

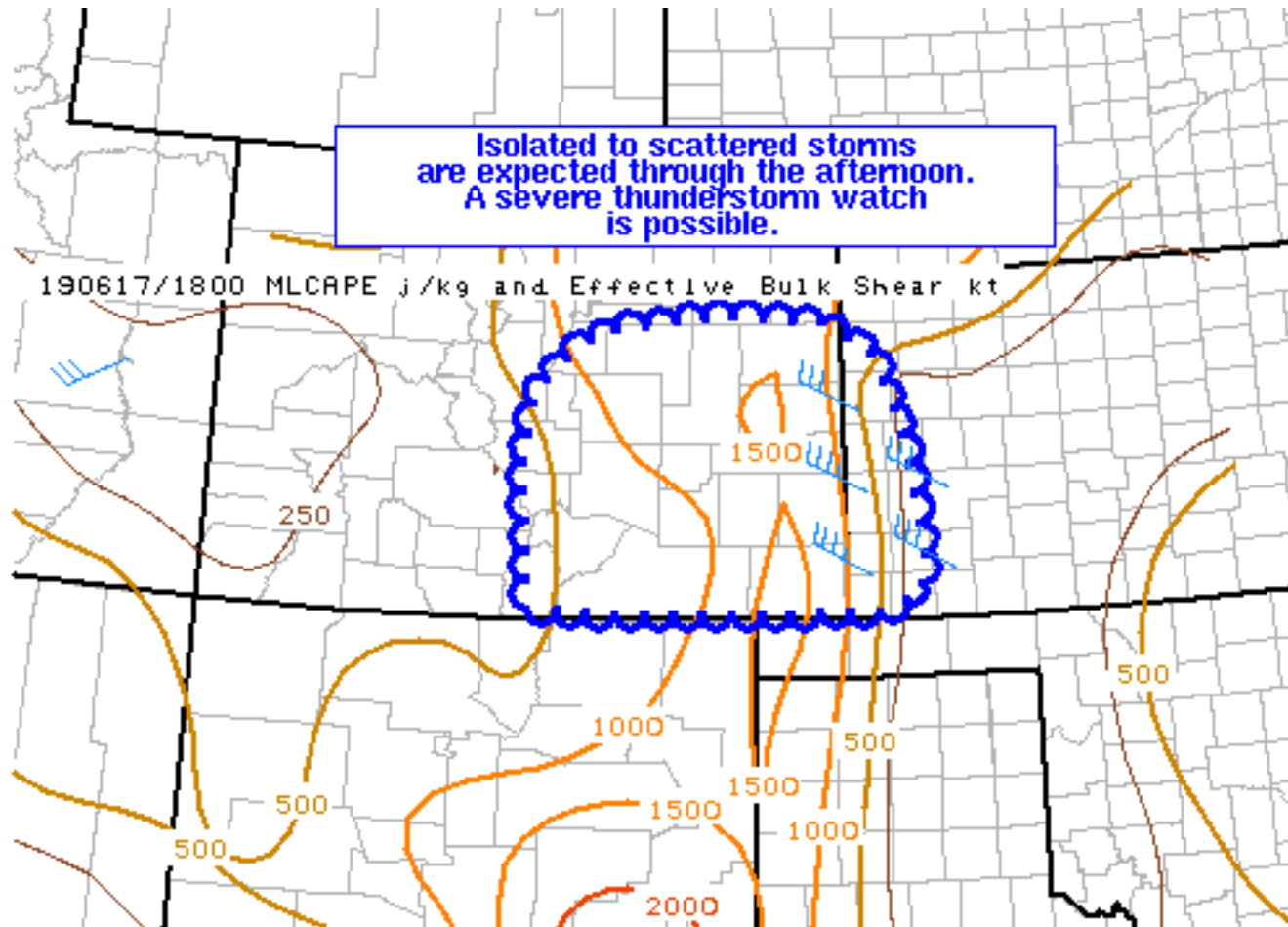
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Mesoscale Discussion 1107

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SPC MCD #1107

Mesoscale Discussion 1107

NWS Storm Prediction Center Norman OK

0220 PM CDT Mon Jun 17 2019

Areas affected...southeast Colorado...and far western Kansas

Concerning...Severe potential...Watch possible

Valid 171920Z - 172045Z

Probability of Watch Issuance...40 percent

SUMMARY...Isolated to scattered strong to severe storms are expected through the afternoon. A severe thunderstorm watch is possible.

DISCUSSION...Storms have developed in eastern Colorado in a localized confluence zone with MLCAPE around 1500 J/kg and effective shear around 25 to 30 knots. This will be sufficient for at least some storm organization with multicell or weak supercell structures possible. As these storms move east, they will move into a less unstable air mass which will likely limit the longevity of the



threat. A severe thunderstorm watch is possible, but the limited duration of the threat and only isolated development expected farther west may preclude the need or a severe thunderstorm watch in this area.

..Bentley/Guyer.. 06/17/2019

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

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