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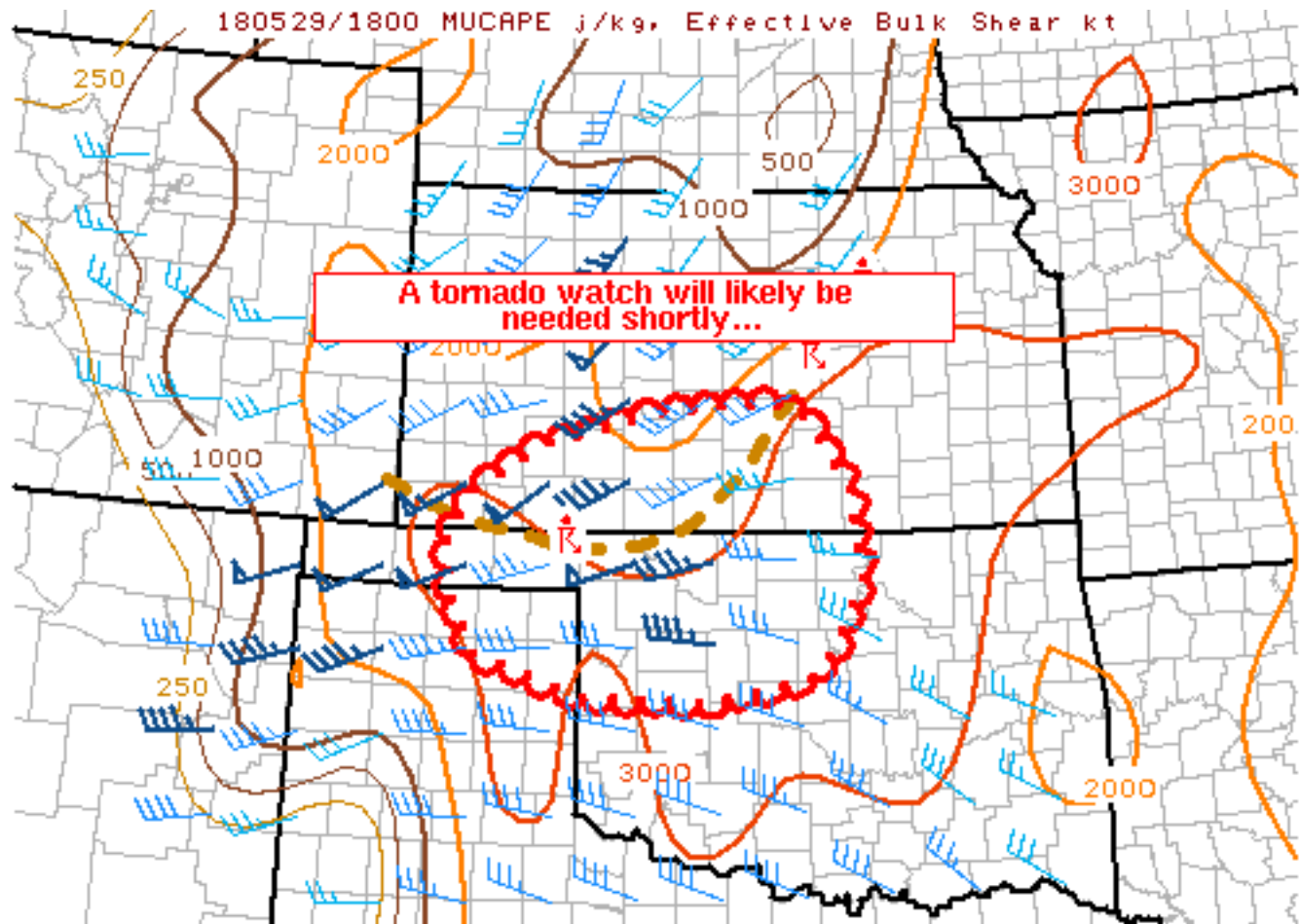
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Mesoscale Discussion 565

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SPC MCD #0565

Mesoscale Discussion 0565

NWS Storm Prediction Center Norman OK

0155 PM CDT Tue May 29 2018

Areas affected...Southwestern/South-central

Kansas...northwestern/north-central Oklahoma...and portions of the
Oklahoma and Texas Panhandles

Concerning...Severe potential...Tornado Watch likely

Valid 291855Z - 292000Z

Probability of Watch Issuance...95 percent

SUMMARY...A tornado watch will likely be needed this afternoon as
convection increases in intensity and coverage across the discussion
area this afternoon.DISCUSSION...Objective analyses and satellite indicate an
increasingly unstable airmass along and south of a remnant outflow
boundary left behind from earlier convection very near the

Kansas/Oklahoma border area. The pre-convective environment was weakly capped and characterized by strong instability (2000-3000 J/kg MUCAPE) and deep shear values around 40-50 kt, favoring organization. A few convective attempts have already been noted along the outflow about 50 miles south of Dodge City, and as storms continue to develop in this corridor and interact with the remnant outflow, all modes of severe will become increasingly likely, including a few tornadoes and very large (2"+) hail.

Given the aforementioned convective trends, a Tornado Watch will likely be needed shortly.

..Cook/Squitieri/Hart.. 05/29/2018

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

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