



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

City, St



NCEP Quarterly Newsletter

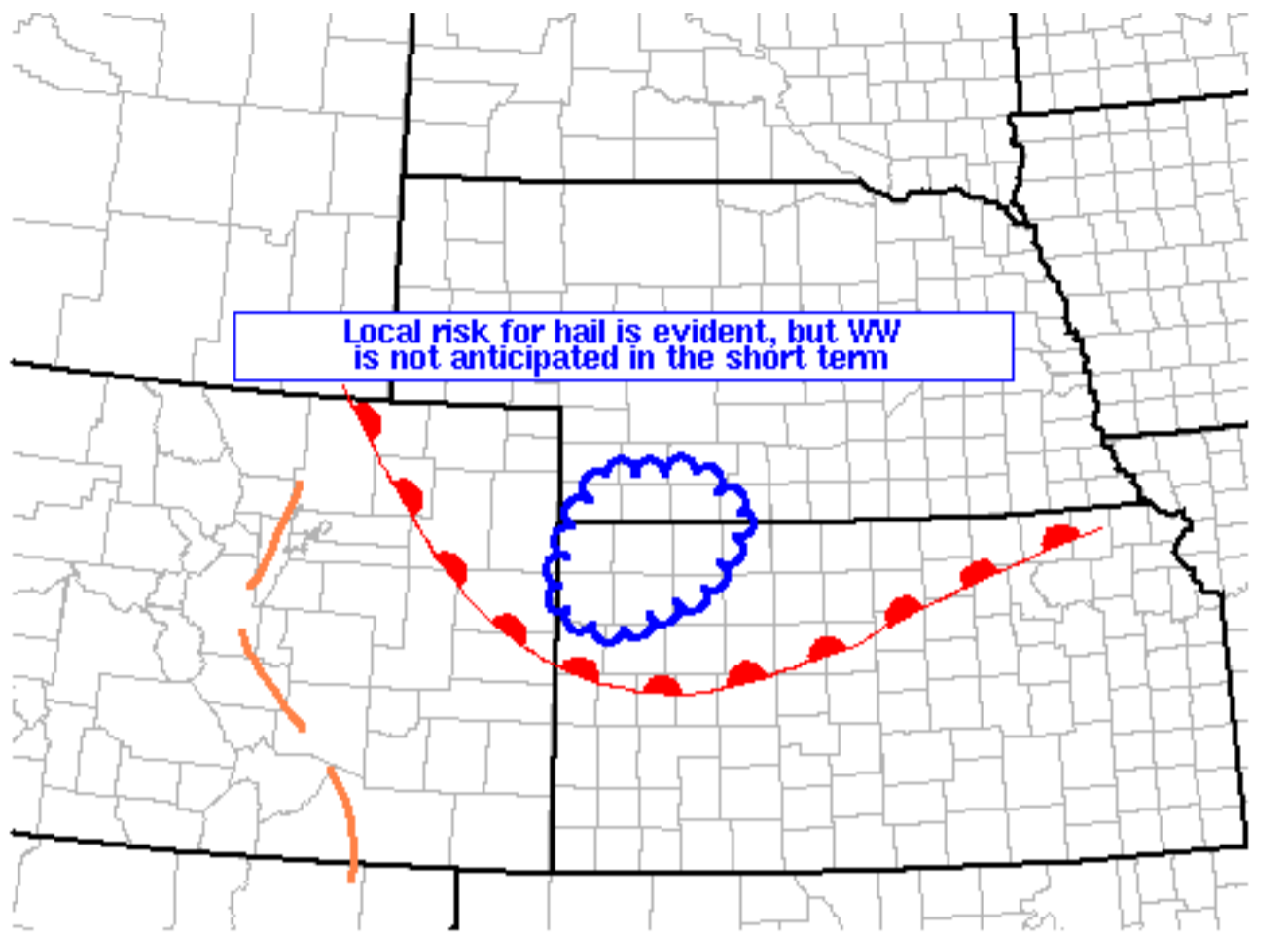
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Mesoscale Discussion 744

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SPC MCD #0744

Mesoscale Discussion 0744
 NWS Storm Prediction Center Norman OK
 1014 AM CDT Wed May 26 2021

Areas affected...portions of northwestern Kansas/southwestern Nebraska

Concerning...Severe potential...Watch unlikely

Valid 261514Z - 261615Z

Probability of Watch Issuance...5 percent

SUMMARY...Local risk for hail is evident, though WW issuance is not anticipated in the short term.

DISCUSSION...Latest radar loop shows a few storms that have developed over the past hour across a portion of northwestern Kansas near KGLD. The storms appear to be slightly elevated, just to the cool side of a warm front analyzed across west-central Kansas/northeastern Colorado. The development appears to be tied to a slight backing/increase in low-level flow -- and associated warm advection, apparently in response to a very weak/subtle mid-level disturbance crossing Colorado at this time.

Steep lapse rates aloft/ample CAPE will support a continuation of robust updrafts locally, though passage of the aforementioned disturbance over the next couple of hours suggests that this convective flare-up may be short-lived. Most CAM runs support the idea of this being a limited/transient uptick in convection, with the primary initiation of more substantial/widespread storms to occur later this afternoon. In the mean time, aided by favorable thermodynamics and ample cloud-layer shear, large hail will be possible locally with one or two stronger/rotating storms.

..Goss/Hart.. 05/26/2021

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

ATTN...WFO...GID...LBF...GLD...

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