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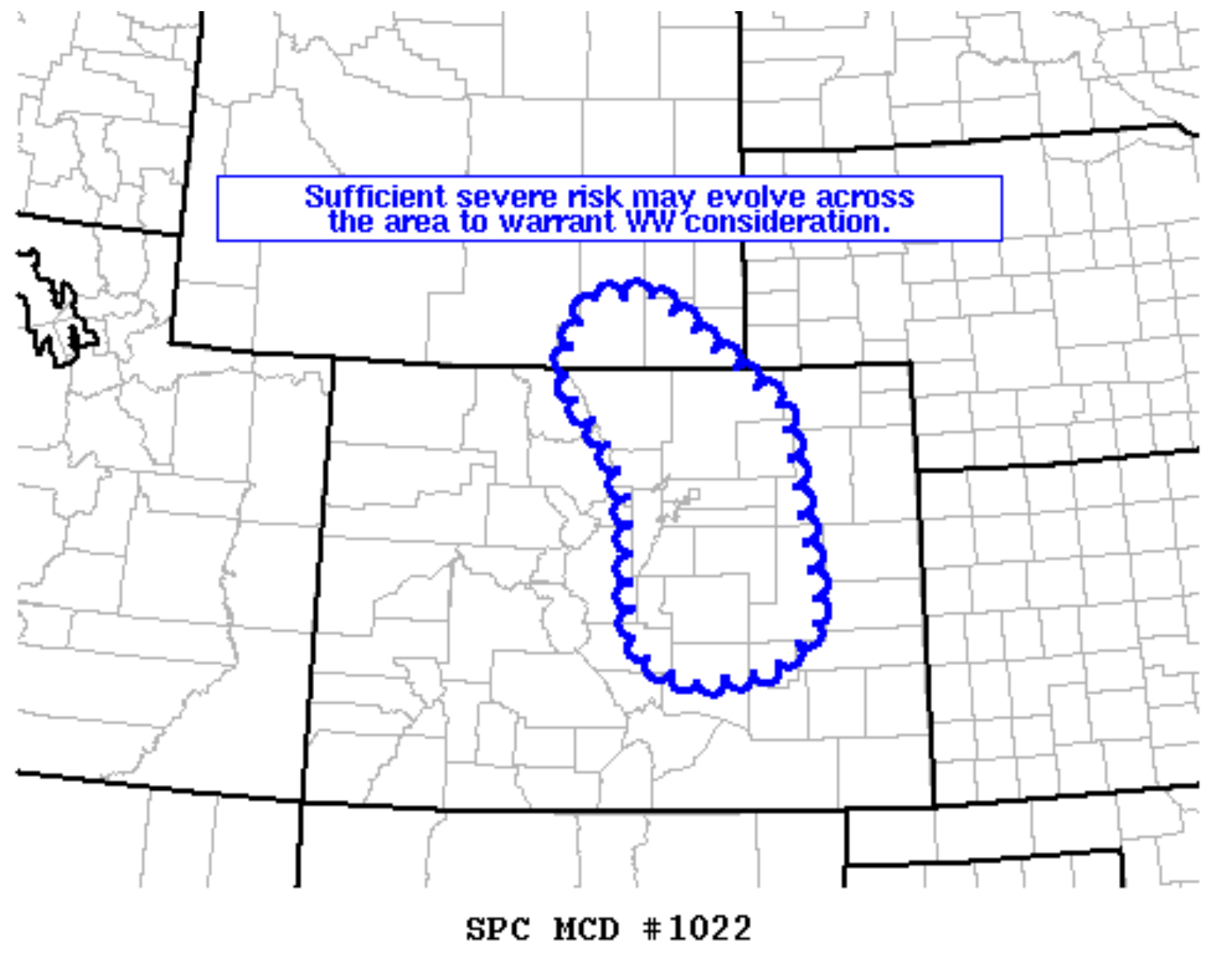
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## Mesoscale Discussion 1022

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Mesoscale Discussion 1022  
NWS Storm Prediction Center Norman OK  
0227 PM CDT Fri Jun 03 2022

Areas affected...southeastern Wyoming southward across the Colorado Front Range

Concerning...Severe potential...Watch possible

Valid 031927Z - 032130Z

Probability of Watch Issuance...40 percent

SUMMARY...Thunderstorms are expected to continue developing across the Front Range, spreading into the high Plains over the next few hours. WW may be required.

DISCUSSION...Satellite and radar loops reveal ongoing storm initiation/growth across the Front Range, aided by weak low-level upslope flow locally. With a modestly moist boundary layer in place (upper 40s to low 50s dewpoints), diurnal heating has led to development of roughly 1000 J/kg mixed-layer CAPE across the area.

With roughly 40 kt westerlies overlaying low-level flow exhibiting varying degrees of easterly component, shear supports organized/supercell storms. Given associated/gradually increasing potential for hail and locally damaging wind gusts, WW issuance may be necessary within the next 1 to 2 hours.

..Goss/Guyer.. 06/03/2022

...Please see [www.spc.noaa.gov](http://www.spc.noaa.gov) for graphic product...

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