



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

City, St



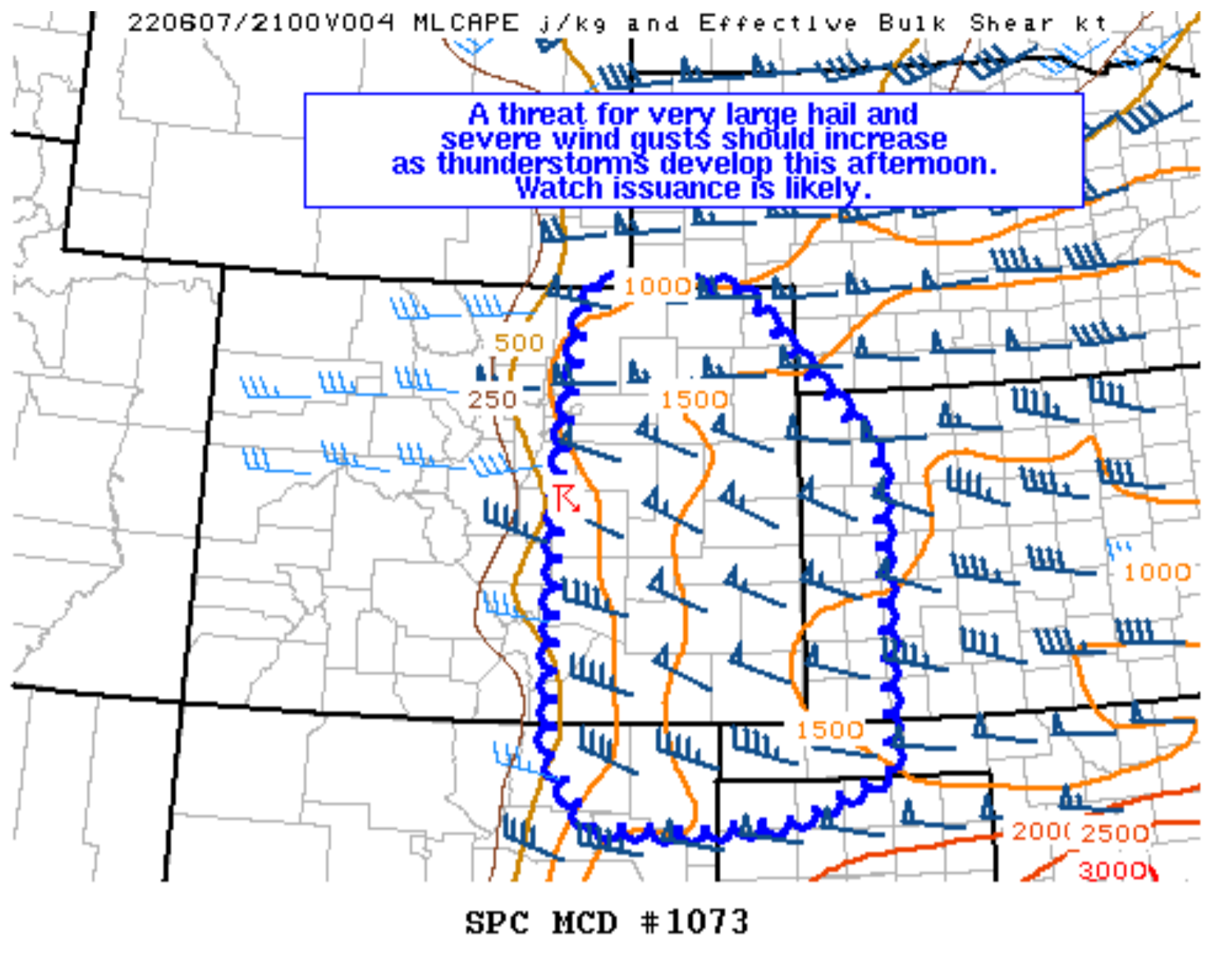
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Mesoscale Discussion 1073

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Mesoscale Discussion 1073
 NWS Storm Prediction Center Norman OK
 0126 PM CDT Tue Jun 07 2022

Areas affected...Portions of eastern CO...western KS...northeastern NM...and the OK/TX Panhandles

Concerning...Severe potential...Watch likely

Valid 071826Z - 072100Z

Probability of Watch Issuance...80 percent

SUMMARY...An increasing threat for very large hail and severe wind gusts should increase as thunderstorms develop this afternoon. Watch issuance is likely.

DISCUSSION...High-based convection has begun to develop over the higher terrain of southern/central CO and northeastern NM early this afternoon. An increase in thunderstorm coverage is expected over central/eastern CO and vicinity over the next few hours as ascent associated with a mid/upper-level jet and shortwave trough overspreads the central High Plains. Strong deep-layer shear is already present, with 45-55+ kt of effective bulk shear being estimated by latest mesoanalysis. Weak instability at the moment will increase quickly to around 1000-2000 J/kg MLCAPE, with mostly clear conditions encouraging robust diurnal heating. This combination of strong shear and sufficient instability will likely support supercells with the initial robust development along/near the I-25 corridor within the next couple of hours as lingering convective inhibition erodes. Large hail should be the main threat with these supercells, although severe downdraft winds may also occur. Given the presence of steep mid-level lapse rates, isolated very large hail (2+ inches in diameter) may occur. Most guidance suggests the severe threat will increase by 20-21Z (2-3 PM MDT), and watch issuance is likely by this time frame.

..Gleason/Mosier.. 06/07/2022

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

ATTN...WFO...DDC...GLD...AMA...PUB...BOU...ABQ...

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