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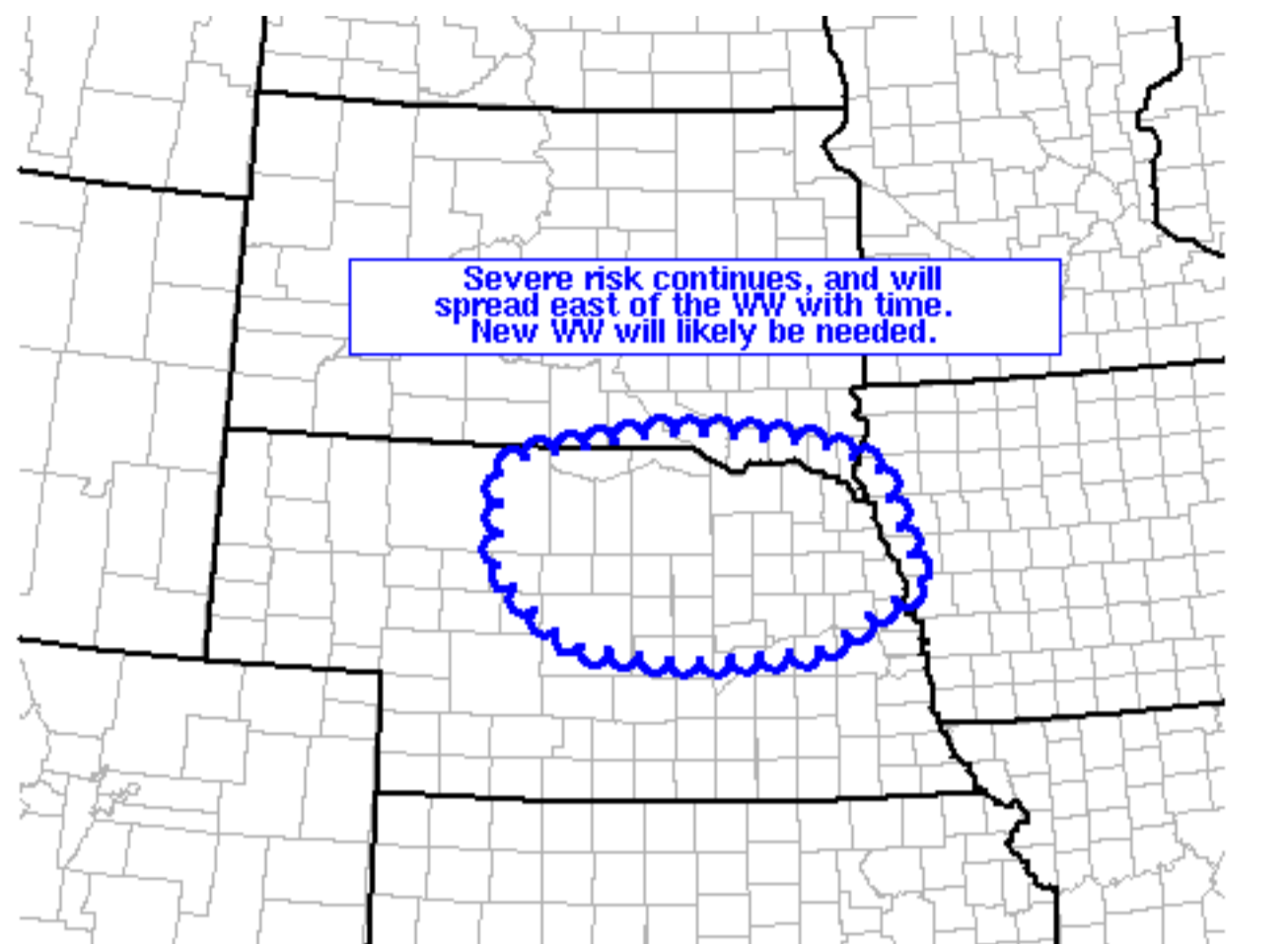
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Mesoscale Discussion 1070

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SPC MCD #1070

Mesoscale Discussion 1070
NWS Storm Prediction Center Norman OK
0613 PM CDT Wed Jun 23 2021

Areas affected...parts of central and eastern Nebraska and into far southeastern South Dakota

Concerning...Severe Thunderstorm Watch [306](#)...

Valid 232313Z - 240045Z

The severe weather threat for Severe Thunderstorm Watch 306 continues.

SUMMARY...Severe risk continues to increase locally over parts of north-central Nebraska. As convection shifts eastward -- spreading out of the WW in the next 1-2 hours -- a new WW may be needed into the northeastern Nebraska area.

DISCUSSION...Latest radar loop shows hints that storms may begin to congeal across north-central Nebraska, as suggested by latest runs of the HRRR and which seems reasonable given downstream instability that is available. As a south-southwesterly low-level jet develops and then veers gradually through the evening, east-southeastward propagation of the convection seems likely.

Presuming continued trends toward upscale growth, damaging wind potential will likely become more widespread. Otherwise, large hail will remain possible, with baseball-sized hail reported earlier in Keya Paha County. As storms near the eastern edge of [WW 306](#), downstream watch issuance will likely be needed to encompass this threat.

..Goss/Grams.. 06/23/2021

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

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