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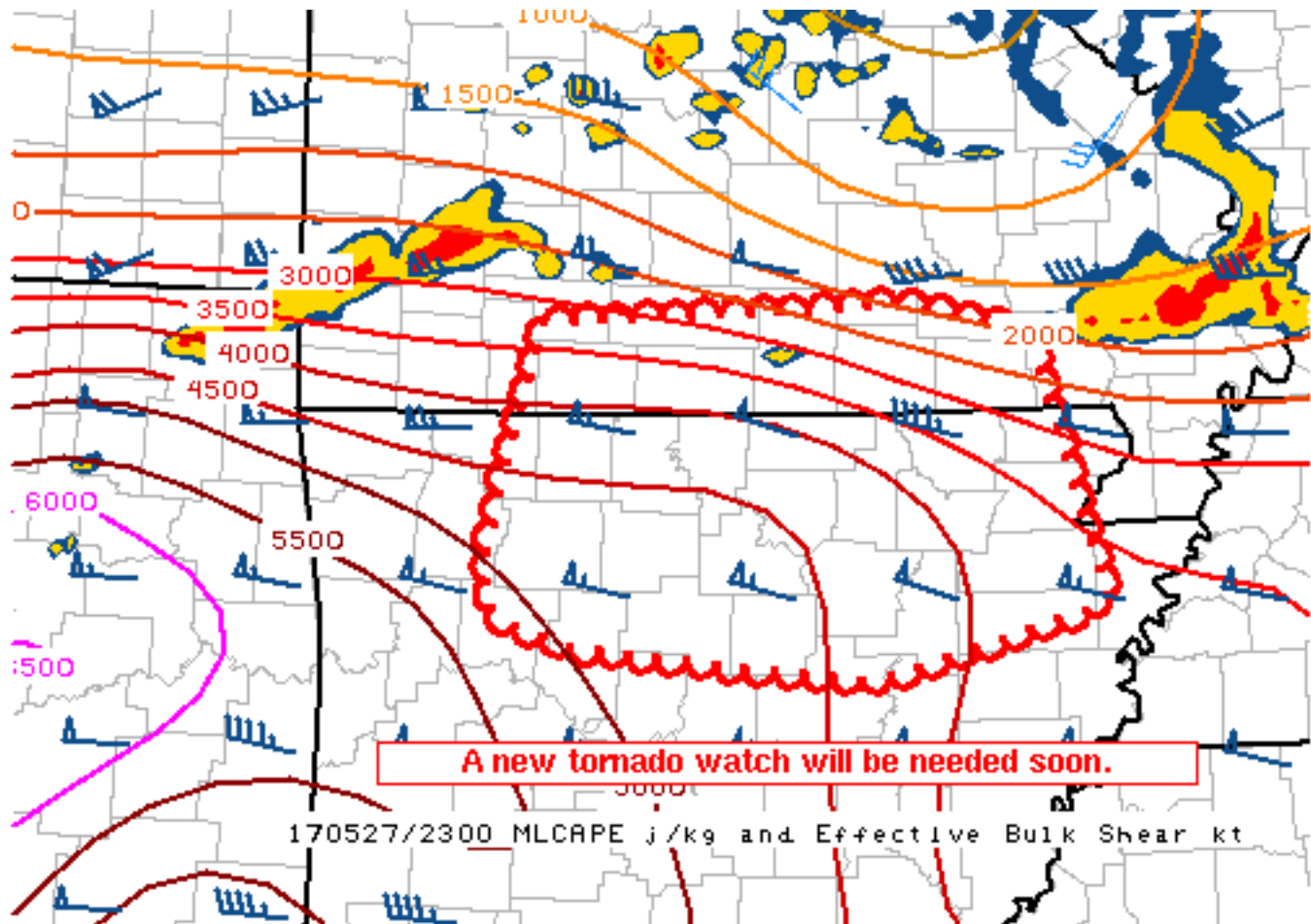
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SPC MCD #0878

Mesoscale Discussion 0878

NWS Storm Prediction Center Norman OK

0617 PM CDT Sat May 27 2017

Areas affected...Northern AR and southern MO

Concerning...Severe potential...Tornado Watch likely

Valid 272317Z - 280015Z

Probability of Watch Issuance...95 percent

SUMMARY...A tornado watch will be needed soon across northern Arkansas, as intense thunderstorms approach from the west and northwest.

DISCUSSION...Explosive thunderstorm development is underway across northeast OK into southwest MO, along and just ahead of a southward moving cold front, with additional development possible further south into east-central OK and northwest AR. This activity will begin to approach the area of northern AR not currently covered by a

tornado watch within 1-2 hours. Extreme CAPE and sufficient effective shear will support potentially significant hail and particularly damaging winds. While the convective mode may be relatively linear, some tornado threat will also exist, especially as the low-level jet increases this evening.

With these factors in mind, a new tornado watch will be coordinated shortly for portions of southern MO and northern AR.

..Dean/Guyer.. 05/27/2017

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

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