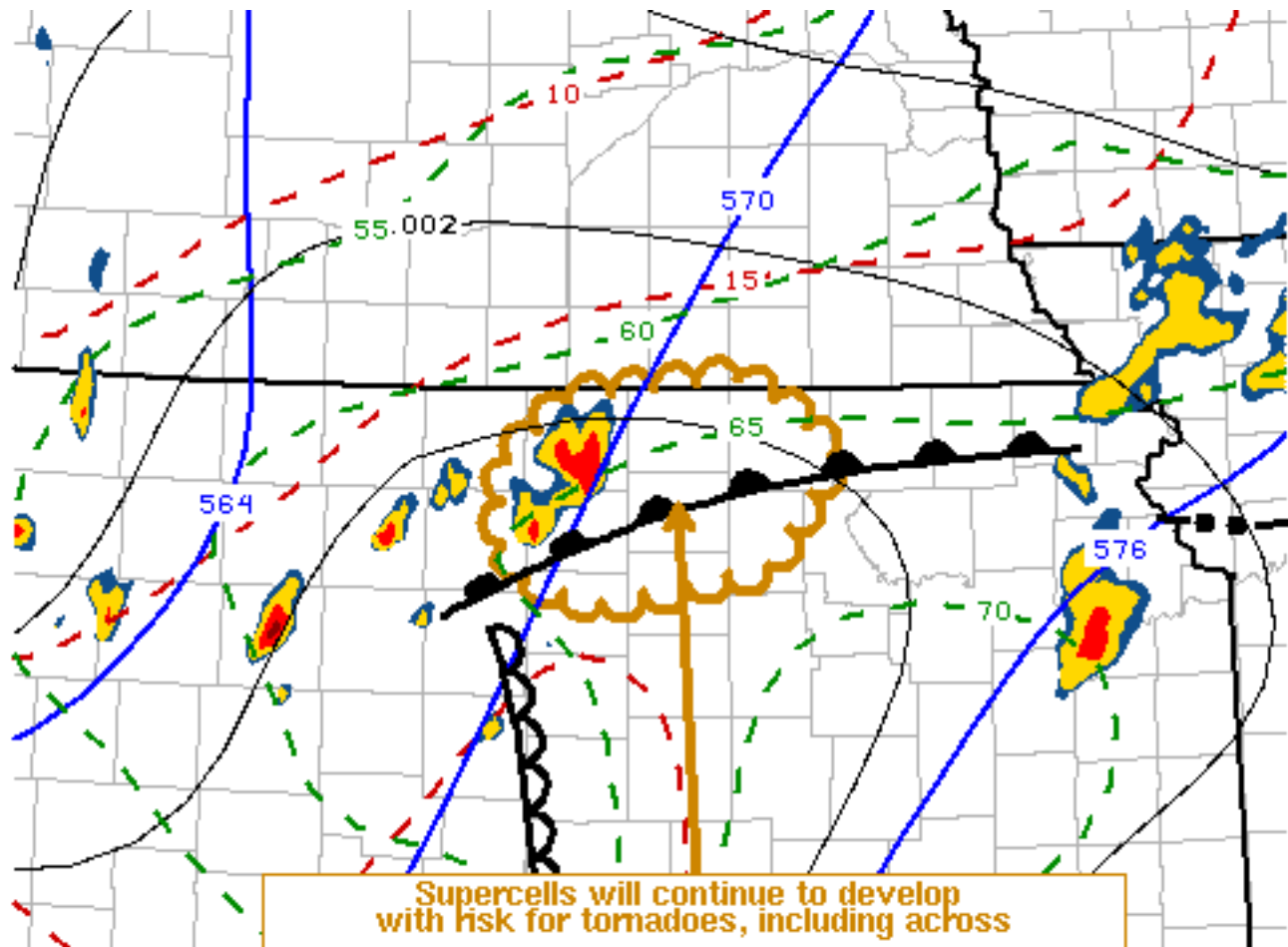


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Mesoscale Discussion 866

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Supercells will continue to develop
with risk for tornadoes, including across

SPC MCD #0866

Mesoscale Discussion 0866

NWS Storm Prediction Center Norman OK

0626 PM CDT Tue May 28 2019

Areas affected...North central Kansas

Concerning...Tornado Watch [281](#)...

Valid 282326Z - 290100Z

The severe weather threat for Tornado Watch 281 continues.

SUMMARY...Risk for supercells capable of producing tornadoes is expected to increase across the Concordia KS area through 7-8 PM CDT.

DISCUSSION...Low-level convergence appears focused near/northeast of the triple point low now near the Interstate 70 corridor northwest of Salina, KS, with sustained 2 mb 2-hour surface pressure falls evident in recent surface observations centered near Concordia. Aided by inflow of seasonably moist air characterized by CAPE on the



order of 3000-4000 J/kg, rapid new intense convective development appears possible through 00-01Z. In the presence of strong deep layer shear, this likely will include additional supercells. Ongoing cells to the west/northwest of Concordia have produced tornadoes, aided by enhanced low-level shear along the warm frontal zone. Additional tornadoes appear possible across the Concordia area, but there should be a tendency for this threat to diminish as cells progress north of the Kansas/Nebraska border, where models suggest cold/stable boundary layer air will remain entrenched.

..Kerr.. 05/28/2019

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

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