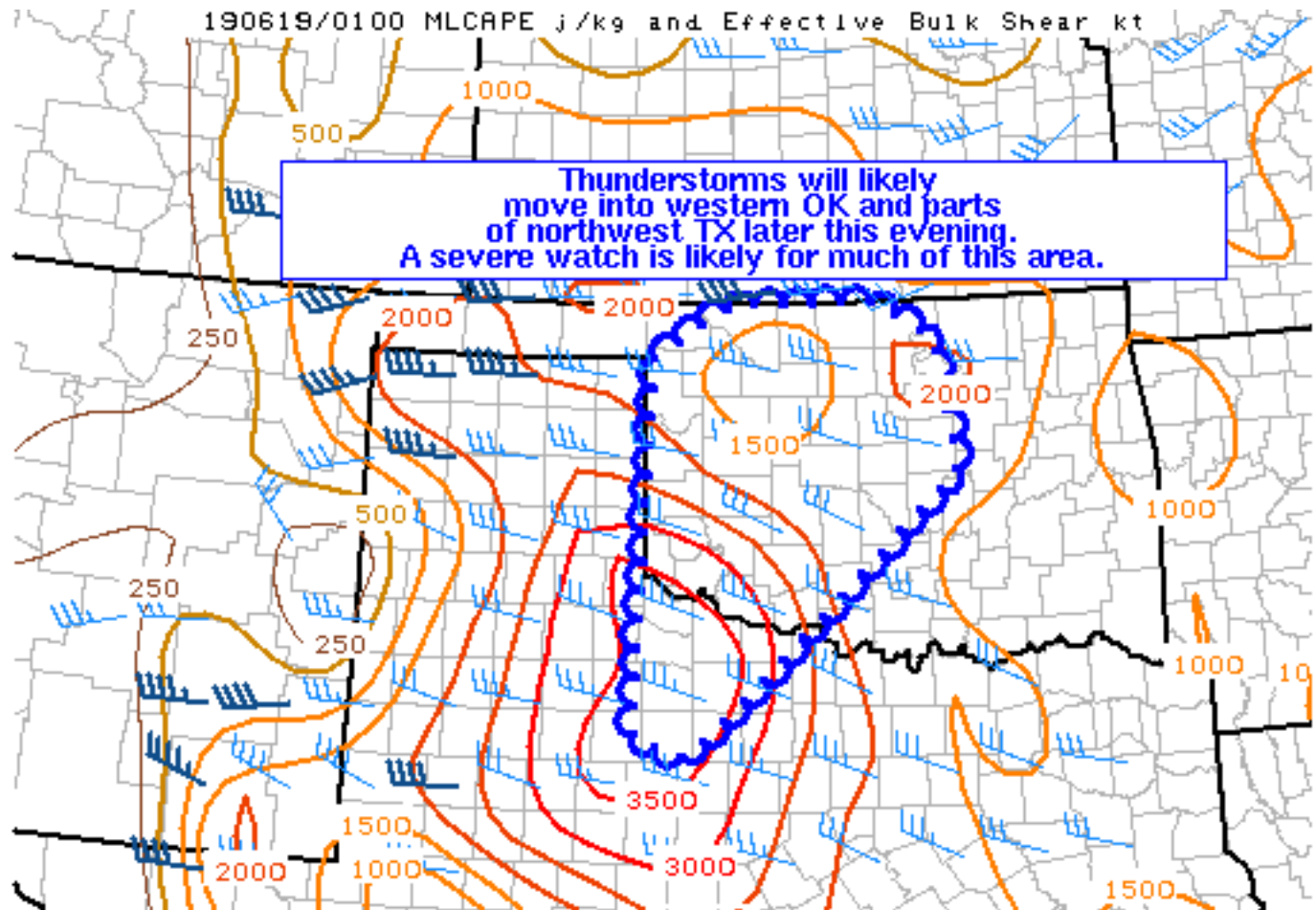


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## Mesoscale Discussion 1127

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Mesoscale Discussion 1127

NWS Storm Prediction Center Norman OK

0808 PM CDT Tue Jun 18 2019

Areas affected...much of central and western OK...part of northwest TX

Concerning...Severe potential...Severe Thunderstorm Watch likely

Valid 190108Z - 190315Z

Probability of Watch Issuance...95 percent

SUMMARY...Thunderstorms will likely move into western OK and parts of northwest TX later this evening with an accompanying severe threat.

DISCUSSION...Radar mosaic shows a multitude of severe thunderstorm clusters over western and northwestern TX into the TX Panhandle. A line segment over extreme southeast CO will likely move across the OK Panhandle and southwest KS during the next few hours. Surface



analysis shows temperatures in the 80s degrees F with surface dewpoints in the middle-upper 60s. A steep 700-500mb lapse rate (7.8 degrees C/km) and 85kt westerly flow was sampled by the Amarillo raob. Models show a tendency for upscale growth with the ongoing thunderstorm activity over the TX-OK Panhandles and extreme southeast CO as 850mb flow slowly strengthens this evening and veers late tonight.

Large hail and severe gusts are possible with any cellular activity through the late evening in parts of western OK and western north-central TX. The severe risk will transition to 60+ mph gusts capable of wind damage coincident with the expected evolution of a band of storms moving into northwest and into central OK later tonight.

Farther southwest into southwest OK and adjacent parts of TX, it is unclear whether a severe risk will persist beyond the mid-late evening with the ongoing activity as convective inhibition increases with the loss of heating.

..Smith/Edwards.. 06/19/2019

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

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