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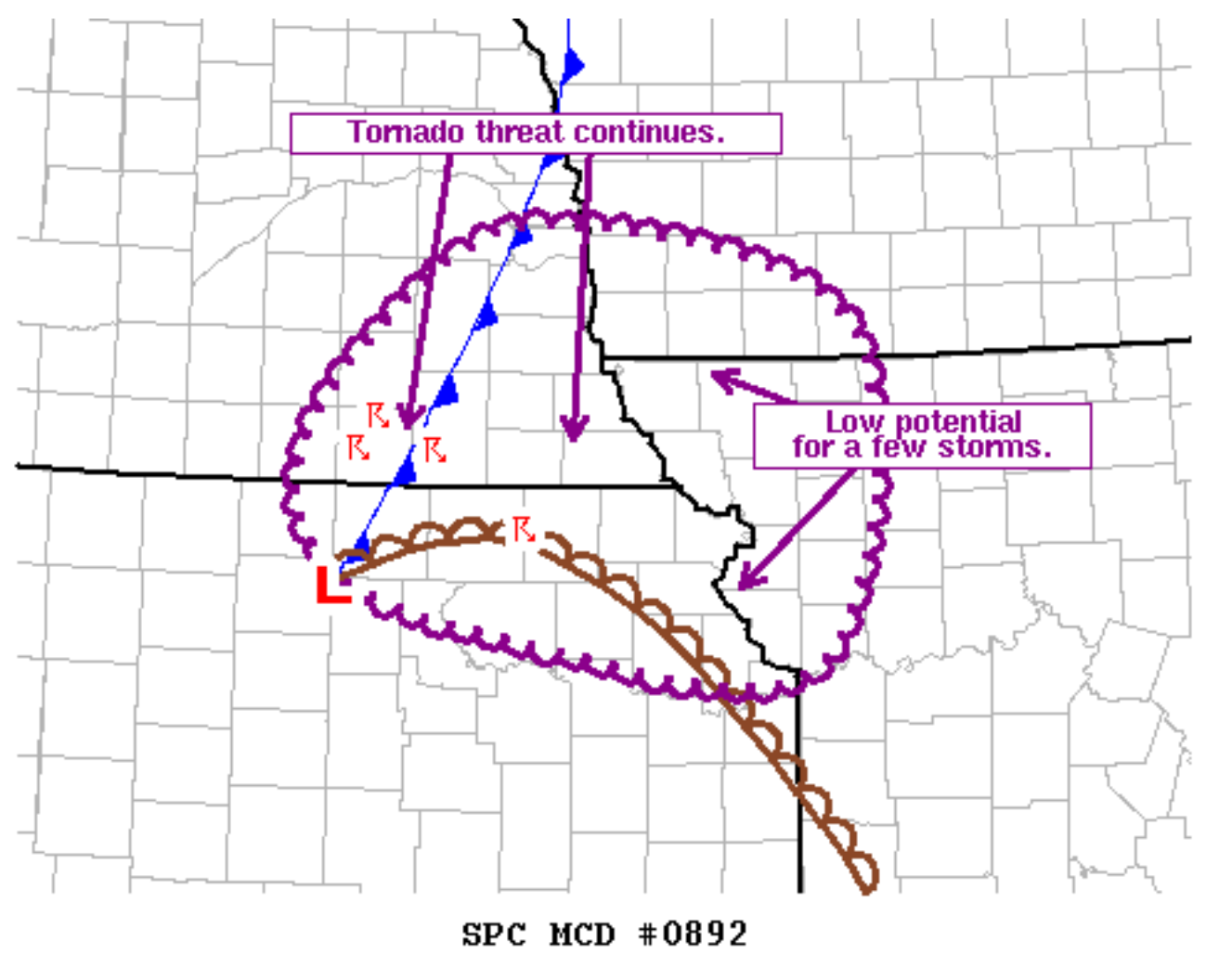
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Mesoscale Discussion 892

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Mesoscale Discussion 0892
NWS Storm Prediction Center Norman OK
0643 PM CDT Tue Jun 09 2020

Areas affected...Southeast NE...Far Northeast KS...Far Southwest
IA...Far Northwest MO

Concerning...Tornado Watch 273...

Valid 092343Z - 100115Z

The severe weather threat for Tornado Watch 273 continues.

SUMMARY...Threat for tornadoes continues across southeast NE and far
northeast KS. convective trends will be monitored for additional
storm development across far southwest IA and far northwest MO.

DISCUSSION...A complex surface pattern persists across eastern NE
southward into central and eastern KS. Recent surface analysis
places a low about 20 miles west-southwest of CNK, with a dryline
arcng eastward and then southeastward from the low to the central
KS/MO border. Additionally, a cold front extends northeastward from
the low through southeast NE into far western IA. Storms have been
developing along these boundaries, but the quick northeastward
progression of the dryline coupled with eastward movement of the
cold front has led to undercutting and limited residence time in the
warm-sector thus far. Several cells along the dryline have tried to
organize, with several left splits noted, but the slower and
slightly more eastward storm motion that results has been undercut
thus far. Even so, strong vertical shear and robust buoyancy amid
strong forcing for ascent will result in continual severe
thunderstorm development and the potential for a tornado or two.

Farther west, an evolving storm cluster is ongoing across Jefferson
and Saline counties. This cluster has surged eastward with the cold
front and a recent storm merger increased the storm intensity.
Robust surface vorticity is in place near this storm, which likely
contributed to recent tornadogenesis. Complex storm and boundary
interactions are currently ongoing, but the threat for tornado
should continue with this cluster for at least the next half hour or
so.

The warm sector is expected to become increasingly narrow over time.
However, some low potential for additional storms exists within
areas downstream of the watch (i.e. far northwest MO and far
southwest IA) and convective trends will be monitored.

..Mosier.. 06/09/2020

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

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