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 City, St

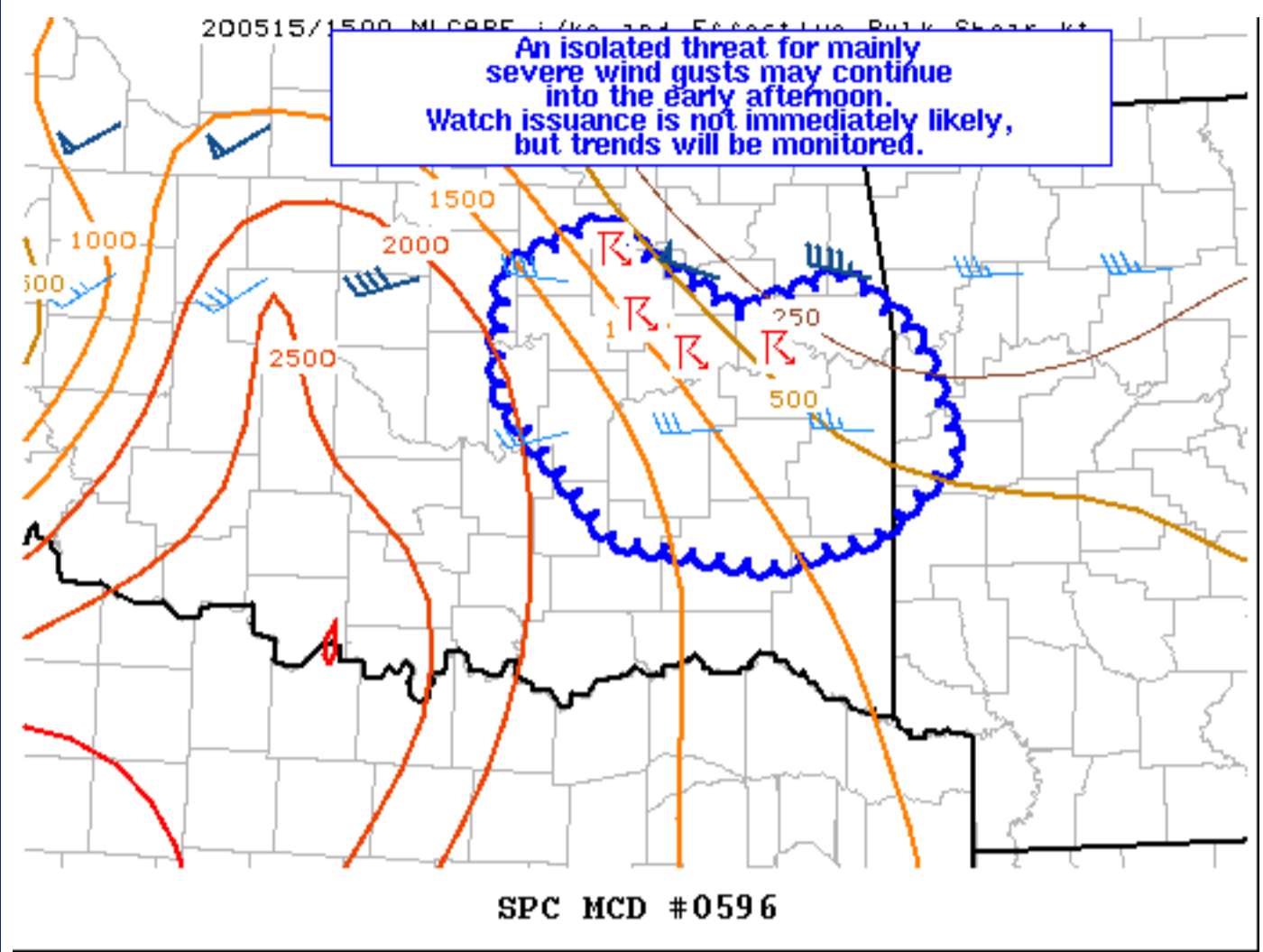
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Mesoscale Discussion 596

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Mesoscale Discussion 0596
 NWS Storm Prediction Center Norman OK
 1104 AM CDT Fri May 15 2020

Areas affected...Portions of eastern OK and far west-central AR

Concerning...Severe potential...Watch possible

Valid 151604Z - 151730Z

Probability of Watch Issuance...40 percent

SUMMARY...An isolated threat for mainly severe wind gusts may continue into the early afternoon. Although watch issuance is not immediately likely, trends will continue to be monitored.

DISCUSSION...A persistent band of convection over east-central OK is being supported by a 30-35 kt west-southwesterly low-level jet per recent KTLX VWP. Outflow from other storms to the north is about to reinforce this ongoing complex, with some potential for convection to develop generally southward along an instability gradient into the early afternoon. It remains unclear whether these storms will pose any more than an isolated severe/damaging wind and occasional hail threat, as the low-level jet is forecast to gradually weaken through the afternoon. Still, the airmass downstream of this developing cluster will continue to destabilize, and trends will be monitored for increasing storm intensity/organization over the next 1-2 hours. At this point, watch issuance does not appear immediately likely, but the severe threat across this region is expected to increase later this afternoon.

..Gleason/Dial.. 05/15/2020

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

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