


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

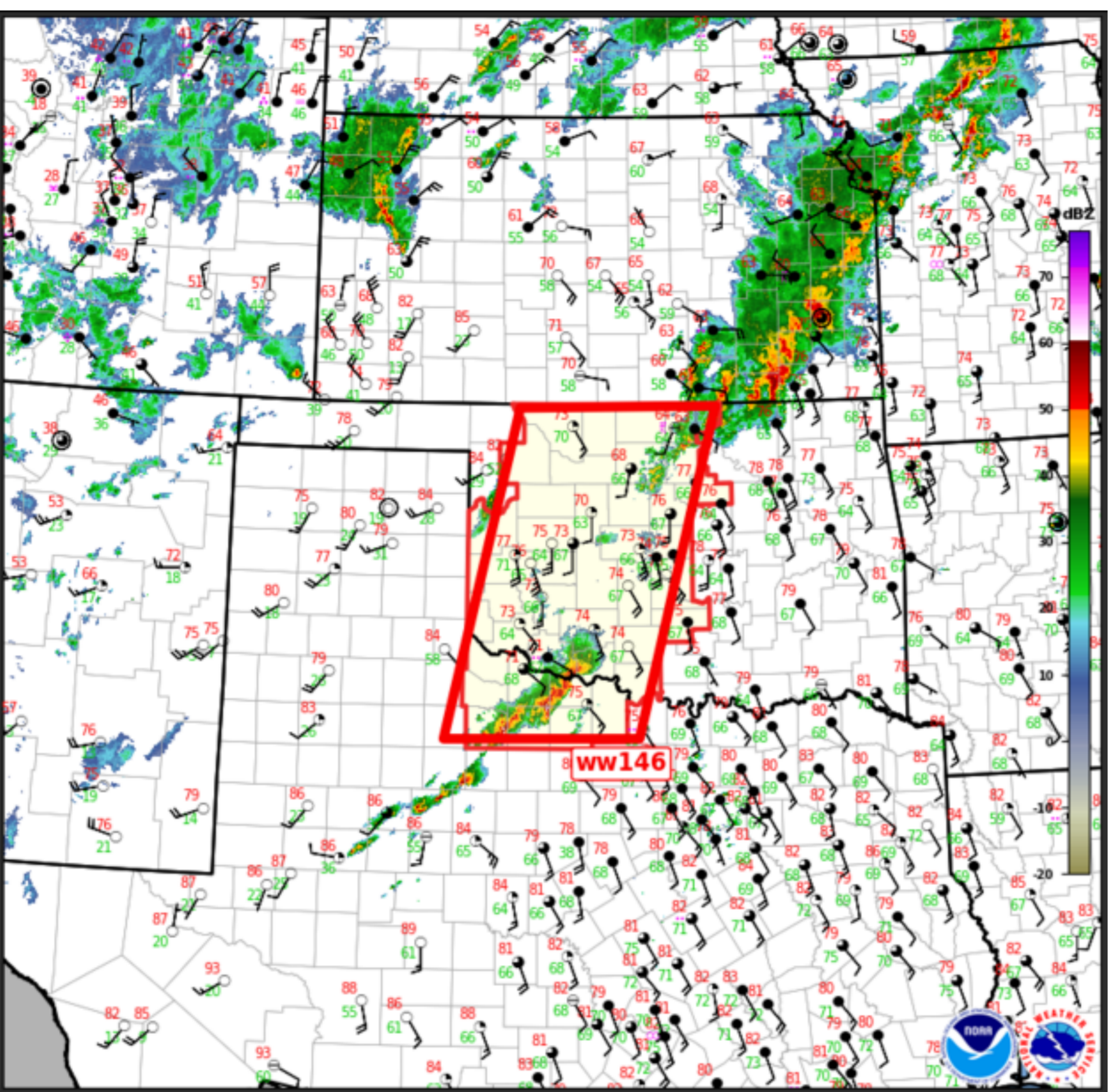
Mesoscale Discussion 548
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Mesoscale Discussion #548
 Valid Until: 04/27/24 7:15 PM CDT
 Concerning: Tornado Watch #146

Fields Plotted
 2328Z MRMS RALA
 Latest Surface Observations

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Mesoscale Discussion 0548
 NWS Storm Prediction Center Norman OK
 0630 PM CDT Sat Apr 27 2024

Areas affected...Southern Plains

Concerning...Tornado Watch 146...

Valid 272330Z - 280015Z

CORRECTED FOR TORNADO WATCH

The severe weather threat for Tornado Watch 146 continues.

SUMMARY...Severe threat continues across western/central Oklahoma into northwest Texas.

DISCUSSION...Latest satellite imagery suggests large-scale ascent is gradually spreading east across the southern High Plains, per thickening mid-high cloudiness noted into the TX Panhandle. Later this evening the mid-level speed max will round the base of the trough and translate into southwest OK. LLJ will strengthen ahead of this feature along the I35 corridor along with low-level shear.

Southwest-northeast oriented corridor of convection, currently observed from northwest TX into southwest OK, may not move appreciably east over the next few hours until large-scale forcing shunts this region downstream later tonight. Upscale growth may occur as the aforementioned jet approaches in conjunction with the LLJ. Environmental parameters continue to favor supercells, and tornadoes, but some of this activity may exhibit linear characteristics along with clustering.

Overall, severe threat is expected to linger well into the overnight hours with a gradual shift east later this evening.

..Darrow.. 04/27/2024

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

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