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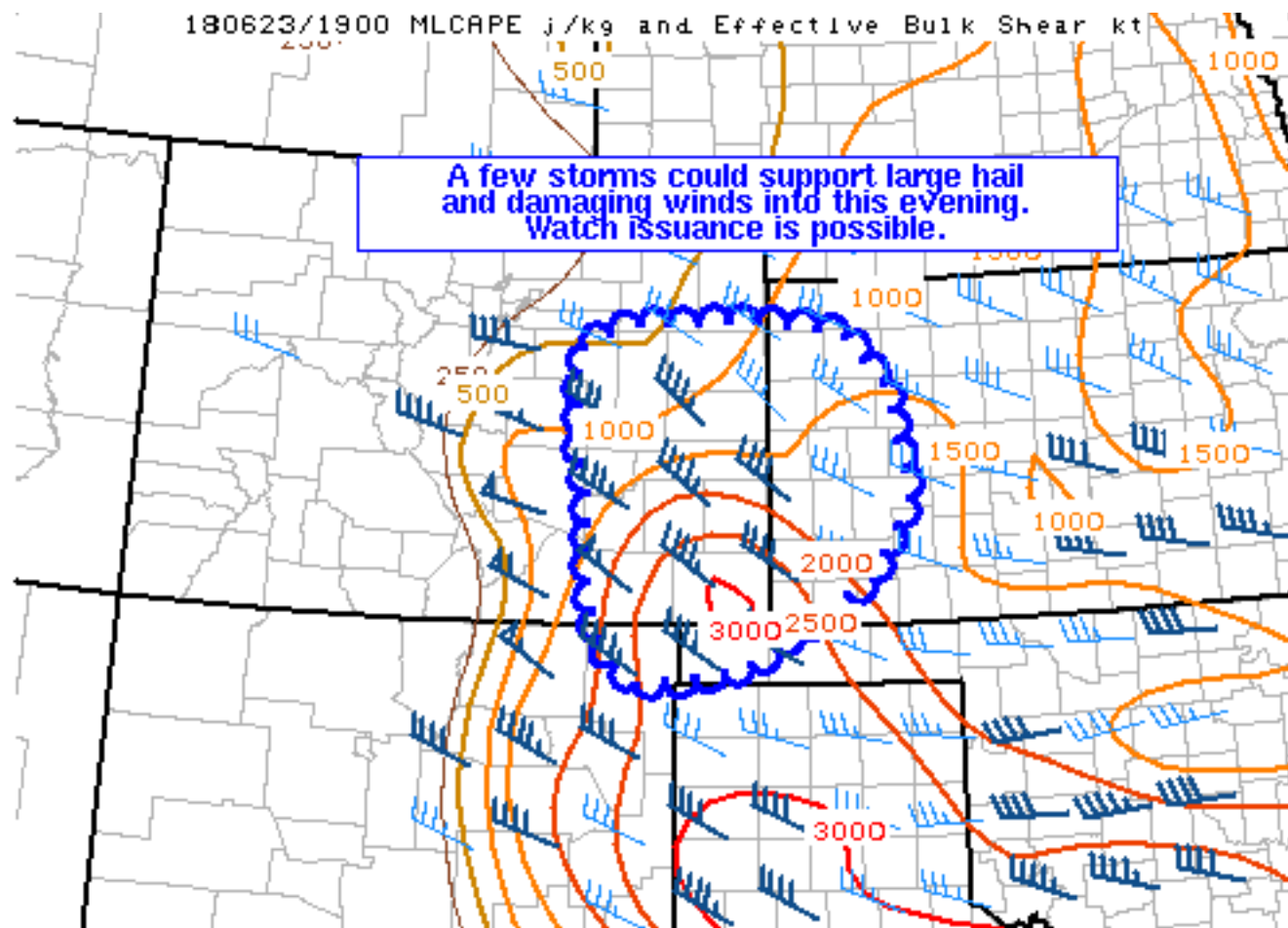
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Mesoscale Discussion 839

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SPC MCD #0839

Mesoscale Discussion 0839

NWS Storm Prediction Center Norman OK

0236 PM CDT Sat Jun 23 2018

Areas affected...Portions of the southern/central High Plains

Concerning...Severe potential...Watch possible

Valid 231936Z - 232130Z

Probability of Watch Issuance...60 percent

SUMMARY...Isolated thunderstorms could pose a risk for large hail and damaging winds into this evening. Watch issuance could be needed.

DISCUSSION...A few strong/severe storms have developed near the Palmer Divide eastward into northwest Kansas this afternoon, amidst an environment characterized by favorable effective shear, but modest boundary-layer moisture (e.g., upper 40s/lower 50s dew points). Still, sufficient mixed-layer buoyancy exists for isolated

multicells/splitting supercells, capable of large hail and damaging winds. If a few cells continue to organize and evolve southeastward into improved storm-relative flow and higher dew points, an increasing severe threat would likely evolve, perhaps in the form of a small convective complex. As such, convective trends are being monitored for possible watch issuance.

..Picca/Thompson.. 06/23/2018

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

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Page last modified: June 23, 2018

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