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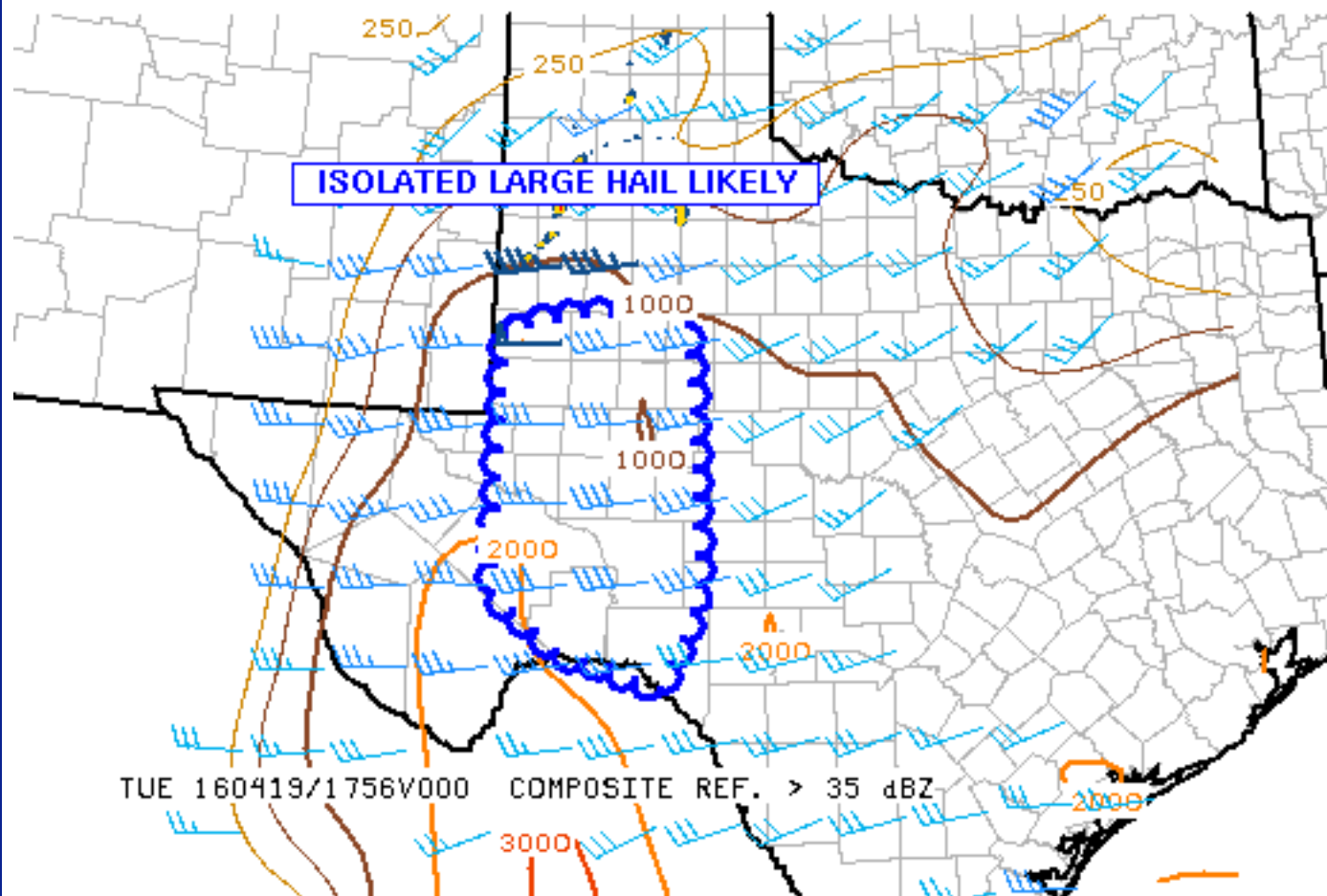
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SPC MCD #0417

MESOSCALE DISCUSSION 0417
 NWS STORM PREDICTION CENTER NORMAN OK
 0115 PM CDT TUE APR 19 2016

AREAS AFFECTED...SW TX

CONCERNING...SEVERE POTENTIAL...WATCH POSSIBLE

VALID 191815Z - 192045Z

PROBABILITY OF WATCH ISSUANCE...40 PERCENT

SUMMARY...ISOLATED LARGE HAIL AND LOCALLY STRONG WIND GUSTS ARE EXPECTED TO DEVELOP THIS AFTERNOON OVER SWRN TX.

DISCUSSION...STRONG HEATING CONTINUES TO ERODE STRATUS ACROSS WRN TX WITH CU NOW DEVELOPING ACROSS THE HIGHER TERRAIN AS TEMPERATURES RISE INTO THE 70S F. ELY SFC WINDS WILL MAINTAIN MID TO UPPER 50S F DEWPOINTS RESULTING IN 1500-2000 J/KG MUCAPE WITH MODESTLY STEEP LAPSE RATES ALOFT. WLY FLOW ALOFT SHOULD BE SUFFICIENT FOR A FEW LONG-LIVED AND POSSIBLY SPLITTING CELLS CAPABLE OF LARGE HAIL WITH

1.00 TO 1.75 IN DIAMETER POSSIBLE. AT THIS TIME IT APPEARS STORM
COVERAGE MAY BE TOO LOW FOR A WATCH...BUT THE CONDITIONAL SEVERE
HAIL THREAT GIVEN A STORM IS HIGH.

..JEWELL/HART.. 04/19/2016

ATTN...WFO...EWX...SJT...MAF...

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