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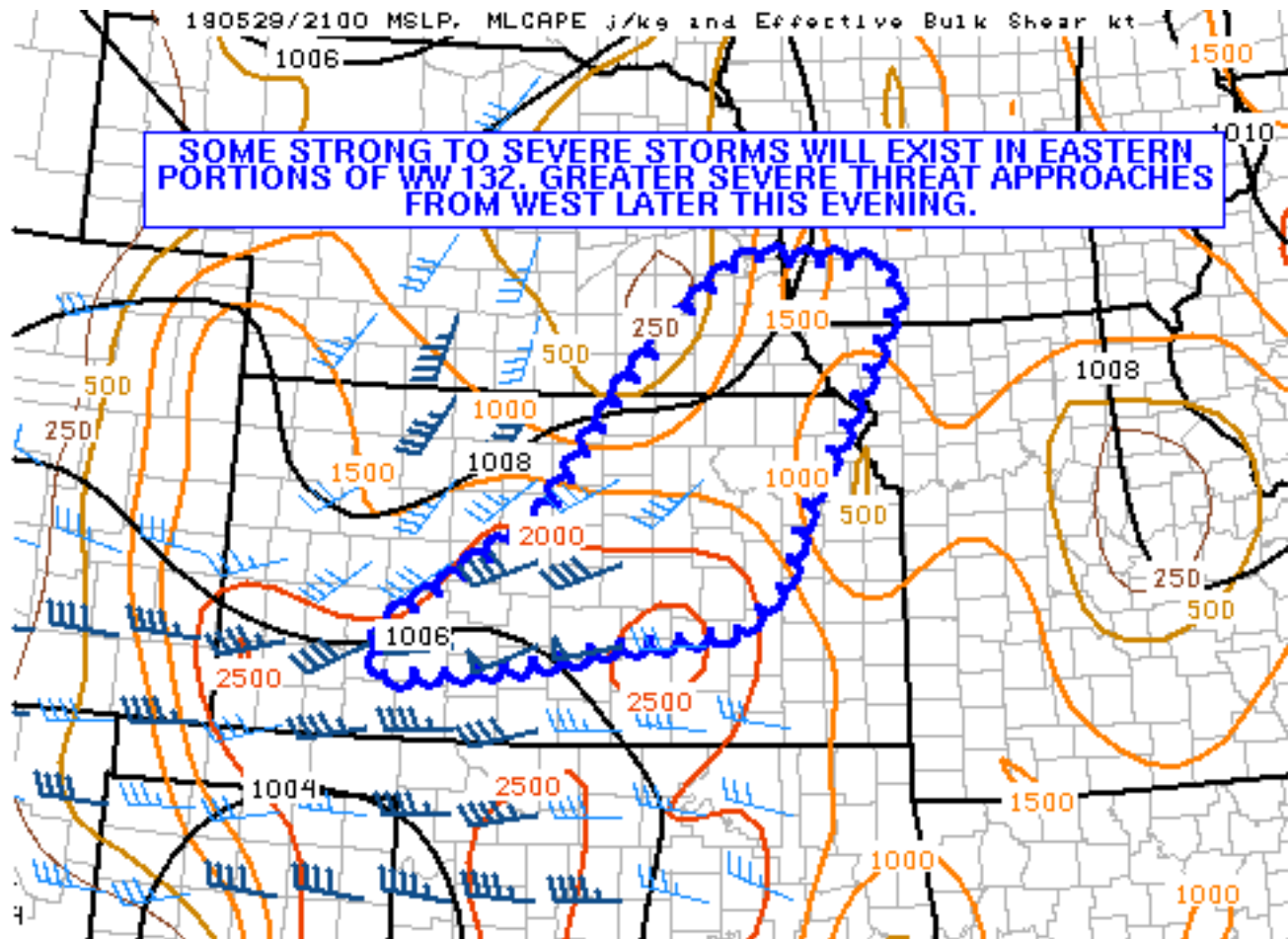
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Mesoscale Discussion 569

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SPC MCD #0569

Mesoscale Discussion 0569

NWS Storm Prediction Center Norman OK

0504 PM CDT Tue May 29 2018

Areas affected...Southwest Iowa...Central and Northeast
Kansas...Northwest Missouri...Southeast Nebraska

Concerning...Severe Thunderstorm Watch [132](#)...

Valid 292204Z - 300000Z

The severe weather threat for Severe Thunderstorm Watch 132
continues.

SUMMARY...Storms near the eastern periphery of [WW 132](#) will pose a
severe wind and hail threat, but will likely decrease in intensity
as they move east. Storms will move into [WW 132](#) from the west later
this evening. In the short term, southwestern counties will have a
tornado threat with ongoing supercells near Dodge City, KS. As the
evening progresses, storms will continue east and bring with them a
greater risk for severe wind gusts and hail.

DISCUSSION...Storms that fired along an outflow boundary in eastern Kansas continue near the eastern boundary of [WW 132](#). A storm east of Wichita has shown a persistent MRMS MESH core of 1 inch. KICT VAD profile shows 0-6 km shear values of 45-50 kts and RAP analysis shows MLCAPE values of 1000-1500 J/kg. Shear and instability generally decrease from west to east within the discussion area so the expectation is that the most eastern storms will decrease in intensity as they progress east. The main threat will be from storms approaching from the west. Currently, supercell storms near DDC are ongoing and have exhibited strong rotation on radar. The western storms are expected to congeal into a line with time. Severe wind gusts and hail will be the primary threats through the evening.

..Wendt.. 05/29/2018

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

ATTN...WFO...DMX...EAX...OAX...TOP...ICT...GID...DDC...

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