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City, St

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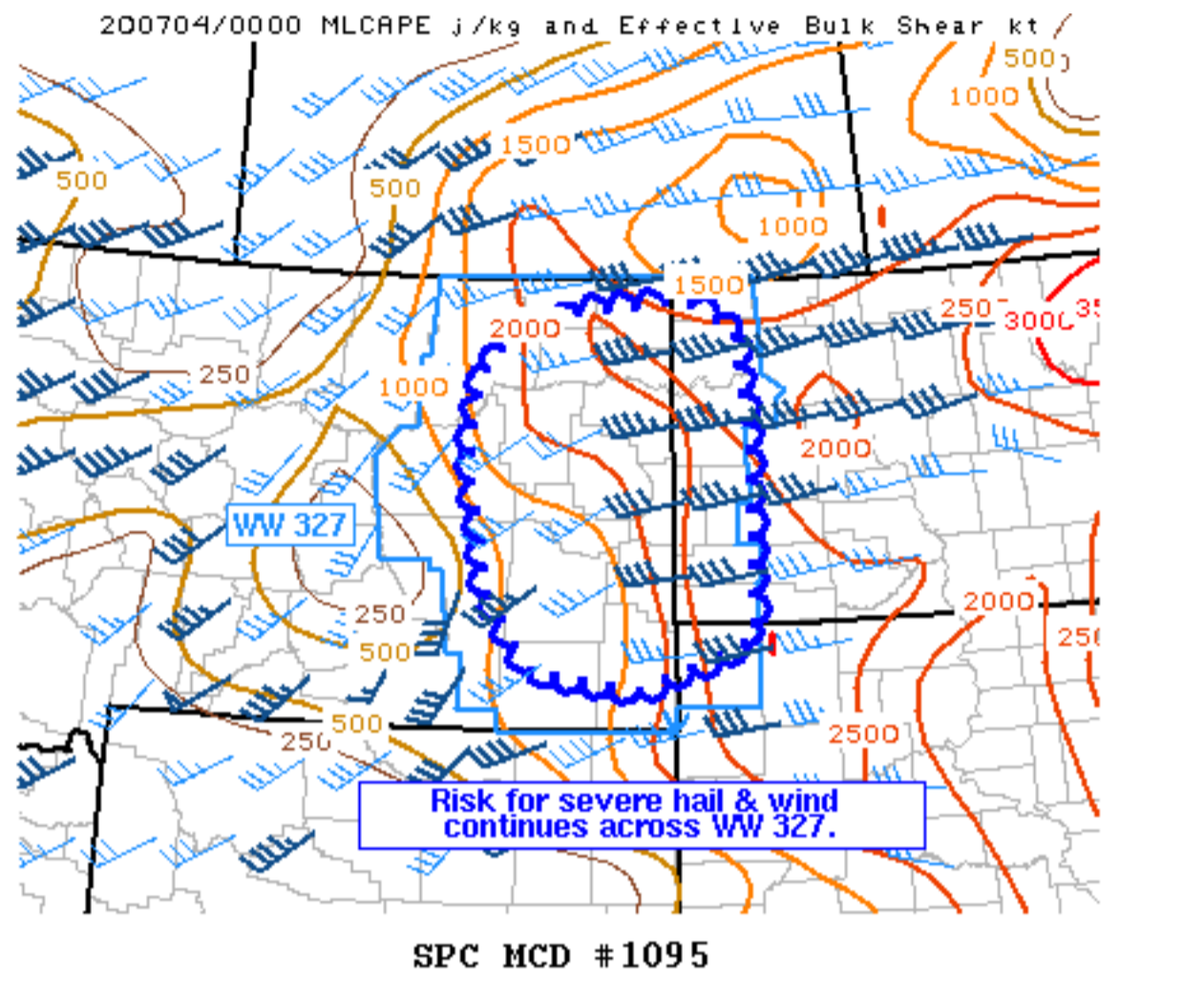
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## Mesoscale Discussion 1095

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Mesoscale Discussion 1095  
 NWS Storm Prediction Center Norman OK  
 0822 PM CDT Fri Jul 03 2020

Areas affected...eastern Montana

Concerning...Severe Thunderstorm Watch 327...

Valid 040122Z - 040315Z

The severe weather threat for Severe Thunderstorm Watch 327 continues.

SUMMARY...The risk for severe hail and wind continues across WW 327.

DISCUSSION...Recent radar and MRMS vertically integrated ice trends continue to show periodic intensification in convection across WW 327. Recent 00 UTC soundings from Glasgow, MT and RAP mesoanalysis show relatively small MLCIN in place across eastern/northeast MT with upwards of 2000-3000 J/km MLCAPE. Observed wind profiles also show around 30 knots of effective bulk shear, but nearly straight hodographs below 5 km will continue to support storm splits, at least for the near term. This will increase the potential for destructive storm interactions as storms continue to develop with a zone of ascent from the MT/ND/SD border region northwestward towards Glasgow, MT. However, as these storms continue to the east/northeast they should encounter an environment with improved instability and deep layer shear, suggesting the potential for severe hail and wind will continue for at least the next 1-2 hours.

..Moore.. 07/04/2020

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

ATTN...WFO...BIS...UNR...BYZ...GGW...

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