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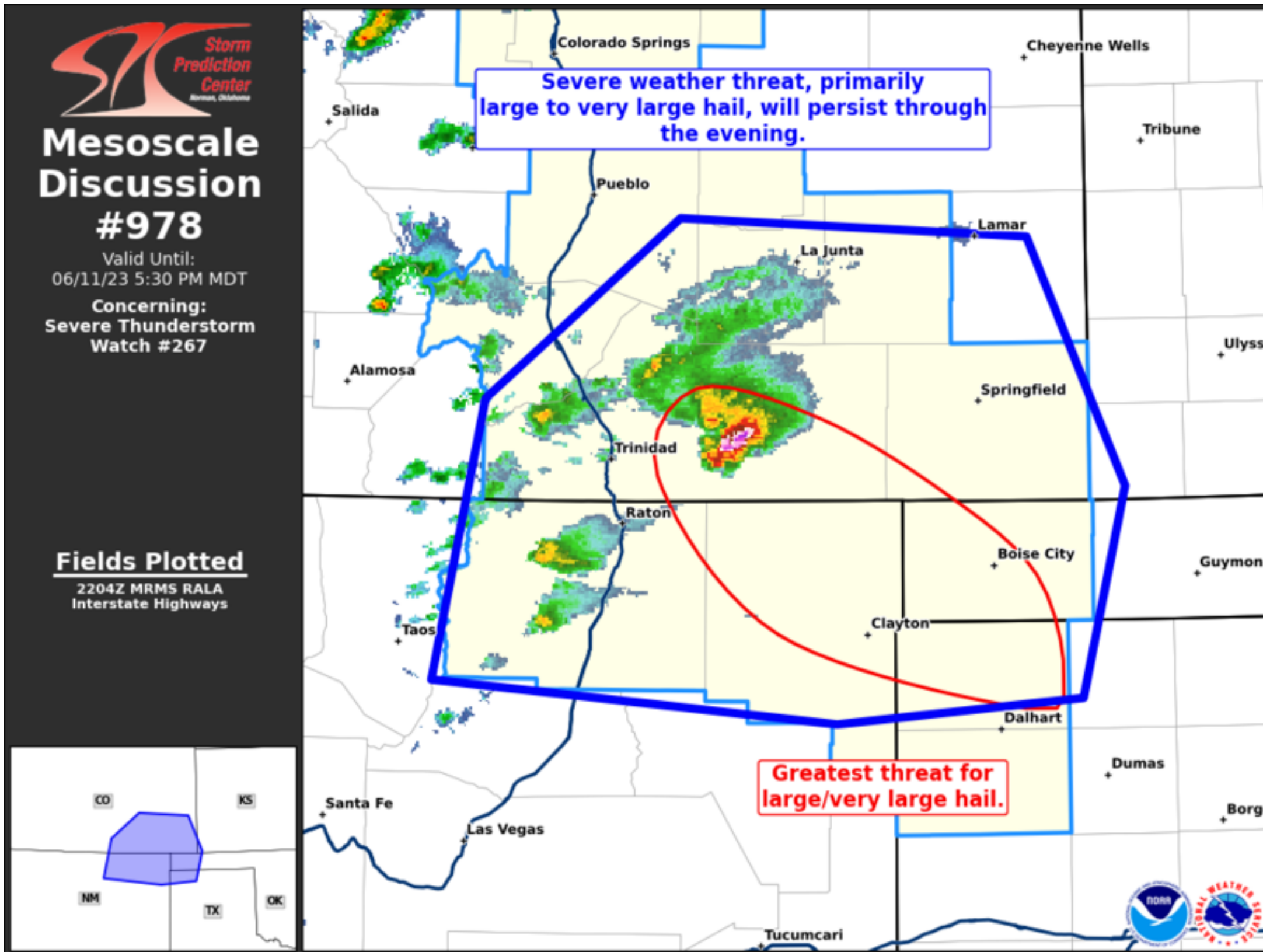
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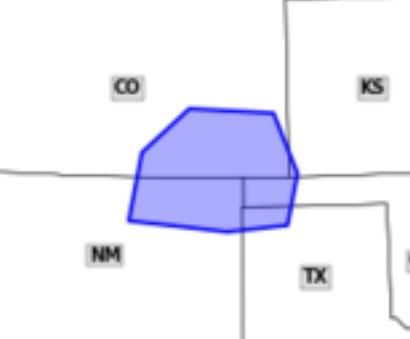
Mesoscale Discussion 978

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Mesoscale Discussion #978
 Valid Until: 06/11/23 5:30 PM MDT
 Concerning: Severe Thunderstorm Watch #267

Fields Plotted
 2204Z MRMS RALA
 Interstate Highways



Mesoscale Discussion 0978
 NWS Storm Prediction Center Norman OK
 0506 PM CDT Sun Jun 11 2023

Areas affected...Portions of southeast Colorado...northeast New Mexico...the western Oklahoma Panhandle and far northwest Texas Panhandle.

Concerning...Severe Thunderstorm Watch 267...

Valid 112206Z - 112330Z

The severe weather threat for Severe Thunderstorm Watch 267 continues.

SUMMARY...The severe weather threat, which is primarily large to very large hail, will persist through the evening.

DISCUSSION...Strengthening low-level upslope flow (1km deep per PUX VWP) has led to the development of numerous thunderstorms along the Colorado Front Range. The strongest of these is a supercell which has taken a right turn across Las Animas county. Most CAM guidance indicated only one or two strong storms may materialize, but that they could persist well into the evening and eventually move into the TX/OK Panhandle. Current observations would support this solution as additional strong cells have not developed yet and the environment remains favorable (1000+ MLCAPe and 40 knots of effective shear) ahead of the ongoing strong supercell. Hail up to 2 inches has already been reported in Las Animas county with similar peak hail size expected for the duration of the supercell lifecycle as it moves southeast this evening.

Will not rule out additional strong supercell development this evening, but expect the primary threat will be associated with the ongoing strong supercell in Las Animas county.

..Bentley/Hart.. 06/11/2023

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

ATTN...WFO...DDC...AMA...PUB...ABQ...

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