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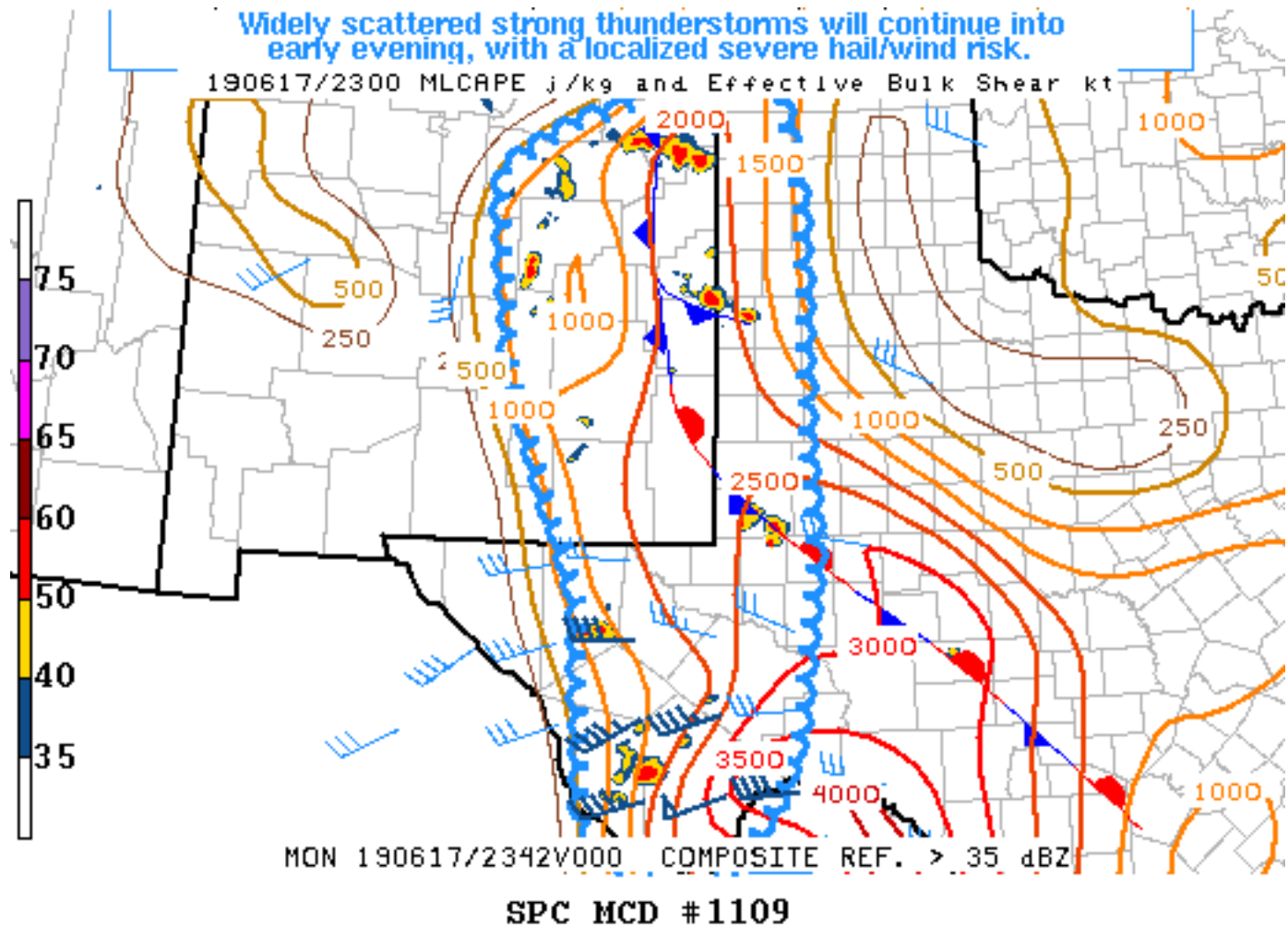
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Mesoscale Discussion 1109

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Mesoscale Discussion 1109

NWS Storm Prediction Center Norman OK

0657 PM CDT Mon Jun 17 2019

Areas affected...Eastern NM...West TX...Western portions of the TX Panhandle

Concerning...Severe Thunderstorm Watch [391](#)...

Valid 172357Z - 180130Z

The severe weather threat for Severe Thunderstorm Watch 391 continues.

SUMMARY...Widely scattered strong thunderstorms will continue into mid-evening, with a threat for isolated severe hail and wind.

DISCUSSION...At 2345Z, widely scattered strong thunderstorms are ongoing from the TX Big Bend region northward into northeast NM. Convection has primarily been discrete thus far, with a few severe hail reports noted over the past couple of hours. Initial storms



that formed over higher terrain have been propagating eastward across NM, and southward toward the TX Big Bend region. Additional storms have formed in the vicinity of surface boundaries across northeast NM (north of Tucumcari), east-central NM (near Clovis), and more recently just northwest of Midland, TX.

Moderate buoyancy (MLCAPE of 1000-2000 J/kg, locally higher near the TX Big Bend) and effective shear of 20-30 kt will support generally transient storm organization, with a continued threat for large hail and locally severe wind gusts in the short term. As the low-level jet increases this evening, an increase in storm coverage is expected in the vicinity of the existing surface boundaries and also with expanding outflow from ongoing convection. There is some potential for an upscale-growing cluster to move into western portions of the TX Panhandle and TX South Plains later this evening, with a corresponding uptick in severe wind potential.

..Dean.. 06/17/2019

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

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