

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

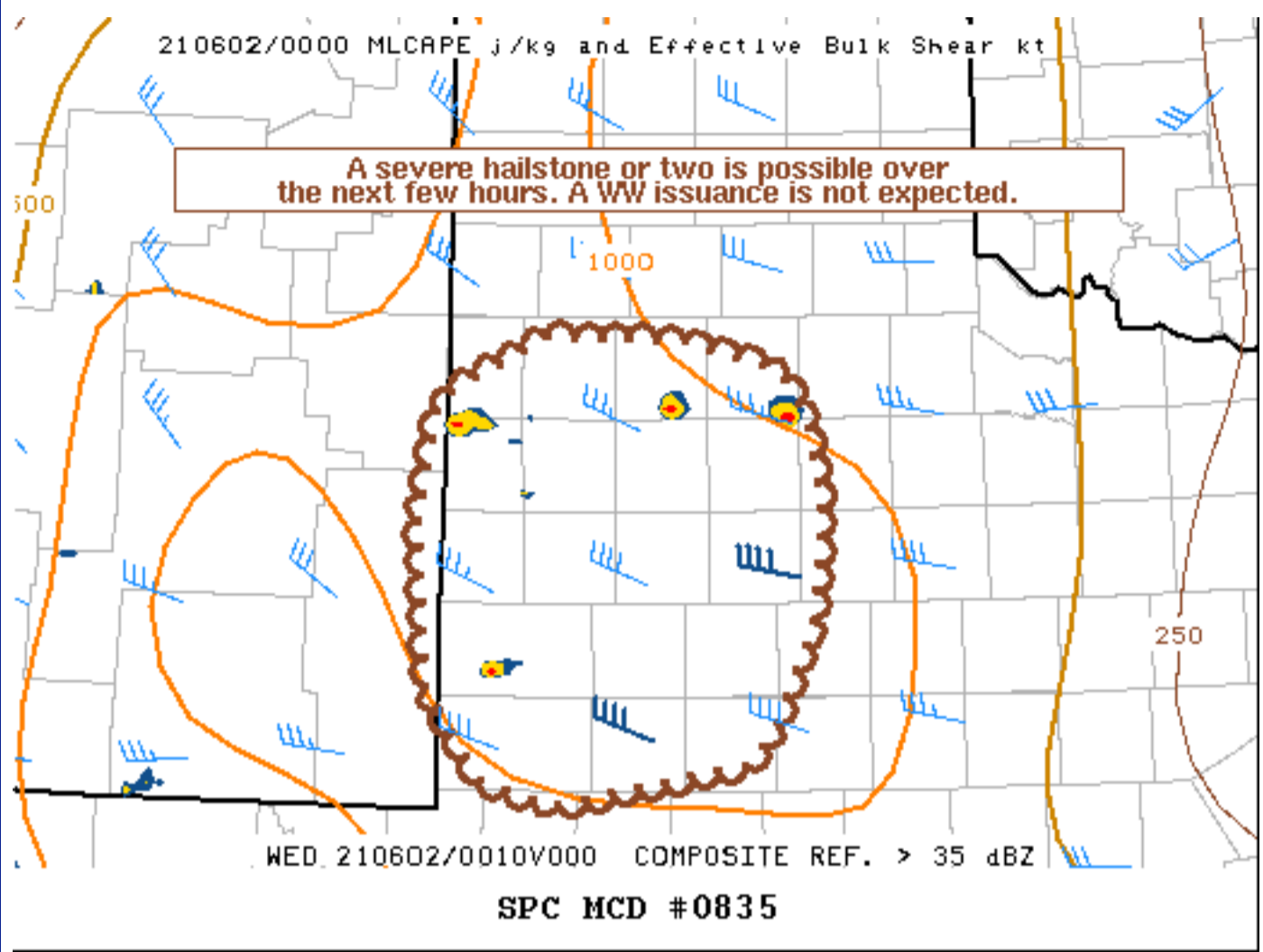
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Mesoscale Discussion 835

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Mesoscale Discussion 0835
 NWS Storm Prediction Center Norman OK
 0724 PM CDT Tue Jun 01 2021

Areas affected...portions of western Texas

Concerning...Severe potential...Watch unlikely

Valid 020024Z - 020200Z

Probability of Watch Issuance...20 percent

SUMMARY...Isolated, marginally severe hail may briefly accompany one of the stronger storms. A WW issuance is not expected.

DISCUSSION...Storms have organized into small, transient supercells over the past couple of hours, with MRMS mosaic MESH data suggesting that a couple of the storms may have briefly produced marginally severe hail. These storms are propagating southward into an environment with slightly higher mid-level lapse rates (exceeding 7.5 C/km per latest RAP forecast soundings), where up to 1000 J/kg MLCAPE is present based on 00Z mesoanalysis. Diurnally driven buoyancy overlapping 40 kts of effective bulk shear will continue to support storm organization and the chance for a marginally severe hailstone or damaging gust over the next few hours, as also suggested by Warn-On-Forecast ensemble output. However, storms are expected to gradually weaken after sunset when the boundary-layer decouples. The isolated, brief nature of the severe threat precludes a WW issuance.

..Squitieri/Guyer.. 06/02/2021

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

ATTN...WFO...LUB...MAF...ABQ...

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