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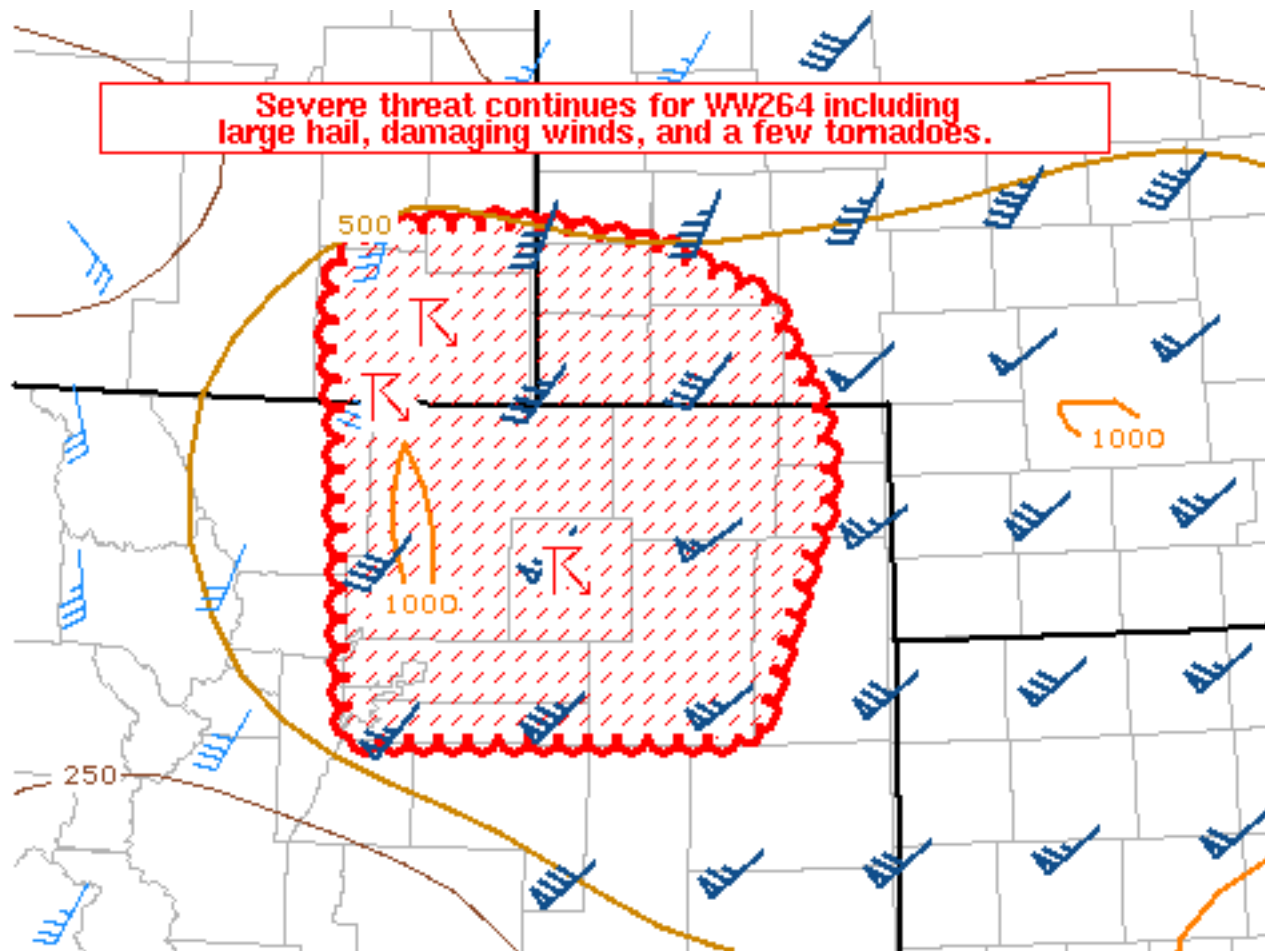
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## Mesoscale Discussion 834

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SPC MCD #0834

Mesoscale Discussion 0834

NWS Storm Prediction Center Norman OK

0343 PM CDT Mon May 27 2019

Areas affected...northeast Colorado...far southeast Wyoming...far western Nebraska

Concerning...Tornado Watch [264](#)...

Valid 272043Z - 272245Z

The severe weather threat for Tornado Watch 264 continues.

SUMMARY...The severe threat continues for [WW264](#) including large hail, damaging winds, and a few tornadoes. The risk will continue into the evening.

DISCUSSION...Only a few thunderstorms are in/near [WW264](#), but storm coverage is expected to increase in the next few hours. A building Cu field is evident via visible satellite imagery and temperatures continue warm outside of rain cooled/anvil shadowed locations.



Storms are expected to develop near the Denver Cyclone, along the Front Range, storm outflow, and along a surface boundary in far northeast Colorado near the Wyoming/Nebraska borders. The storm environment is becoming more conducive as the approaching upper-level trough steepens lapse rates and strengthens deep layer shear (effective bulk shear of 45-70 knots) while insolation helps increase MLCAPE (500-1000 J/kg and increasing) per mesoanalysis and forecast soundings.

A few discrete supercells remain likely and one already produced a weak tornado and severe hail within the watch. Severe hail/wind and a few tornadoes are still expected into the evening across [WW264](#), especially with any discrete supercell development.

..Nauslar/Thompson.. 05/27/2019

...Please see [www.spc.noaa.gov](http://www.spc.noaa.gov) for graphic product...

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