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Tstm. Outlooks

Fire Wx Outlooks

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E-Mail Alerts

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Storm Reports

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About Derechos

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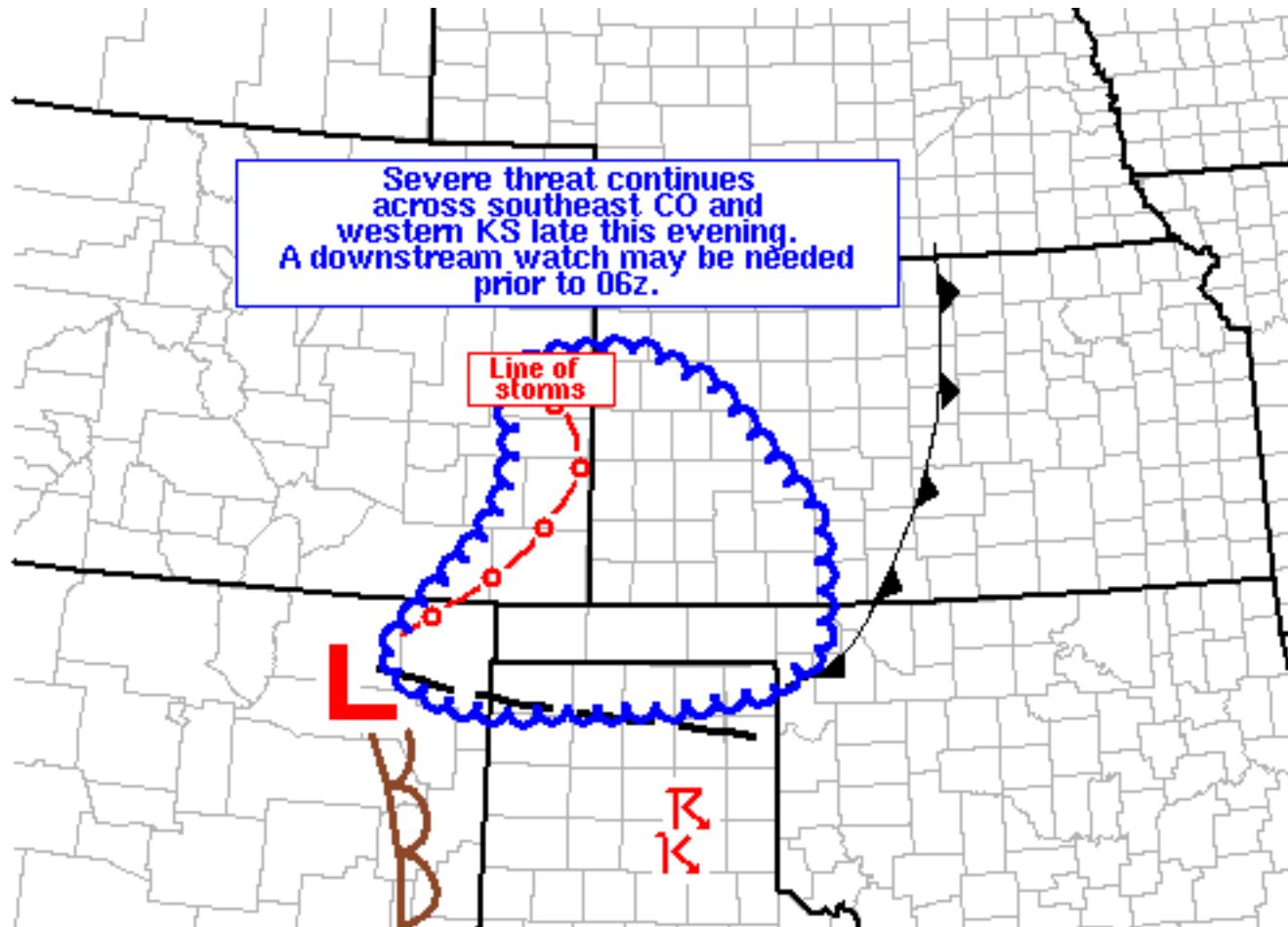
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Mesoscale Discussion 1207

< Previous MD

Next MD >



SPC MCD #1207

Mesoscale Discussion 1207

NWS Storm Prediction Center Norman OK

1001 PM CDT Sat Jun 22 2019

Areas affected...southeast CO into western KS...the OK/TX Panhandles and far northeast NM

Concerning...Severe Thunderstorm Watch [428](#)...

Valid 230301Z - 230430Z

The severe weather threat for Severe Thunderstorm Watch 428 continues.

SUMMARY...Damaging wind and hail threat will continue across portions of [WW 428](#). A downstream watch may be needed in the next couple of hours.

DISCUSSION...Convection across southeast CO has become better organized this evening as it tracks eastward toward southwest KS. Additional storms have developed southwestward into northeast NM as



well. A surface low was noted in surface analysis across northeast NM with a dryline extending southward through eastern NM and a weak surface trough/confluence zone extending eastward from the low across the northern TX Panhandle. Further east, a segmented cold front/composite outflow was located across central KS and far northwest OK.

Latest HRRR guidance suggests the complex of storms across southeast CO/northeast NM will continue to shift east/southeast in the vicinity of low level easterly flow and lobe of modest instability/increasing effective shear across southwest KS into the OK and northern TX Panhandles. Increasing forcing for ascent, associated with vort max ejecting across NM, is evident in water vapor imagery. This is further supported by isolated severe storms that have developed across parts of the TX Panhandle and Texas South Plains regions in the last hour or so. This stronger forcing should further aid continuation/organization of eastward propagating storms. As such, a new watch may be needed downstream of [WW 428](#) in the next couple of hours, as a damaging wind and hail threat could persist east/southeastward into the overnight hours.

..Leitman.. 06/23/2019

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

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