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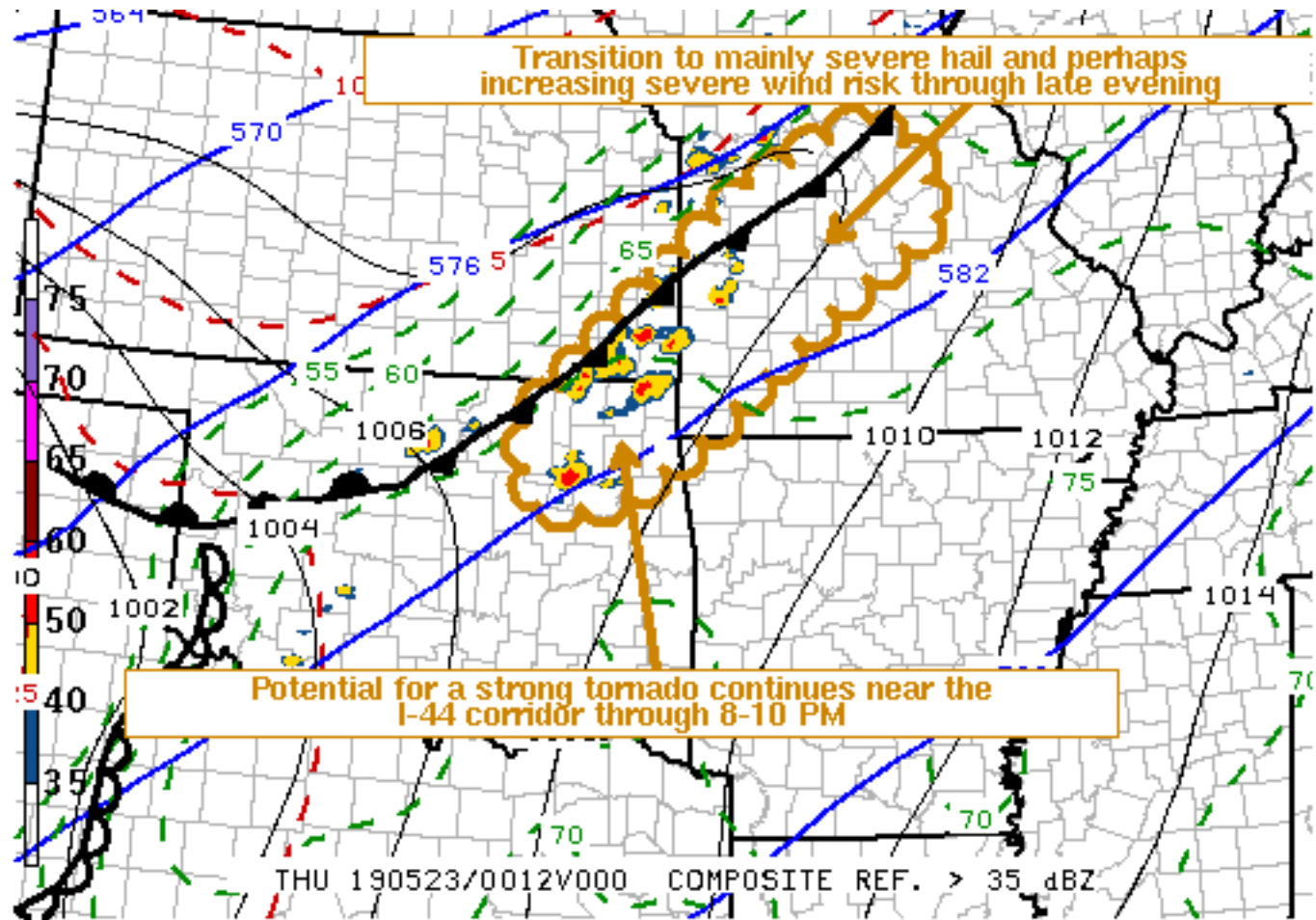
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## Mesoscale Discussion 740

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SPC MCD #0740

Mesoscale Discussion 0740

NWS Storm Prediction Center Norman OK

0732 PM CDT Wed May 22 2019

Areas affected...Northeast Oklahoma...southeast Kansas and parts of southwest into central Missouri

Concerning...Tornado Watch 212...

Valid 230032Z - 230200Z

The severe weather threat for Tornado Watch 212 continues.

SUMMARY...Risk for a strong tornado or two will continue, mainly near the Interstate 44 corridor of northeast Oklahoma through 8-10 PM. A transition to primarily a severe hail/wind risk is expected to gradually occur across the Missouri Ozarks and lower Missouri Valley by late evening.

DISCUSSION...Vigorous thunderstorm development now progressing northeast of the Tulsa area remains generally



discrete/supercellular. In the presence of lingering large boundary layer CAPE, strong deep layer vertical shear and enlarging low-level hodographs, there still appears potential for a strong tornado to form near the Interstate 44 corridor of northeast Oklahoma through 01-03Z.

Otherwise, thunderstorm activity, including a few embedded supercells, has become increasingly numerous along a line northeast and east of Bartlesville OK through areas north/east of Sedalia MO. This is focused along a cold frontal zone, which is forecast to slowly advance eastward across the lower Missouri Valley and Missouri Ozarks vicinity through late evening. A gradual consolidation of storms is expected to take place in response to lift associated with warm advection, with perhaps a tendency for convection to become undercut by the front. As this occurs, the primary severe hazard probably will transition to severe hail with potential for strong convective gusts to increase.

..Kerr.. 05/23/2019

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