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 City, St

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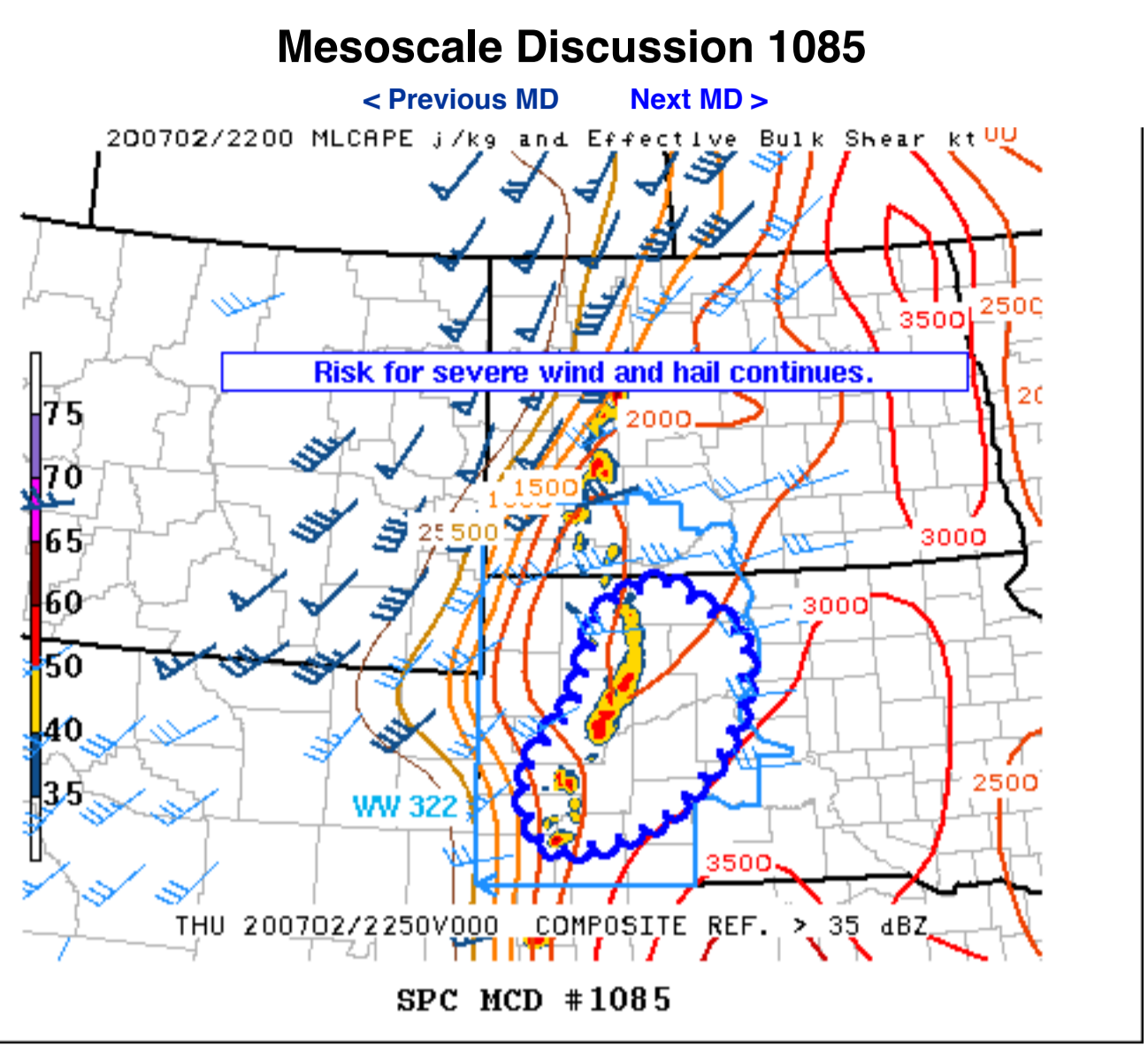
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Mesoscale Discussion 1085  
 NWS Storm Prediction Center Norman OK  
 0616 PM CDT Thu Jul 02 2020

Areas affected...Western South Dakota

Concerning...Severe Thunderstorm Watch 322...

Valid 022316Z - 030115Z

The severe weather threat for Severe Thunderstorm Watch 322 continues.

SUMMARY...The risk for severe wind and hail continues for portions of WW 322.

DISCUSSION...Recent radar trends from western SD and southwest ND continue to show a combination of discrete/semi-discrete storms across southwest SD with more linear modes noted across northwest SD. The greatest near-term threat for severe wind will likely be associated with the southern edge of the developing line of storms across northwest SD. While the northern half of this line will likely struggle to maintain intensity as it moves into an air mass with greater inhibition (per recent RAP mesoanalysis), the southern portions should remain on the periphery of the more stable air and will continue to pose the risk for severe wind as the line moves to the east/northeast.

To the south of this line, scattered thunderstorm development continues along outflow boundaries from prior convection. Although the gradual development of a stable cold pool in this region will eventually limit the convective potential, favorable 30-40 knots of effective bulk shear and 1000-2000 J/kg MLCAPE should maintain the threat for severe hail and wind with the strongest storms for the next 1-2 hours.

..Moore.. 07/02/2020

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

ATTN...WFO...ABR...UNR...

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