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City, St

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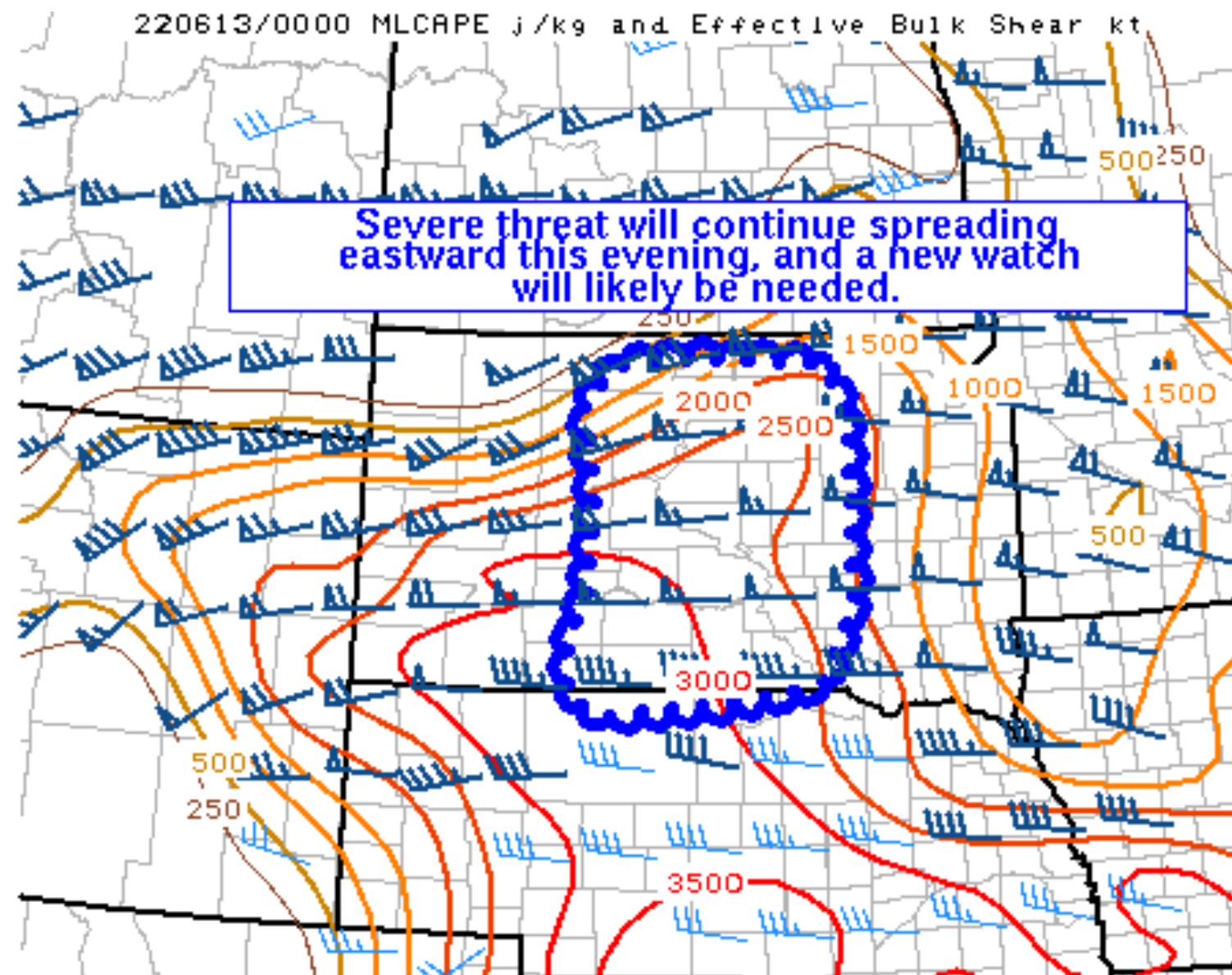
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Mesoscale Discussion 1136

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220613/0000 MLCAPE j/kg and Effective Bulk Shear kt



SPC MCD #1136

Mesoscale Discussion 1136
 NWS Storm Prediction Center Norman OK
 0807 PM CDT Sun Jun 12 2022

Areas affected...Parts of central SD and far north-central NE

Concerning...Severe potential...Watch likely

Valid 130107Z - 130230Z

Probability of Watch Issuance...80 percent

SUMMARY...As convection continues to expand/spread eastward across parts of South Dakota and north-central Nebraska, damaging gusts and large hail will be possible. A new watch will likely be issued downstream of [WW350](#).

DISCUSSION...As the low-level jet strengthens ahead of the ongoing convective clusters spreading eastward across western SD and NE, additional upscale growth and cluster interactions are expected. Given upper 60s dewpoints and steep midlevel lapse rates across the pre-convective environment, damaging gusts and isolated large hail will be possible with any deeper/sustained updrafts along the leading-edge gust front. A new watch will likely be issued east of [WW350](#) for this activity.

..Weinman/Thompson.. 06/13/2022

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

ATTN...WFO...FSD...ABR...LBF...UNR...

LAT...LON 43800141 43420161 42940160 42800126 42949947 43059874
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