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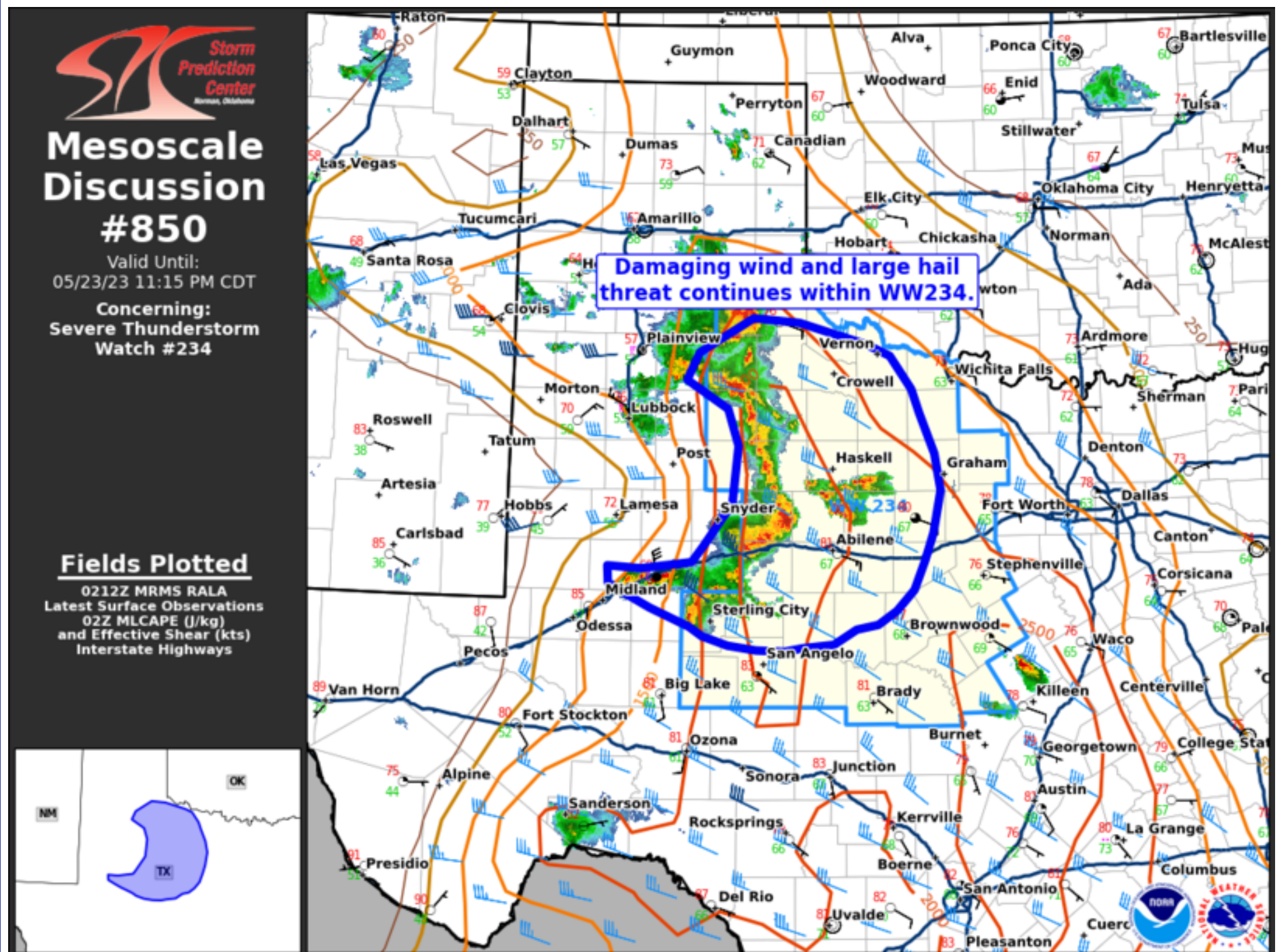
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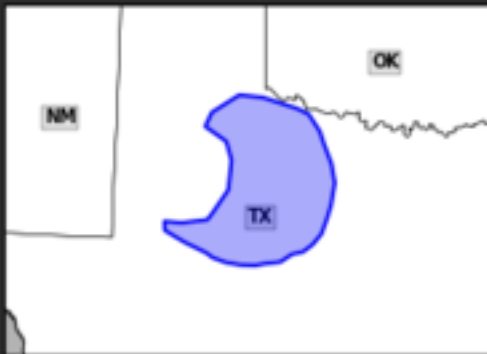
Mesoscale Discussion 850

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Mesoscale Discussion #850
 Valid Until: 05/23/23 11:15 PM CDT
 Concerning: Severe Thunderstorm Watch #234

Fields Plotted
 0212Z MRMS RALA
 Latest Surface Observations
 02Z MLCAP (J/kg)
 and Effective Shear (kts)
 Interstate Highways



Mesoscale Discussion 0850
 NWS Storm Prediction Center Norman OK
 0915 PM CDT Tue May 23 2023

Areas affected...northwest Texas
 Concerning...Severe Thunderstorm Watch 234...

Valid 240215Z - 240415Z
 The severe weather threat for Severe Thunderstorm Watch 234 continues.

SUMMARY...Damaging-wind and large-hail threat continues within WW234. Damaging wind threat increasing.

DISCUSSION...Recent radar imagery depicts a bowing line of storms moving east-southeastward across portions of northwest Texas. Ahead of this line, a cluster of semi-discrete cells have been ongoing, with reports of hail up to 2 inches. A similar storm mode is ongoing across the southern fringe of the line, with reports of hail as large as 1.5-2 inches in the last hour. Expect the line to overtake remaining semi-discrete cells within the next hour.

Further radar analysis indicates a rear-inflow jet (around 60-70 kts at 4-5 kft as noted by KDYX) is becoming established north and west of Abilene. Potential for damaging winds is increasing as continued upscale growth and propagation along the cold pool continues. Gusts up to 70 mph will be likely (with isolated gusts up to 75 mph).

..Thornton/Edwards.. 05/24/2023
 ...Please see www.spc.noaa.gov for graphic product...
 ATTN...WFO...FWD...OUN...SJT...LUB...MAF...

LAT...LON 31770118 31940159 32020177 32100191 32140202 32290202
 32270168 32330117 32470105 32840076 33350070 33670080
 33910124 34150110 34460054 34420007 34239936 34139912
 33839890 33639883 33279868 32959862 32599869 32359879
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 31570021 31580051 31610080 31690105 31770118

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