



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

City, St



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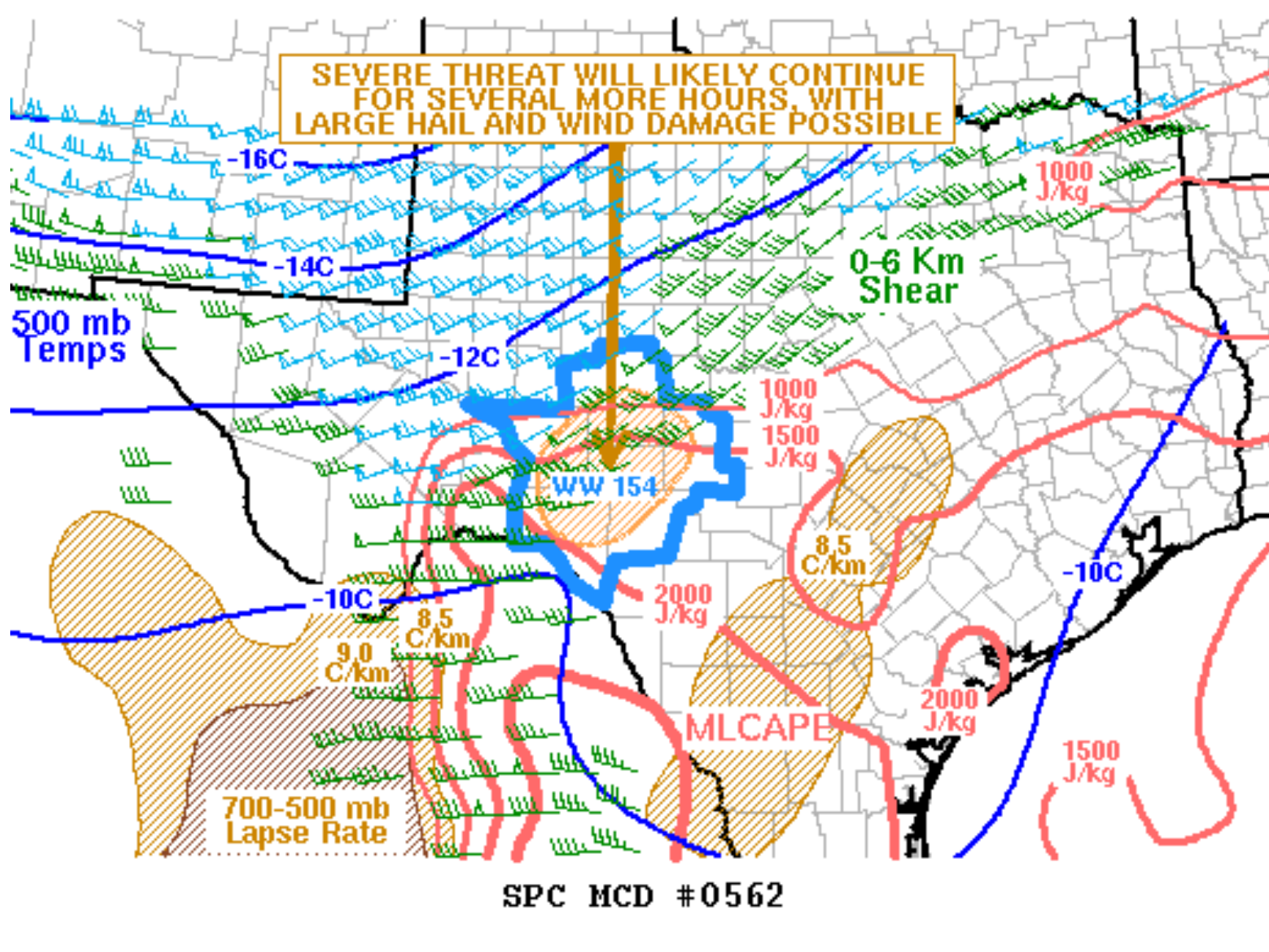
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Mesoscale Discussion 562

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Mesoscale Discussion 0562
 NWS Storm Prediction Center Norman OK
 1020 PM CDT Sun Apr 24 2022

Areas affected...West-central Texas

Concerning...Severe Thunderstorm Watch 154...

Valid 250320Z - 250500Z

CORRECTED WORDING

The severe weather threat for Severe Thunderstorm Watch 154 continues.

SUMMARY...A severe threat will likely continue across parts of west-central Texas over the next few hours. Large hail and wind damage will be the primary hazards. The severe threat should gradually become more isolated late this evening. New watch issuance appears unlikely.

DISCUSSION...The latest high-resolution radar from Del Rio has a small cluster of severe thunderstorms about 70 statute miles southwest of San Angelo. The storms are located along an east-to-west front where low-level convergence is maximized. Surface dewpoints in the lower 60s F to the south of the boundary are contributing to moderate instability, with the RAP estimating MLCAPE in the 2000 to 2500 J/kg range. In addition, an upper-level trough is evident on water vapor imagery over the southern Rockies extending southward into far West Texas. Large-scale ascent and moderate deep-layer shear associated with the trough will support continued thunderstorm development over parts of west-central Texas late this evening. The deep-layer shear combined with steep mid-level lapse rates will support large hail with storms that can maintain supercell structure. Wind damage will also be possible, but any threat should gradually become more isolated late this evening.

..Broyles.. 04/25/2022

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

ATTN...WFO...EWX...SJT...

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