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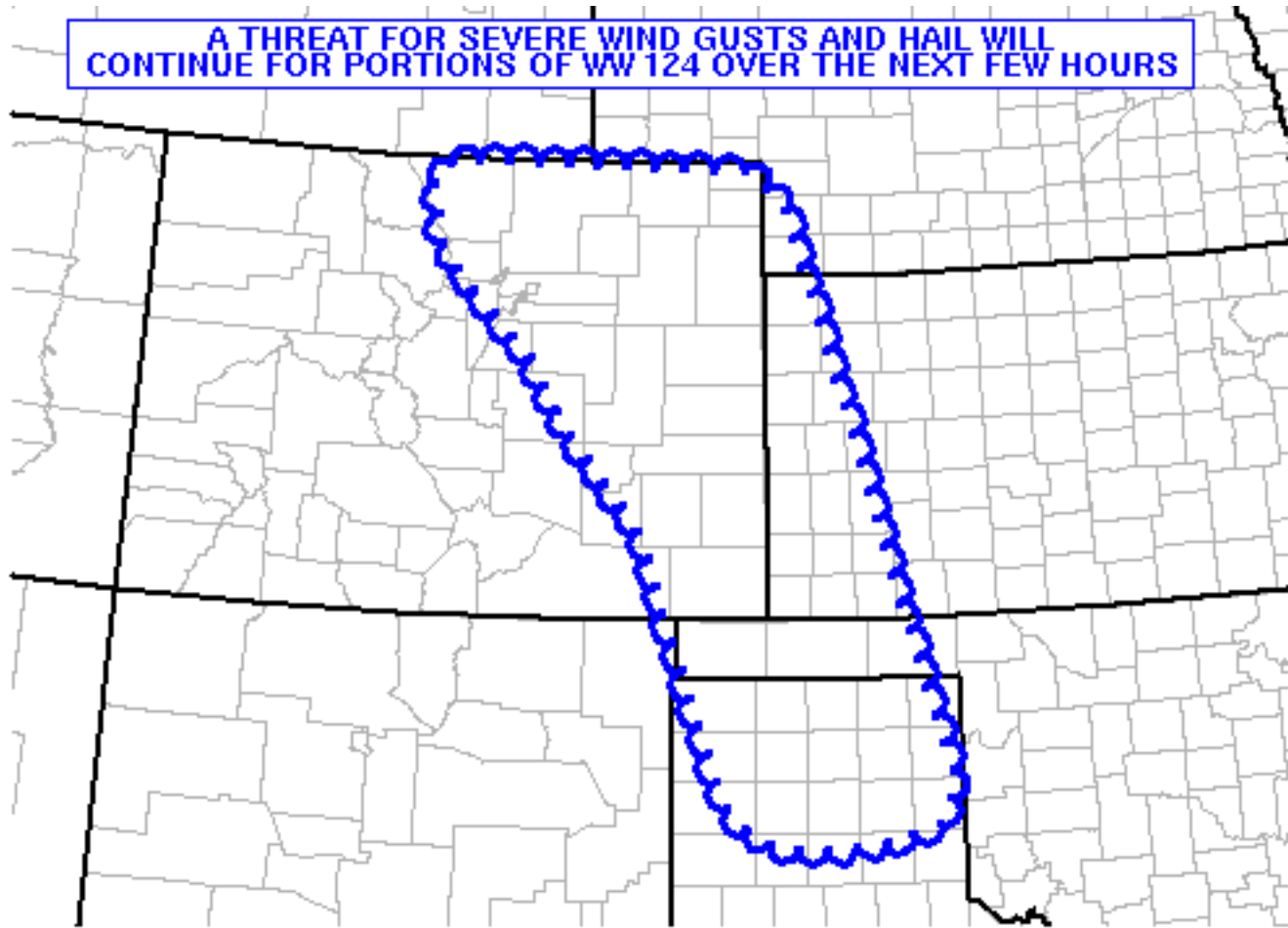
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Mesoscale Discussion 544

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A THREAT FOR SEVERE WIND GUSTS AND HAIL WILL
CONTINUE FOR PORTIONS OF WW 124 OVER THE NEXT FEW HOURS



SPC MCD #0544

Mesoscale Discussion 0544

NWS Storm Prediction Center Norman OK

0530 PM CDT Sun May 27 2018

Areas affected...Eastern Colorado...Western Kansas...Southwest
Nebraska...Oklahoma Panhandle...Northern Texas Panhandle

Concerning...Severe Thunderstorm Watch [124](#)...

Valid 272230Z - 280030Z

The severe weather threat for Severe Thunderstorm Watch 124
continues.

SUMMARY...A threat for severe wind gusts and hail will continue for
portions of [WW 124](#), particularly the northern portions. Storms are
expected to grow upscale within the next few hours.

DISCUSSION...Ongoing storms within [WW 124](#) have shown sustained MRMS
MESH values at or above an inch over the last hour or two. An
approaching mid-level wave and associated speed max have contributed

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to ample 0-6 km shear values of 40-50 kts -- per KCYS and KFTG VAD profiles -- allowing storms to remain organized in northeast Colorado. Current expectations are for these storms to continue and eventually grow upscale with the onset of a modestly strengthening southeasterly LLJ. Large hail and damaging winds will continue to be the main threats.

Further south into southeast Colorado, dewpoints have fallen into the 30s and 40s over the past few hours, and further development of convection is unlikely. Into southwestern Kansas and the Texas and Oklahoma Panhandles, some convection is ongoing, but exists within an environment of only 30-35 kts of 0-6 km shear. Any storms that continue may congeal into a loosely organized line within the next few hours and may pose an isolated hail/wind threat.

..Wendt/Gleason.. 05/27/2018

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

ATTN...WFO...LBF...DDC...GLD...AMA...PUB...BOU...ABQ...

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