



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

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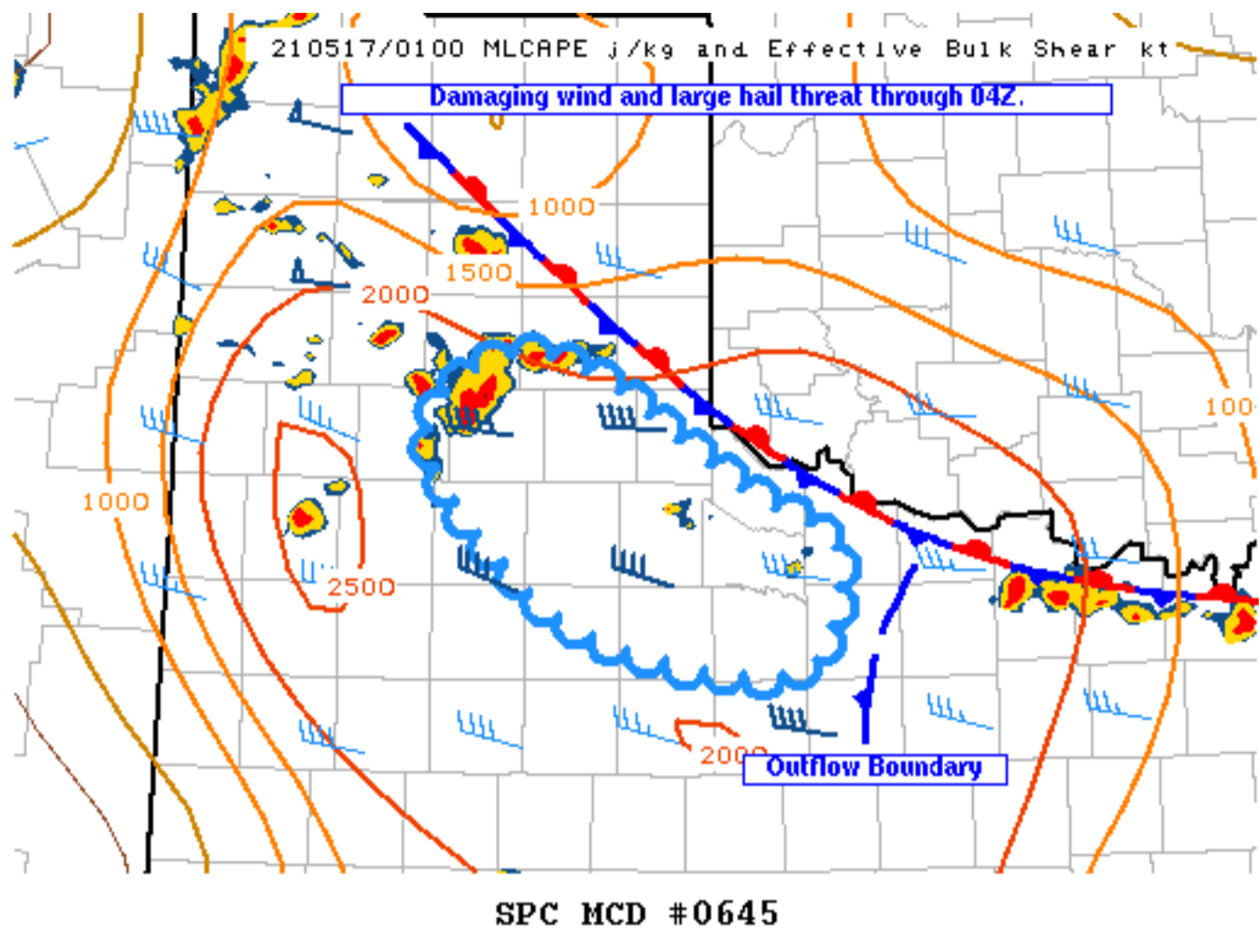
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Mesoscale Discussion 645

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SPC MCD #0645

Mesoscale Discussion 0645
 NWS Storm Prediction Center Norman OK
 0854 PM CDT Sun May 16 2021

Areas affected...Southern Texas Panhandle through northwest Texas

Concerning...Severe Thunderstorm Watch 177...179...

Valid 170154Z - 170330Z

The severe weather threat for Severe Thunderstorm Watch 177, 179 continues.

SUMMARY...Storms will continue to pose a risk for damaging wind and large hail especially across the southeast part of the TX Panhandle into northwest TX through 04Z. Trends will be monitored for a possible WW downstream across northwest TX.

DISCUSSION...As of mid evening storms over the southeast TX Panhandle have become better organized and evolved into a bowing linear structure as it accelerates southeast. The downstream atmosphere remains moderately unstable and a strengthening southerly low-level jet should support a forward propagating line next couple hours. However, visible imagery just prior to sunset showed a westward surging outflow boundary across northwest TX. This along with onset of nocturnal cooling increases uncertainty regarding how storms will evolve as they move into northwest TX. It is possible storms may intensify further as they interact with the convective outflow boundary, but weaken soon after. Given the mesoscale uncertainties, any additional WW issuance downstream of WW 177 / 179 will depend on convective trends during the next hour or two.

..Dial.. 05/17/2021

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

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