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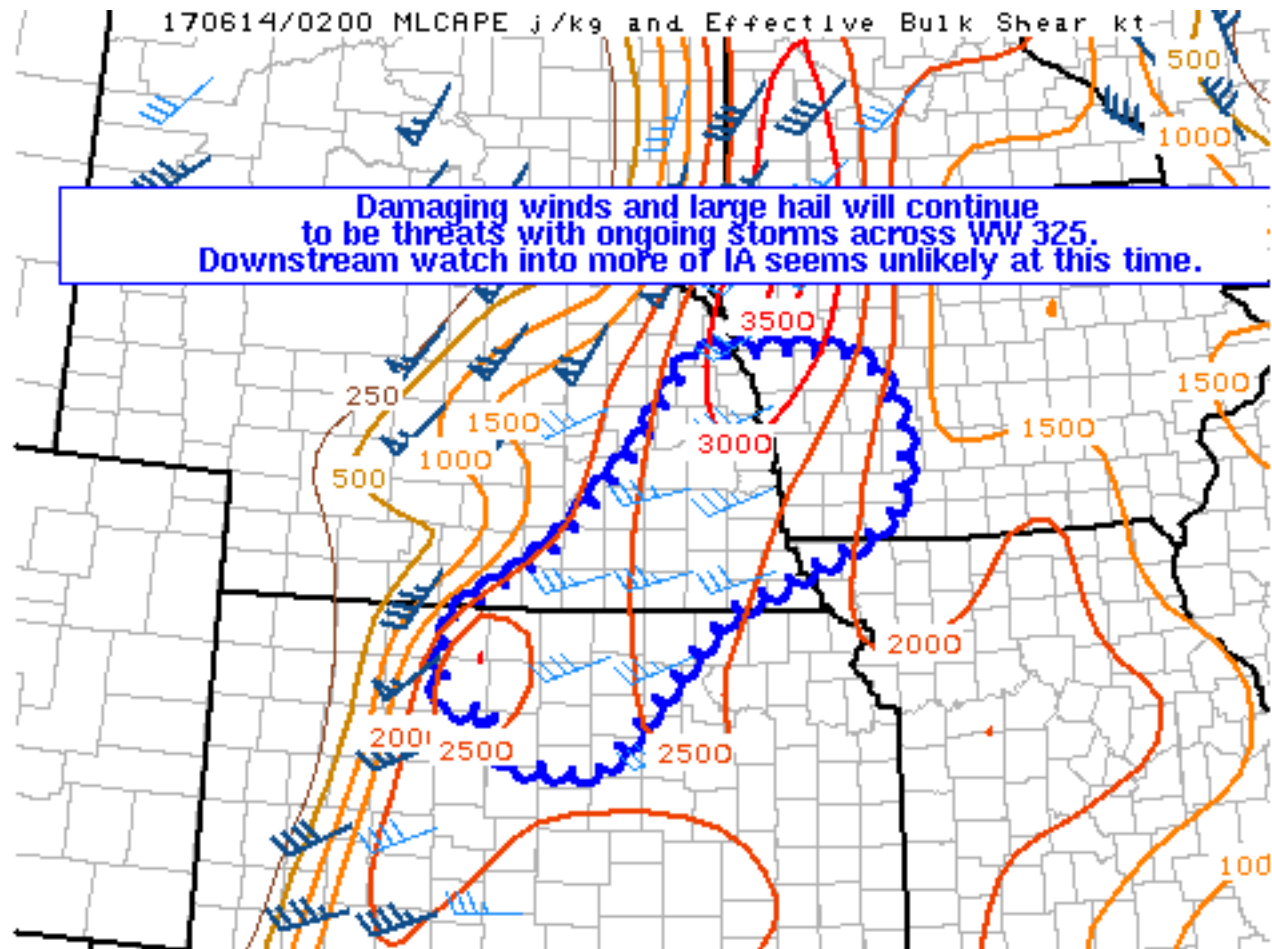
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Mesoscale Discussion 1023

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SPC MCD #1023

Mesoscale Discussion 1023

NWS Storm Prediction Center Norman OK

0936 PM CDT Tue Jun 13 2017

Areas affected...Portions of north-central KS into eastern NE...western/central IA...and far northwestern MO

Concerning...Severe Thunderstorm Watch [325](#)...

Valid 140236Z - 140330Z

The severe weather threat for Severe Thunderstorm Watch 325 continues.

SUMMARY...Damaging winds and large hail will continue to be the main threats with ongoing storms across [WW 325](#). A downstream watch into more of IA appears unlikely at this time.

DISCUSSION...A bowing line of convection has produced numerous measured 60-75 mph wind gusts as it has moved across eastern NE over the past several hours. Recent radar imagery from KOAX depicts

outflow surging ahead of this line of storms as it approaches and crosses the NE/IA state line. Instability remains favorable for maintenance of this line for the next hour or so, as MLCAPE of 2500-3000 J/kg resides immediately downstream. However, increasing convective inhibition noted on 02Z mesoanalysis into western/central IA should act to weaken ongoing convection as it moves eastward. While isolated damaging winds may occur for a brief period to the east of the [WW 325](#), downstream watch issuance into more of western/central IA is unlikely at this time. Farther to the southwest across south-central NE and north-central IA, a cluster of supercells persists in producing large hail of 1-1.5 inches in diameter. This activity may continue for several more hours given a favorable thermodynamic and kinematic environment.

..Gleason.. 06/14/2017

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

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