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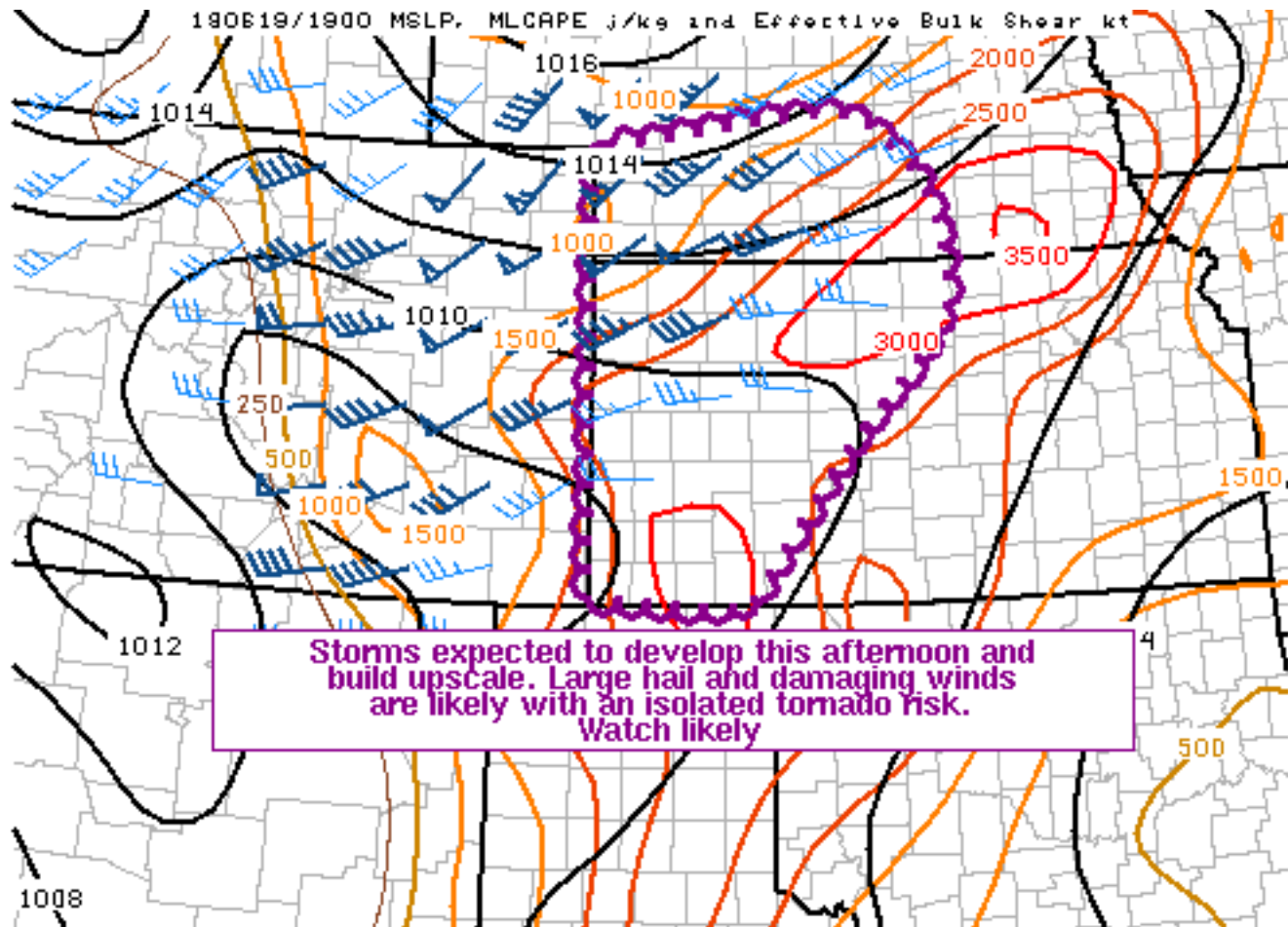
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Mesoscale Discussion 794

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SPC MCD #0794

Mesoscale Discussion 0794

NWS Storm Prediction Center Norman OK

0309 PM CDT Tue Jun 19 2018

Areas affected...Western Kansas and Southwest Nebraska

Concerning...Severe potential...Watch likely

Valid 192009Z - 192215Z

Probability of Watch Issuance...80 percent

SUMMARY...Storms will continue to develop across western Kansas and eventually into southwest Nebraska. Large hail and damaging winds are likely with an isolated tornado risk.

DISCUSSION...Storms have begun to initiate across far southeast Colorado and western Kansas among a building cumulus field along a surface front. Effective bulk shear of 30-50 knots and MLCAPE of 1500-3000 J/kg should support vigorous, rotating updrafts and possibly supercell development. With little to no capping, numerous

updrafts should form and build upscale rather quickly into a multi-cell cluster that could form a late evening to overnight MCS. There is the possibility of redevelopment behind the initial storms along the surface front and anticipated outflow boundaries ahead of the approaching storms in eastern Colorado. Large hail and damaging winds are likely with an isolated tornado risk.

..Nauslar/Weiss.. 06/19/2018

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

ATTN...WFO...ICT...GID...LBF...DDC...GLD...AMA...BOU...

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