

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

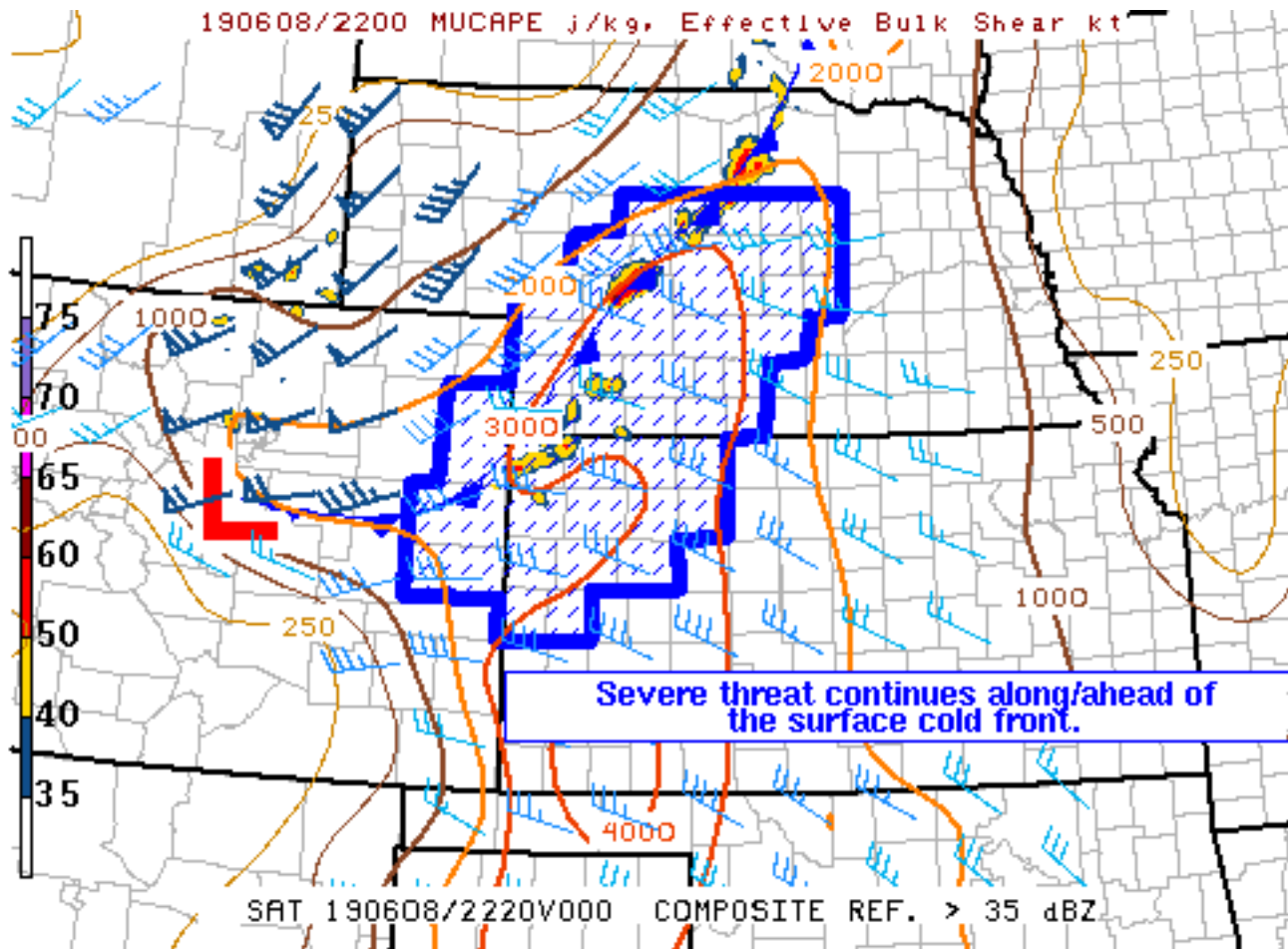
Contact Us

SPC Feedback

Mesoscale Discussion 1030

< Previous MD

Next MD >



SPC MCD #1030

Mesoscale Discussion 1030

NWS Storm Prediction Center Norman OK

0551 PM CDT Sat Jun 08 2019

Areas affected...northwest Kansas...far east Colorado...and south-central Nebraska

Concerning...Severe Thunderstorm Watch [343](#)...

Valid 082251Z - 082345Z

The severe weather threat for Severe Thunderstorm Watch 343 continues.

SUMMARY...The severe thunderstorm threat will continue. Thunderstorms are developing/continuing along a surface cold front across Nebraska. Additional thunderstorms have developed farther south in parts of northwest Kansas. The large-scale environment will continue to support a severe potential into the evening.

DISCUSSION...A surface-cold front continues to move south and east



this evening. Convergence along this front has allowed for the development and maintenance of several severe thunderstorms across southern Nebraska, with additional thunderstorms along a myriad of surface boundaries in northwest Kansas. Mixed-layer CAPE around 3000 J/kg and deep-layer shear around 30-40 knots along and ahead of these storms will maintain an environment supportive of severe thunderstorms capable of producing gusty winds and large hail. Additionally, sufficient combination of 0-3km CAPE values and surface vorticity in the region will support the potential for a landspout or two with any vigorous updraft that persists atop any surface boundary. Additionally as thunderstorms from the northern cluster (Lincoln County, NE) interact with thunderstorms from the southern cluster (Hayes County, NE) an increase in the potential for all severe modes may briefly occur.

..Marsh.. 06/08/2019

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

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

LAT...LON 38600311 39540310 39570278 40400274 40420204 41370201
 41390141 41730138 41760084 42080084 42079827 41049830
 41029869 40679871 40639915 40029920 40019963 39169963
 39140018 38710015 38700111 38280109 38250207 38610207
 38600311

[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 08, 2019

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

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