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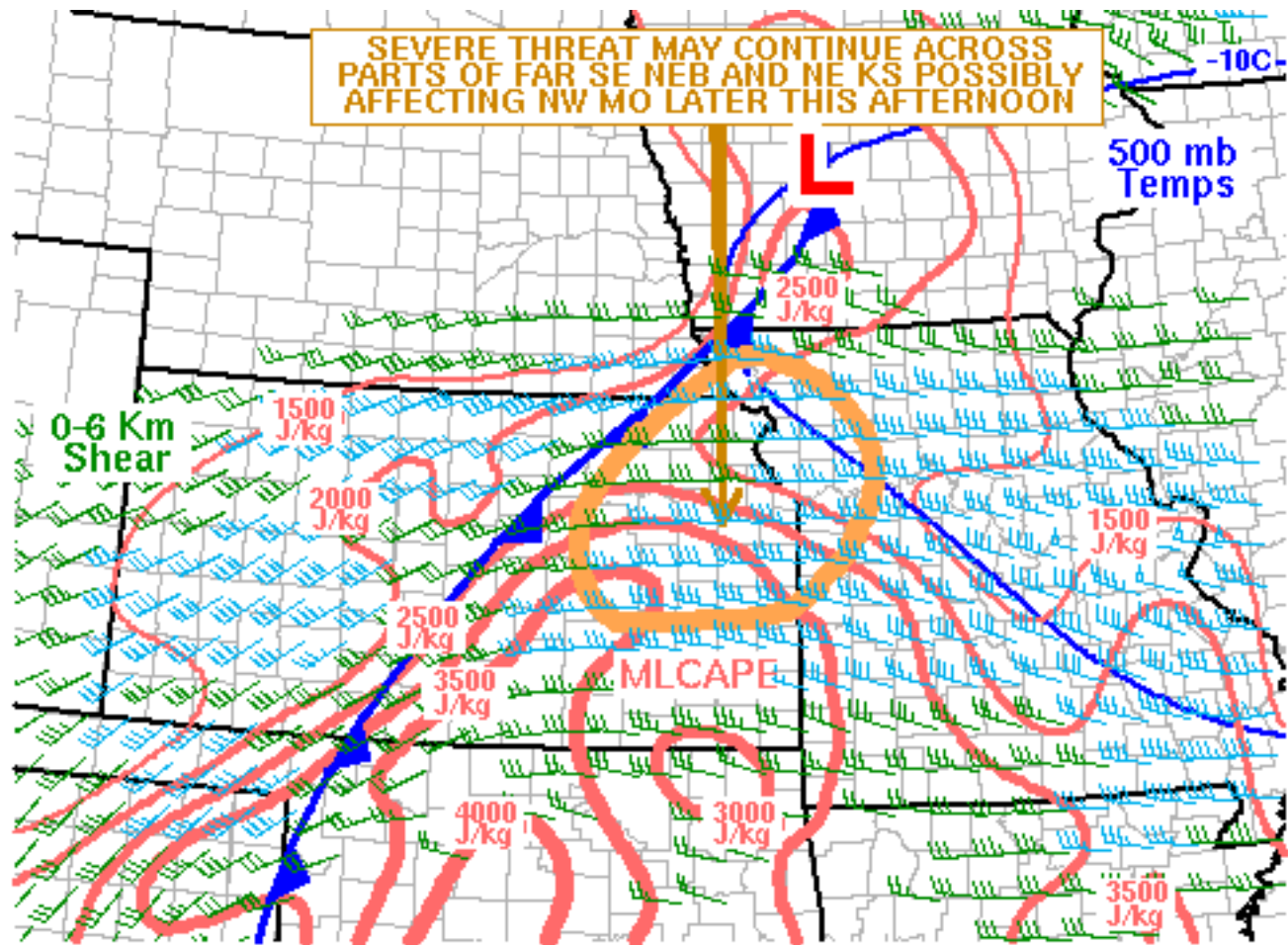


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## Mesoscale Discussion 1075

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**SPC MCD #1075**

Mesoscale Discussion 1075

NWS Storm Prediction Center Norman OK

0356 PM CDT Sat Jun 15 2019

 Areas affected...Northeast Kansas...Far Southeast  
 Nebraska...Northwest Missouri

Concerning...Severe potential...Watch possible

Valid 152056Z - 152330Z

Probability of Watch Issuance...40 percent

SUMMARY...A severe threat appears likely to continue in far southeast Nebraska and northeast Kansas this afternoon. Isolated large hail and wind damage should be the primary threats. Trends will be monitored for the possibility of a weather watch.

DISCUSSION...The latest surface analysis shows a 1002 mb low in Iowa with a cold front extending southwestward into far southeast Nebraska and northeastern Kansas. Thunderstorms have developed along



the front over the last couple of hours. Ahead of the front, surface dewpoints are in the mid to upper 60s F with the RAP estimating MLCAPE values in the 2000 to 3000 J/kg range. This combined with 30 to 35 kt of 0-6 km shear, evident on RAP forecast soundings, may be sufficient for a severe threat. Ahead of the front, surface winds are veered to the southwest. This combined with a linear storm mode, should favor wind damage as the greatest threat. However, any rotating storm that can develop could also have isolated large hail as well.

..Broyles/Kerr.. 06/15/2019

...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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