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- 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

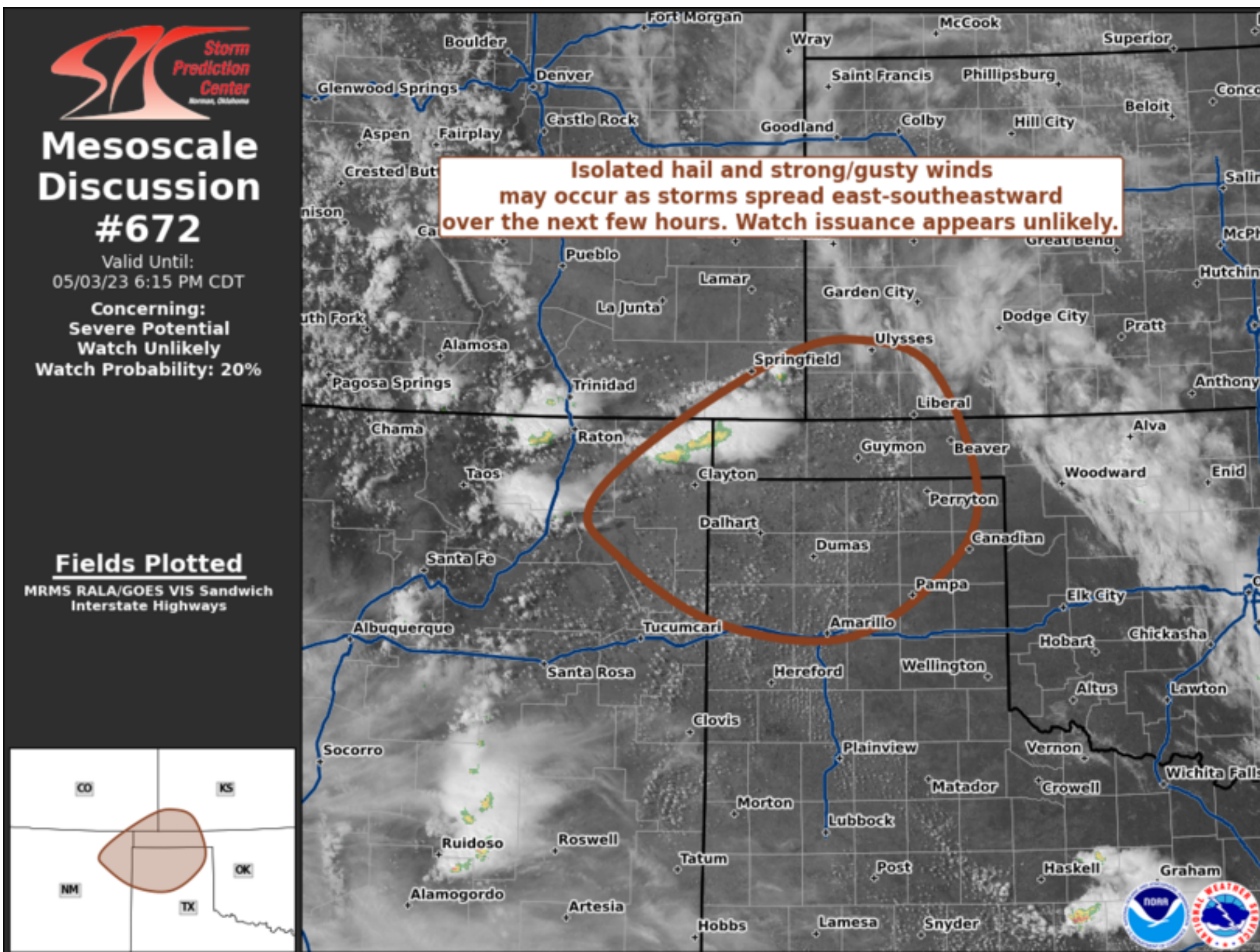
- Research
- Non-op. Products
- Forecast Tools
- Svr. Tstm. Events
- SPC Publications
- SPC-NSSL HWT
- Education & Outreach
- About the SPC
- SPC FAQ
- About Tornadoes
- About Derechos
- Video Lecture Series
- WCM Page
- Enh. Fujita Page
- Our History
- Public Tours

- Misc.
- Staff
- Contact Us
- SPC Feedback



Mesoscale Discussion 672

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



Mesoscale Discussion 0672
NWS Storm Prediction Center Norman OK
0342 PM CDT Wed May 03 2023

Areas affected...Portions of northeastern NM...the TX/OK Panhandles...far southeastern CO...and southwestern KS

Concerning...Severe potential...Watch unlikely

Valid 032042Z - 032315Z

Probability of Watch Issuance...20 percent

SUMMARY...Isolated hail and strong/gusty winds may occur as thunderstorms spread east-southeastward over the next few hours. Watch issuance appears unlikely at this time.

DISCUSSION...Convection has recently formed over the higher terrain of the Raton Pass/Mesa vicinity and eastward into parts of northeastern NM and southeastern CO. Although modestly forced, this activity is occurring along a weak surface lee trough. Current expectations are for these thunderstorms to move generally east-southeastward through the rest of the afternoon and into the early evening. Surface temperature-dewpoint spreads of 25-30+ F are present with a deeply/well-mixed boundary layer. Occasional strong to severe downdraft winds may occur with the more robust cores, especially if thunderstorms can congeal into a small cluster or two. Isolated hail also appears possible. MLCAPE of 500-1000 J/kg and deep-layer shear of 20-30 kt are somewhat marginal to support more than an isolated severe threat. Therefore, watch issuance will probably not be needed.

..Gleason/Thompson.. 05/03/2023

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

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

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