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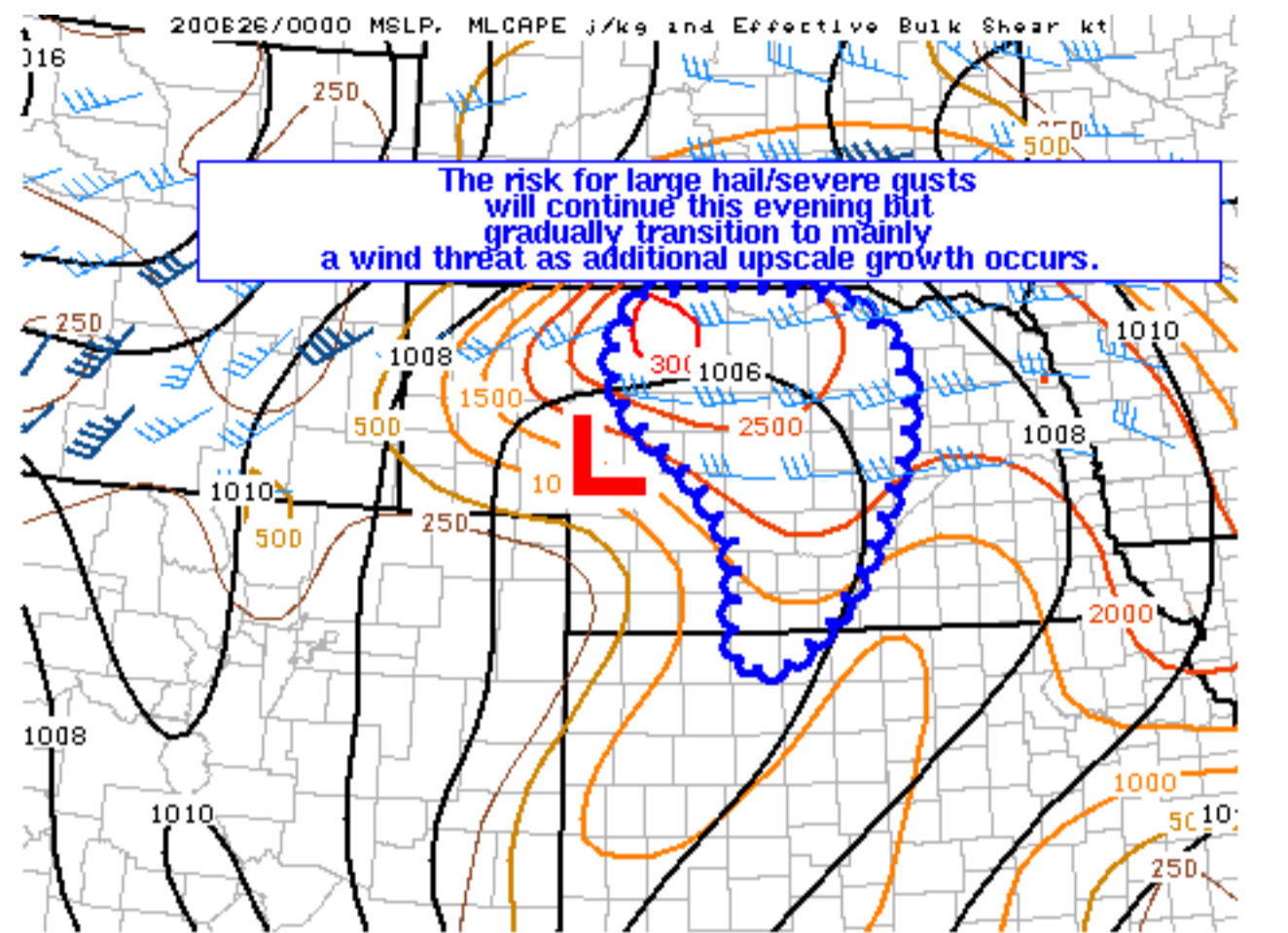
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Mesoscale Discussion 1005

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The risk for large hail/severe gusts will continue this evening but gradually transition to mainly a wind threat as additional upscale growth occurs.

SPC MCD #1005

Mesoscale Discussion 1005
NWS Storm Prediction Center Norman OK
0745 PM CDT Thu Jun 25 2020

Areas affected...central NE...far northern KS

Concerning...Severe Thunderstorm Watch 304...

Valid 260045Z - 260145Z

The severe weather threat for Severe Thunderstorm Watch 304 continues.

SUMMARY...The risk for large hail/severe gusts will continue this evening but the risk will gradually transition to mainly a wind threat as additional upscale growth occurs this evening.

DISCUSSION...7pm surface analysis indicates a low over west-central NE with a low-level moisture plume wrapping cyclonically around the low from eastern NE westward into north-central NE and into the eastern NE Panhandle. Within the moisture plume, larger CAPE is noted in objective analysis with 2000-3000 J/kg MLCAPE over central NE. Farther east, weaker buoyancy was sampled by the 7pm Omaha observed sounding (1400 J/kg MLCAPE). Although deep-layer flow remains modest, ample buoyancy has combined to result in organized severe storm structures early this evening. The more intense thunderstorms will likely continue to pose a risk for large hail and severe gusts. A southerly LLJ is forecast to strengthen during the evening coincident with cold pools coalescing, which will favor additional upscale growth. The severe risk is expected to transition to mainly a threat for severe gusts (60-70 mph) with the stronger downdrafts as storms gradually move east through central portions of NE.

..Smith.. 06/26/2020

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

ATTN...WFO...OAX...GID...LBF...GLD...

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