



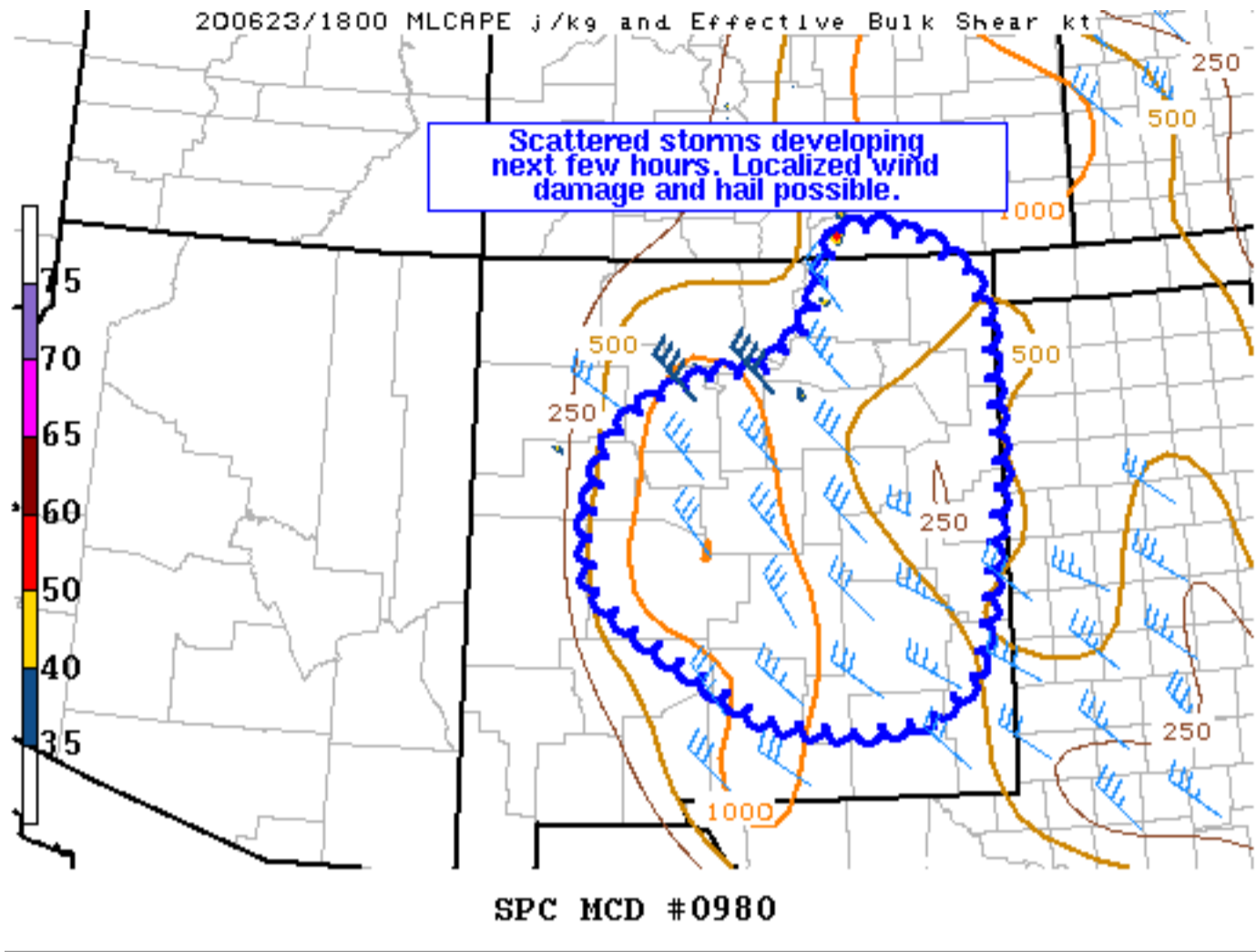
Local forecast by "City, St" or "ZIP"

City, St

Mesoscale Discussion 980

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2D0623/1800 MLCAPE j/kg and Effective Bulk Shear kt



Mesoscale Discussion 0980
NWS Storm Prediction Center Norman OK
0156 PM CDT Tue Jun 23 2020

Areas affected...much of central and eastern New Mexico

Concerning...Severe potential...Watch possible

Valid 231856Z - 232130Z

Probability of Watch Issuance...60 percent

SUMMARY...Storms will increase in coverage this afternoon, with areas of damaging wind gusts and hail.

DISCUSSION...Surface observations show dewpoints holding in the upper 40s to lower 50s F over central NM, with persistent southeasterly surface winds. Meanwhile, lapse rates continue to steepen with heating.

Visible imagery shows storms beginning to form over the west-central mountains and northeastward across the mountains of northern NM. Since the air mass is already unstable with over 1000 J/kg MLCAPE over most of the area, scattered to numerous storms are expected by late afternoon, traveling in a southeastward direction. Deep-layer shear may be sufficient to sustain a few cells capable of marginally severe hail, and outflow production may increase with time as mergers occur, resulting in localized wind damage. As such, a watch may need to be considered.

..Jewell/Dial.. 06/23/2020

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

ATTN...WFO...MAF...PUB...ABQ...EPZ...

LAT...LON	32620480	32740577	33570719	33890761	34420770	35240751
	35650706	35890639	35950569	36400513	37230481	37300471
	37170389	36820331	36350313	34860309	33710331	33060346
	32700399	32620480				

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