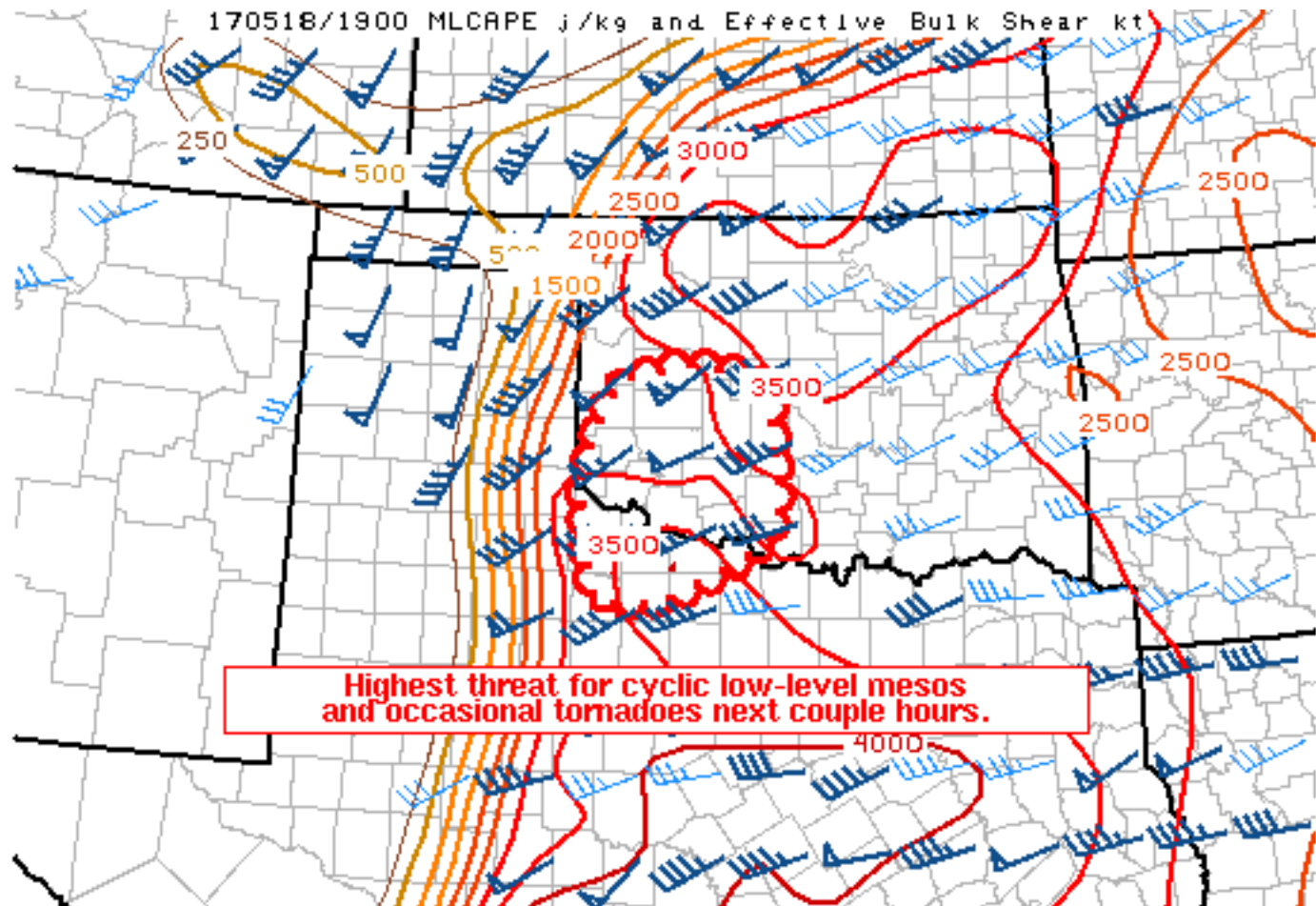


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## Mesoscale Discussion 760

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Highest threat for cyclic low-level mesos  
and occasional tornadoes next couple hours.

SPC MCD #0760

Mesoscale Discussion 0760

NWS Storm Prediction Center Norman OK

0302 PM CDT Thu May 18 2017

Areas affected...Portions of western Oklahoma and northwest Texas

Concerning...Tornado Watch [235](#)...

Valid 182002Z - 182130Z

The severe weather threat for Tornado Watch 235 continues.

SUMMARY...Potential for tornadoes likely maximized over northwest Texas and southwest Oklahoma over the next couple of hours.

DISCUSSION...KFDR radar data indicate several strong supercells across the discussion area this afternoon, with at least two tornadoes already reported over southwest Oklahoma. Ahead of these cells, surface observations indicate pressure falls around 1-1.5 mb/hour, with a notable backing of low-level flow. In turn, any semi-discrete convection with a deviant eastward component of motion

will exist within an environment characterized by strong low-level storm-relative flow. Radar data confirm such a regime, as ZDR arc signatures continue to be noted on these supercells, indicating vigorous storm-relative flow veering with height. Therefore, cyclic low-level mesocyclogenesis, with occasional tornadogenesis, will likely continue with these cells as they spread northeast. Very large hail and damaging winds will also remain a threat.

..Picca.. 05/18/2017

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

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NOAA / National Weather Service  
National Centers for Environmental Prediction  
Storm Prediction Center  
120 David L. Boren Blvd.  
Norman, OK 73072 U.S.A.  
[spc.feedback@noaa.gov](mailto:spc.feedback@noaa.gov)  
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