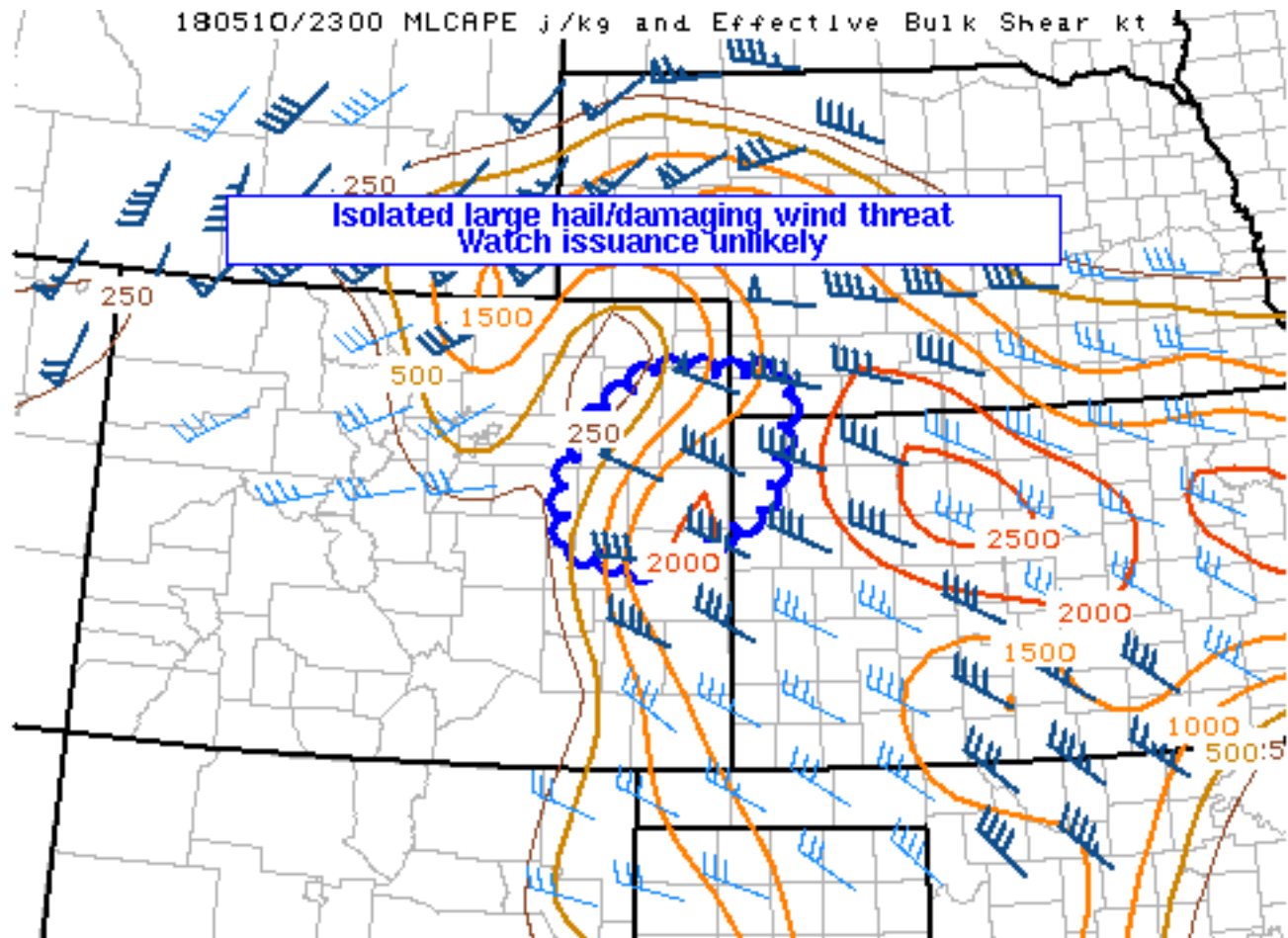


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## Mesoscale Discussion 382

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SPC MCD #0382

Mesoscale Discussion 0382

NWS Storm Prediction Center Norman OK

0706 PM CDT Thu May 10 2018

Areas affected...eastern CO... far northwest KS... and far southwest NE

Concerning...Severe potential...Watch unlikely

Valid 110006Z - 110200Z

Probability of Watch Issuance...20 percent

SUMMARY...An isolated threat for large hail and damaging winds exists the next few hours... watch issuance unlikely.

DISCUSSION...Isolated severe storms have developed across portions of eastern CO in response to diurnal heating and low-level upslope flow. Despite moving into an environment with MLCAPE of 1500-2000 J/kg and effective bulk shear of 40-50 kt, a strong capping inversion should help limit the overall coverage, and eventually,



intensity of these storms. Thus, an isolated threat for large hail and damaging winds will remain possible for the next few hours, however, issuance of a severe thunderstorm watch is not currently expected.

..Karstens/Guyer.. 05/11/2018

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

ATTN...WFO...LBF...GLD...BOU...

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