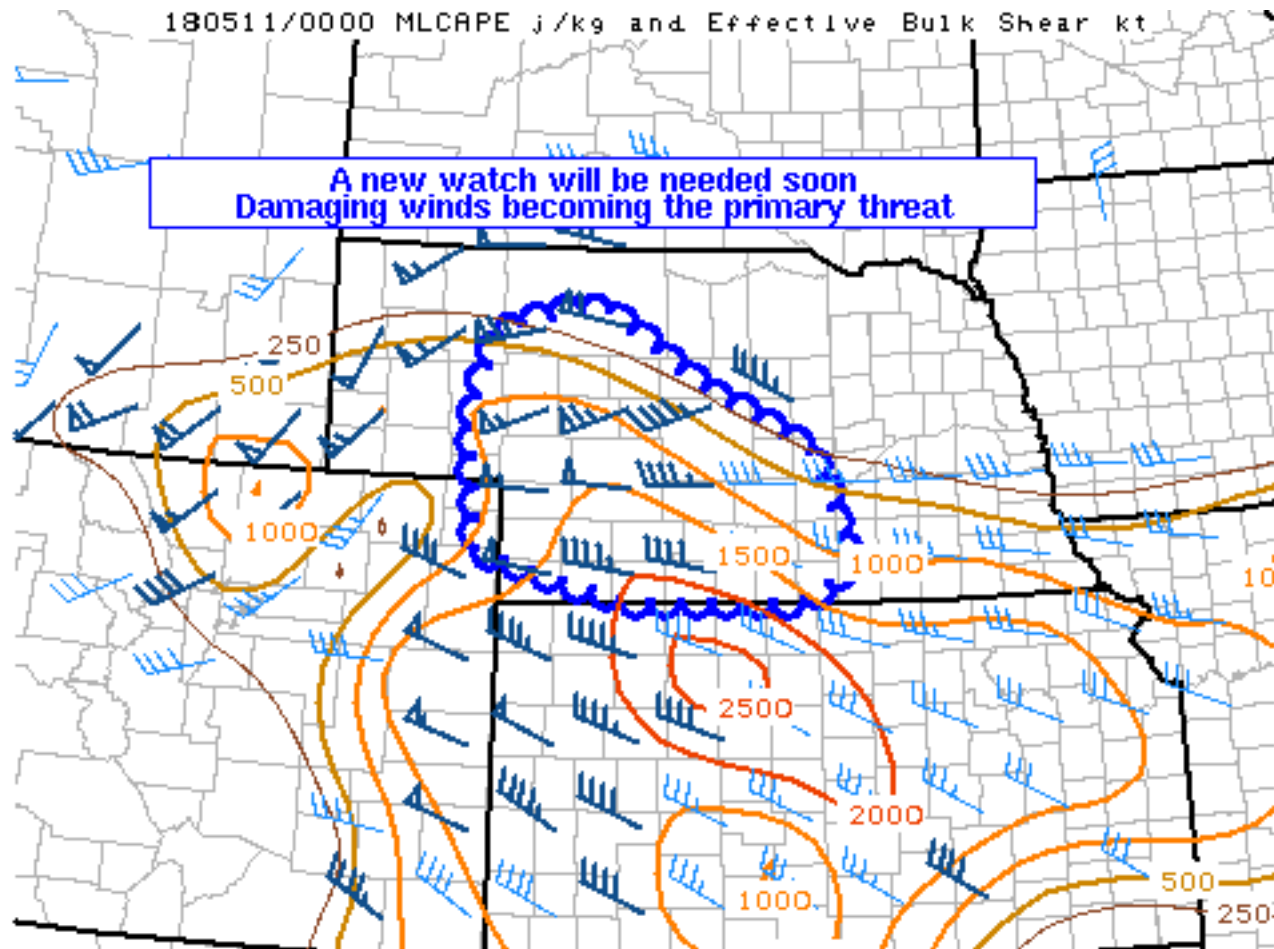


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Mesoscale Discussion 383

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SPC MCD #0383

Mesoscale Discussion 0383

NWS Storm Prediction Center Norman OK

0739 PM CDT Thu May 10 2018

Areas affected...central NE

Concerning...Severe potential...Watch likely

Valid 110039Z - 110245Z

Probability of Watch Issuance...95 percent

SUMMARY...A new watch will be needed soon... damaging winds becoming the primary threat.

DISCUSSION...Scattered thunderstorms currently located in west-central NE are beginning to merge into a linear convective system. Surface observations across south-central NE show dew points remaining in the mid 50s F with southeasterly surface winds and an increasing low-level jet per the UEX VAD. In addition, MLCAPE ranges from 1000-1500 J/kg with effective bulk shear of 35-40 kt ahead of



the storms. Thus, the ongoing storms are expected to remain organized across this area, with damaging winds becoming the primary threat, requiring a new watch.

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

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

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

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