



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

City, St



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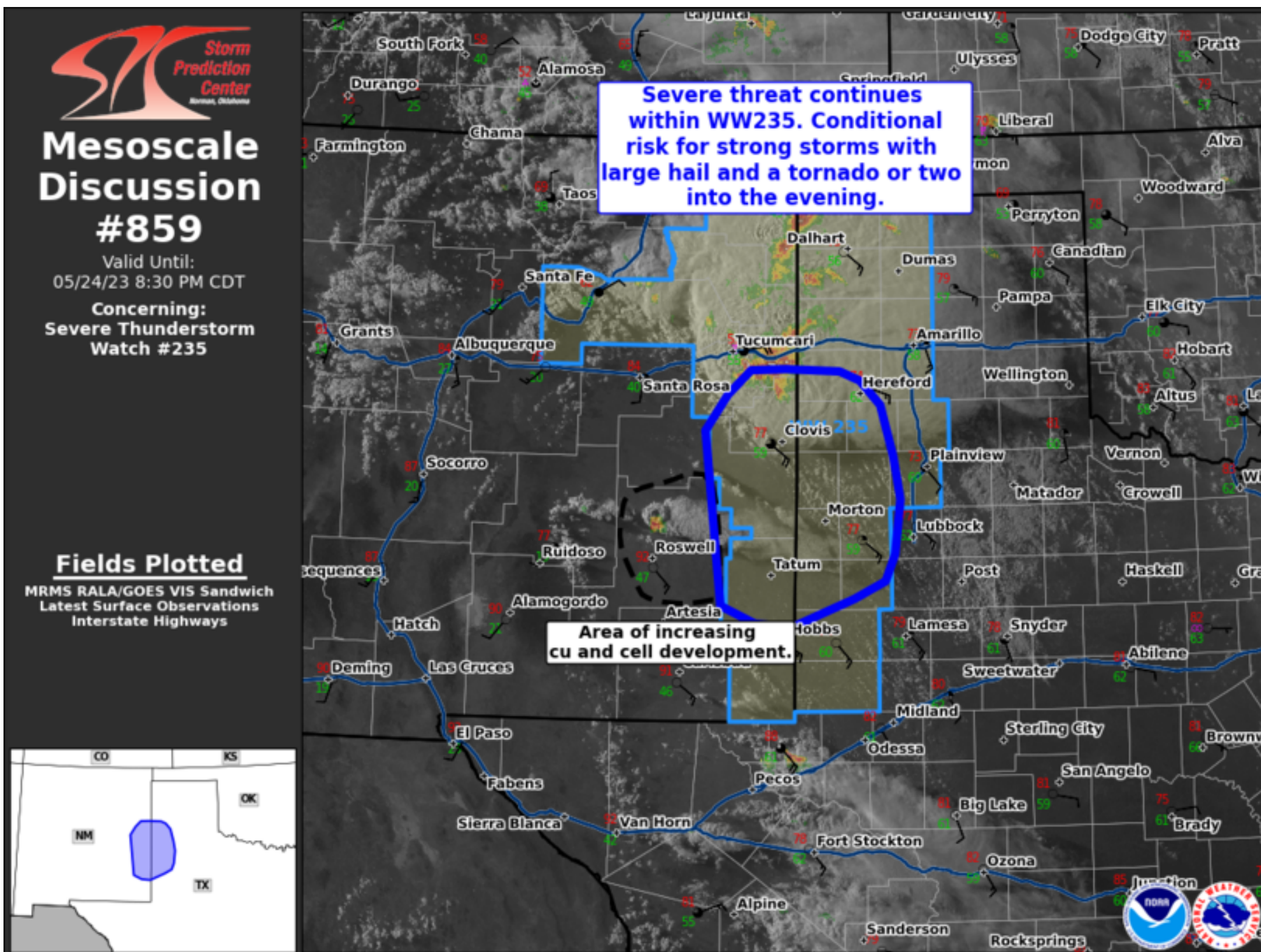
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Mesoscale Discussion 859

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Storm Prediction Center

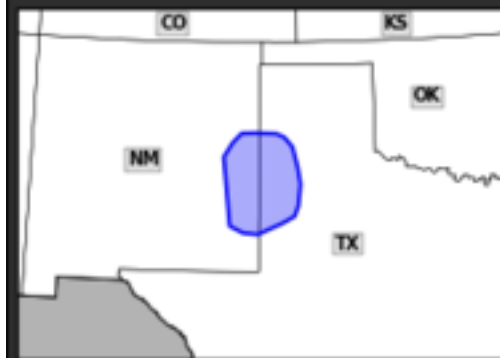
Mesoscale Discussion #859

Valid Until: 05/24/23 8:30 PM CDT

Concerning: Severe Thunderstorm Watch #235

Fields Plotted

MRMS RALA/GOES VIS Sandwich
Latest Surface Observations
Interstate Highways



Mesoscale Discussion 0859
NWS Storm Prediction Center Norman OK
0734 PM CDT Wed May 24 2023

Areas affected...eastern New Mexico and portions of northwest Texas

Concerning...Severe Thunderstorm Watch 235...

Valid 250034Z - 250130Z

The severe weather threat for Severe Thunderstorm Watch 235 continues.

SUMMARY...Severe threat continues within [WW235](#). There is a conditional risk across the far southern portion of the watch for large hail, gusty winds, and a tornado or two into the evening.

DISCUSSION...A storm ongoing near Tucumcari, NM has produced 2 inch hail along with significant wind gusts as high as 75 mph in the last hour. Additional thunderstorm development is occurring along developing outflow emanating from this storm across south-central Quay and Curry Counties. Expect additional development further south in the next couple of hours with potential for gusty winds and large hail.

Further south in [WW235](#), uncertainty grows with a conditional threat through the evening. Recently, an area of more pronounced cumulus development was ongoing across Chaves County. Surface observations indicate that mixing has been occurring with the surface dew point dropping into the upper 40s from the early afternoon mid 50s. Visible satellite has shown many failed attempts at initiation within this area and further west along the dryline. One weak cell was able to initiate but has struggled to intensify. Day Cloud Phase Distinction satellite imagery continues to show deepening cu with evidence of glaciation. As the low level jet intensifies this evening, moisture should increase along with low-level flow. If a cell can successfully initiate in this regime and track eastward, a conditional threat of large hail, damaging winds, and a tornado will be possible through the evening.

..Thornton/Edwards.. 05/25/2023

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

ATTN...WFO...LUB...AMA...MAF...ABQ...

LAT...LON 34480399 34800375 35000351 35010315 34990259 34910238
 34700217 34260205 33890198 33430203 33200213 33050245
 32800308 32840347 32990381 34480399

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