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

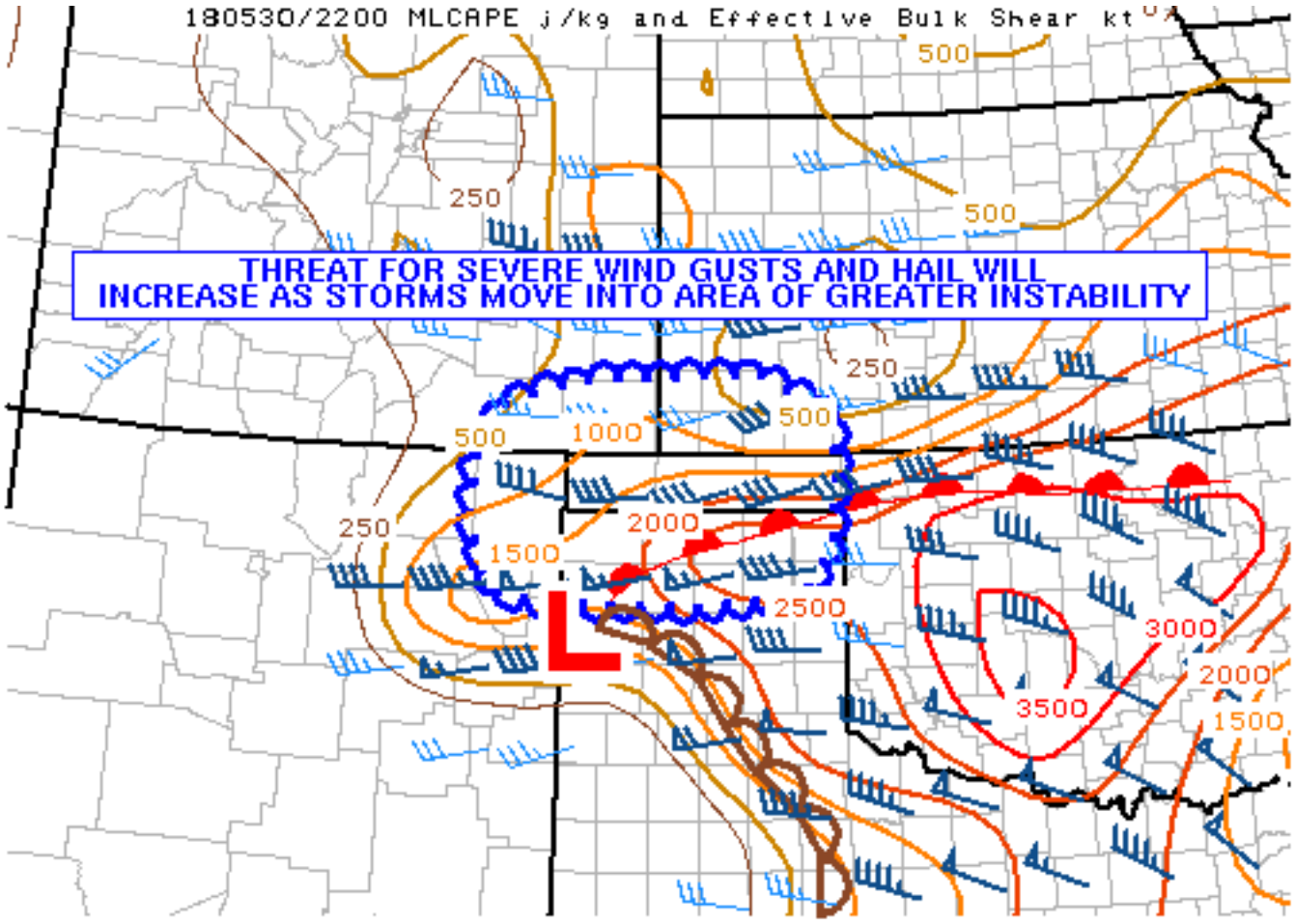
Education & Outreach
- About the SPC
- SPC FAQ
- About Tornadoes
- About Derechos
- Video Lecture Series
- WCM Page
- Enh. Fujita Page
- Our History
- Public Tours

Misc.
- Staff

Contact Us
- SPC Feedback

Mesoscale Discussion 579

< Previous MD Next MD >



SPC MCD #0579

Mesoscale Discussion 0579
NWS Storm Prediction Center Norman OK
0622 PM CDT Wed May 30 2018

Areas affected...Extreme Southeast Colorado...Southwest Kansas...Extreme Northeast New Mexico...Oklahoma Panhandle...Texas Panhandle

Concerning...Severe Thunderstorm Watch 134...

Valid 302322Z - 310115Z

The severe weather threat for Severe Thunderstorm Watch 134 continues.

SUMMARY...Storms ongoing in a line from southeast Colorado, far western Oklahoma Panhandle, and the along the northern border of New Mexico and the Texas Panhandle will move into an area of greater surface moisture and instability over the next few hours. Severe wind gust and hail threats will increase as this occurs.

DISCUSSION...Current surface analysis show a weak low pressure center in the far western Texas Panhandle with a dryline extending southeastward from DUX to CDS. A warm front is evident in the north Texas Panhandle eastward into northern Oklahoma. Storms have been ongoing in western portions of WW 134. Over the last hour or so, radar trends show that storms have taken on more of a linear mode. As these storms progress east, they will encounter a moist, unstable airmass characterized by mid- to upper-60s dewpoints and surface temperatures into the 90s. MLCAPE values will be anywhere from 2000 to 3500 J/kg. Storm severity is expected to increase in the next few hours. Some uncertainty exists as to the southern extent of this line of storms. Some signs of cumulus development have been evident on visible satellite imagery near DUX. Should further development occur, possible watch extensions in area may be needed along the southern edge of WW 134.

..Wendt.. 05/30/2018

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

ATTN...WFO...DDC...AMA...PUB...ABQ...

LAT...LON 37410370 37630300 37720092 37340006 36780005 36210011
35770042 35650159 35680326 35780378 36440404 36980399
37280380 37410370

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