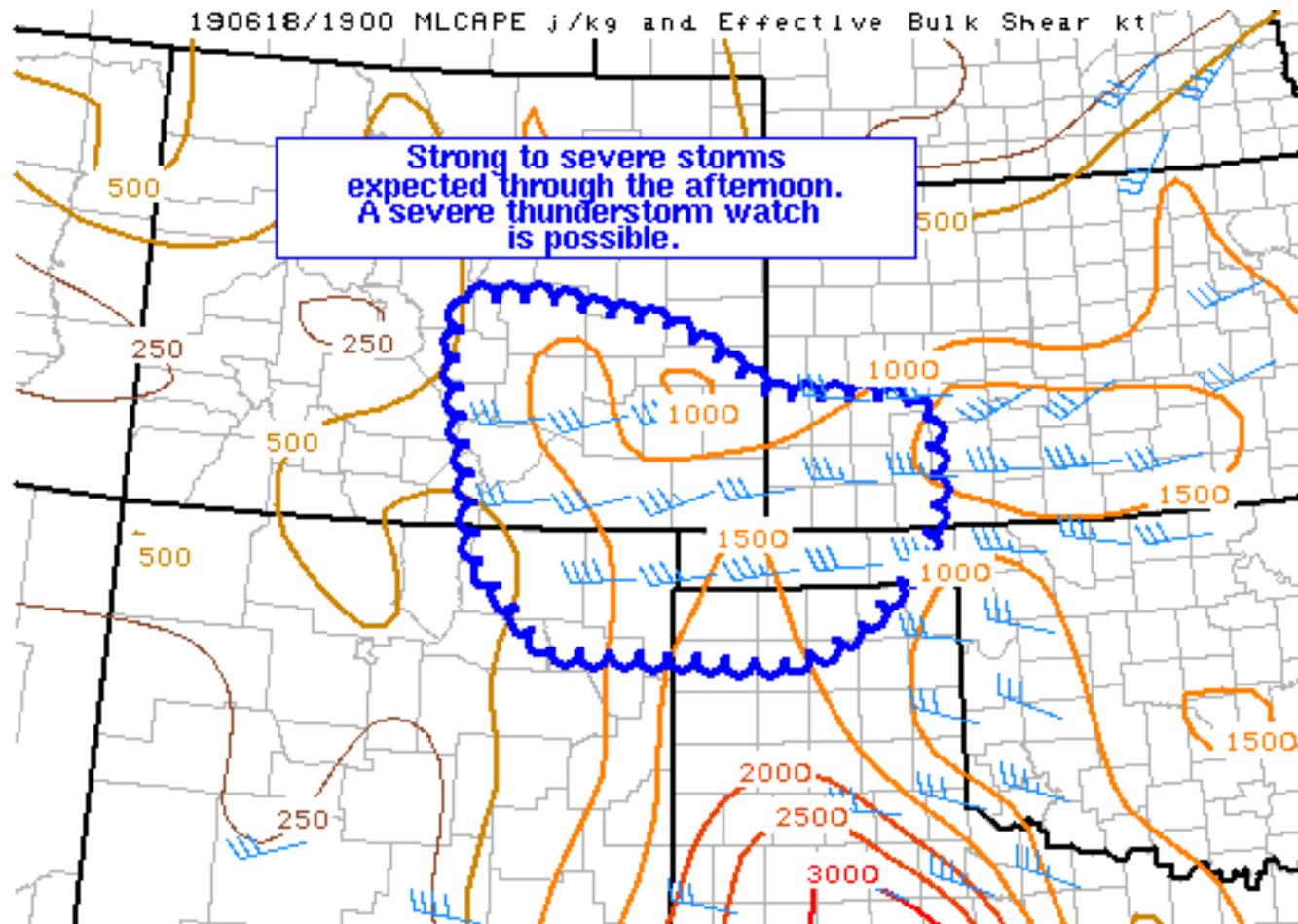


[Site Map](#)[News Organization](#)Search for: SPC NCEP All NOAALocal forecast by
"City, St" or "ZIP"[Find us on Facebook](#)

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 1120

[< Previous MD](#)[Next MD >](#)

Mesoscale Discussion 1120

NWS Storm Prediction Center Norman OK

0222 PM CDT Tue Jun 18 2019

Areas affected...Southeast Colorado...Northeast New Mexico...Southwest Kansas...the Oklahoma Panhandle...and far northern Texas Panhandle.

Concerning...Severe potential...Watch possible

Valid 181922Z - 182045Z

Probability of Watch Issuance...60 percent

SUMMARY...Strong to severe storms are expected through the afternoon. A severe thunderstorm watch is possible.

DISCUSSION...A combination of low-level upslope flow and terrain induced circulation has led to convective development over the higher terrain of the Colorado Front Range and the Baton Mesa. Through the afternoon, these storms are expected to move off of the



higher terrain into the Plains. Currently, this area is only weakly unstable (500 to 1000 J/kg MLCAPE), but additional heating through the afternoon will lead to more moderate instability ~1500 J/kg. Effective shear around 30 knots will support isolated supercell structures. Mid-level lapse rates are around 7.5-8 C/km (per RAP mesoanalysis) which will support a threat for large hail (especially initially when storm mode will be more discrete) before the threat becomes more of a damaging wind threat as storms congeal.

..Bentley/Guyer.. 06/18/2019

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

ATTN...WFO...DDC...GLD...AMA...PUB...BOU...ABQ...

LAT...LON 38980542 39000457 38770305 38160196 38130087 38050026
 37250017 36690041 36130108 35860178 35900262 35950438
 36690513 38490552 38980542

[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 18, 2019

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

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