



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

City, St

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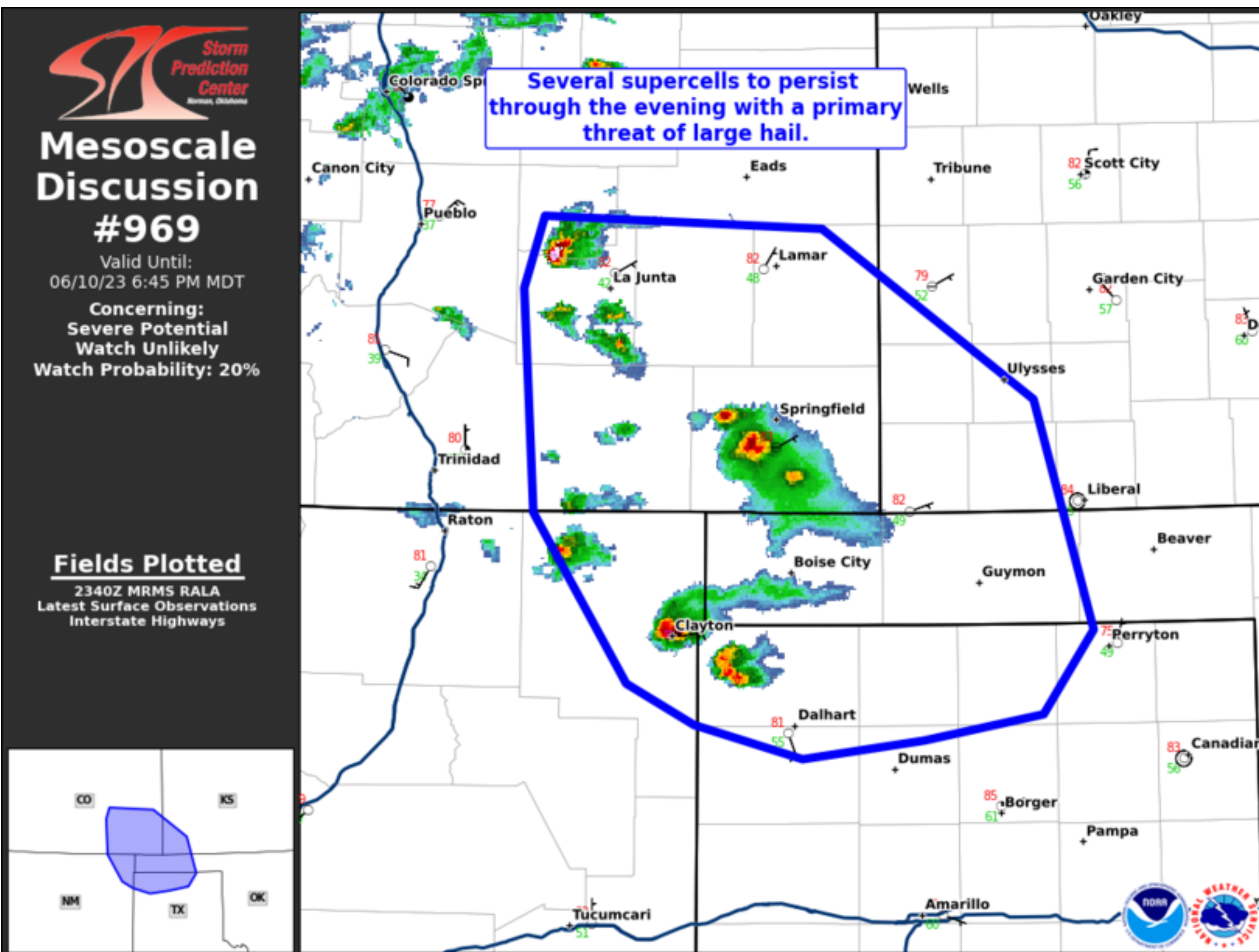
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## Mesoscale Discussion 969

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**Mesoscale Discussion #969**  
 Valid Until: 06/10/23 6:45 PM MDT  
 Concerning: Severe Potential  
 Watch Unlikely  
 Watch Probability: 20%

**Fields Plotted**  
 2340Z MRMS RALA  
 Latest Surface Observations  
 Interstate Highways



Mesoscale Discussion 0969  
 NWS Storm Prediction Center Norman OK  
 0642 PM CDT Sat Jun 10 2023

Areas affected...Southeast Colorado...northeast New Mexico...southwest Kansas...the western Oklahoma Panhandle and the far northern Texas Panhandle.

Concerning...Severe potential...Watch unlikely

Valid 102342Z - 110045Z

Probability of Watch Issuance...20 percent

SUMMARY...Several supercells are expected to persist through the evening with a primary threat of large hail.

DISCUSSION...A combination of left and right moving supercells have developed across southeast Colorado into the northern Texas Panhandle. Upslope flow is around 1 to 1.5 km deep in this area (per PUX VWP) which is likely responsible for the stronger storms than farther north across northeast Colorado. With MLCAPE around 1000 J/kg and effective shear around 30 to 35 knots per SPC mesoanalysis, expect the supercell threat to persist through the evening. If these storms remain discrete/semi-discrete, they will likely weaken during the late evening as they move east of the low-level upslope flow. However, if storms can congeal into a cluster, they may persist further into southern Kansas and northern Oklahoma during the overnight hours. Most guidance shows little to no low-level jet this evening which will be a significant limiting factor to robust upslope growth during the late evening hours. Therefore, a continued threat for isolated hail waning by late evening appears to be the most likely scenario.

..Bentley/Hart.. 06/10/2023

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

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