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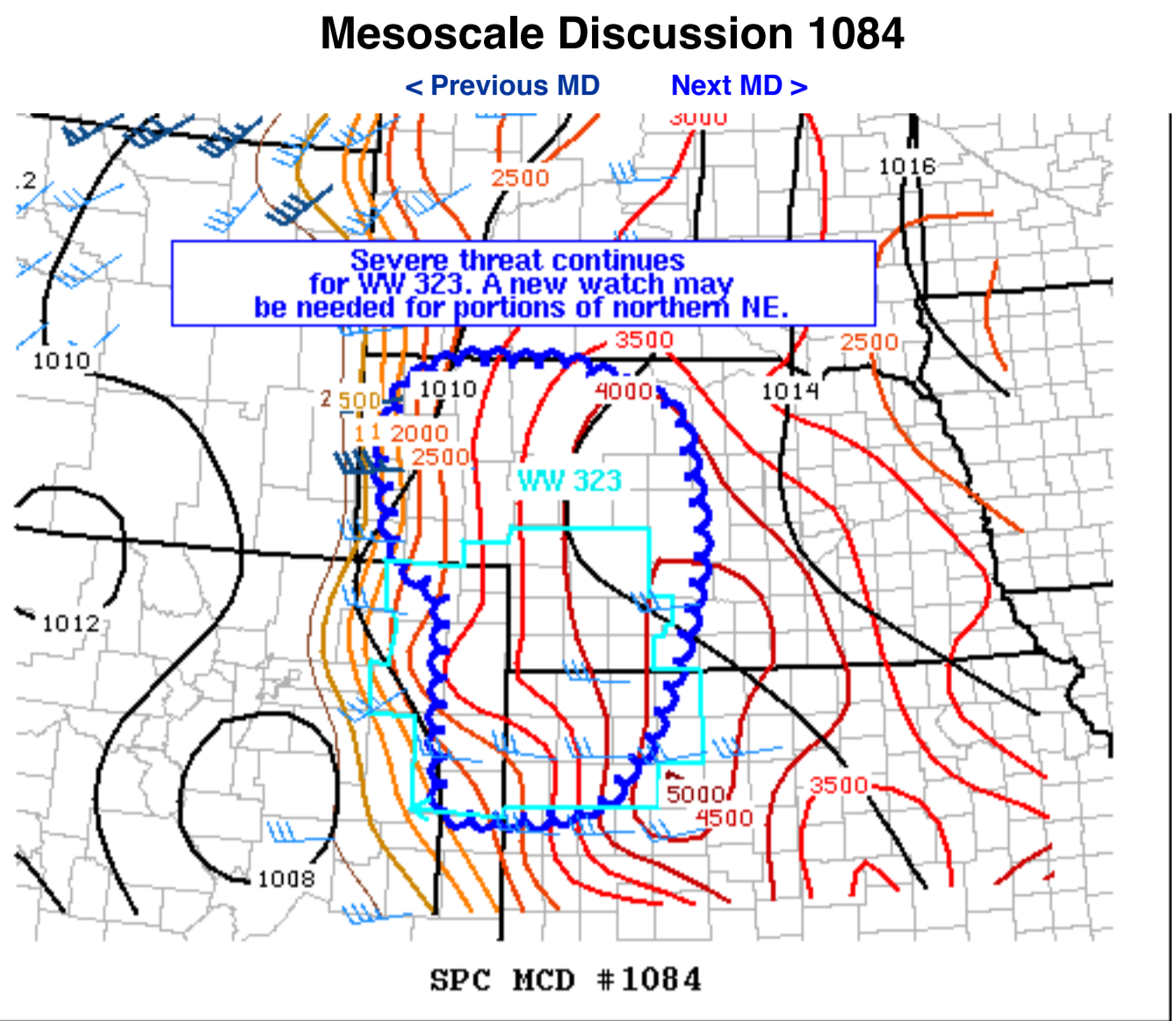
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Mesoscale Discussion 1084
 NWS Storm Prediction Center Norman OK
 0553 PM CDT Thu Jul 02 2020

Areas affected...Northeast Kansas and into north-central Nebraska

Concerning...Severe Thunderstorm Watch 323...

Valid 022253Z - 030100Z

The severe weather threat for Severe Thunderstorm Watch 323 continues.

SUMMARY...The threat for severe wind and hail continues across WW 323, and a new watch may be needed for portions of north-central Nebraska.

DISCUSSION...Recent radar trends from across northwest KS and southwest NE show a gradual transition from discrete/semi-discrete storm modes into linear segments. This is likely due continued ascent along an eastward moving outflow boundary and continued cold-pool amalgamation. Discrete convection has also recently been noted across the southwestern NE Panhandle along the northern periphery of an outflow boundary. In the near term, the risk for severe hail and wind will continue given sufficient deep layer shear (30-40 knots) and 3000-4000 J/kg MLCAPE. However, wind may become the primary threat as upscale growth continues and storms move eastward into a weaker shear environment. Additionally, the continue east/northeast propagation of the outflow boundary into north-central NE may initiate additional thunderstorms. Agitated cumulus across this region suggests limited inhibition remains in place, and despite relatively weaker shear, severe winds, and perhaps severe hail, will be possible. As such, a new watch may be needed later this evening for this area.

..Moore/Thompson.. 07/02/2020

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

ATTN...WFO...GID...LBF...GLD...PUB...BOU...CYS...

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