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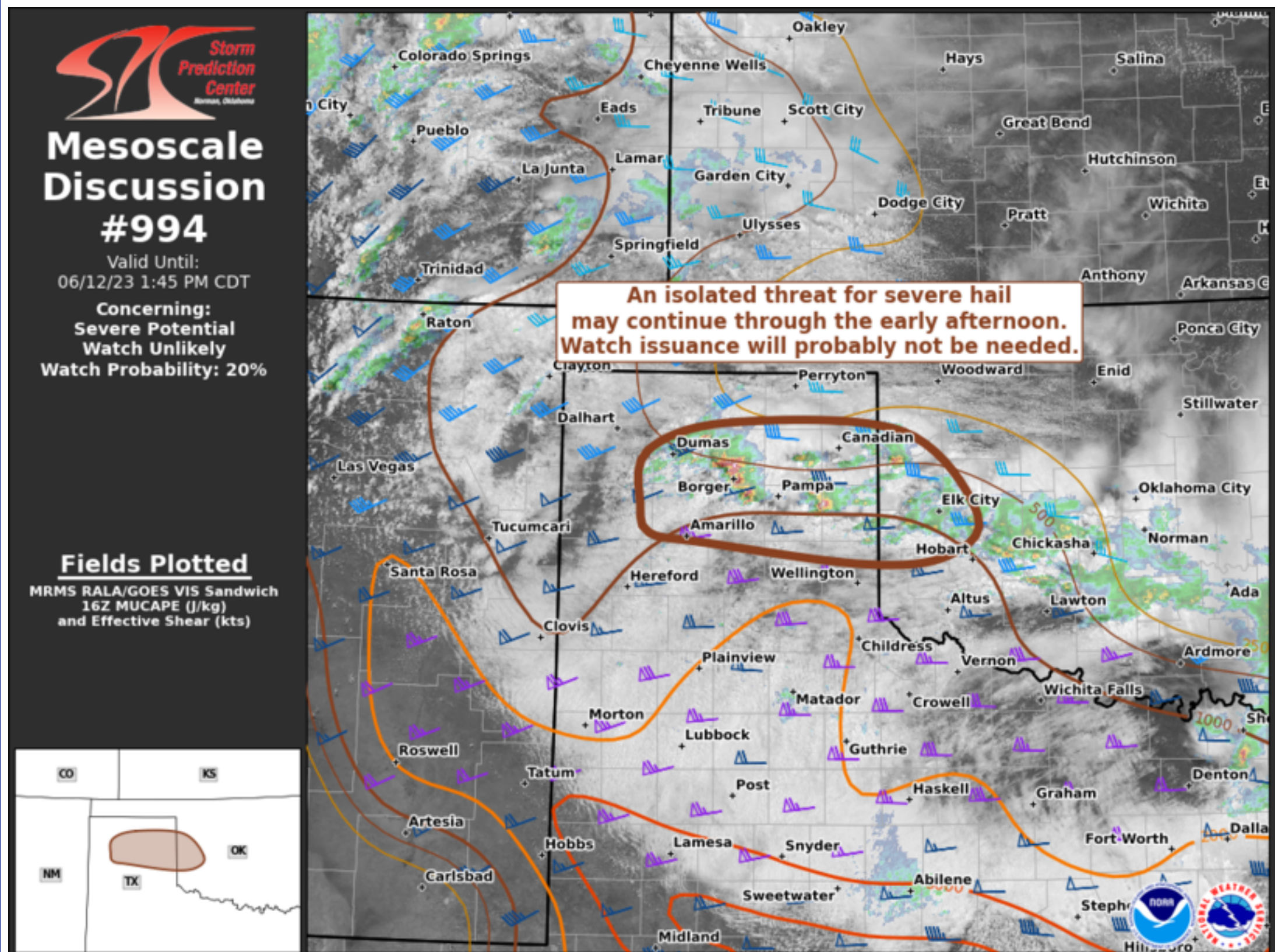
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Mesoscale Discussion 994

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Mesoscale Discussion 0994
 NWS Storm Prediction Center Norman OK
 1152 AM CDT Mon Jun 12 2023

Areas affected...Portions of the TX Panhandle into western OK

Concerning...Severe potential...Watch unlikely

Valid 121652Z - 121845Z

Probability of Watch Issuance...20 percent

SUMMARY...An isolated threat for severe hail may continue through the early afternoon. Trends will be closely monitored, but watch issuance will probably not be needed.

DISCUSSION...In the wake of elevated convection earlier this morning, additional thunderstorms have recently developed across parts of the TX Panhandle. This activity is likely being aided by modest low-level warm advection centered near/above 750 mb. These thunderstorms will remain elevated, well to the north of a surface front draped across central TX. Still, around 500-1000 J/kg of MUCAPE should be present across this region with modestly steepened mid-level lapse rates persisting. Enhanced mid/upper-level flow associated with a southern-stream jet is fostering 45-50+ kt of cloud-bearing shear. This should support continued updraft organization, with an elevated supercell or two possible. Isolated severe hail up to 1-1.5 inches in diameter appears possible in the short term, but this activity will probably tend to move into western OK, where substantial convective overturning has occurred earlier this morning. At this point, watch issuance appears unlikely, as the overall severe threat should remain rather isolated.

..Gleason/Thompson.. 06/12/2023

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

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