

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

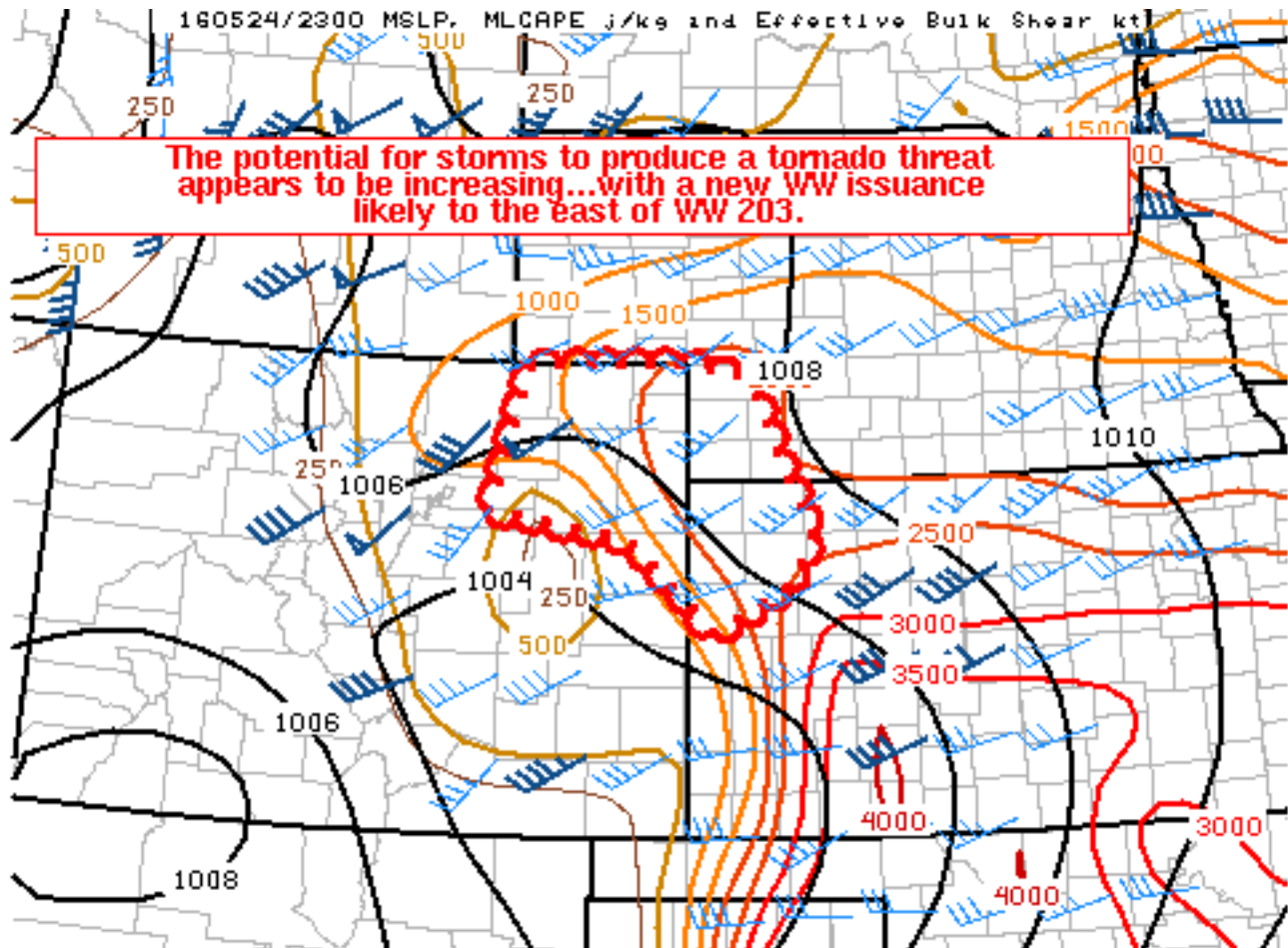
Contact Us

SPC Feedback

Mesoscale Discussion 712

< Previous MD

Next MD >



SPC MCD #0712

MESOSCALE DISCUSSION 0712

NWS STORM PREDICTION CENTER NORMAN OK

0646 PM CDT TUE MAY 24 2016

AREAS AFFECTED...NORTHEAST CO/NORTHWEST KS/FAR SOUTHWEST NEB

CONCERNING...SEVERE POTENTIAL...TORNADO WATCH LIKELY

VALID 242346Z - 250115Z

PROBABILITY OF WATCH ISSUANCE...80 PERCENT

SUMMARY...A NEW TORNADO WATCH WILL NEED TO BE COORDINATED SHORTLY FOR THE REST OF NORTHEAST CO INTO NORTHWEST KS AND FAR SOUTHWEST NEB.

DISCUSSION...STRONGER SURFACE HEATING AND NORTH/NORTHWESTWARD MOISTURE TRANSPORT INTO NORTHWEST KS AND NORTHEAST CO TO FAR SOUTHWEST NEB HAS RESULTED IN FURTHER DESTABILIZATION DOWNSTREAM OF THE ONGOING THUNDERSTORM COMPLEX IN NORTHEAST CO TO THE SOUTHERN EXTENT OF THE NEB PANHANDLE. THE STRONGEST STORM IN THIS COMPLEX IS

LOCATED IN SOUTHERN MORGAN COUNTY AND WAS MOVING TO THE EAST AT 25
KT...AND SHOULD EXIT WW 203 BY 01Z INTO YUMA COUNTY CO. THE DRYLINE
WAS ANALYZED FROM GREELEY COUNTY KS NORTHWEST THROUGH CHEYENNE
COUNTY CO TO NEAR THE STORM IN MORGAN COUNTY. A STRENGTHENING
E/SELY INFLOW OF MOIST/MODERATELY UNSTABLE AIR ACROSS THE DISCUSSION
AREA WILL ALLOW THE MORGAN STORM AND ANY ADDITIONAL DEVELOPMENT TO
SPREAD EAST OF WW 203 THIS EVENING...AND POSSIBLY TO THE SOUTHEAST
ALONG THE DRYLINE. AN INCREASE IN LOW-LEVEL SHEAR IS EXPECTED ALONG
THE SELY LLJ...FURTHER ENHANCING THE TORNADO THREAT.

..PETERS/EDWARDS.. 05/24/2016

ATTN...WFO...LBF...GLD...BOU...

LAT...LON 39740421 40970380 40990208 40870131 40240102 39570066
39150083 38700170 39510264 39740421

[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: May 25, 2016

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

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