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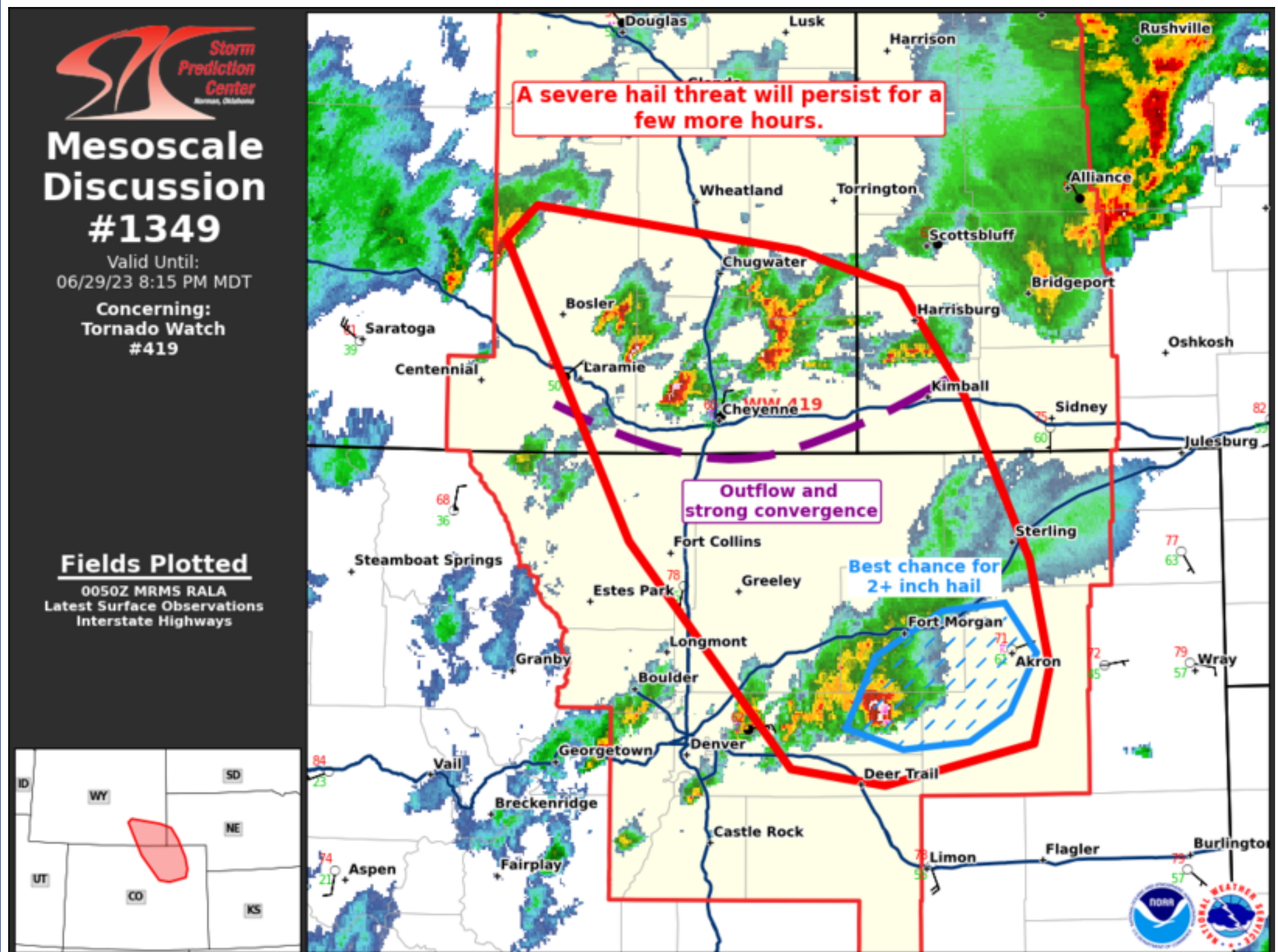
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Mesoscale Discussion 1349

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Mesoscale Discussion #1349
 Valid Until:
 06/29/23 8:15 PM MDT
 Concerning:
 Tornado Watch #419

Fields Plotted
 0050Z MRMS RALA
 Latest Surface Observations
 Interstate Highways

Mesoscale Discussion 1349
 NWS Storm Prediction Center Norman OK
 0752 PM CDT Thu Jun 29 2023

Areas affected...portions of southeast Wyoming into northeastern Colorado

Concerning...Tornado Watch 419...

Valid 300052Z - 300215Z

The severe weather threat for Tornado Watch 419 continues.

SUMMARY...A severe hail threat will persist with the more intense storms over the next few hours before a gradual weakening occurs this evening.

DISCUSSION...Large hail continues to be reported with ongoing multicells and transient supercells across southeast WY into northeastern CO. A recent uptick in convective coverage and intensity has been noted in far southeast WY, where southward sagging outflow has encouraged localized convergence for initiation. However, much of this airmass is becoming overturned, and the severe hail threat may only persist for a few more hours in an organized fashion. The supercell in Arapahoe County, CO and surrounding convection may persist longer into the evening with a severe hail/wind threat given the presence of stronger buoyancy and relatively less MLCINH out in the warm sector (per 00Z mesoanalysis). Furthermore, MRMS mosaic MESH data suggests 2+ inch hail is falling from the Arapahoe county storm, and this general area continues to have the best chance at seeing additional significant-severe hail over the next couple of hours.

..Squitieri.. 06/30/2023

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

ATTN...WFO...BOU...CYS...

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