



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

City, St

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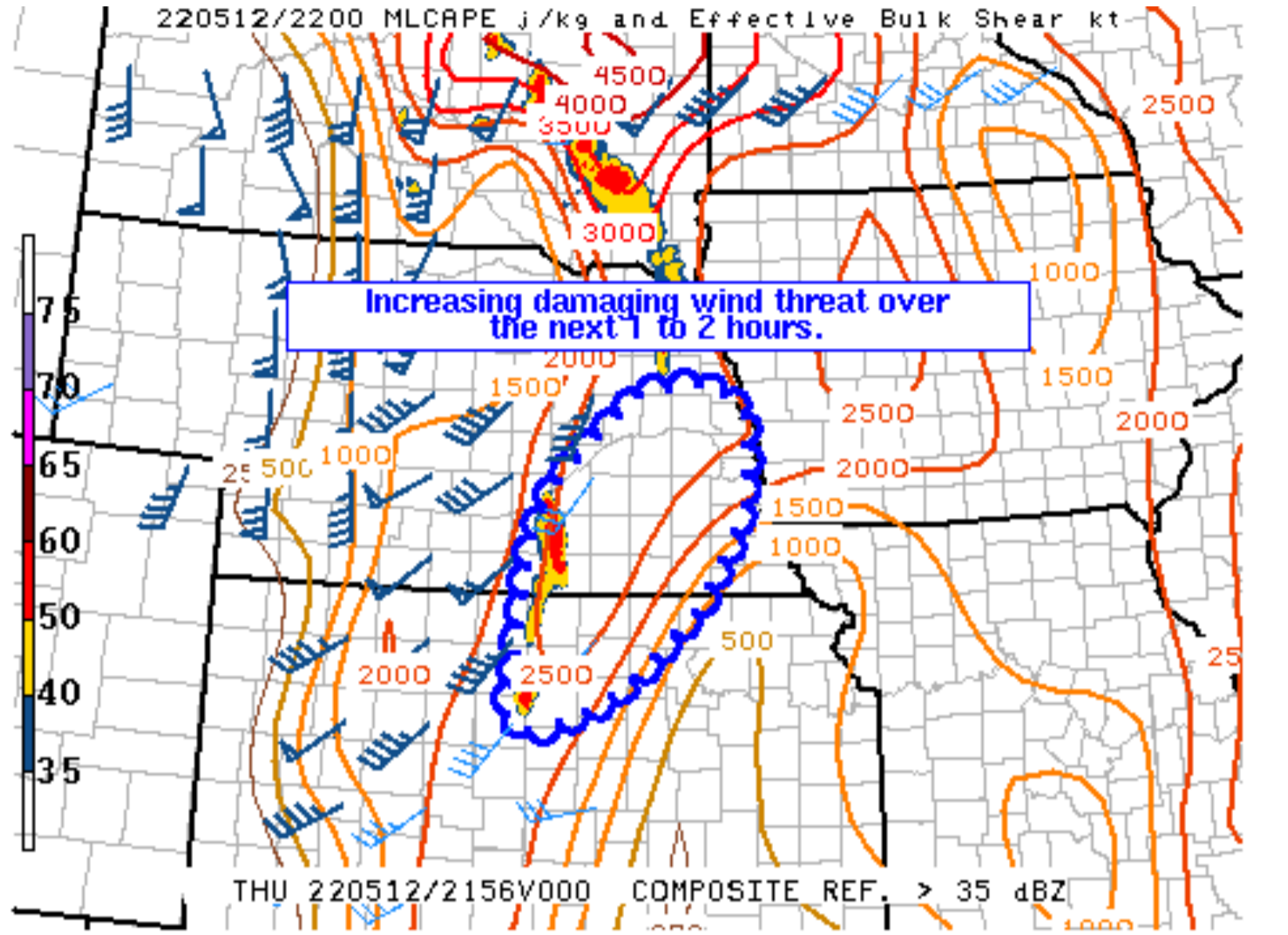
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Mesoscale Discussion 741

[< Previous MD](#) [Next MD >](#)



SPC MCD #0741

Mesoscale Discussion 0741
 NWS Storm Prediction Center Norman OK
 0507 PM CDT Thu May 12 2022

Areas affected...Southern Nebraska and northern Kansas into southeast Nebraska

Concerning...Severe Thunderstorm Watch 206...210...

Valid 122207Z - 122300Z

The severe weather threat for Severe Thunderstorm Watch 206, 210 continues.

SUMMARY...Developing line of storms will pose a threat for widespread damaging winds with gusts above hurricane force (74 mph) possible.

DISCUSSION...A line of storms developed across northern Kansas and has become more mature as it moved into southern Nebraska. Widespread 60 to 70 knot winds are being sampled from the KUEX WSR-88D with localized areas sampling wind gusts over 90 knots at around 1000 to 1500 feet. This line is expected to continue to strengthen as it moves into an airmass characterized by MLCAPE of 2500 J/kg and DCAPE around 1700 M/kg. Shear is only ~30-35 knots, which could cause the outflow to outrun the convection with time. Therefore, the best chance for significant wind gusts will likely be in the next hour, but the wind damage threat will likely continue beyond this time as a strong cold pool develops.

..Bentley.. 05/12/2022

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

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