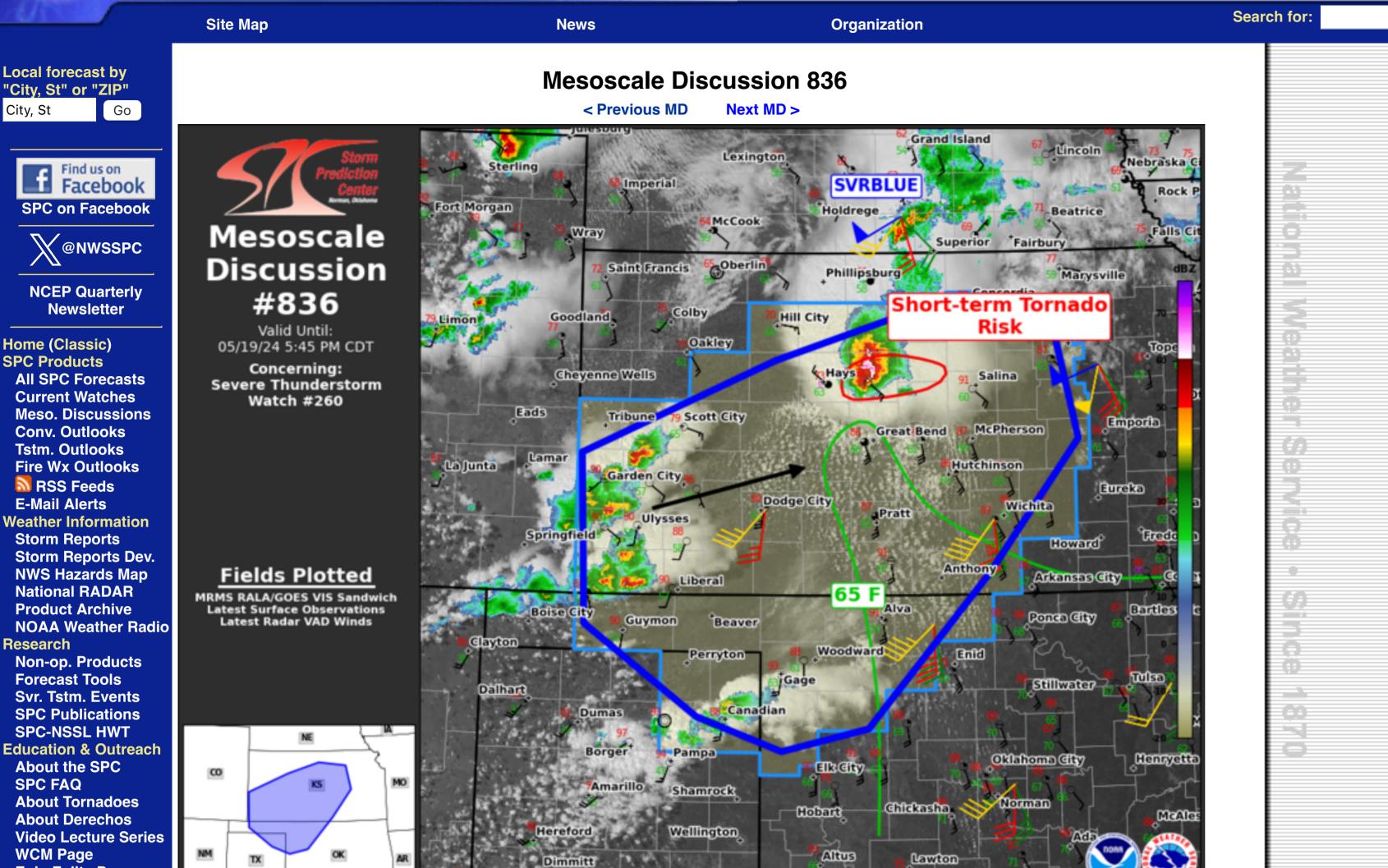
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Storm Prediction Center



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Mesoscale Discussion 0836 NWS Storm Prediction Center Norman OK 0351 PM CDT Sun May 19 2024

Areas affected...Southwest into Central Kansas...northeast Texas Panhandle...northwest Oklahoma

Concerning...Severe Thunderstorm Watch 260...

a Clovis

Valid 192051Z - 192245Z

The severe weather threat for Severe Thunderstorm Watch 260 continues.

SUMMARY...The threat for very-large hail, significant wind gusts, and tornadoes will continue into the evening.

DISCUSSION...The greatest tornado risk within WW 260 exists near Russell, KS. There was a recent report of a tornado west of Russell at 2027Z. The environment downstream of this storm should remain favorable for very-large hail (severe 2+ in. reports are associated with this storm over the past 90 minutes), severe wind gusts (71 kts measured at KRSL), and tornadoes. The surface observation at Salina shows 91/60, which would suggest some reduction in low-level RH. The eastern extent of the tornado threat with this storm is the main uncertainty.

Farther west, a cluster of high-based thunderstorms continues into western Kansas. This activity has the potential to become more intense/organized as it encounters low/mid 60s F dewpoints farther east. Most guidance has been insistent on this activity becoming a bowing segment with the potential for significant (75+ mph) wind gusts.

Storms moving out of the Texas Panhandle into northwest Oklahoma have so far struggled to maintain intensity, most likely due to limited moisture. As with storms to the north, intensification/organization is possible as greater low-level moisture is ingested. With these storms remaining more discrete, a tornado threat is still possible, particularly as the low-level jet increases this evening.

..Wendt.. 05/19/2024

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

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