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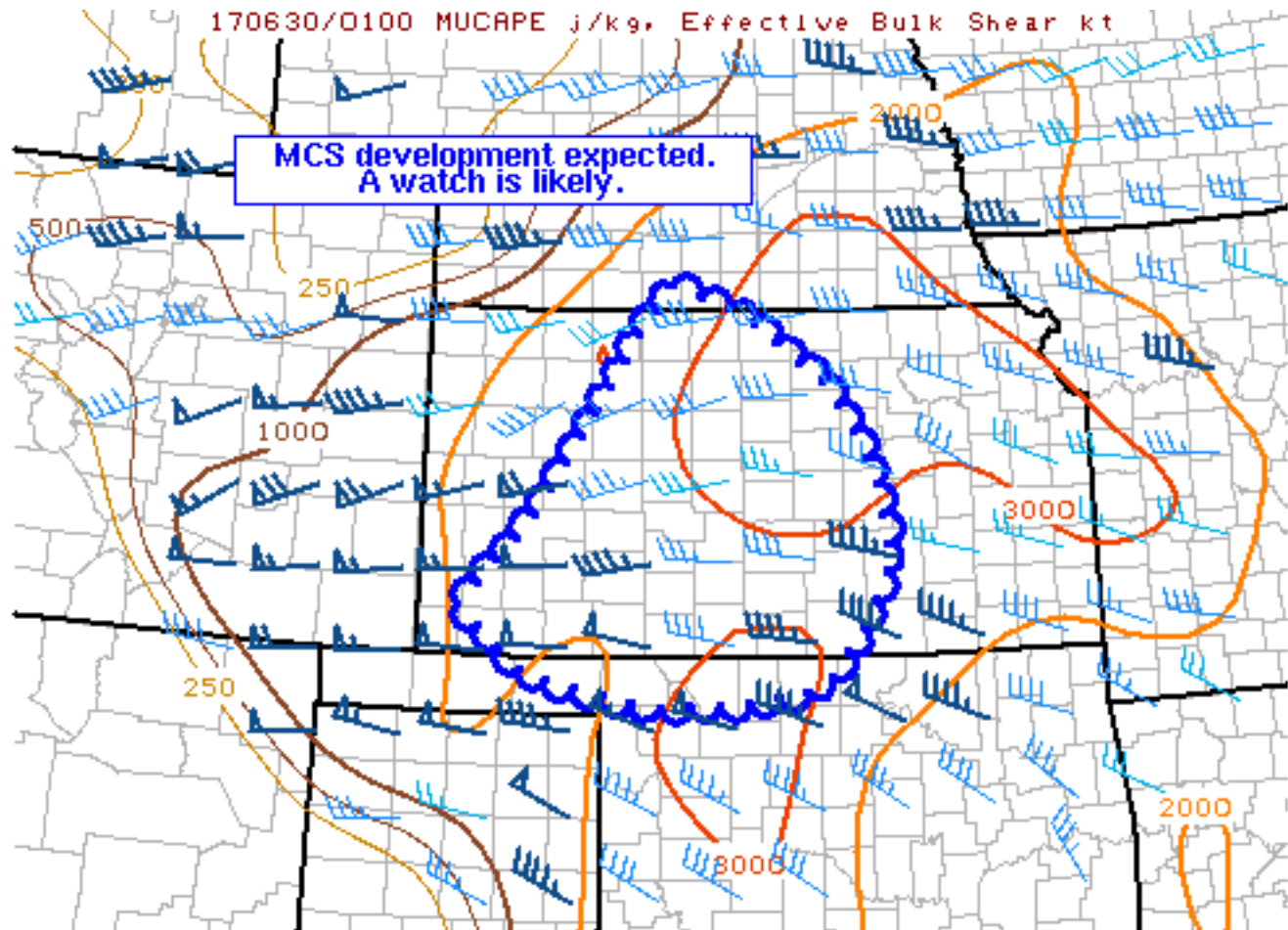
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SPC MCD #1190

Mesoscale Discussion 1190

NWS Storm Prediction Center Norman OK

0837 PM CDT Thu Jun 29 2017

Areas affected...western/central Kansas and far northern Oklahoma

Concerning...Severe potential...Watch likely

Valid 300137Z - 300300Z

Probability of Watch Issuance...95 percent

SUMMARY...Thunderstorms over western Kansas are expected to continue moving eastward and eventually organize into an MCS. The severe-weather hazards will include large hail and damaging winds, transitioning to primarily a wind threat after upscale growth occurs. A severe thunderstorm watch is likely needed.

DISCUSSION...Severe thunderstorms moving eastward out of western Kansas will encounter a more unstable environment across central Kansas, characterized by MUCAPE values around 2500 J/kg and

deep-layer shear around 40 knots. As the southerly low-level jet increases this evening across western Oklahoma and the eastern Texas Panhandle, this should support ongoing storms and new initiation across southwestern Kansas. Storms will initially pose a risk of large hail and damaging winds. As upscale growth occurs throughout the evening, damaging winds will become the primary severe-weather threat.

..Jirak/Weiss.. 06/30/2017

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

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