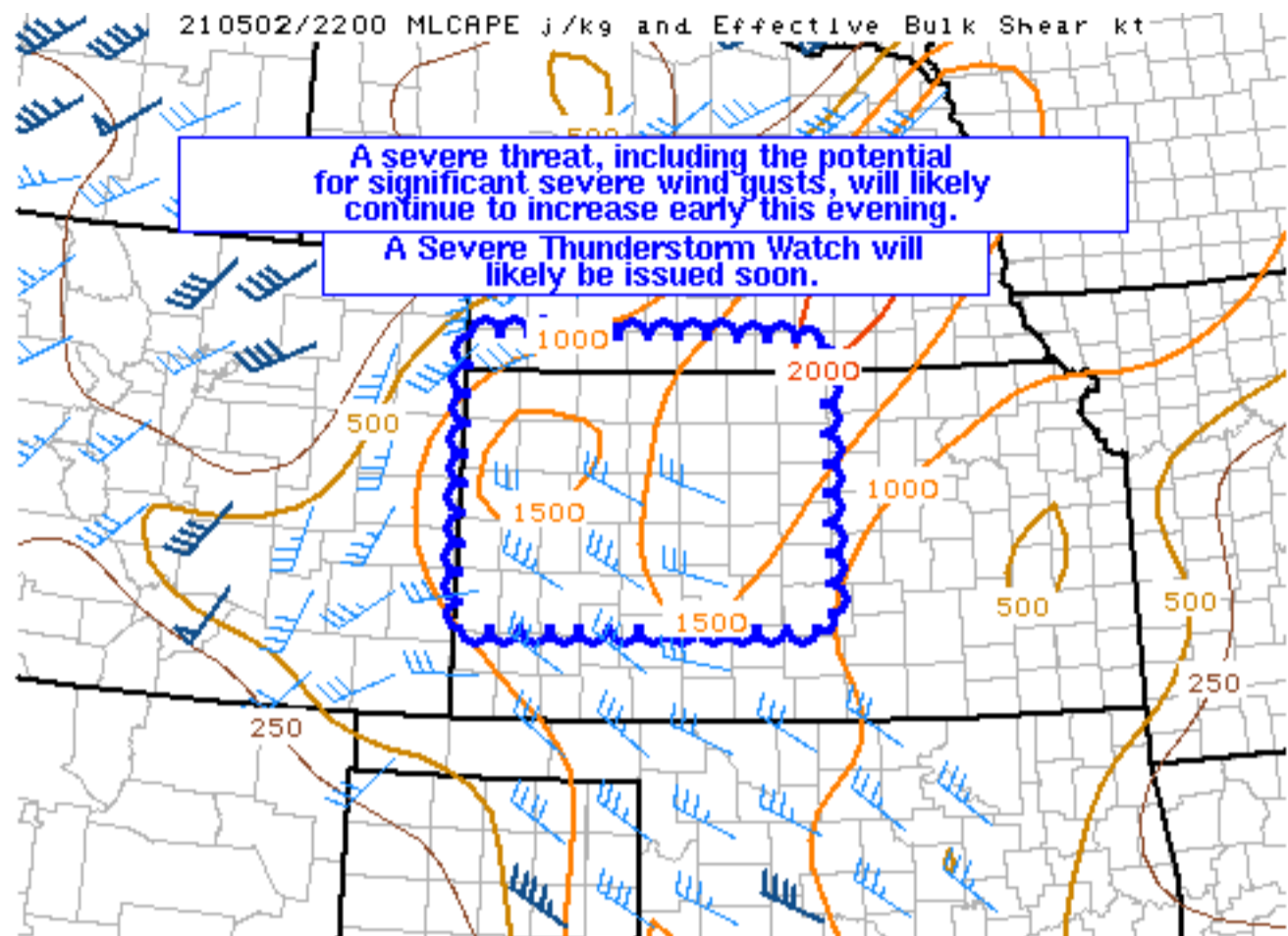
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Mesoscale Discussion 479

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SPC MCD #0479

Mesoscale Discussion 0479
 NWS Storm Prediction Center Norman OK
 0526 PM CDT Sun May 02 2021

Areas affected...Portions of western/central KS

Concerning...Severe potential...Severe Thunderstorm Watch likely

Valid 022226Z - 022330Z

Probability of Watch Issuance...95 percent

SUMMARY...Severe threat, including the potential for significant severe wind gusts, will likely continue to increase early this evening. A Severe Thunderstorm Watch will likely be issued.

DISCUSSION...Convection has recently begun to form along a surface front in north-central KS as low-level convergence gradually increases late this afternoon. Additional robust storm development will likely occur/form along the KS/CO border and subsequently spread eastward. As this activity encounters increasing low-level moisture and rather well mixed airmass, damaging/severe wind gusts will likely become the main threat very quickly. Isolated large hail may also occur. Given the deeply mixed boundary layer and convection likely to focus along the surface front and grow upscale quickly, significant severe wind gusts appear possible. A Severe Thunderstorm Watch will be issued soon to address this increasing threat.

..Gleason/Thompson.. 05/02/2021

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

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