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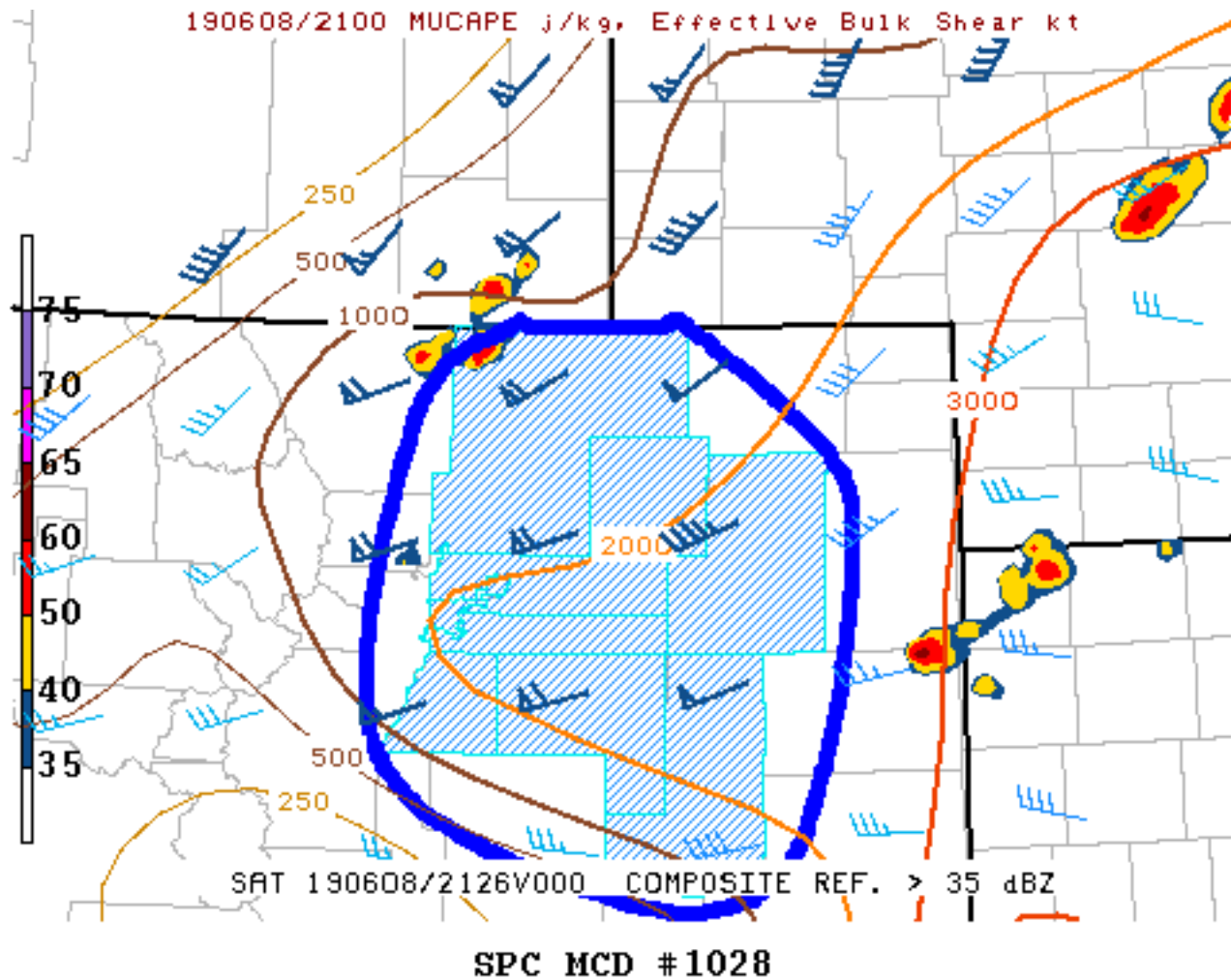
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Mesoscale Discussion 1028

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Mesoscale Discussion 1028

NWS Storm Prediction Center Norman OK

0444 PM CDT Sat Jun 08 2019

Areas affected...northeast Colorado

Concerning...Severe Thunderstorm Watch [344](#)...

Valid 082144Z - 082245Z

The severe weather threat for Severe Thunderstorm Watch 344 continues.

SUMMARY...Thunderstorms are developing within a moist-upslope regime. The overall large-scale environment will support a threat for severe thunderstorms, especially for any thunderstorm that can move east off the terrain.

DISCUSSION...Thunderstorms developing within the moist-upslope regime across north-central Colorado will continue for the next few hours. The overall large-scale environment will maintain mixed-layer



CAPE around 1000-2000 J/kg and effective deep-layer shear around 60-knots. Initial updrafts appear to be tied to the underlying terrain, which would limit the severe potential as updrafts and downdrafts compete with one another. However, current indications suggest some potential for at least a couple of thunderstorms to move east off the terrain in the next couple of hours as suggested by the thunderstorm in northwest Weld County. If this does occur, the overall environment will support at least some severe threat for any convective updraft that can sustain itself.

..Marsh/Grams.. 06/08/2019

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

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