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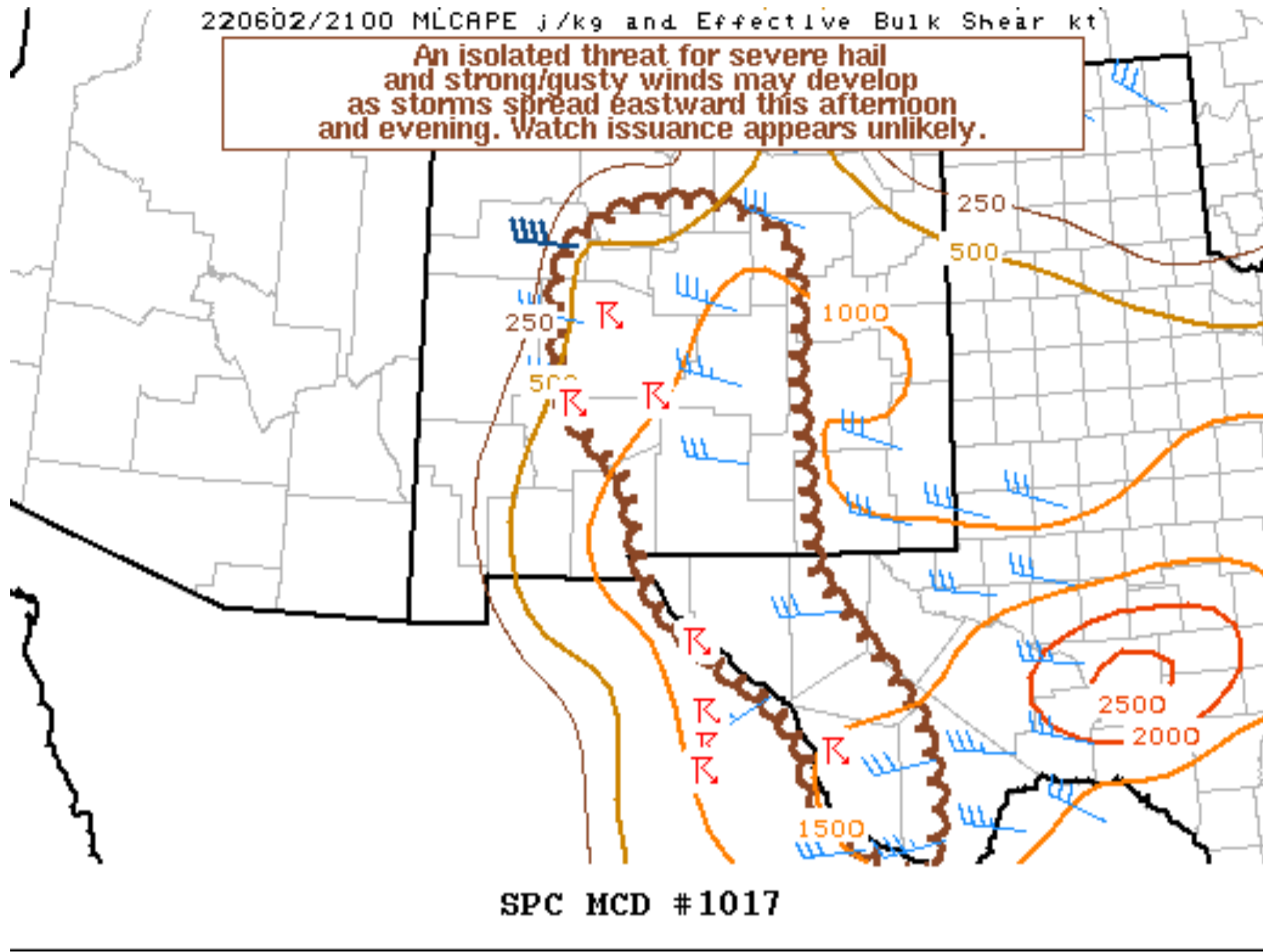
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Mesoscale Discussion 1017

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Mesoscale Discussion 1017
 NWS Storm Prediction Center Norman OK
 0500 PM CDT Thu Jun 02 2022

Areas affected...Portions of central/southern NM into far west TX

Concerning...Severe potential...Watch unlikely

Valid 022200Z - 030030Z

Probability of Watch Issuance...20 percent

SUMMARY...An isolated threat for severe hail and strong/gusty winds may develop as thunderstorms spread eastward this afternoon and evening. Watch issuance appears unlikely.

DISCUSSION...Ascent preceding a shortwave trough over AZ has encouraged isolated convective development this afternoon over the higher terrain of central NM into north-central Mexico. Modest low-level upslope flow is occurring over far west TX, where somewhat greater surface dewpoints and related instability are also present. A couple of the ongoing thunderstorms in north-central Mexico to the south of El Paso TX have robust cores and supercellular characteristics, even though deep-layer shear remains modest around 25-35 kt. This activity may pose an isolated threat for severe hail as it crosses the Rio Grande into far west TX over the next few hours. Steepened low-level lapse rates should also encourage strong/gusty downdraft winds. Additional thunderstorms are also expected to strengthen and pose an isolated threat for severe hail and wind gusts across central NM. But, low-level moisture is more limited with northward extent into southern/central NM, which should temper the overall severe threat to some degree. Overall coverage of severe thunderstorms should remain rather isolated through the evening, and watch issuance appears unlikely at this time.

..Gleason/Hart.. 06/02/2022

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

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 33420742 34710750 35110712 35310643 35280567 35100518
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