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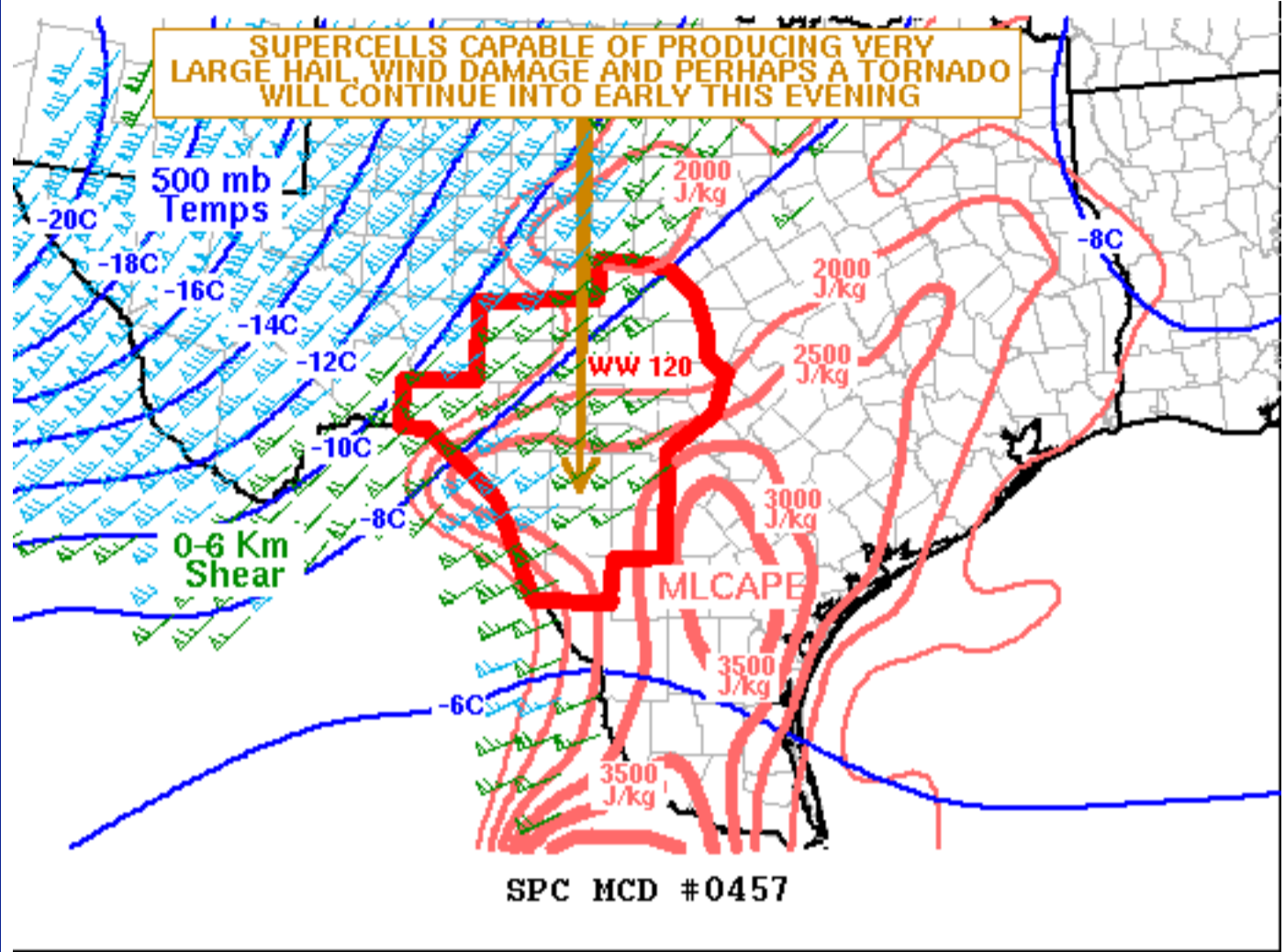
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## Mesoscale Discussion 457

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SPC MCD #0457

Mesoscale Discussion 0457  
 NWS Storm Prediction Center Norman OK  
 0541 PM CDT Wed Apr 28 2021

Areas affected...Southwest Texas  
 Concerning...Tornado Watch 120...

Valid 282241Z - 290045Z

The severe weather threat for Tornado Watch 120 continues.

**SUMMARY...**A severe threat will continue through early this evening across parts of southwest Texas. Very large hail, wind damage and a tornado or two will be possible.

**DISCUSSION...**The latest radar imagery out of Del Rio shows a cluster of severe storms located from just southeast of Del Rio extending westward into the far northern Mexico. The storms will continue to move eastward along a corridor of moderate instability over the next few hours. The RAP is showing MLCAPE in the 2500 to 3000 J/kg range from near Del Rio extending eastward into the southern Texas Hill Country. The RAP suggests that 700-500 mb lapse rates are near 7.0 C/km. This combined 0-6 km shear in the 50 to 60 kt range, evident on the WSR-88D VWP, will be favorable for supercells with large hail. Hailstones of greater than 2 inches in diameter will be possible with the stronger updrafts. As low-level flow strengthens early this evening, a tornado threat is expected to develop. Wind damage can also be expected along the leading edge or within the stronger downdrafts.

..Broyles.. 04/28/2021

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

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