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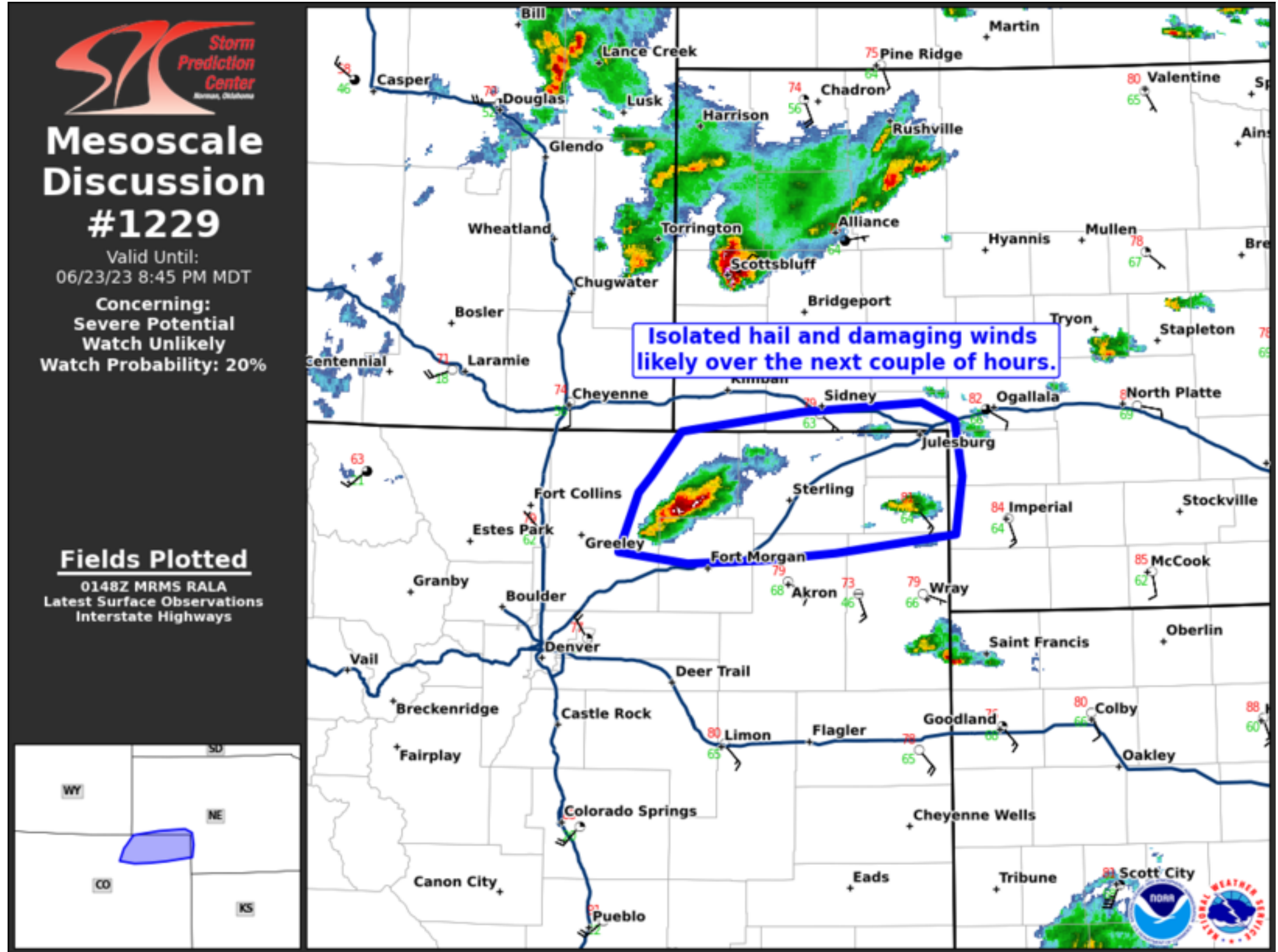
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Mesoscale Discussion 1229

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Mesoscale Discussion #1229
 Valid Until: 06/23/23 8:45 PM MDT
Concerning: Severe Potential
Watch Unlikely
Watch Probability: 20%

Fields Plotted
 0148Z MRMS RALA
 Latest Surface Observations
 Interstate Highways

Isolated hail and damaging winds likely over the next couple of hours.

Mesoscale Discussion 1229
 NWS Storm Prediction Center Norman OK
 0851 PM CDT Fri Jun 23 2023

Areas affected...portions of far northeast Colorado

Concerning...Severe potential...Watch unlikely

Valid 240151Z - 240245Z

Probability of Watch Issuance...20 percent

SUMMARY...Isolated storms capable of hail and damaging winds should persist for a few hours before moving into NE.

DISCUSSION...As of 0145 UTC, regional radar analysis showed isolated thunderstorms developing in portions of northeastern CO. South of the primary mid-level ascent, convection has struggled to deepen most of the day, but has recently intensified. Broad upslope flow with surface dewpoints in the low 60s F is supporting 2000-2500 J/kg of MLCAPE ahead of the developing storms. 45-55 kt of deep-layer shear from area VADs is supportive of supercells. Given the favorable mode and moderate buoyancy, isolated large hail and damaging wind gusts will be likely if storms are able to continue maturing. Hi-res guidance does suggests these storms may continue to pose an isolated severe risk for a few more hours before moving into southern NE. Given the isolated storm coverage and some uncertainty on the longevity of the severe threat, a watch is unlikely though convective trends will be monitored.

..Lyons/Thompson.. 06/24/2023
 ...Please see www.spc.noaa.gov for graphic product...

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