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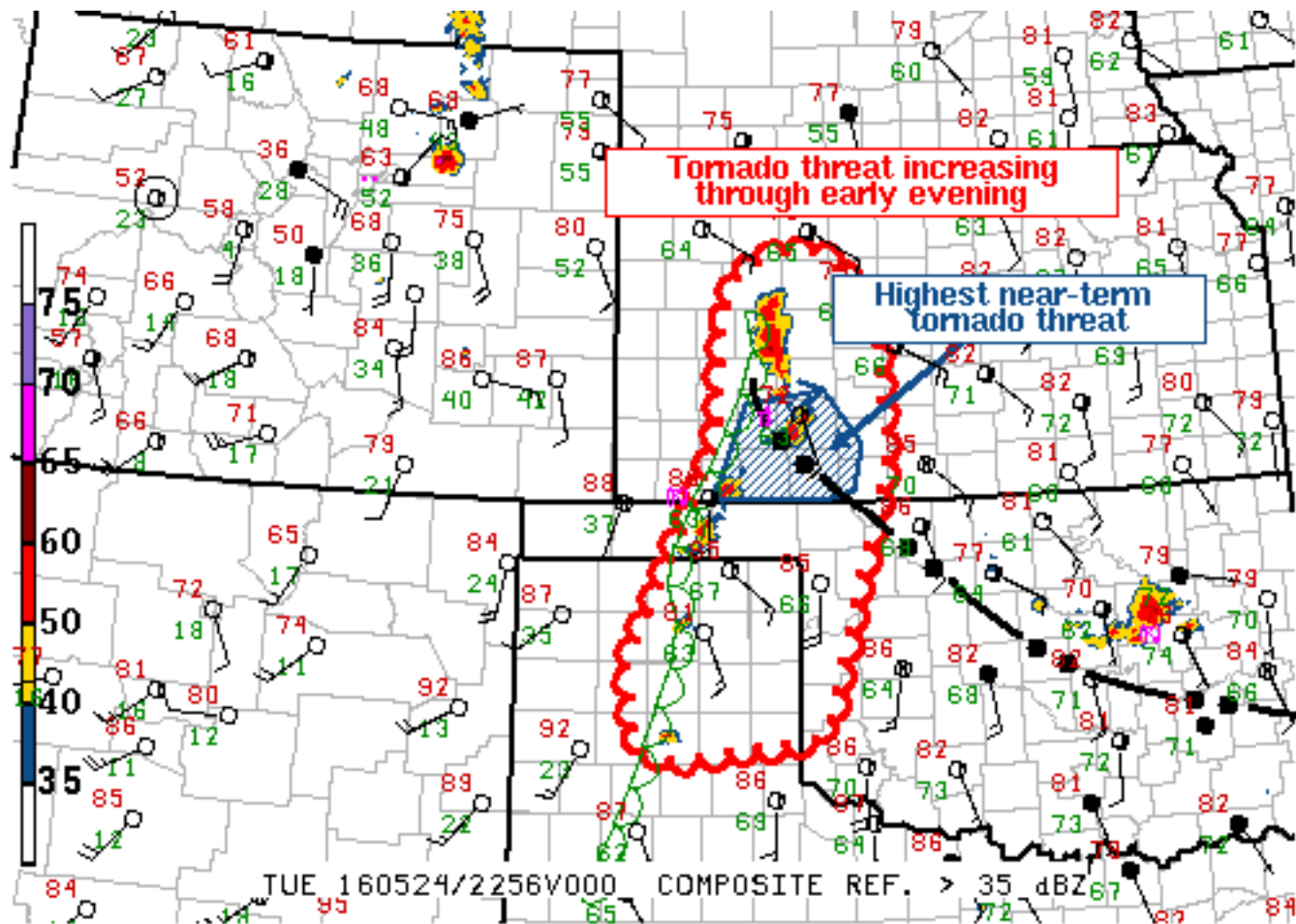
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SPC MCD #0711

MESOSCALE DISCUSSION 0711

NWS STORM PREDICTION CENTER NORMAN OK

0614 PM CDT TUE MAY 24 2016

AREAS AFFECTED...ERN TX/OK PANHANDLES...SWRN KS

CONCERNING...TORNADO WATCH 203...

VALID 242314Z - 250045Z

THE SEVERE WEATHER THREAT FOR TORNADO WATCH 203 CONTINUES.

SUMMARY...THE TORNADO THREAT WILL INCREASE OVER THE NEXT FEW HRS FROM SWRN KS INTO THE ERN TX PANHANDLE. LARGE HAIL IS ALSO LIKELY WITH THESE STORMS.

DISCUSSION...TORNADO THREAT IS INCREASING ACROSS W-CNTRL AND SWRN KS IN ASSOCIATION WITH MATURING SUPERCELLS. EARLIER TORNADO-PRODUCING STORM ACROSS SCOTT/LANE COUNTIES KS HAS UNDERGONE SEVERAL MERGERS AND HAS EVOLVED INTO AN EWD MOVING CLUSTER...BUT IS STILL EXHIBITING EMBEDDED CIRCULATIONS. THE HIGHEST NEAR-TERM TORNADO THREAT WILL

REMAIN CENTERED NEAR KDDC TO N OF KLBL...WHERE THE INTERSECTION OF AN OUTFLOW BOUNDARY WITH THE DRYLINE IS POSITIONED. VWP DATA FROM KDDC SHOW A CURVED HODOGRAPH WITH AMPLE LOW-LEVEL SHEAR SUPPORTIVE FOR A TORNADO THREAT.

ADDITIONAL STORMS CONTINUE TO DEVELOP FARTHER SWD ALONG/E OF THE DRYLINE INTO THE ERN TX PANHANDLE. THE AIR MASS IS EXTREMELY UNSTABLE HERE /NEAR 4000 J/KG OF MLCAPE/...BUT LOW-LEVEL SHEAR IS WEAKER. HOWEVER...STRENGTHENING OF THE LOW-LEVEL JET AFTER 00Z SHOULD RESULT IN INCREASING TORNADO POTENTIAL ASSOCIATED WITH ANY DISCRETE SUPERCELLS.

..ROGERS.. 05/24/2016

ATTN...WFO...OUN...DDC...GLD...AMA...

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