

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

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

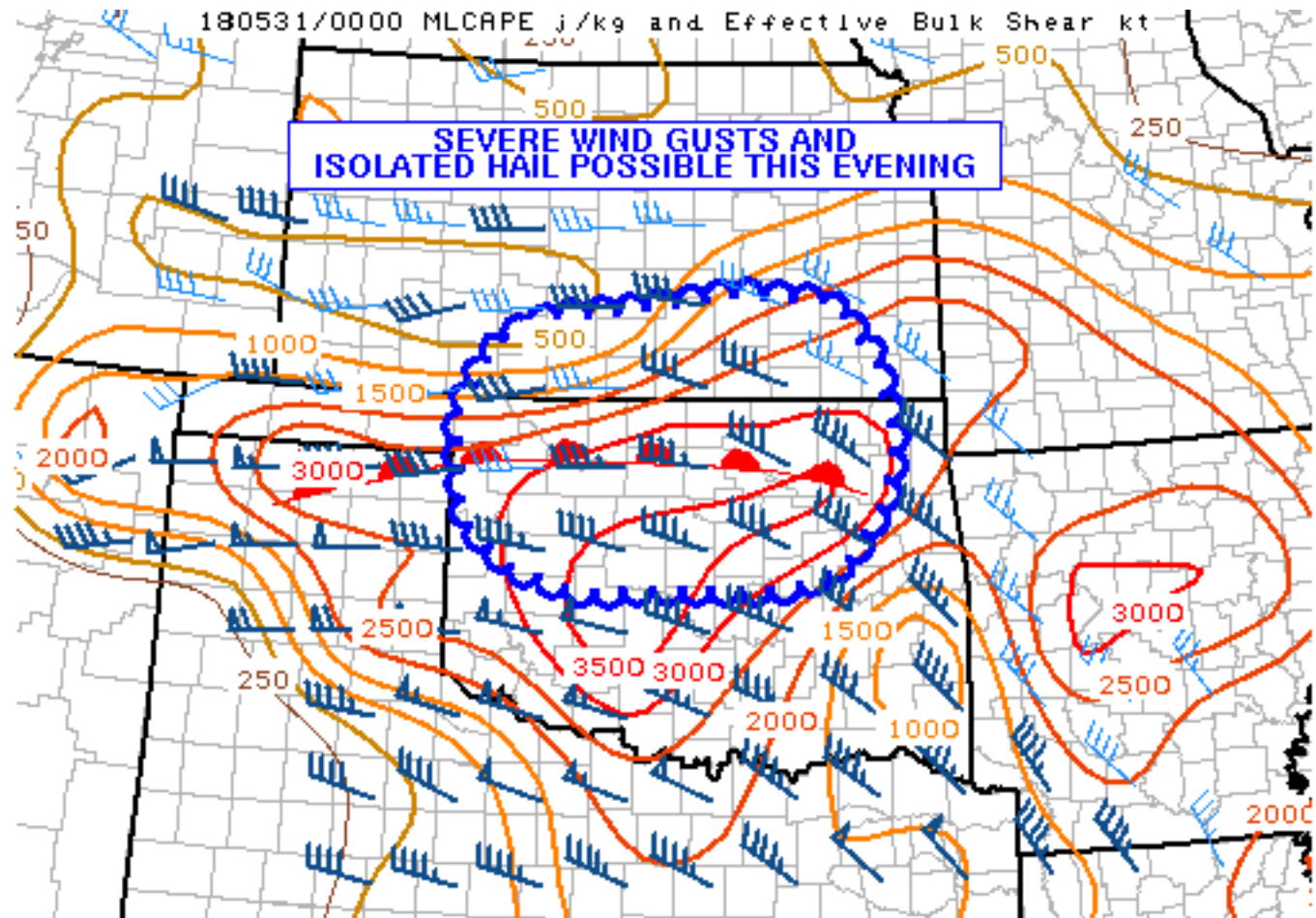
Contact Us

SPC Feedback

Mesoscale Discussion 580

< Previous MD

Next MD >



SPC MCD #0580

Mesoscale Discussion 0580

NWS Storm Prediction Center Norman OK

0822 PM CDT Wed May 30 2018

Areas affected...Portions of south-central and southeastern
Kansas...north/central Oklahoma

Concerning...Severe potential...Watch likely

Valid 310122Z - 310215Z

Probability of Watch Issuance...80 percent

SUMMARY...A cluster of storms in the Oklahoma and far northern Texas
Panhandles is expected to continue moving east and grow upscale with
time. Severe wind gusts and isolated hail will be possible with
these storms. A WW is likely by about 02Z.

DISCUSSION...A cluster of storms is ongoing in the Oklahoma and far
northern Texas Panhandles. Per KAMA radar, the southern flank of
this activity has seen a recent uptick in intensity. This uptick in

activity is coincident with the cluster encountering a more favorable convective environment and downstream dewpoints range from the mid-60s to low-70s in Oklahoma. MLCAPE values range from 1500 to 3500 J/kg per mesoanalysis. Recent CAMs guidance also depicts more development on the southern flank. While storms currently remain semi-discrete, with time cold pools should congeal and a more linear mode will dominate. Upscale growth with further be aided by an increase in the LLJ within the next few hours. The greatest uncertainty with this activity is how far south the storms will push into Oklahoma. A WW will likely be issued by about 02Z.

..Wendt/Thompson.. 05/31/2018

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

ATTN...WFO...TSA...ICT...OUN...DDC...

LAT...LON 36859994 37529956 37729897 37849763 37939691 37889583
37359535 36679515 36069532 35509581 35359645 35369747
35339854 35509929 35859976 35899985 36859994

[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 31, 2018

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

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