



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

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

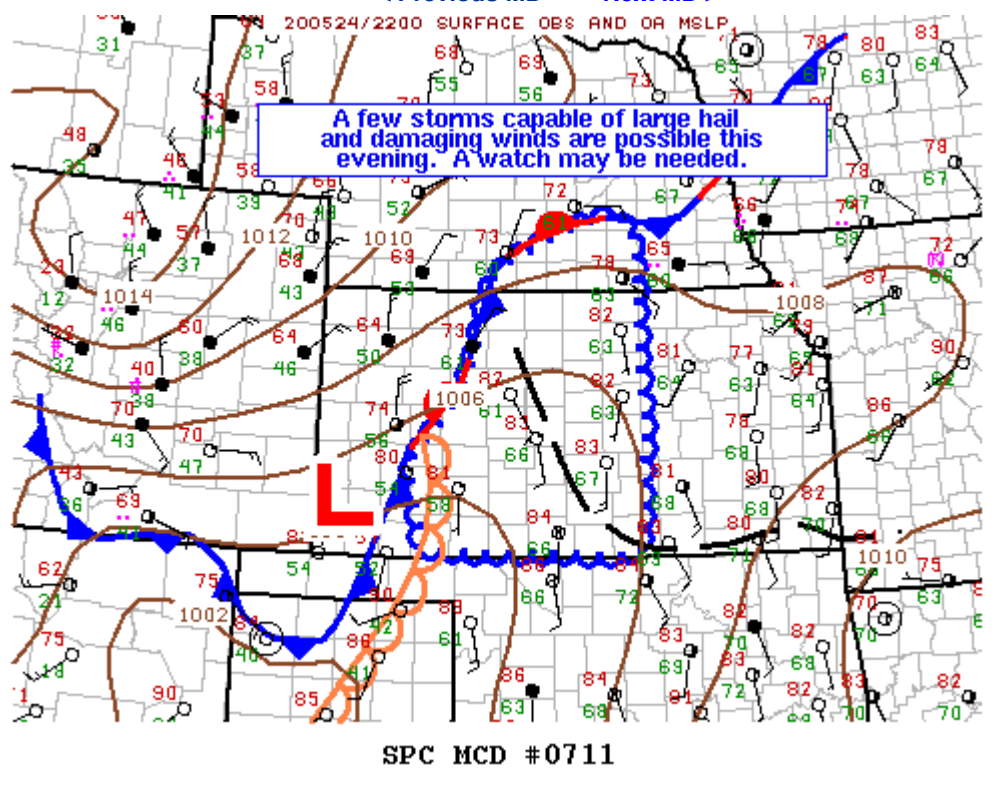
- Education & Outreach
- About the SPC
- SPC FAQ
- About Tornadoes
- About Derechos
- Video Lecture Series
- WCM Page
- Enh. Fujita Page
- Our History
- Public Tours

- Misc.
- Staff
- Contact Us
- SPC Feedback



## Mesoscale Discussion 711

< Previous MD    Next MD >



SPC MCD #0711

Mesoscale Discussion 0711  
 NWS Storm Prediction Center Norman OK  
 0514 PM CDT Sun May 24 2020

Areas affected...kansas into southern Nebraska.

Concerning...Severe potential...Severe Thunderstorm Watch likely

Valid 242214Z - 242345Z

Probability of Watch Issuance...95 percent

SUMMARY...A few severe thunderstorms capable of large hail and damaging winds are likely this evening. A weather watch is likely needed soon.

DISCUSSION...Thunderstorms are forming across portions of Kansas and Nebraska on a stationary/ cold front ahead of diffuse dryline. MLCAPE of 2000-3000 J/kg is present across the warm sector which will support robust updrafts. Mid-level flow is relatively weak, and displaced from the main warm sector. However, 25-35 kt of effective shear will still support storm organization in a mixed mode of supercells and line segments. An outflow boundary from previous convection may also serve as a focus for further storm development across central Kansas. A weather watch will likely be issued shortly.

..Lyons.. 05/24/2020

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

ATTN...WFO...TOP...ICT...GID...DDC...GLD...

LAT...LON    37850064 38210063 38320042 38560016 38999990 39319976  
 39669969 40019963 40289936 40459899 40619863 40799809  
 40839769 40609743 39899741 39229739 38519732 37849738  
 37039743 37049772 37080049 37380049 37850064

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

Weather Topics:

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

National Weather Service • Since 1870

National Weather Service