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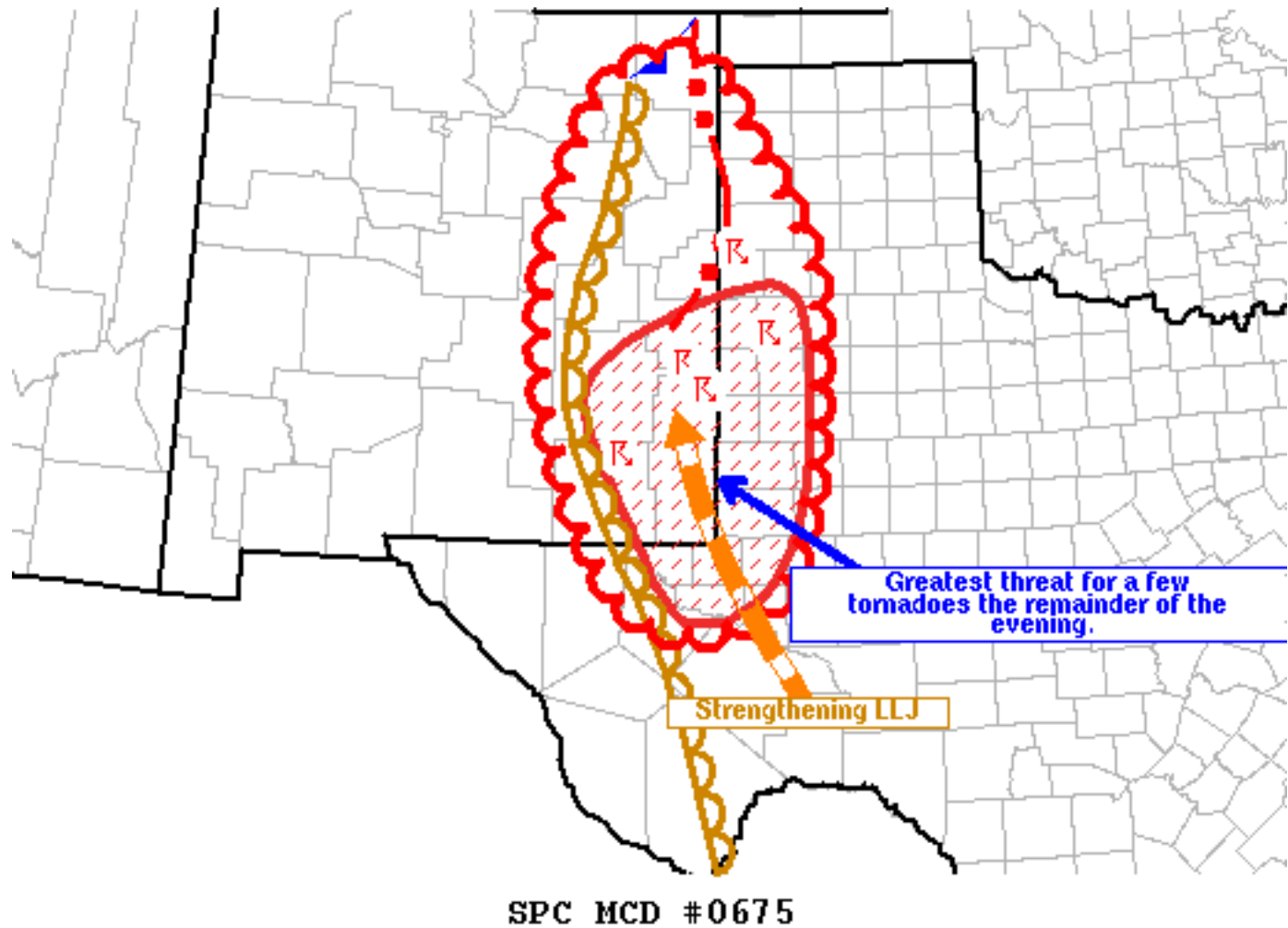
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Mesoscale Discussion 675

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Mesoscale Discussion 0675

NWS Storm Prediction Center Norman OK

0841 PM CDT Tue May 09 2017

Areas affected...eastern New Mexico through western TX

Concerning...Tornado Watch 200...

Valid 100141Z - 100345Z

The severe weather threat for Tornado Watch 200 continues.

SUMMARY...Threat for a few tornadoes, large hail and damaging wind will persist over tornado watch 200 the remainder of the evening. The greatest tornado threat is expected from southeast New Mexico into west Texas.

DISCUSSION...Satellite imagery shows numerous deeper convective towers in the process of developing along retreating dryline from southwest TX through southeast NM. Water vapor imagery indicates what appears to be a zone of ascent spreading east through far west

TX and south central NM. This band of ascent should overtake the dryline before 0230Z when additional storms should develop over southeast NM and possibly into Southwest TX. Farther north, storms persist from southeast through east-central NM into western TX. While a few supercells persist, some storms have evolved into line segments. The low-level jet is strengthening, and this will result in more favorable 0-1 km hodographs for supercells with low-level mesocyclones and a few tornadoes as storms develop/persist this evening. Moreover, boundary-layer temperature-dewpoint spreads have decreased as moisture advects northwestward and surface temperatures cool.

..Dial.. 05/10/2017

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

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