

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 &amp; Outreach

About the SPC

SPC FAQ

About Tornadoes

About Derechos

Video Lecture Series

WCM Page

Enh. Fujita Page

Our History

Public Tours

Misc.

Staff

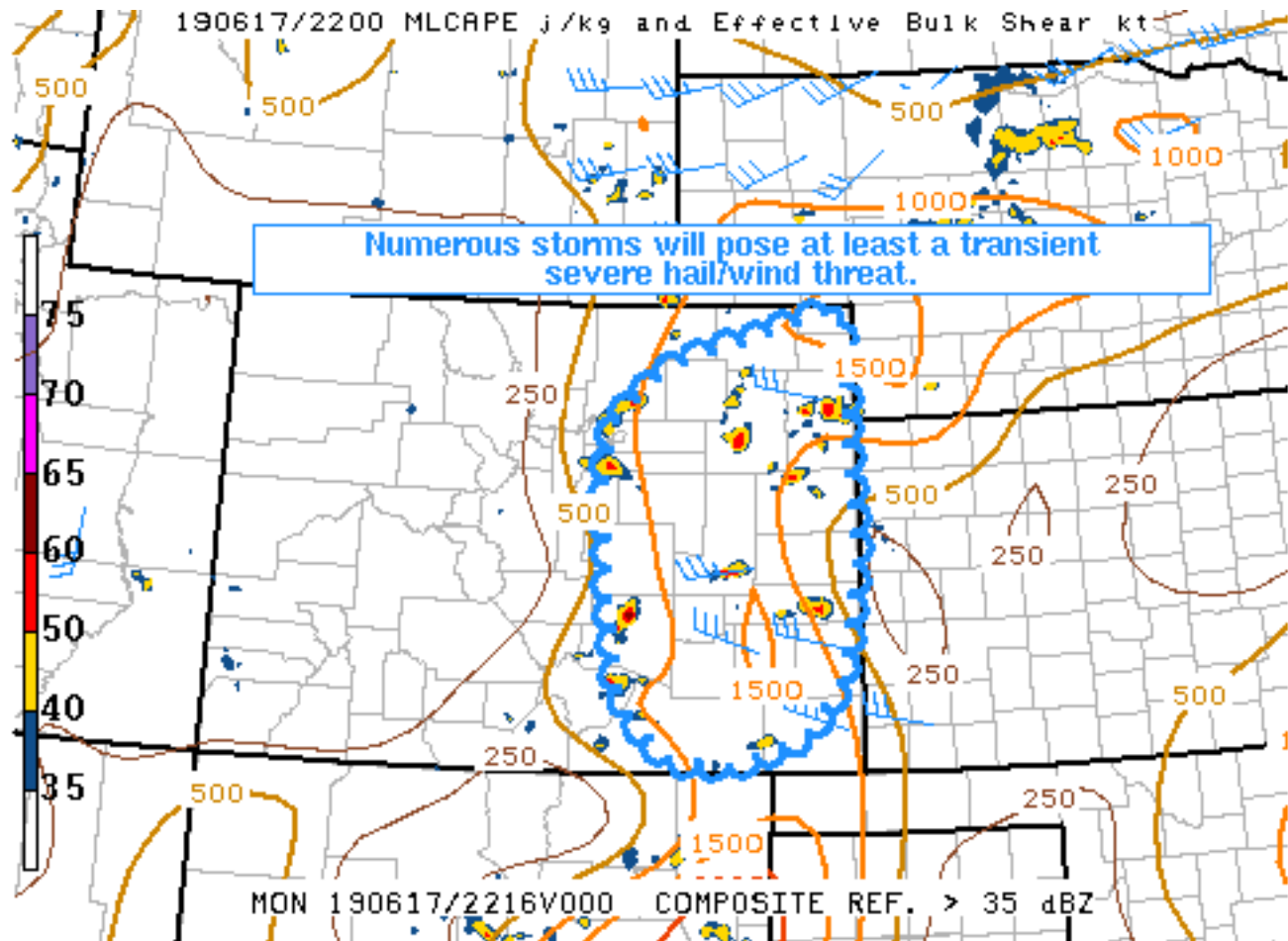
Contact Us

SPC Feedback

## Mesoscale Discussion 1108

&lt; Previous MD

Next MD &gt;



## SPC MCD #1108

Mesoscale Discussion 1108

NWS Storm Prediction Center Norman OK

0530 PM CDT Mon Jun 17 2019

Areas affected...Eastern Colorado

Concerning...Severe potential...Watch unlikely

Valid 172230Z - 180000Z

Probability of Watch Issuance...20 percent

SUMMARY...Numerous storms across eastern Colorado will pose a transient threat of severe hail and wind. Relatively limited storm organization and short duration of the remaining threat makes watch issuance unlikely.

DISCUSSION...At 2225Z, numerous strong thunderstorms are ongoing across eastern CO, with the most severe storm approaching Pueblo, CO with a threat for severe hail and wind (a 60 kt gust was recorded at 2219 UTC at KPUB). The environment across this region is generally



characterized by steep lapse rates, moderate buoyancy (MLCAPE of 1000-1500 J/kg in areas undisturbed by convection), and marginal effective shear in the 20-30 kt range. The weak shear has tended to limit the longevity of the severe threat with any one particular storm, though new development will pose a threat for isolated large hail within the first hour or so of initiation, and locally severe outflow winds will be possible with collapsing updrafts and also with any brief upscale growth from storm mergers. The greatest threat for the next 1-2 hours may be in an area surrounding Limon and Fort Morgan, CO, where converging outflows may result in a brief uptick in storm coverage and intensity before a definitive weakening trend occurs this evening.

Due to the relatively limited storm organization and duration of the remaining threat, watch issuance is considered unlikely.

..Dean/Edwards.. 06/17/2019

...Please see [www.spc.noaa.gov](http://www.spc.noaa.gov) for graphic product...

ATTN...WFO...GLD...PUB...BOU...

LAT...LON 40500394 40600358 40960217 38810205 37790222 37300263  
37070342 37130411 37610462 38520475 39500481 40040468  
40350426 40500394

[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](mailto: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](#)