

Site
Map

News Organization

Search for:



SPC



NCEP



All NOAA

Go

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

City, St

Go

Find us on
Facebook

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

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

Video Lecture Series

WCM Page

Enh. Fujita Page

Our History

Public Tours

Misc.

Staff

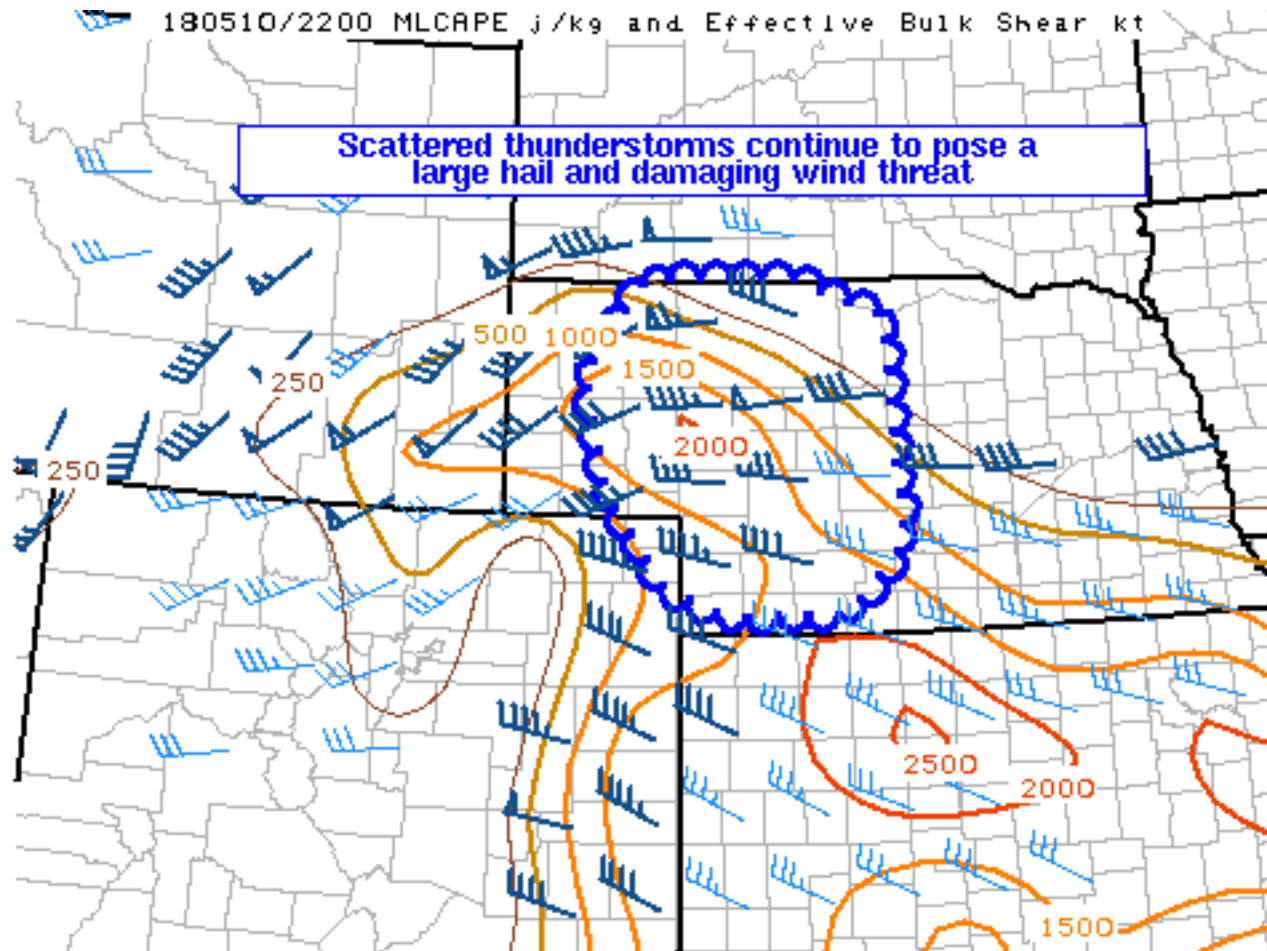
Contact Us

SPC Feedback

Mesoscale Discussion 379

< Previous MD

Next MD >



Mesoscale Discussion 0379

NWS Storm Prediction Center Norman OK

0610 PM CDT Thu May 10 2018

Areas affected...Western/Central Nebraska

Concerning...Severe Thunderstorm Watch 79...

Valid 102310Z - 110115Z

The severe weather threat for Severe Thunderstorm Watch 79 continues.

SUMMARY...Scattered thunderstorms continue to pose a threat for large hail and damaging winds, with upscale growth to a linear convective system expected over time.

DISCUSSION...Scattered thunderstorms have developed across the watch area and continue to intensify as they move into richer low level moisture across portions of western/central NE. MLCAPE of 1500-2000 J/kg and effective bulk shear 40-50 kt will help to sustain the



ongoing supercell structures across the area, posing mainly a large hail and damaging wind threat. The more isolated storms, particularly across northwestern/north-central NE, may pose an isolated tornado threat, as low-level winds are now backing within the decoupling boundary-layer resulting in an increase in low-level shear. With time, the scattered storms should begin to merge over the next few hours, with the primary threat transitioning to damaging winds into central portions of NE.

..Karstens.. 05/10/2018

...Please see www.spc.noaa.gov for graphic product...

ATTN...WFO...GID...LBF...UNR...GLD...BOU...CYS...

LAT...LON 40420222 41220288 42220312 43040241 43020074 42689968
40789951 40160015 40150154 40420222

[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 11, 2018

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

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