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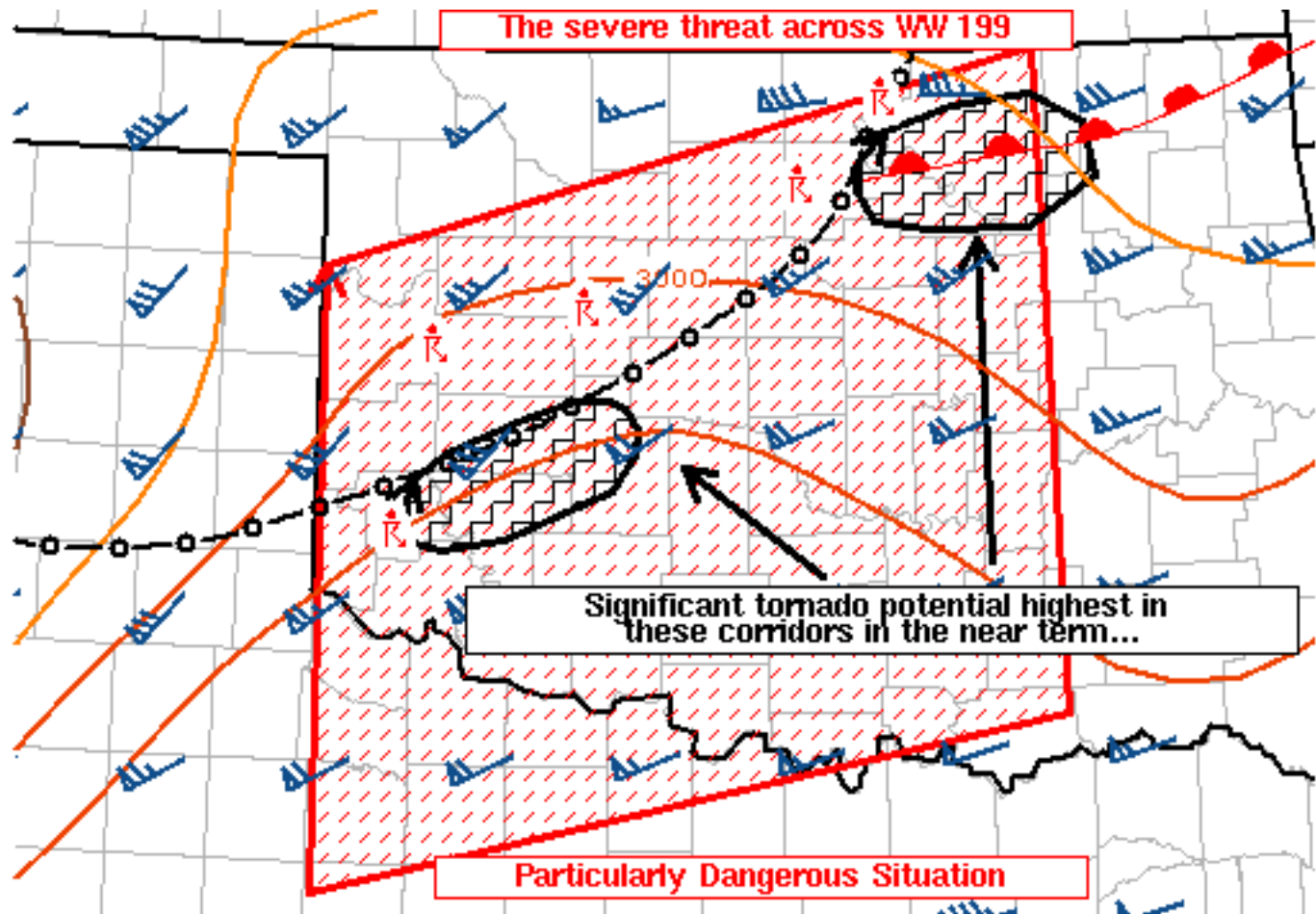
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## Mesoscale Discussion 709

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SPC MCD #0709

Mesoscale Discussion 0709

NWS Storm Prediction Center Norman OK

0544 PM CDT Mon May 20 2019

Areas affected...Much of Oklahoma and portions of western north Texas

Concerning...Tornado Watch [199](#)...

Valid 202244Z - 202345Z

The severe weather threat for Tornado Watch 199 continues.

SUMMARY...The severe threat continues across [WW 199](#). A volatile environment remains in place across the discussion area with all modes of severe (including significant tornadoes) remaining possible.

DISCUSSION...In the short term, tornado potential appears to be maximized in a couple of areas - one over Greer County, OK (where recent radar trends indicate potential for significant tornadoes and



very large hail) and near Noble/Payne Counties in OK where a forward-propagating linear segment may interact with an outflow/warm frontal boundary immediately downstream of that region. Surface-based storms continue in a very volatile shear/instability combination, with all modes of severe remaining possible (including significant tornadoes). Shear will only increase in response to significant strengthening of low-level flow through the evening.

A convectively modified surface boundary continues to migrate slowly southward across west-central Oklahoma and resides along a line from near PNC to just south of CSM and westward to south of AMA. Storms north of this boundary will be elevated, but capable of large hail. If the current storm near Greer County, OK can continue on the warm side of the boundary, it will continue with a risk of occasional strong to violent tornadogenesis in addition to large hail and damaging wind gusts.

..Cook.. 05/20/2019

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

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