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 City, St  Go

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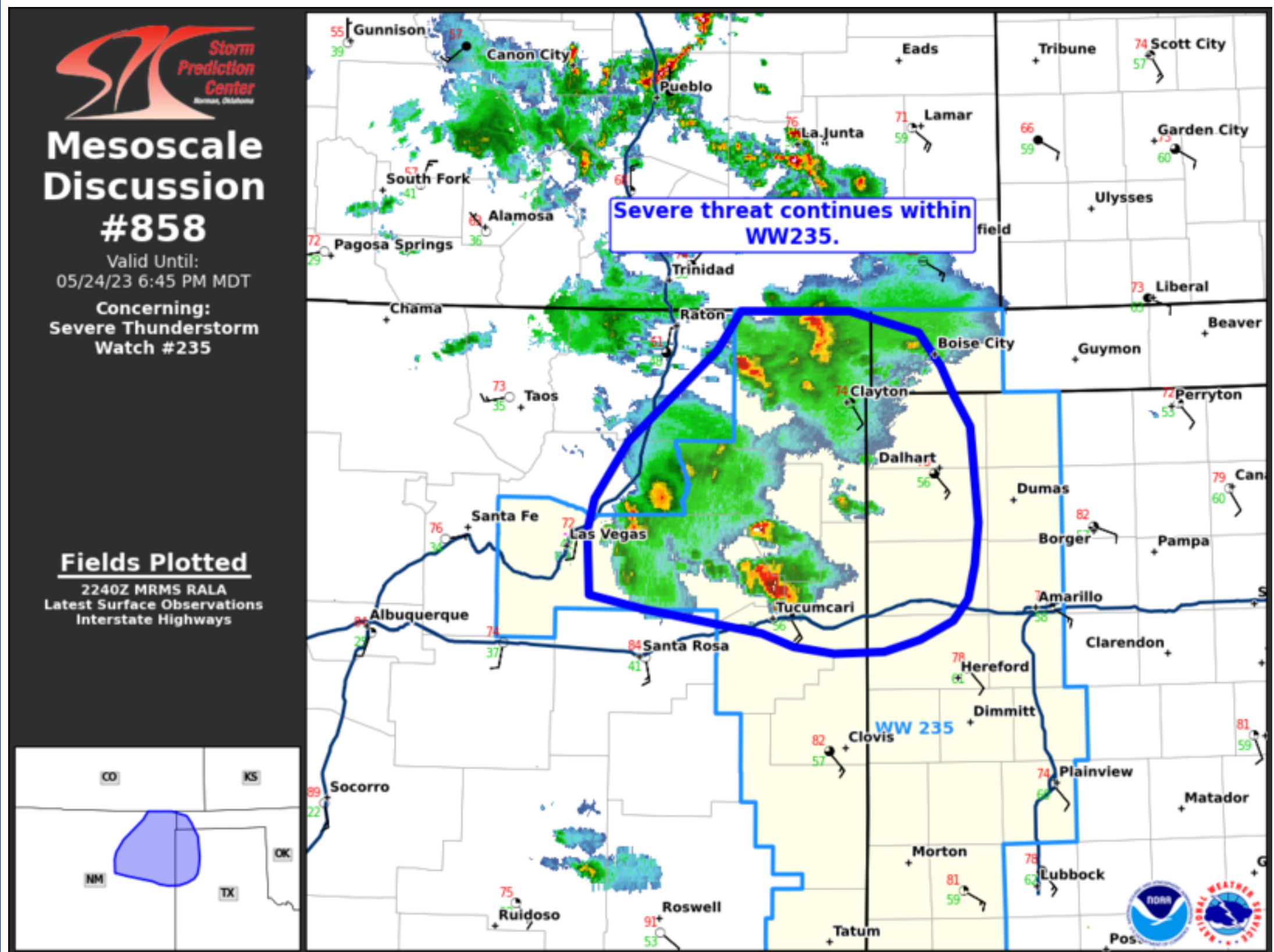
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## Mesoscale Discussion 858

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### Mesoscale Discussion #858

Valid Until:  
05/24/23 6:45 PM MDT

Concerning:  
**Severe Thunderstorm Watch #235**

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**Fields Plotted**  
 2240Z MRMS RALA  
 Latest Surface Observations  
 Interstate Highways

Mesoscale Discussion 0858  
 NWS Storm Prediction Center Norman OK  
 0543 PM CDT Wed May 24 2023

Areas affected...northeastern New Mexico and western Oklahoma and Texas Panhandles

Concerning...Severe Thunderstorm Watch 235...  
 Valid 242243Z - 250045Z

The severe weather threat for Severe Thunderstorm Watch 235 continues.

SUMMARY...Severe threat continues within WW235. Large hail and gusty winds continue to be the main hazards with ongoing storms.

DISCUSSION...Storm development has been ongoing across portions of northeastern New Mexico into southern Colorado. Storms are mixed mode with semi-discrete and clustered supercells ongoing. Mode within this region will likely be dictated by boundary interactions and storm mergers, as thunderstorms continue to develop and move toward the Texas border through the evening. The axis of most favorable instability and deep-layer shear remains across the Texas/New Mexico border. Storms may become more organized as they move within this regime, with large hail and gusty winds as the main concern in the near term.

CAM guidance consensus suggests a broken line may develop toward the evening, with embedded supercell structures. Around 02-03z, a low-level jet will develop across southwestern Texas into the Texas Panhandle. The increase in surface flow will lead to more curved low-level hodograph shape and increasing potential for a tornado or two, if storm mode can maintain embedded supercell circulations. Should more upscale growth occur, the main threat may shift to damaging winds.

..Thornton/Edwards.. 05/24/2023  
 ...Please see www.spc.noaa.gov for graphic product...  
 ATTN...WFO...AMA...ABQ...

LAT...LON	36990396	36980361	36980316	36850264	36650248	36490240
	36300228	35960224	35720222	35480226	35280231	35140242
	35030265	34970292	34960328	35000357	35080380	35210466
	35290505	35670506	35870501	36210477	36750412	36990396

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