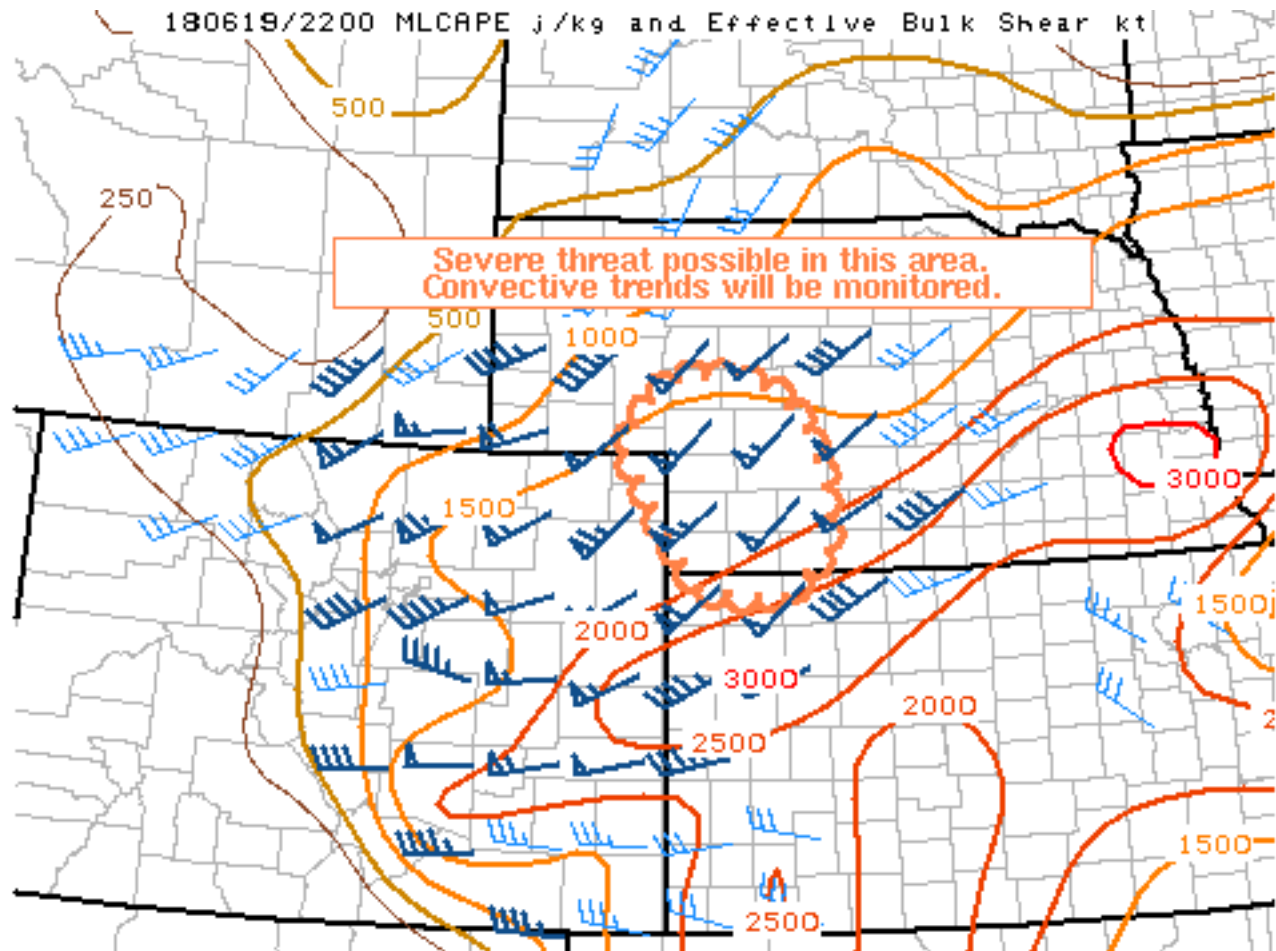


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## Mesoscale Discussion 795

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Mesoscale Discussion 0795

NWS Storm Prediction Center Norman OK

0528 PM CDT Tue Jun 19 2018

Areas affected...Southwest Nebraska

Concerning...Severe potential...Watch possible

Valid 192228Z - 200030Z

Probability of Watch Issuance...40 percent

SUMMARY...Severe threat increasing across the discussion area.  
Convective trends are being monitored.

DISCUSSION...Convection with transient supercell characteristics entering Phillips County, Colorado is expected to continue propagating eastward into southwest Nebraska. Here, the ambient environment is characterized by moderate buoyancy (mainly driven by rich low-level moisture), strong bulk effective shear of around 60 knots, and respectable low-level directional shear. As such, the

Colorado storms may persist eastward into this favorable environment. The combination of wet-bulb freezing temperatures below 10,000 feet and favorable shear environment suggest that large hail will be the predominant threat with this activity.

Given the isolated spatial extent of the threat, a WW issuance may not be needed, but convective trends will continue to be monitored.

..Squitieri/Jirak/Guyer.. 06/19/2018

...Please see [www.spc.noaa.gov](http://www.spc.noaa.gov) for graphic product...

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