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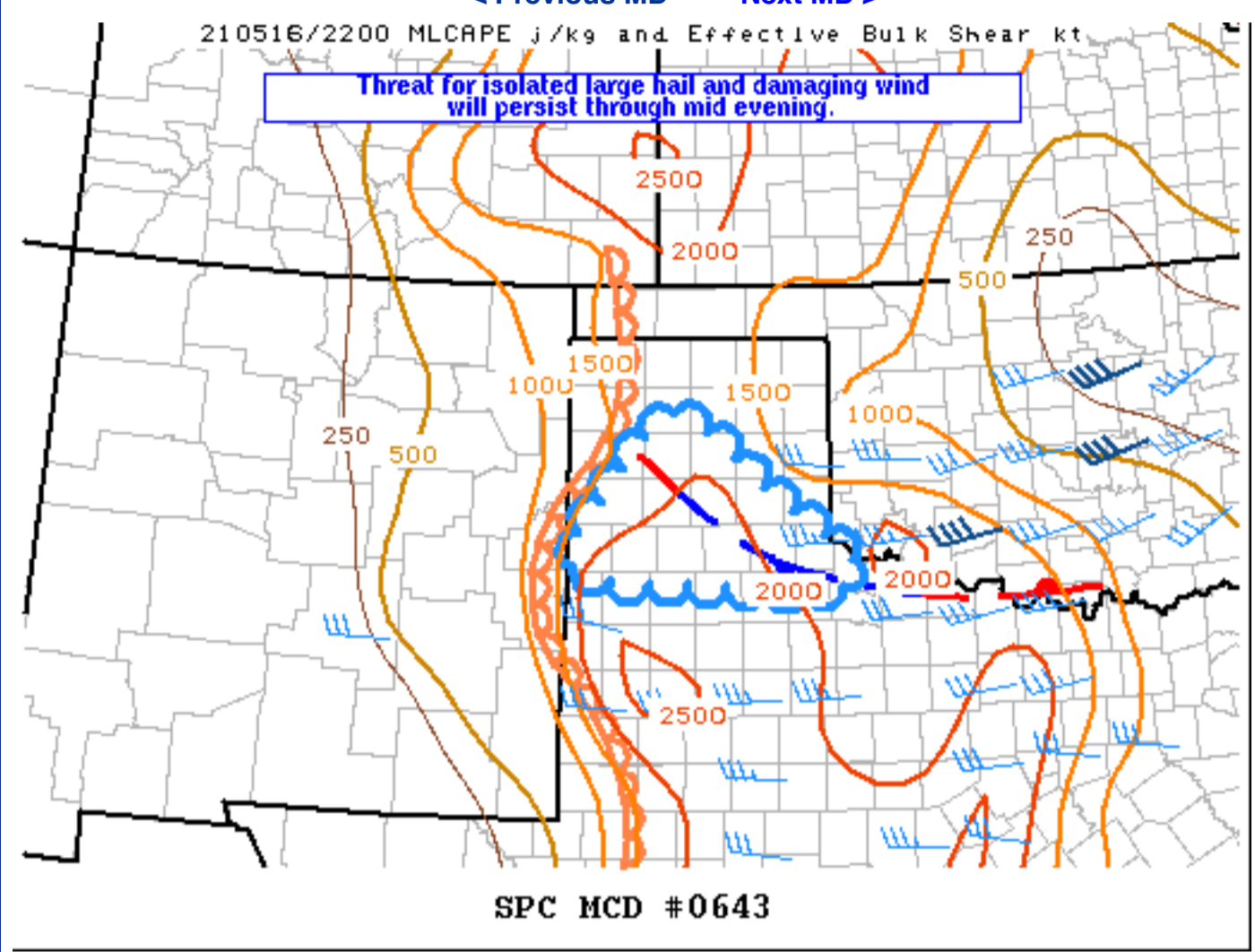
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Mesoscale Discussion 643

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SPC MCD #0643

Mesoscale Discussion 0643
 NWS Storm Prediction Center Norman OK
 0612 PM CDT Sun May 16 2021

Areas affected...the Texas Panhandle

Concerning...Severe Thunderstorm Watch [177](#)...

Valid 162312Z - 170045Z

The severe weather threat for Severe Thunderstorm Watch 177 continues.

SUMMARY...Threat for mainly isolated large hail will persist through 01Z over the TX Panhandle, after which the primary threat may transition to damaging wind.

DISCUSSION...Scattered thunderstorms continue along a nearly stationary outflow boundary across southern portions of the TX Panhandle as well as along the outflow boundary-dryline intersection and a short distance southward along the dryline. Storms remain discrete in character, suggesting large hail remains the primary short-term threat. The atmosphere is moderately unstable, and a strengthening southerly low-level jet this evening will augment mesoscale forcing along the outflow boundary. Storms might become numerous enough for individual outflows to merge, eventually supporting the potential for a forward propagating MCS. Should this evolution occur, the primary threat will transition to damaging wind by 01Z as storms develop southeast.

..Dial.. 05/16/2021

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

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