



Local forecast by "City, St" or "ZIP"

City, St

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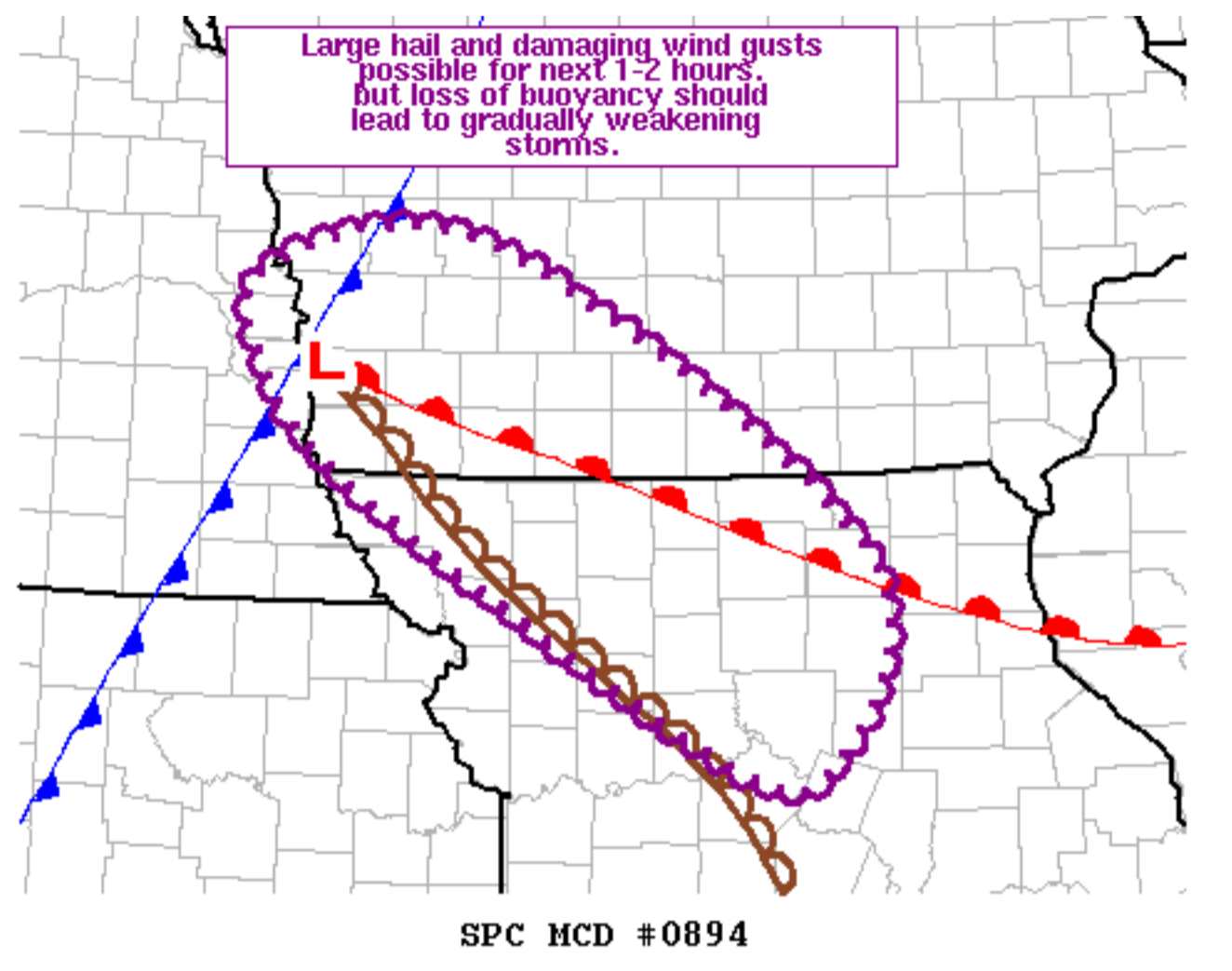
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Mesoscale Discussion 894

[< Previous MD](#) [Next MD >](#)



SPC MCD #0894

Mesoscale Discussion 0894
NWS Storm Prediction Center Norman OK
0921 PM CDT Tue Jun 09 2020

Areas affected...Southwest IA...Northwest/North-Central MO

Concerning...Severe potential...Watch unlikely

Valid 100221Z - 100345Z

Probability of Watch Issuance...20 percent

SUMMARY...Large hail and damaging wind gusts will remain a threat with the ongoing storms for the next hour or two. Thereafter, the loss of buoyancy with northward extent should lead to gradual weakening.

DISCUSSION...Recent surface analysis places a low just south of OMA, along a cold front extending from south-central MN southwestward into central KS. A dryline arcs southeastward from this low into central MO and then back southward through southern MO. A warm front, delineated well by the 80 deg F isotherm, also extends east-southeastward from this low. The warm sector between this slow-moving warm front and the quickly northeastward progressing dryline has been narrowing throughout the evening.

Strong forcing for ascent near the surface low continues to support strong to severe thunderstorms. Large hail and damaging wind gusts will remain a threat with these storms for the next hour or two. Thereafter, the increasingly limited area of strong buoyancy is expected to result in a gradual weakening of the ongoing storms as they continue northeastward into southeast IA. Several attempts at more robust convection have occurred farther southeastward along the dryline, but have yet to maintain strength, likely as a result of warm temperatures aloft.

..Mosier/Hart.. 06/10/2020

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

ATTN...WFO...DMX...EAX...OAX...

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