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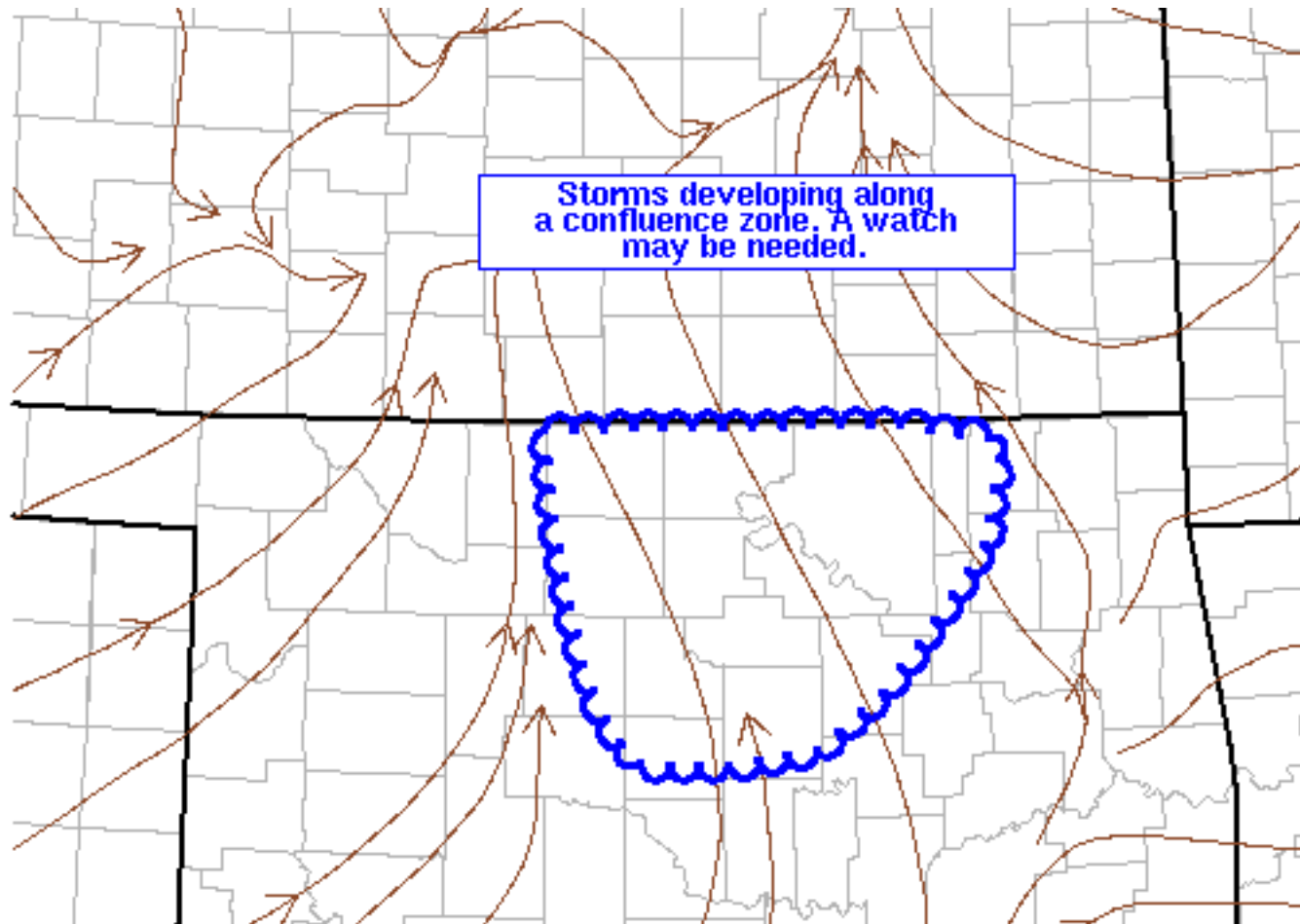
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Mesoscale Discussion 1121

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SPC MCD #1121

Mesoscale Discussion 1121

NWS Storm Prediction Center Norman OK

0332 PM CDT Tue Jun 18 2019

Areas affected...North central Oklahoma

Concerning...Severe potential...Watch possible

Valid 182032Z - 182130Z

CORRECTED FOR GRAPHIC

Probability of Watch Issuance...40 percent

SUMMARY...Storms are developing along a confluence zone in north central Oklahoma. A watch may be needed.

DISCUSSION...An area of towering cumulus extends along the I-35 corridor from the Kansas border to just north of Oklahoma City. Storms have started to develop in Grant and Garfield counties with signs in visible satellite imagery that additional storm development



may occur farther south along the line. Do not expect any development south of I-40/I-44 given the weaker low-level confluence with southern extent.

A modified 18Z LMN sounding shows MLCAPE around 1500 J/kg and effective shear around 25 knots. This would support some storm organization with a combination of multicell and isolated supercell storm mode.

Areas north of the OK/KS border are covered by tornado watch 395, but a small severe thunderstorm watch may be needed to cover the severe threat from these storms.

..Bentley/Guyer.. 06/18/2019

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

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