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Mesoscale Discussion 815

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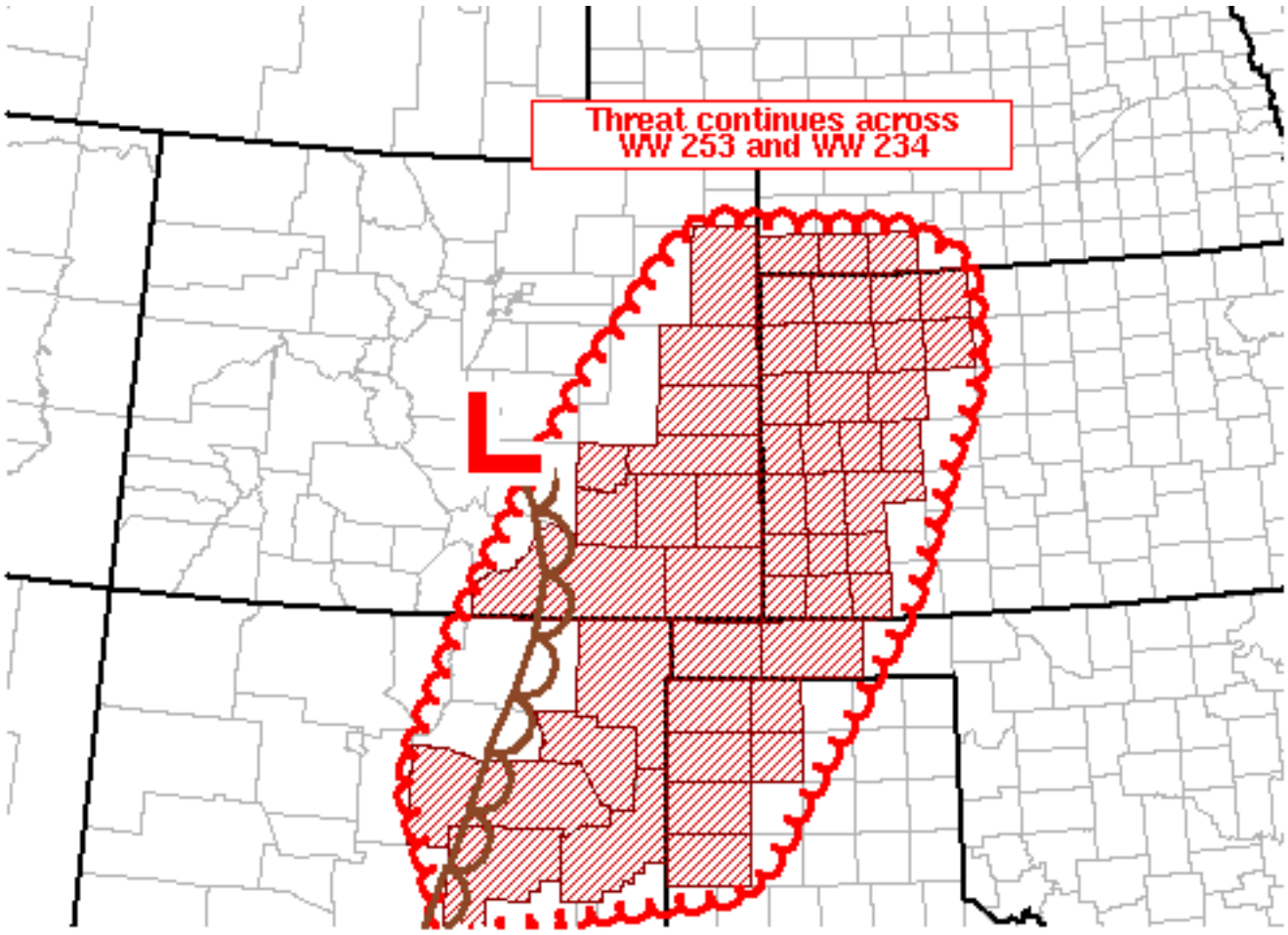

SPC MCD #0815

Mesoscale Discussion 0815
NWS Storm Prediction Center Norman OK
0343 PM CDT Sun May 26 2019

Areas affected...eastern CO...extreme southwest NE...western KS...portions of the OK/TX Panhandle and northeast NM

Concerning...Tornado Watch 253...254...

Valid 262043Z - 262215Z

The severe weather threat for Tornado Watch 253, 254 continues.

SUMMARY...Additional storms are expected to develop to the west of current convection along the CO/KS border by 22z. These storms will shift eastward across WW 253 and WW 254 through 03z with hail, tornadoes and damaging winds possible.

DISCUSSION...Cloud cover has persisted across much of the region today, inhibiting more organized and robust convection due to capping and weaker insolation than forecast. Latest hi-res guidance

appears to have finally caught on to ongoing evolution of storms across eastern CO/western KS into the TX Panhandle. Stronger ascent is starting to overspread the region as is evident in thunderstorm development across western and central NM and deeper cumulus noted in visible satellite along and just ahead of the dryline across eastern NM. Where skies have cleared across parts of eastern CO into eastern NM, temperatures have quickly warmed into the upper 70s to around 80 F. Current thinking is that additional storms will develop along the dryline from south east CO into eastern NM and shift eastward across the ongoing tornado watches. With strong forcing roughly parallel to the surface boundary, convection may struggle to remain discrete and could quickly grow upscale into bowing segments. While this may temper the tornado threat compared to more discrete modes, low level shear will remain more than sufficient for rotating supercells embedded within lines and/or mesovortex generation within surging bowing segments and overall tornado threat will remain.

..Leitman.. 05/26/2019

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

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