



Local forecast by "City, St" or "ZIP"

City, St

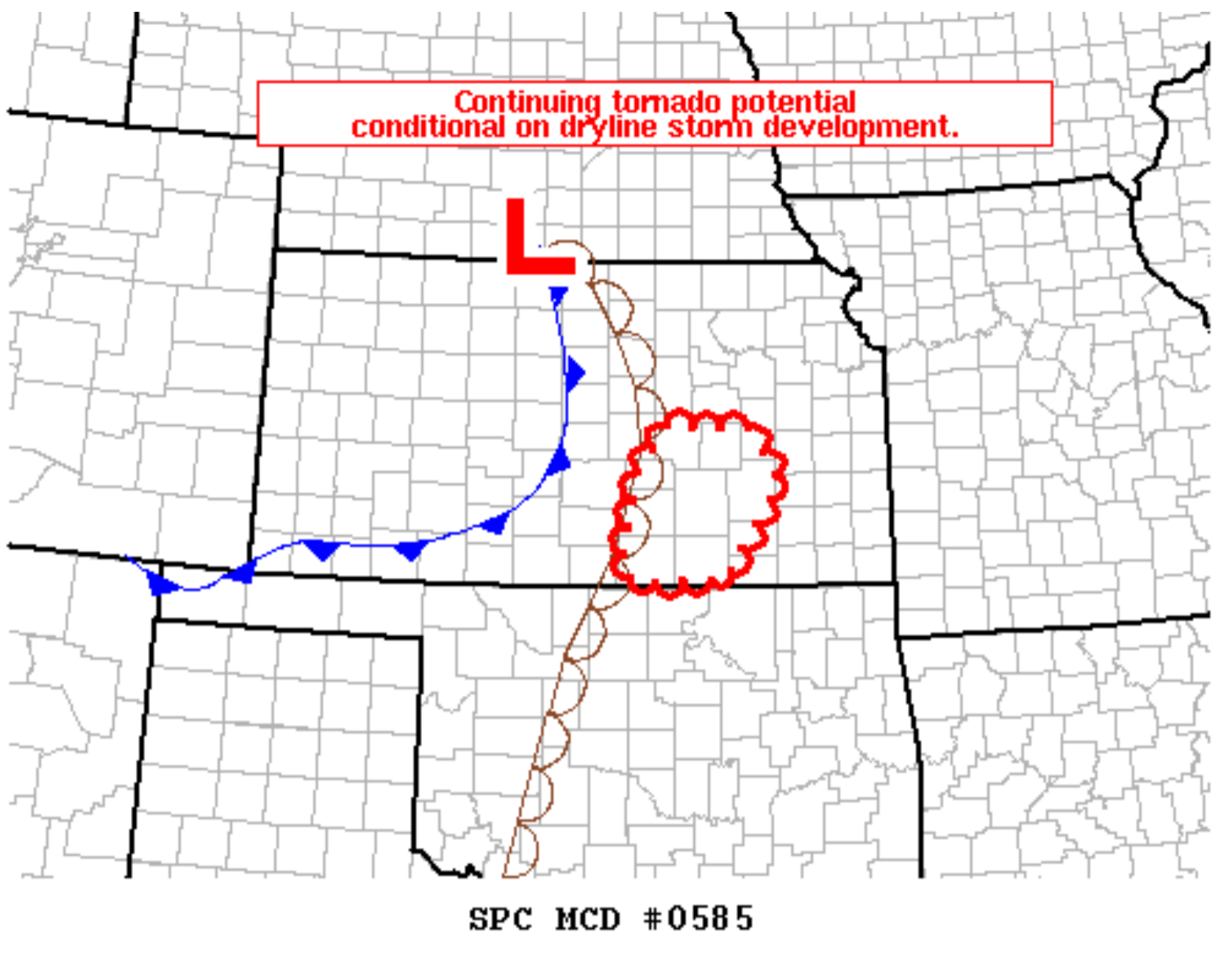


NCEP Quarterly Newsletter

- 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 585

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



Mesoscale Discussion 0585
 NWS Storm Prediction Center Norman OK
 0654 PM CDT Fri Apr 29 2022

Areas affected...Southeast Kansas

Concerning...Tornado Watch [158](#)...

Valid 292354Z - 300130Z

The severe weather threat for Tornado Watch 158 continues.

SUMMARY...A storm or two may still initiate along the dryline west of Wichita. Tornadoes and large/very-large hail would be possible with these discrete storms. Additional convection is possible as the cold front moves through the area later this evening. Convection along the cold front would pose more of a damaging-wind threat.

DISCUSSION...Cumulus development has continued to increase to the west of Wichita. Recent KICT radar imagery shows weak, but steadily increasing reflectivity presentation with this activity. While upper-level forcing is not as strong as to the north, there remains a window over the next few hours where storms could mature this evening. The KICT VWP shows 0-1 km SRH in excess of 200 m2/s2. Tornadoes as well as large to very large hail would be possible with these discrete storms. There does remain some uncertainty on storm coverage as temperature in the warm sector have cooled slightly and objective analysis shows a coincident increase in MLCIN.

Later this evening, the cold front, reinforced by convective outflow, will move through the area. Given the linear forcing, wind damage would then become the primary threat along with a more isolated risk for large hail and QLCS tornadoes.

..Wendt.. 04/29/2022

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

ATTN...WFO...TOP...ICT...

LAT...LON 38059757 38509725 38469625 37969591 37229646 37069653
 37059760 37189776 38059757

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

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