

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

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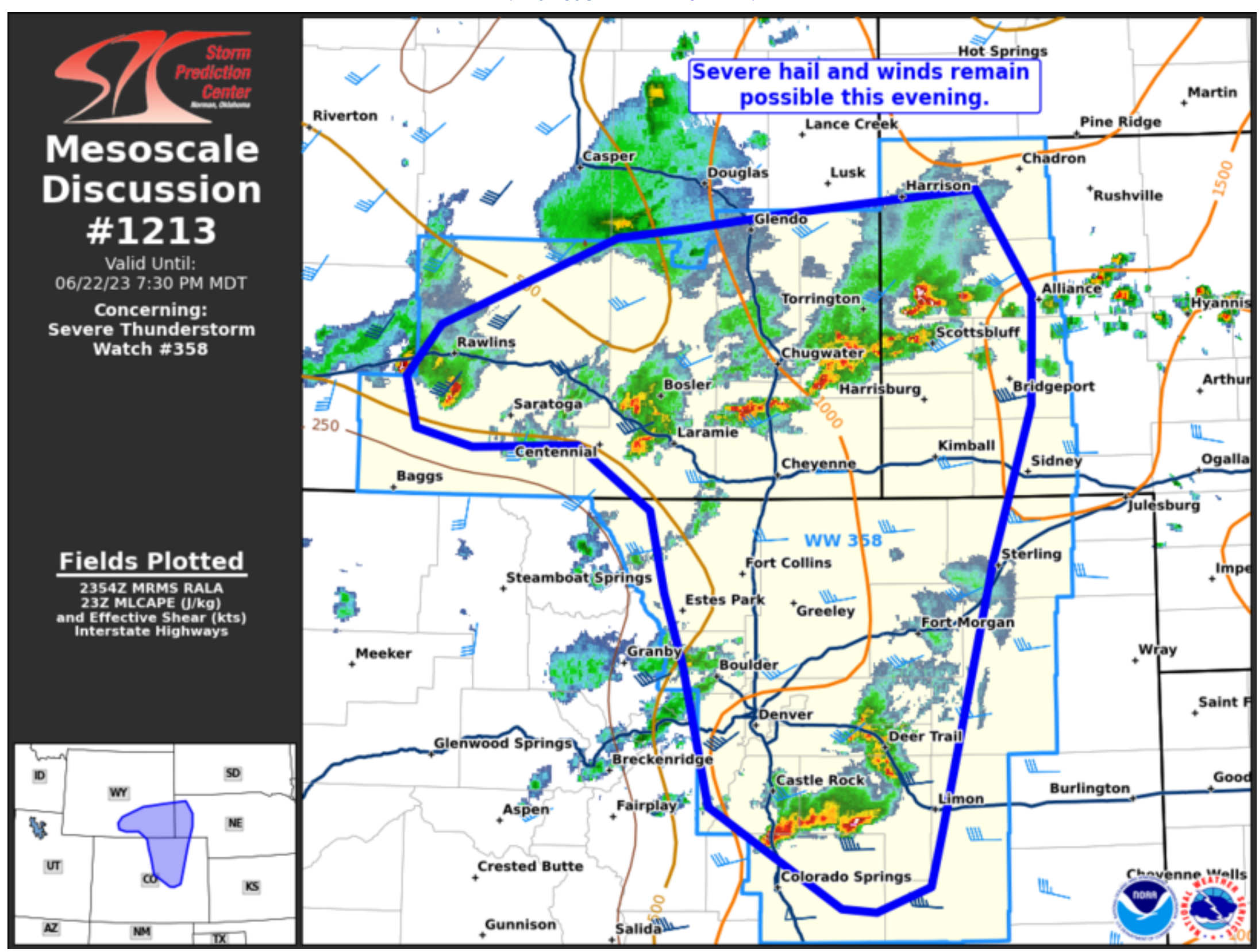
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Mesoscale Discussion 1213

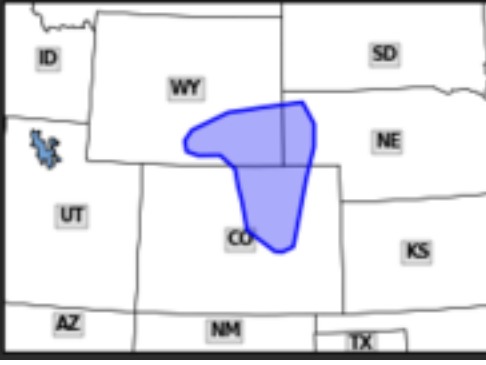
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Mesoscale Discussion #1213
 Valid Until: 06/22/23 7:30 PM MDT
 Concerning: Severe Thunderstorm Watch #358

Fields Plotted

2354Z MRMS RALA
 23Z MLCAPE (J/kg)
 and Effective Shear (kts)
 Interstate Highways



Mesoscale Discussion 1213
 NWS Storm Prediction Center Norman OK
 0656 PM CDT Thu Jun 22 2023

Areas affected...eastern Wyoming into western Nebraska and portions of eastern Colorado

Concerning...Severe Thunderstorm Watch 358...

Valid 222356Z - 230130Z

The severe weather threat for Severe Thunderstorm Watch 358 continues.

SUMMARY...Ongoing strong to severe storms will remain capable of hail and damaging gusts into this evening.

DISCUSSION...Broad upslope across the Front Range has resulted in scattered strong to severe storms from eastern WY to western NE and northeastern CO early this evening. Storm coverage has gradually increased over the last couple of hours with numerous storm interactions resulting in some upscale growth. Despite cooling from anvil shading and consolidating storm outflow, remnant buoyancy, (1000-1500 J/kg of MCLAPE) and 40 kt of effective shear will continue to support storm organization this evening. Two stronger clusters are now evident, one just southeast of Denver, and the other near the WY/NE border. The primary severe risk is likely to remain concentrated with these clusters through the next couple of hours. Given the favorable buoyancy and shear, large hail will remain possible with some supercell structures. Upscale growth of the clusters may also support damaging gusts with the strongest storms. The severe risk should continue into this evening before nocturnal stabilization results in gradual downtrend in convective intensity into the overnight.

..Lyons.. 06/22/2023

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

ATTN...WFO...PUB...BOU...CYS...RIW...

LAT...LON	40920575	41290630	41270708	41360749	41650758	41940733
	42440602	42510545	42590476	42710332	42130292	41500294
	40650323	39160362	38820371	38680410	38700435	39270531
	40070550	40460564	40920575			

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