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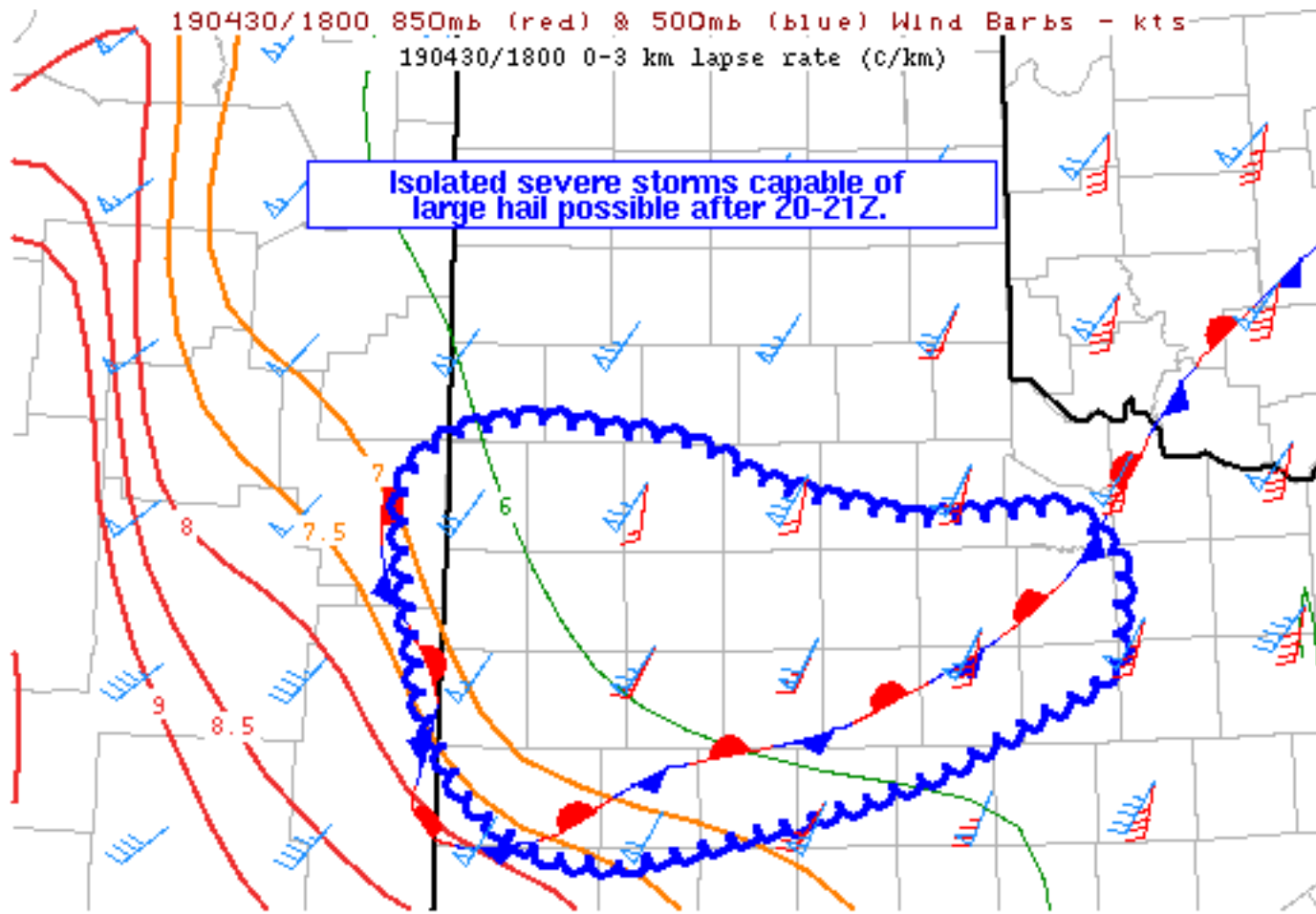
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## Mesoscale Discussion 481

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SPC MCD #0481

Mesoscale Discussion 0481  
NWS Storm Prediction Center Norman OK  
0206 PM CDT Tue Apr 30 2019

Areas affected...the South Plains of west Texas

Concerning...Severe potential...Watch possible

Valid 301906Z - 302130Z

Probability of Watch Issuance...40 percent

SUMMARY...At least isolated storms producing large hail are expected across parts of the South Plains. The existing Slight Risk area will be expanded westward at 20Z.

DISCUSSION...Visible imagery shows stratus associated with cold air behind the front eroding, with heating expanding north. CU fields are expanding near this boundary, from southeast NM into northwest TX.



While early attempts of initiation have failed due to storm motion carrying the updrafts into the stable air, a gradual mixing of the cool side of the front along with heating and southerly low-level winds may eventually allow for sustained severe storms capable of large hail. A tornado is possible along eastern portions of the front into northwest TX.

..Jewell/Hart.. 04/30/2019

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

ATTN...WFO...OUN...SJT...LUB...MAF...ABQ...

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32480250 32710287 33130314 33820325 34140326 34310304  
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