

Site
Map

News Organization

Search for:

 SPC NCEP All NOAA

Go

Local forecast by
"City, St" or "ZIP"

City, St

Go

SPC on Facebook

@NWSSPC

NCEP Quarterly
Newsletter

Home (Classic)

SPC Products

All SPC Forecasts

Current Watches

Meso. Discussions

Conv. Outlooks

Tstm. Outlooks

Fire Wx Outlooks

RSS Feeds

E-Mail Alerts

Weather Information

Storm Reports

Storm Reports Dev.

NWS Hazards Map

Watch/Warning Map

National RADAR

Product Archive

NOAA Weather Radio

Research

Non-op. Products

Forecast Tools

Svr. Tstm. Events

SPC Publications

SPC-NSSL HWT

Education & Outreach

About the SPC

SPC FAQ

About Tornadoes

About Derechos

WCM Page

Enh. Fujita Page

Our History

Public Tours

Misc.

Staff

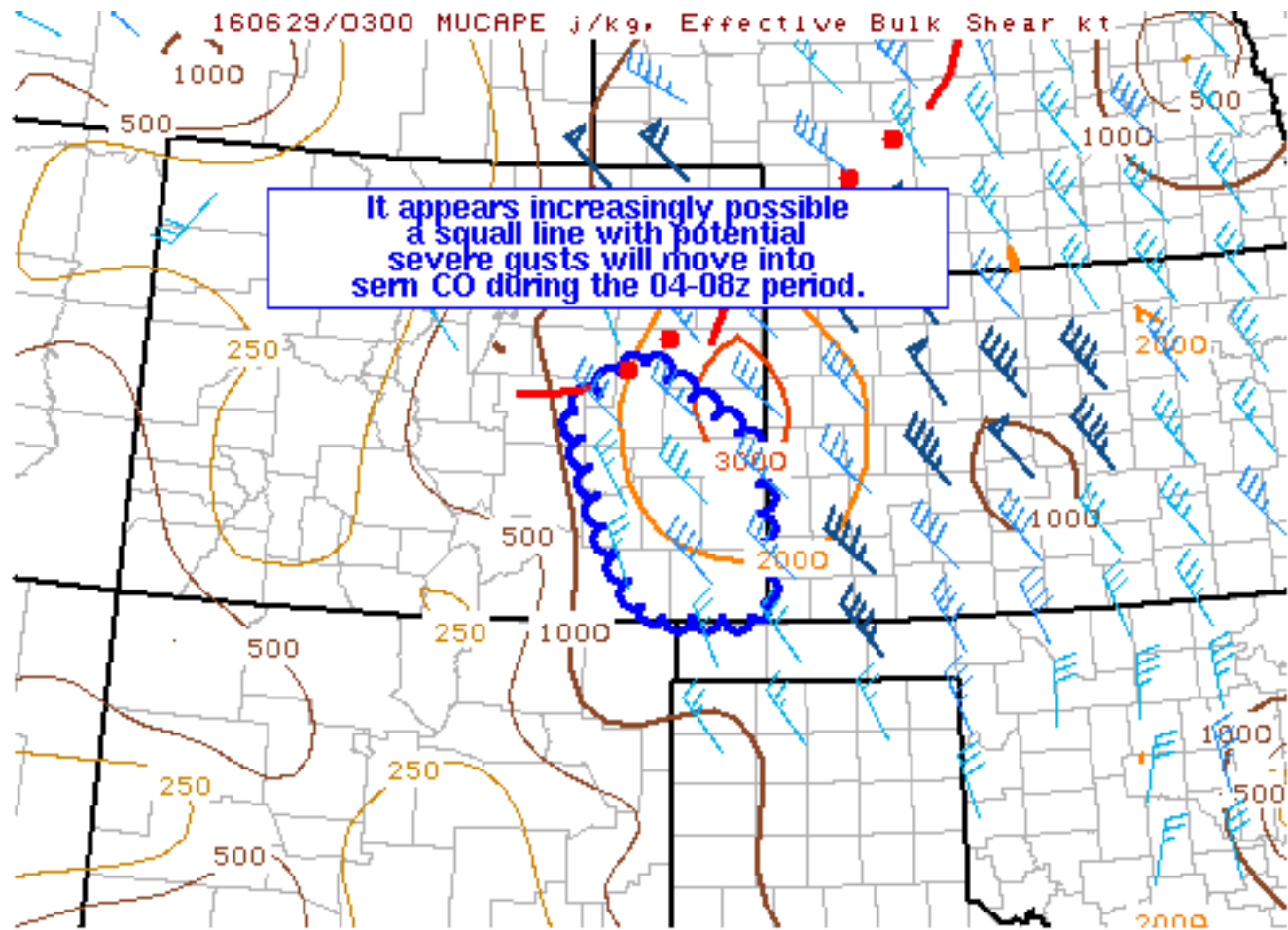
Contact Us

SPC Feedback

Mesoscale Discussion 1084

< Previous MD

Next MD >



SPC MCD #1084

MESOSCALE DISCUSSION 1084

NWS STORM PREDICTION CENTER NORMAN OK

1013 PM CDT TUE JUN 28 2016

AREAS AFFECTED...E-CNTRL AND SERN CO

CONCERNING...SEVERE POTENTIAL...WATCH POSSIBLE

VALID 290313Z - 290415Z

PROBABILITY OF WATCH ISSUANCE...60 PERCENT

SUMMARY...IT APPEARS INCREASINGLY POSSIBLE A SQUALL LINE WITH POTENTIAL SEVERE GUSTS WILL MOVE INTO SERN CO DURING THE 04-08Z PERIOD.

DISCUSSION...A DEVELOPING SQUALL LINE OVER E-CNTRL CO IS INTENSIFYING FROM YUMA COUNTY WSWWD TOWARDS THE GREATER COLORADO SPRINGS AREA. MOIST SELY LOW-LEVEL FLOW IS CONTRIBUTING TO A STRONG MOIST FLUX INTO THE REGION WITH DEWPOINTS AT 03Z RANGING FROM 54 DEG AT LHX AND 65 DEG F AT LAA. THEREFORE...DESPITE THE LOSS OF



HEATING...TEMPS WILL BE RELATIVELY SLOW TO COOL DUE TO THE MOIST BOUNDARY LAYER. STRONG STORM-RELATIVE FLOW /AOA 50 KT/ AND A MOIST/UNSTABLE BOUNDARY LAYER /2000-3000 J PER KG MUCAPE/ WILL LIKELY RESULT IN THE FURTHER INTENSIFICATION AND MATURATION OF THE SQUALL LINE ACROSS E-CNTRL CO DURING THE NEXT FEW HOURS. GIVEN THE MULTITUDE OF SUPPORTING FACTORS FOR A SWD MOVEMENT OF THE SQUALL LINE INTO SERN CO...THE POSSIBILITY FOR SEVERE GUSTS /50-65 KT/ IS PLAUSIBLE. WILL CONTINUE TO MONITOR SHORT-TERM TRENDS.

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

ATTN...WFO...DDC...GLD...PUB...BOU...

LAT...LON 37820383 38820416 39280342 38510210 37050203 37050335
37820383

[Top/All Mesoscale Discussions/Forecast Products/Home](#)

Weather Topics:

[Watches, Mesoscale Discussions, Outlooks, Fire Weather, All Products, Contact Us](#)

NOAA / National Weather Service
National Centers for Environmental Prediction
Storm Prediction Center
120 David L. Boren Blvd.
Norman, OK 73072 U.S.A.
spc.feedback@noaa.gov
Page last modified: June 29, 2016

[Disclaimer](#)
[Information Quality](#)
[Help](#)
[Glossary](#)

[Privacy Policy](#)
[Freedom of Information Act \(FOIA\)](#)
[About Us](#)
[Career Opportunities](#)