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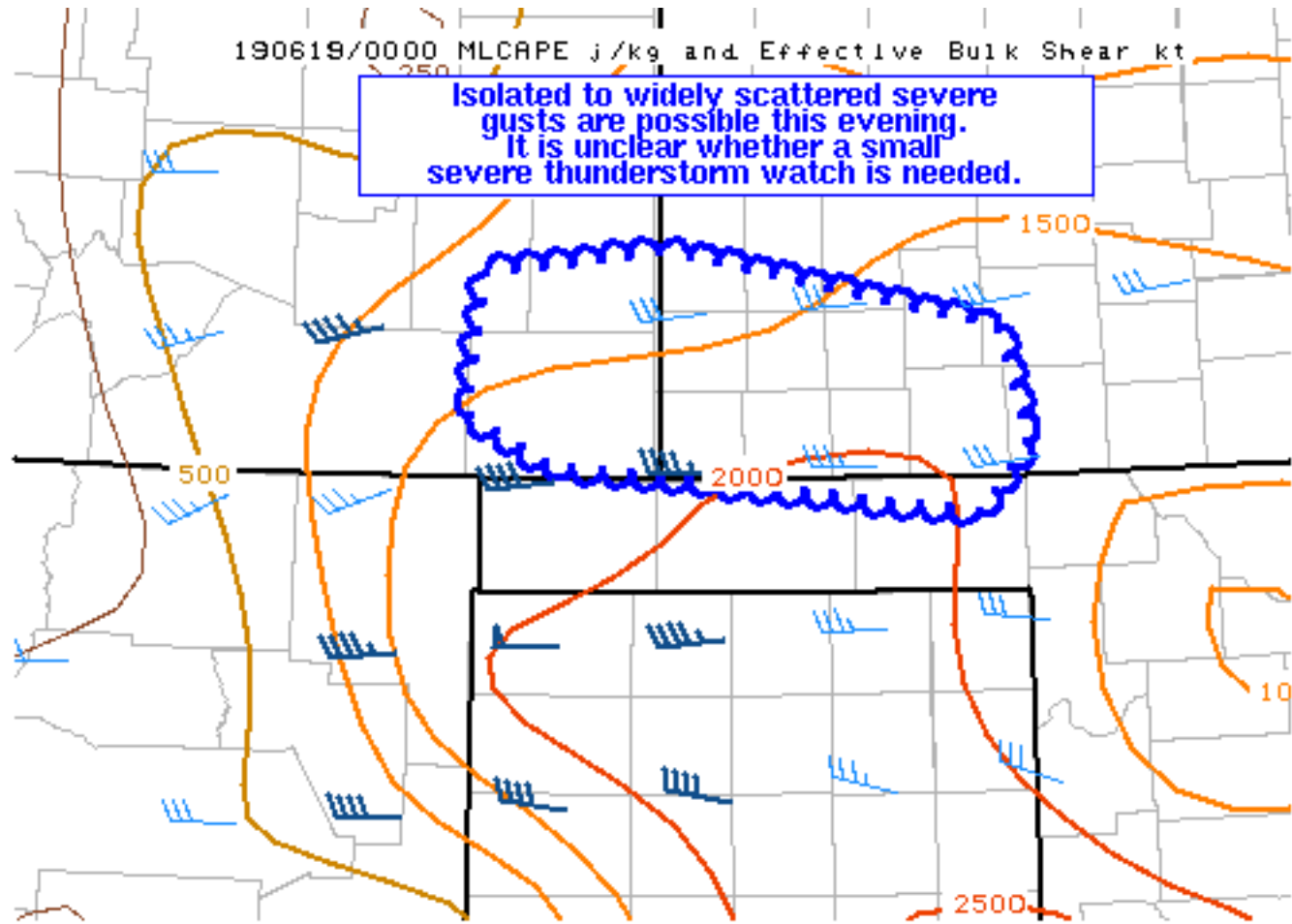
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## Mesoscale Discussion 1126

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SPC MCD #1126

Mesoscale Discussion 1126

NWS Storm Prediction Center Norman OK

0712 PM CDT Tue Jun 18 2019

Areas affected...extreme southeast CO...southwest KS

Concerning...Severe Thunderstorm Watch 396...

Valid 190012Z - 190115Z

The severe weather threat for Severe Thunderstorm Watch 396 continues.

SUMMARY...An organized line segment over southeast CO will likely move into southwest KS during the evening. It is unclear whether a small severe thunderstorm watch is needed over southwest KS to the east of severe thunderstorm watch 396. Severe gusts are the primary hazard this evening.

DISCUSSION...Radar mosaic shows a line segment over extreme southeast CO approaching the KS/CO border in the next 1-2 hours.



Radar imagery and surface analysis indicate a southwestward-moving outflow boundary over southwest KS. This boundary is shallow according to the 00z Dodge City raob. Although westerly flow is modest (25-30kt) through much of the troposphere, around 1000 J/kg MLCAPE was present at Dodge City and greater buoyancy is likely near the CO/KS/OK border where surface temperatures are warmer ahead of the outflow. Given the overall scenario of moderate deep-layer shear/instability, there may be a couple of downdrafts capable of severe gusts this evening but coverage of these gusts is less certain.

..Smith.. 06/19/2019

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

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NOAA / National Weather Service  
National Centers for Environmental Prediction  
Storm Prediction Center  
120 David L. Boren Blvd.  
Norman, OK 73072 U.S.A.  
[spc.feedback@noaa.gov](mailto:spc.feedback@noaa.gov)  
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