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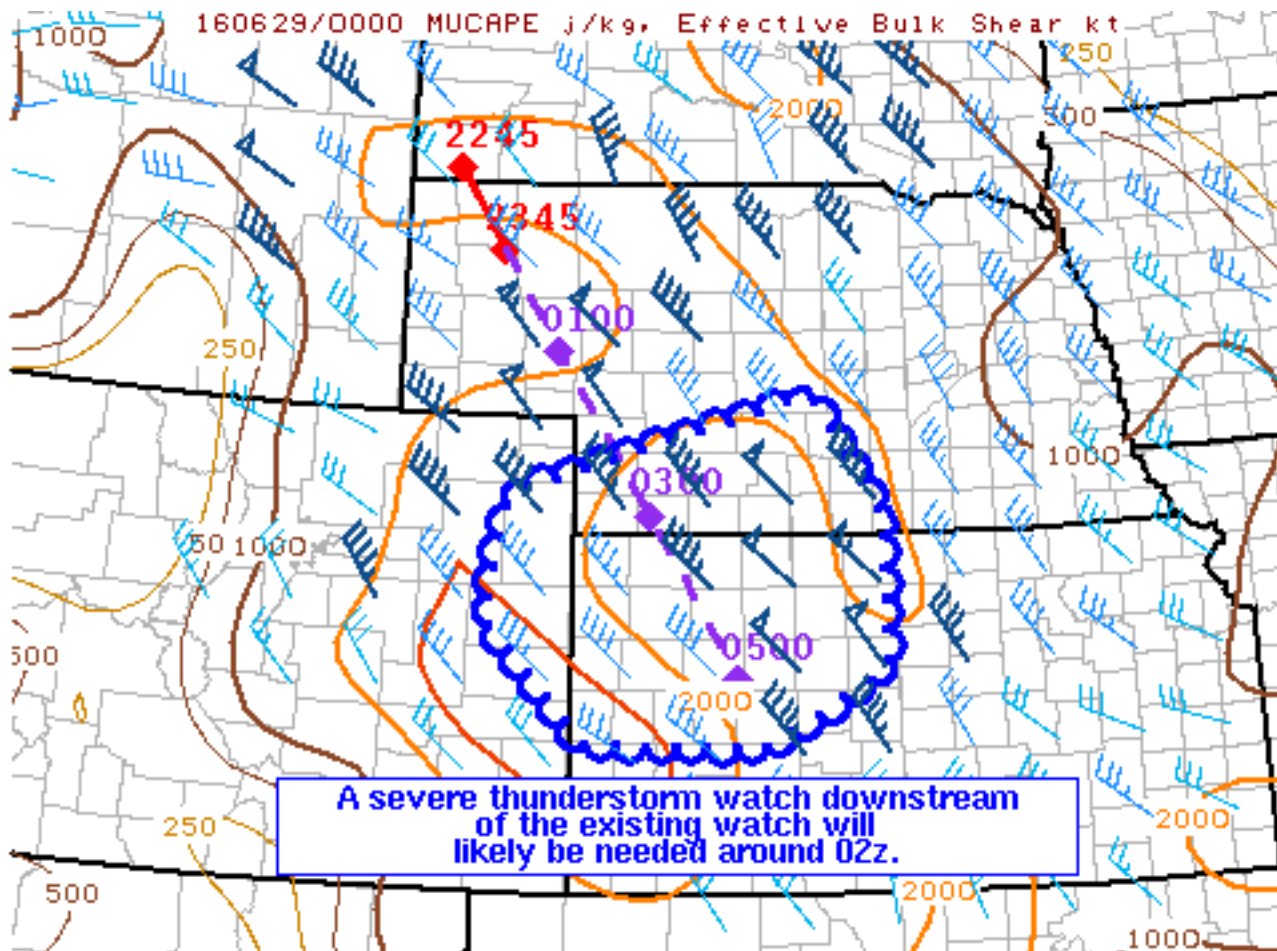
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Mesoscale Discussion 1079

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SPC MCD #1079

MESOSCALE DISCUSSION 1079
 NWS STORM PREDICTION CENTER NORMAN OK
 0713 PM CDT TUE JUN 28 2016

AREAS AFFECTED...SWRN NEB / ERN CO / NWRN INTO W-CNTRL KS

CONCERNING...SEVERE POTENTIAL...SEVERE THUNDERSTORM WATCH LIKELY

VALID 290013Z - 290215Z

PROBABILITY OF WATCH ISSUANCE...95 PERCENT

SUMMARY...A SEVERE THUNDERSTORM WATCH DOWNSTREAM OF THE EXISTING SEVERE THUNDERSTORM WATCH WILL LIKELY BE NEEDED AROUND 02Z.

DISCUSSION...AN INTENSE CONVECTIVE CLUSTER OVER NWRN NEB IS CURRENTLY GROWING UPSCALE AND WILL CONTINUE TO MATURE INTO A HIGH-END FORWARD-PROPAGATING QLCS THIS EVENING. SELV SURFACE WINDS VEERING TO NWLY IN THE MID LEVELS PER THE 00Z LBF RAOB WILL PROMOTE THE SEWD MOTION OF THE INTENSIFYING MCS. ALTHOUGH BOUNDARY-LAYER COOLING WILL OCCUR THIS EVENING...STEEP H7-H5 LAPSE RATES /AROUND 8

DEG C PER KM PER THE LBF RAOB/ COUPLED WITH AN ADEQUATELY
MOIST/UNSTABLE BOUNDARY LAYER...WILL ACT TO MAINTAIN THE RISK FOR
SEVERE GUSTS INTO PARTS OF S-CNTRL NEB AND NERN CO TOWARDS 03Z.
LINEAR EXTRAPOLATION AUGMENTED WITH THE POSSIBILITY FOR SOME
ACCELERATION IN MOTION PROJECTS THE CONVECTIVE SYSTEM TO EVENTUALLY
REACH I-70 IN NWRN KS AROUND 04Z. WIND GUSTS 60-75 MPH WILL BE
POSSIBLE.

..SMITH/EDWARDS.. 06/29/2016

ATTN...WFO...ICT...GID...LBF...DDC...GLD...PUB...BOU...

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