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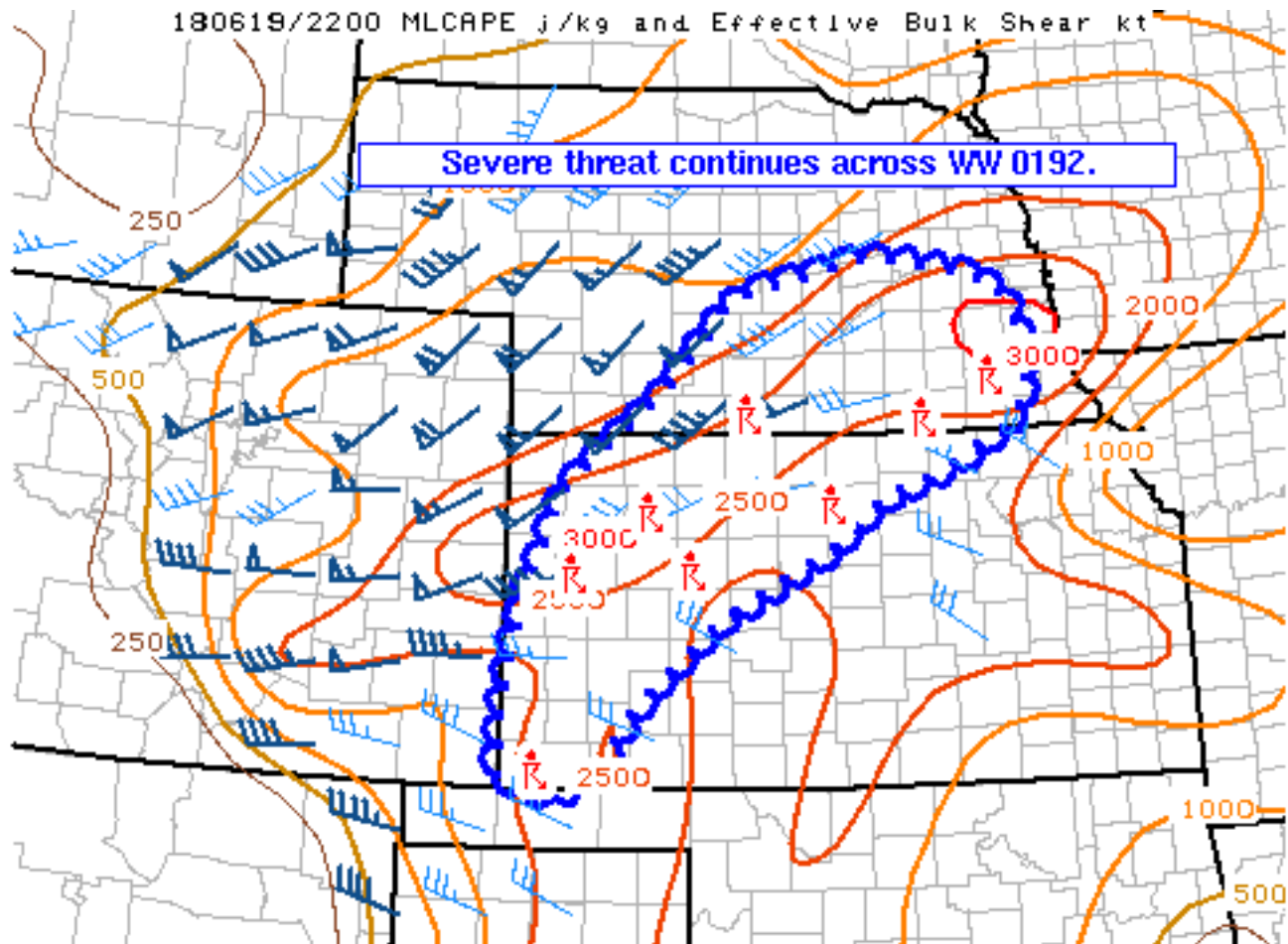
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Mesoscale Discussion 796

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SPC MCD #0796

Mesoscale Discussion 0796

NWS Storm Prediction Center Norman OK

0612 PM CDT Tue Jun 19 2018

Areas affected...Southern Nebraska...northern and western Kansas

Concerning...Severe Thunderstorm Watch 192...

Valid 192312Z - 200115Z

The severe weather threat for Severe Thunderstorm Watch 192 continues.

SUMMARY...Severe threat continues across Severe Thunderstorm Watch 0192. Large hail will likely be the main threat along with isolated damaging wind gusts.

DISCUSSION...Multicell clusters are in progress across much of the area under Severe Thunderstorm Watch 0192. Stronger effective bulk shear values are present in western Kansas, where occasional supercell structures have been observed. Deep-layer and low-level

shear decrease with eastward extent, suggesting that storms will remain multicellular and outflow dominant in eastern portions of the watch and perhaps points east.

CAPE of 500+ J/Kg in the -10 to -30 C layer suggests that large hail will remain a concern, while a relatively well-mixed boundary layer should promote strong evaporative cooling with an associated risk for isolated damaging wind gusts with the more intense storms.

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

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

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