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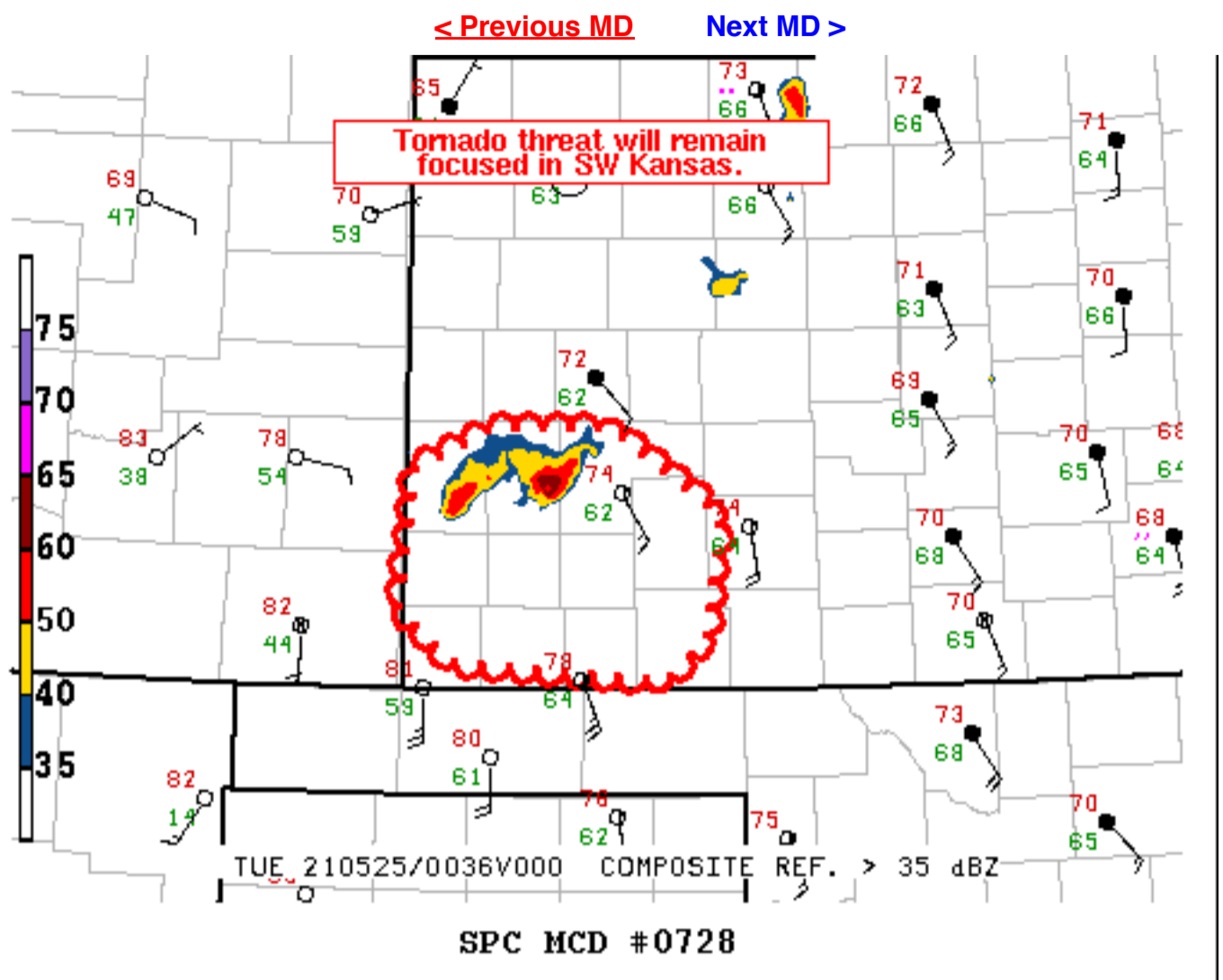
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Mesoscale Discussion 728



Mesoscale Discussion 0728
 NWS Storm Prediction Center Norman OK
 0807 PM CDT Mon May 24 2021

Areas affected...Southwest Kansas

Concerning...Tornado Watch 200...

Valid 250107Z - 250230Z

The severe weather threat for Tornado Watch 200 continues.

SUMMARY...A narrow window for tornado potential still exists in southwestern Kansas as the low-level jet increases. Some potential for upscale growth exists. This activity could push eastward. Trends will be monitored for a possible severe thunderstorm watch later this evening for parts of southwestern/south-central Kansas.

DISCUSSION...Two supercells are ongoing in southwestern Kansas, the strongest of which is located along the Kearny/Finney County line. Given that this activity has remained discrete, the tornado potential will continue for the next 1-2 hours. The strongest increase in the low-level jet will not likely occur until after 10 PM CDT, which will also mean the boundary layer will be increasingly stable at that time. Even so, there will be modest increases in low-level hodograph size this evening. Eastward progression is not likely to be significant initially given the capping on the 00Z DDC sounding, though activity could potentially move into Gray County. If activity can congeal and develop a cold pool, more eastward propagation would be possible. This activity would see a greater threat for damaging winds and isolated large hail. Conditions will be monitored for a possible severe thunderstorm watch to the east later this evening.

..Wendt.. 05/25/2021

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

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