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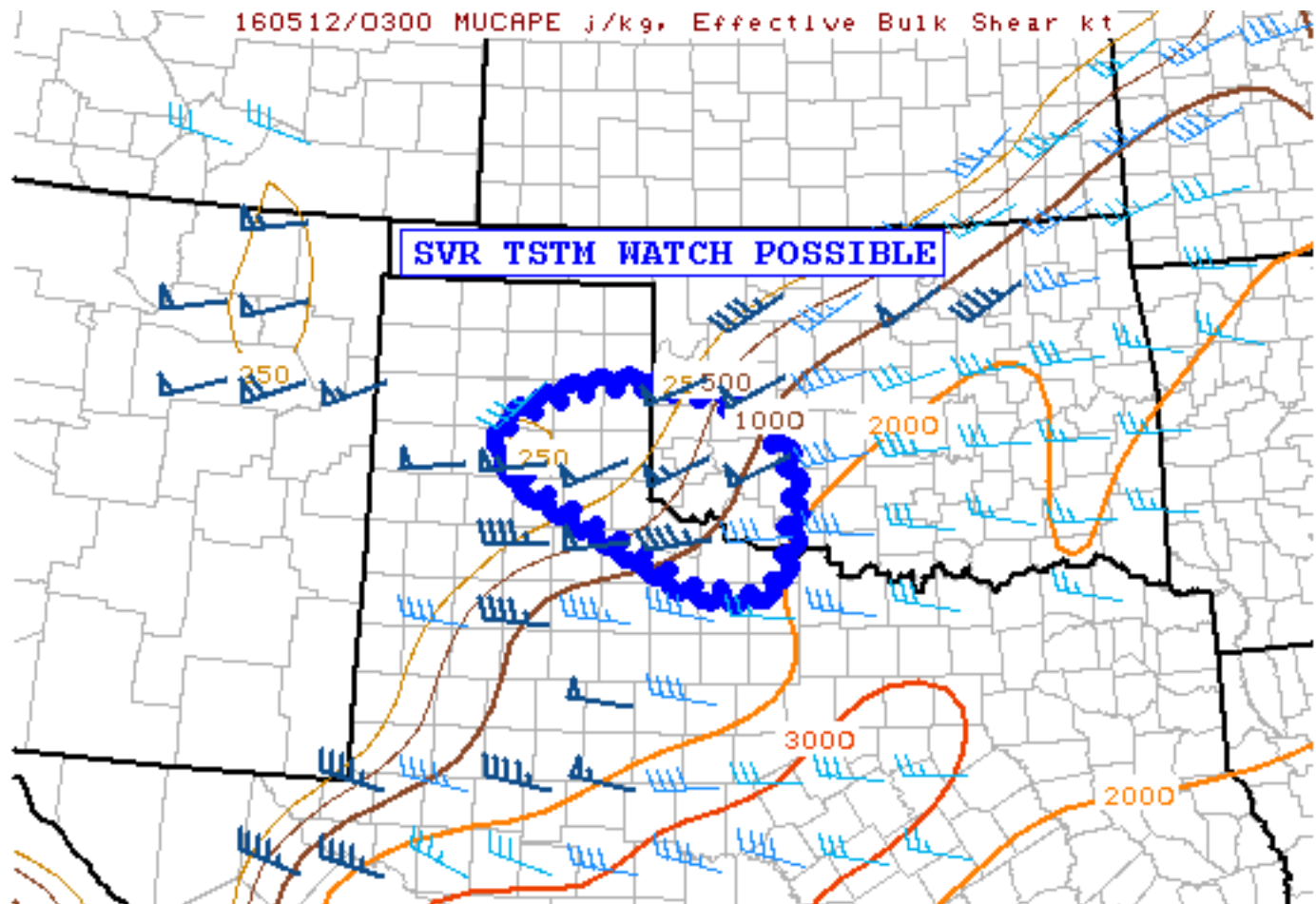
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SPC MCD #0614

MESOSCALE DISCUSSION 0614

NWS STORM PREDICTION CENTER NORMAN OK

1013 PM CDT WED MAY 11 2016

AREAS AFFECTED...PORTIONS OF THE TX PANHANDLE...TX S PLAINS...WRN N TX...SWRN OK

CONCERNING...SEVERE POTENTIAL...WATCH POSSIBLE

VALID 120313Z - 120445Z

PROBABILITY OF WATCH ISSUANCE...40 PERCENT

SUMMARY...ISOLATED TO WIDELY SCATTERED TSTMS SPREADING ACROSS THE REGION MAY PRODUCE ISOLATED LARGE HAIL INTO THE OVERNIGHT HOURS...AND THIS MAY WARRANT ISSUANCE OF A SVR TSTM WATCH.

DISCUSSION...ONGOING SUPERCELL TSTMS ACROSS PARTS OF THE TX PANHANDLE CONTINUE SPREADING EWD/SEWD WITHIN A CORRIDOR OF MODEST BUOYANCY. THE PRESENCE OF 40-50 KT OF EFFECTIVE BULK SHEAR AHEAD OF A SHORTWAVE TROUGH...AND STRONG HIGH-LEVEL FLOW SUPPORTING LONG

HODOGRAPHS...WILL LIKELY MAINTAIN A SVR HAIL RISK INTO THE OVERNIGHT HOURS. AS THIS ACTIVITY ENCOUNTERS SOMEWHAT RICHER LOW-LEVEL MOISTURE INTO PARTS OF SWRN OK AND VICINITY...IT IS POSSIBLE THAT INTENSIFICATION OF THE AFOREMENTIONED CONVECTION MAY OCCUR... ESPECIALLY GIVEN MODERATELY STEEP MID-LEVEL LAPSE RATES SAMPLED BY THE 00Z AMA RAOB. HOWEVER...GROWING NOCTURNAL MLCINH AND ONLY MODEST BOUNDARY-LAYER MOISTURE MAY RESULT IN LIMITED SVR COVERAGE OVERALL...RESULTING IN SOME UNCERTAINTY IN THE NECESSITY OF A NEW WW.

..COHEN/THOMPSON.. 05/12/2016

ATTN...WFO...OUN...LUB...AMA...

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