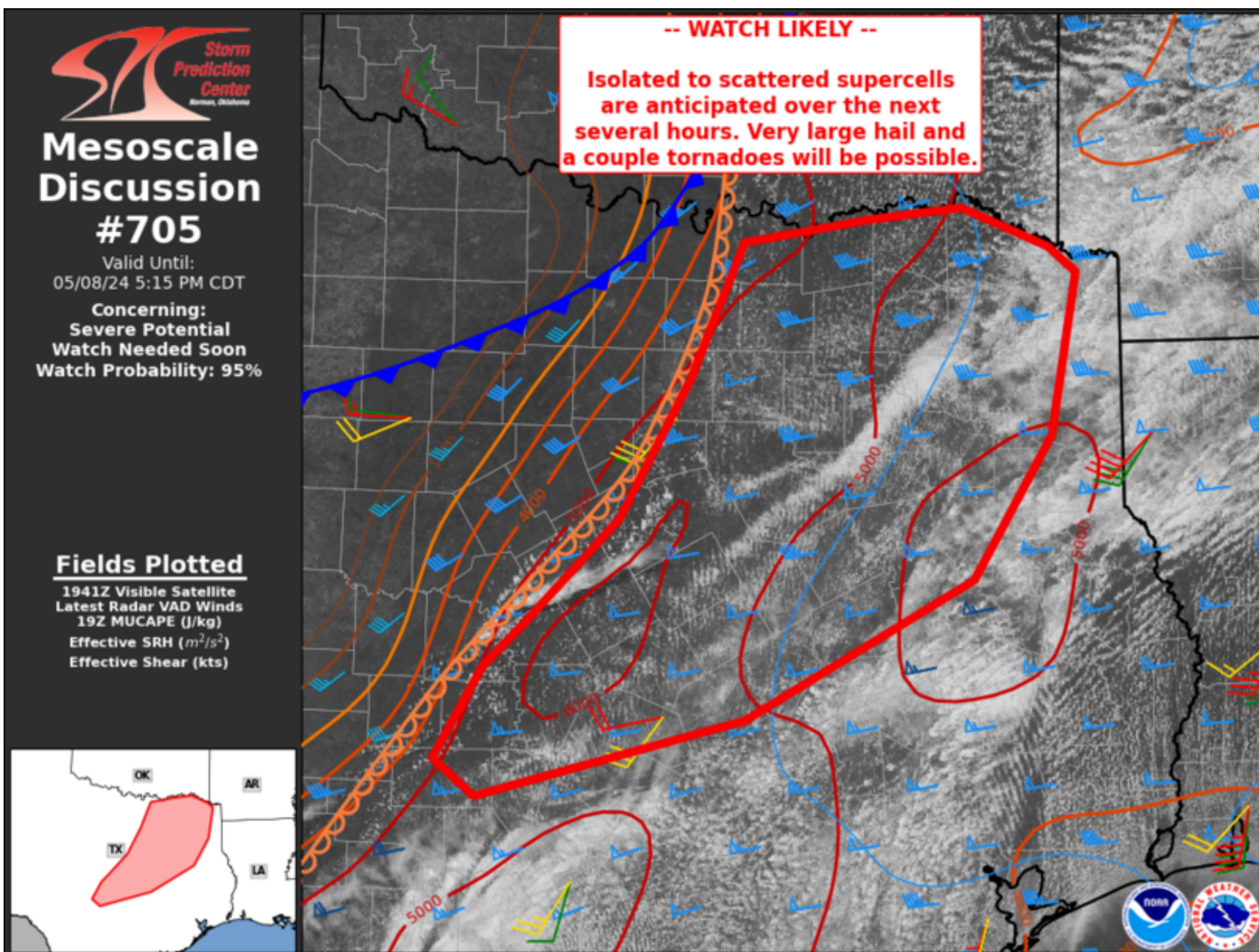




Local forecast by "City, St" or "ZIP"
City, St

Mesoscale Discussion 705

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Mesoscale Discussion 0705
NWS Storm Prediction Center Norman OK
0246 PM CDT Wed May 08 2024

Areas affected...parts of northern into central Texas

Concerning...Severe potential...Watch needed soon

Valid 081946Z - 082215Z

Probability of Watch Issuance...95 percent

SUMMARY...Isolated to perhaps scattered severe storms capable of very large hail and a tornado or two are expected over the next several hours from parts of central into northeast Texas.

DISCUSSION...Deeper convection is beginning to form along the dryline near San Saba and Mills Counties, with increasing Cu depth extending northeastward along the dryline. A very moist and extremely unstable air mass resides east of the dryline, with MLCAPE in excess of 4000 J/kg. Effective deep-layer shear up to 50 kt with a large cross component to the boundary will favor supercell storm mode, with very large hail expected. A few tornadoes may occur as well, perhaps brief but locally intense, given extreme instability and sufficient low-level shear. An expansive, uncapped warm sector suggests cells may remain severe for a long duration.

..Jewell/Smith.. 05/08/2024

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

ATTN...WFO...SHV...HGX...FWD...OUN...EWX...SJT...

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31949771 32819719 33669681 33799589 33869520 33629455
33469435 32449456 31569513

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