



Local forecast by "City, St" or "ZIP"

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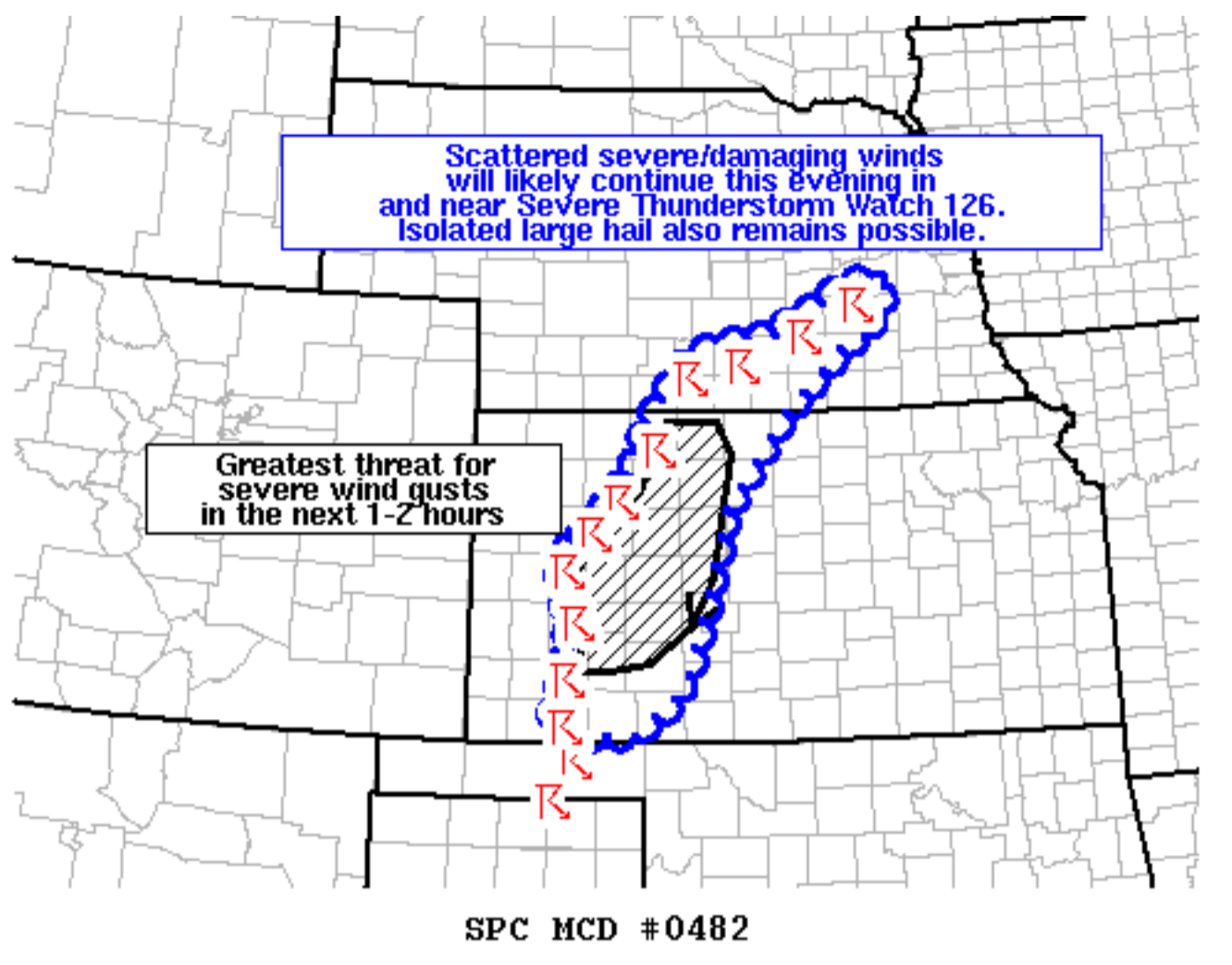
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Mesoscale Discussion 482

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Mesoscale Discussion 0482
 NWS Storm Prediction Center Norman OK
 0836 PM CDT Sun May 02 2021

Areas affected...Portions of western/central KS and southern into east-central NE

Concerning...Severe Thunderstorm Watch 126...

Valid 030136Z - 030300Z

The severe weather threat for Severe Thunderstorm Watch 126 continues.

SUMMARY...Scattered severe/damaging winds will likely continue this evening in and near Severe Thunderstorm Watch 126. Isolated large hail also remains possible.

DISCUSSION...Storms have grown upscale into an arcing line from southwestern into west-central KS, continuing into southern and east-central NE. As this convection moves east-southeastward this evening, it will encounter around 1000-1500 J/kg of MLCAPE and weak MLCIN. The 00Z sounding from DDC observed a well mixed boundary layer with steep low and mid-level lapse rates. A 25-30 kt south-southeasterly low-level jet should support continued storm organization, with scattered severe/damaging winds mainly in the 60-70 mph range the primary threat in the short term. The strong to severe convection in southern/east-central NE has remained along a cold front, with occasional large hail reported. This activity is not expected to move off the front very quickly this evening, which should keep the overall severe hail/wind threat fairly isolated with northward extent. The greatest severe wind risk should focus across parts of western/central KS over the next hour or two where the greatest instability is present.

..Gleason.. 05/03/2021

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

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