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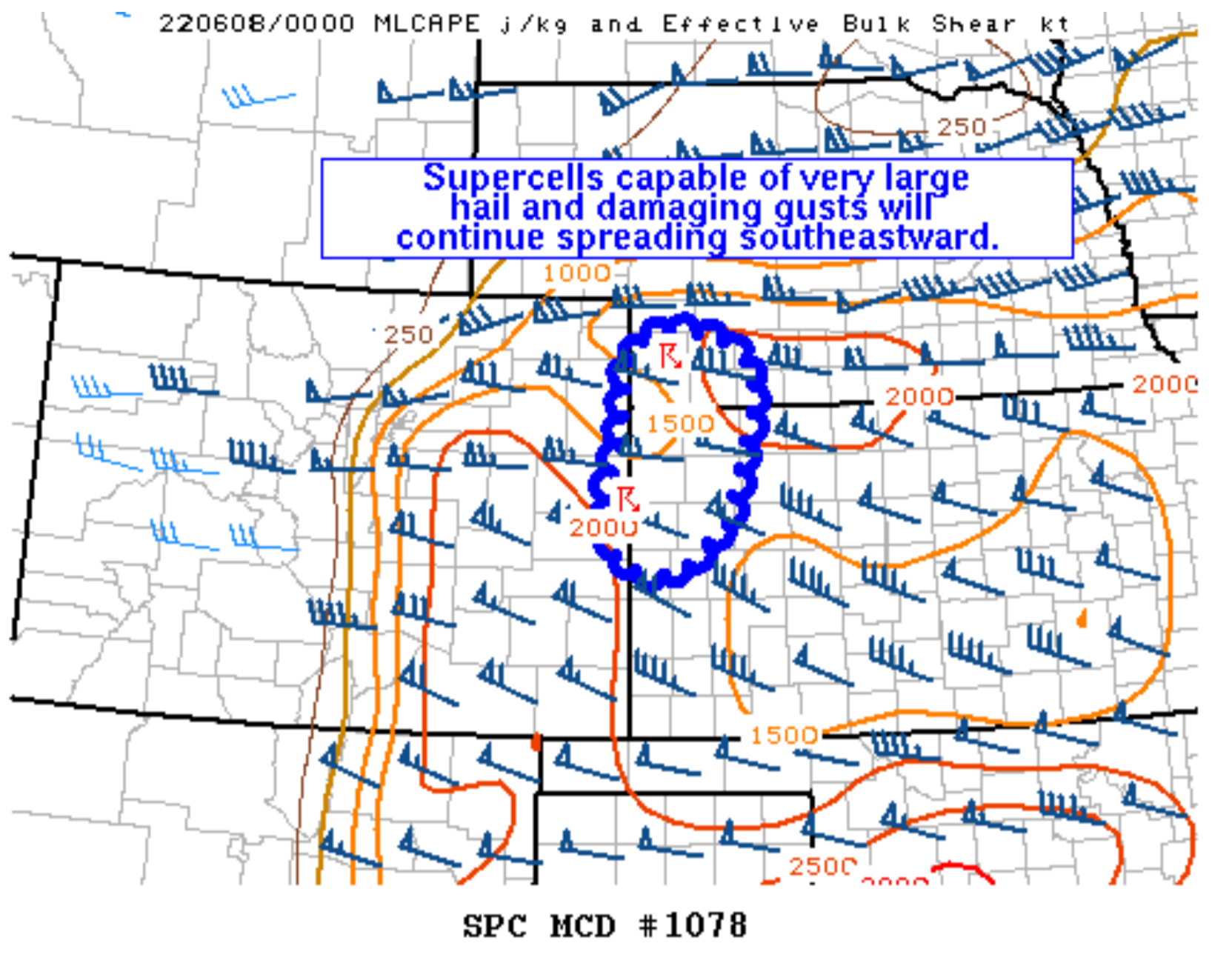
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Mesoscale Discussion 1078

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Mesoscale Discussion 1078
 NWS Storm Prediction Center Norman OK
 0729 PM CDT Tue Jun 07 2022

Areas affected...Southwest NE...far eastern CO...and northwest KS

Concerning...Severe Thunderstorm Watch 322...323...

Valid 080029Z - 080200Z

The severe weather threat for Severe Thunderstorm Watch 322, 323 continues.

SUMMARY...Supercells capable of very large hail and damaging gusts will continue spreading southeastward across Severe Thunderstorm Watches 322 and 323 this evening.

DISCUSSION...Two well-established supercell clusters -- one over southwest NE and the other over far eastern CO -- will continue tracking southeastward this evening. Both of these storms have produced significant severe wind gusts and very large hail. Within the pre-convective environment, backed surface winds and lower 60s dewpoints beneath strong midlevel westerly flow and steep midlevel lapse rates should continue to support these supercells. Damaging winds and very large hail should continue to be the main concerns, though the tornado risk is non-zero given modest clockwise low-level hodograph curvature (150-200 m2/s2 0-1 km SRH) per GLD VWP data.

..Weinman.. 06/08/2022

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

ATTN...WFO...LBF...GLD...PUB...BOU...

LAT...LON 39160230 39730214 40490207 40730170 40690133 40670104
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