

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

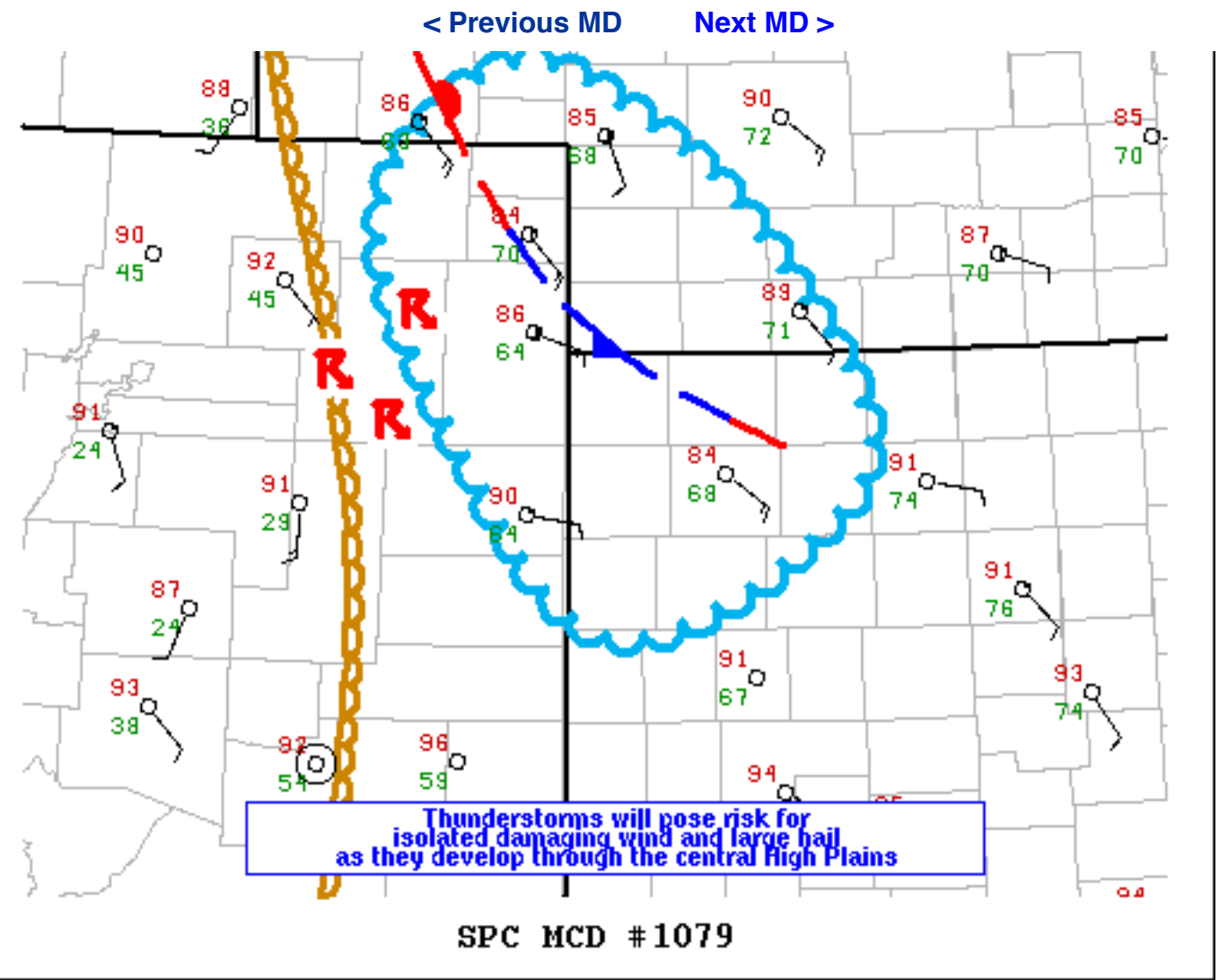
Find us on Facebook  
 SPC on Facebook  
 @NWSSPC  
 NCEP Quarterly Newsletter

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 1079



Mesoscale Discussion 1079  
 NWS Storm Prediction Center Norman OK  
 0244 PM CDT Thu Jul 02 2020

Areas affected...northeast Colorado...southwest Nebraska and northwest Kansas

Concerning...Severe potential...Watch possible

Valid 021944Z - 022115Z

Probability of Watch Issuance...60 percent

SUMMARY...Thunderstorms will pose a risk for isolated damaging wind and large hail as they develop eastward through the central High Plains this afternoon and early evening. Trends are being monitored for a possible severe thunderstorm watch.

DISCUSSION...As of mid afternoon, thunderstorms are in the process of developing in vicinity of a dryline across northeast CO. East of this boundary the atmosphere has become very unstable (3500-4000 J/kg MLCAPE) due to advection of mid to upper 60s F dewpoints beneath eastern fringe of the elevated mixed layer. This region resides within a belt of modest (15-25 kt) deep layer southwesterly winds supportive of multicells. Also to the east, storms may eventually interact with a modifying differential heating boundary that currently resides from southwest NE into northwest KS. Mixed storm modes are expected including some discrete cells, but some upscale growth into clusters and line segments are likely with damaging wind and large hail possible through early evening.

..Dial/Hart.. 07/02/2020

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

ATTN...WFO...LBF...GLD...BOU...CYS...

LAT...LON    39510265 40660319 41370243 41110157 40550083 39450020  
 38650168 39510265

[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