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NCEP Quarterly
Newsletter

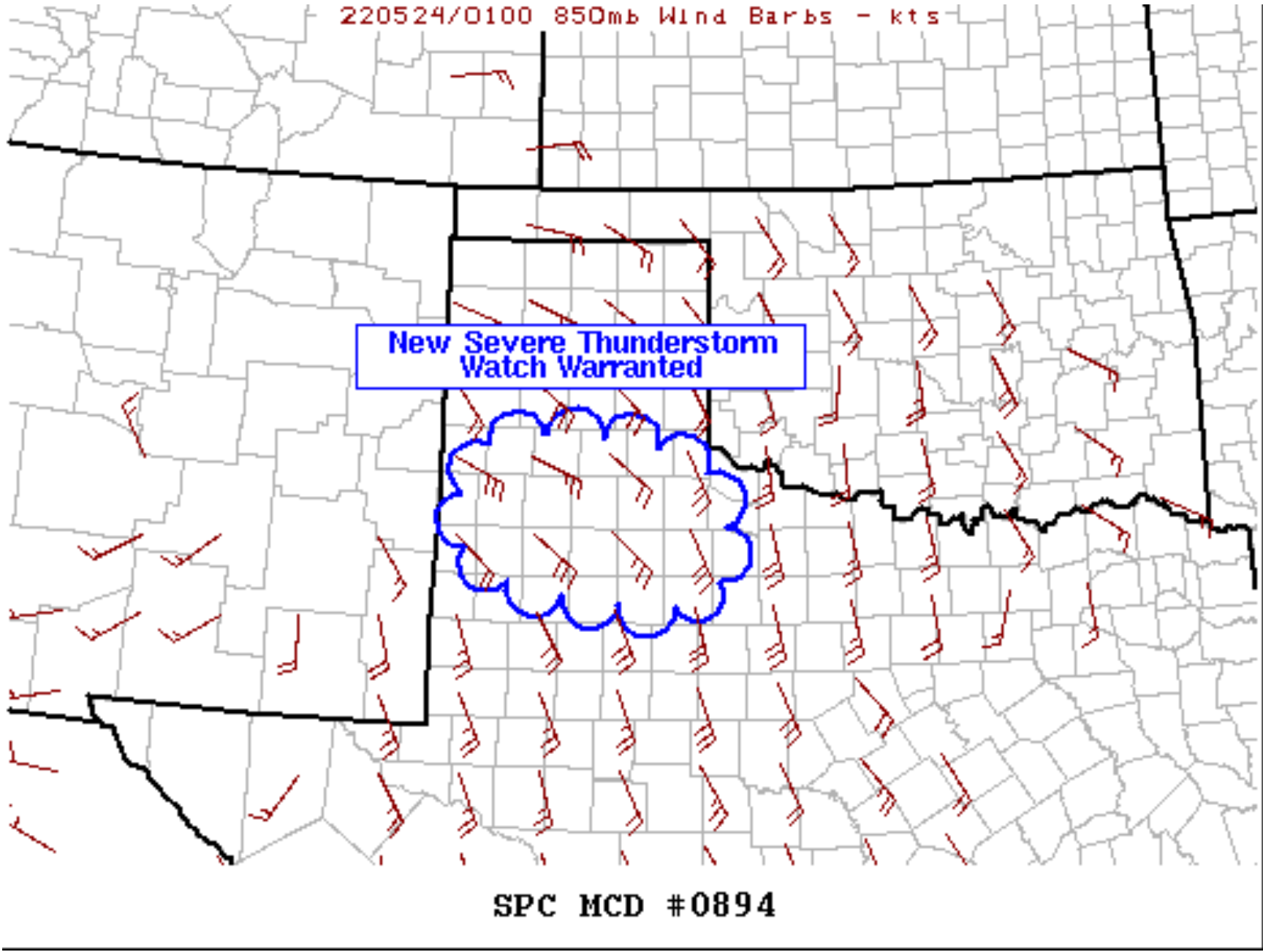
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Mesoscale Discussion 894

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220524/0100 850mb Wind Barbs - kts



Mesoscale Discussion 0894
NWS Storm Prediction Center Norman OK
0953 PM CDT Mon May 23 2022

Areas affected...TX South Plains

Concerning...Severe Thunderstorm Watch 265...

Valid 240253Z - 240400Z

The severe weather threat for Severe Thunderstorm Watch 265 continues.

SUMMARY...Severe threat will likely spread east of ww265 in the next few hours. New severe thunderstorm watch appears warranted.

DISCUSSION...Convection has gradually increased across the TX Panhandle ahead of a weak short-wave trough ejecting ahead of the primary western trough. LLJ has increased ahead of this feature with 30kt 850mb southeasterly inflow across the TX South Plains into the southern-most supercell over Hockley County. This storm is propagating east at 15-20kt but may increase in forward speed as more concentrated convection is evolving just northwest of this activity. While ongoing storms are within the instability axis, ample buoyancy extends downstream into northwest TX such that some severe threat should continue east of the High Plains into the early morning hours. Hail is the primary risk, though locally damaging winds are also possible.

..Darrow.. 05/24/2022

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

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