

Local 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

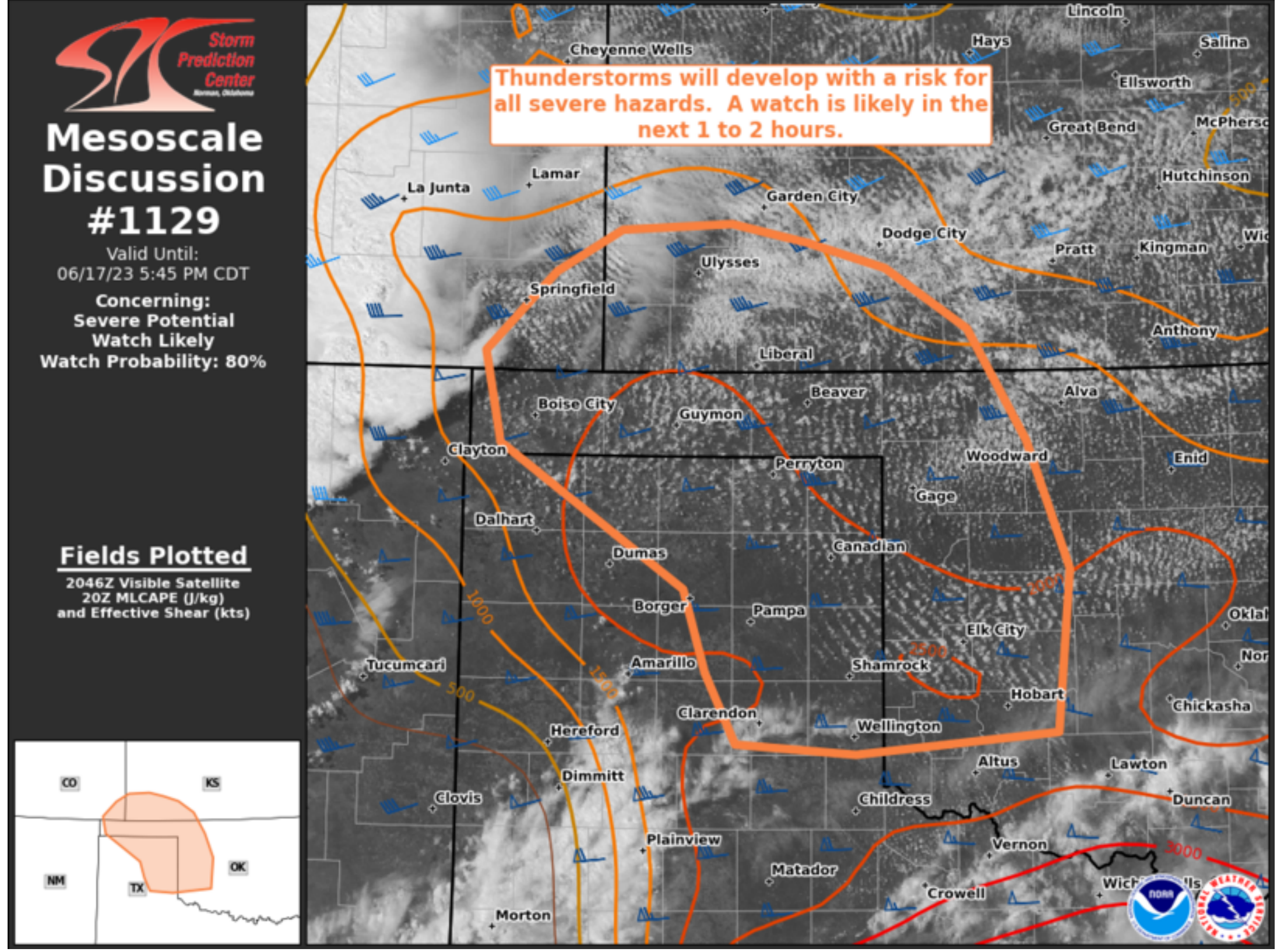
- Education & Outreach
- About the SPC
- SPC FAQ
- About Tornadoes
- About Derechos
- Video Lecture Series
- WCM Page
- Enh. Fujita Page
- Our History
- Public Tours

- Misc.
- Staff
- Contact Us
- SPC Feedback



Mesoscale Discussion 1129

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



Mesoscale Discussion #1129
 Valid Until: 06/17/23 5:45 PM CDT
Concerning:
 Severe Potential
 Watch Likely
 Watch Probability: 80%

Fields Plotted
 2046Z Visible Satellite
 20Z MLCAPE (J/kg)
 and Effective Shear (kts)



Mesoscale Discussion 1129
 NWS Storm Prediction Center Norman OK
 0351 PM CDT Sat Jun 17 2023

Areas affected...southeast Colorado...southwest Kansas...Oklahoma Panhandle and northwest Oklahoma...portions of the eastern Texas Panhandle

Concerning...Severe potential...Watch likely

Valid 172051Z - 172245Z

Probability of Watch Issuance...80 percent

SUMMARY...Severe thunderstorms are expected to develop along a dryline over the next 1 to 2 hours, with large to very large hail, damaging winds and a couple tornadoes possible. Trends will continue to be monitored and a watch is likely in the next 1 to 2 hours.

DISCUSSION...Supercell thunderstorm development is likely to occur along a dryline that extends through the central Texas Panhandle north across the western OK Panhandle over the next couple of hours, within a moderate-strongly unstable environment and 50-60 kts of westerly deep-layer shear. Large to very large hail will be possible given very steep mid-level lapse rates and considerable CAPE in the -10C to -30C layer, and damaging gusts will also be possible. Some potential will exist for low-level rotation and a tornado or two as low-level hodographs become more favorable towards early evening. With time, storms are likely to merge into an eastward-moving MCS capable of all severe hazards and an increasing risk for significant severe wind gusts.

Short-term trends will continue to be monitored and a watch will likely be needed in the next 1 to 2 hours.

..Bunting/Hart.. 06/17/2023

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

ATTN...WFO...OUN...DDC...AMA...PUB...

LAT...LON 34869874 34750020 34810105 35230128 35710144 36140210
 36560278 37100289 37580238 37830191 37860109 37760053
 37619996 37259937 36589894 35829864 34869874

[Top/All Mesoscale Discussions/Forecast Products/Home](#)

Weather Topics:
[Watches](#), [Mesoscale Discussions](#), [Outlooks](#), [Fire Weather](#), [All Products](#), [Contact Us](#)

National Weather Service • Since 1870