



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

Find us on Facebook
SPC on Facebook

@NWSSPC

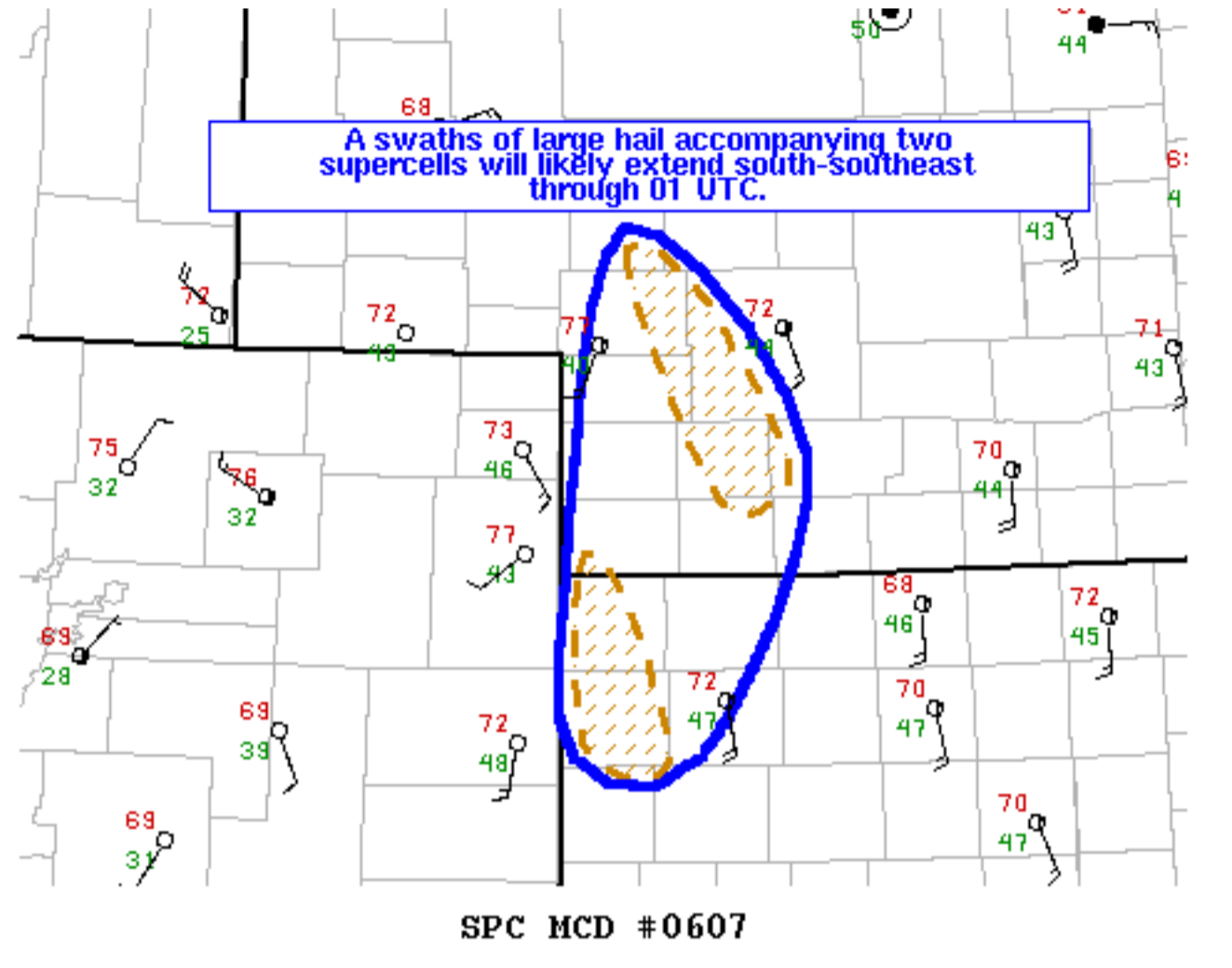
NCEP Quarterly Newsletter

- 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 607

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



Mesoscale Discussion 0607
NWS Storm Prediction Center Norman OK
0608 PM CDT Thu May 13 2021

Areas affected...southwest NE and northwest KS

Concerning...Severe potential...Watch unlikely

Valid 132308Z - 140115Z

Probability of Watch Issuance...20 percent

SUMMARY...Swaths of large hail accompanying two supercells will likely extend south-southeast through 01 UTC. Localized severe gusts may also occur.

DISCUSSION...Latest radar/satellite imagery shows two supercells over the central High Plains within an environment featuring steep low and mid-level lapse rates ahead of a mid-level shortwave trough. Latest Warn-on-Forecast suggests these storms will move south-southeast and probably intensify as the updrafts encounter slightly greater low-level moisture. However, observed storm motion and forecast Bunkers motion shows a more southward-component to motion than WoFs. Consequently, hail production will likely increase over the next hour and possibly maximize between 2330 UTC and 0100 UTC. Expecting hail potential to be highest with the storm over northwest KS (1.0 to 2.0 inches in diameter) with slightly lower overall hail growth potential with the storm west of North Platte.

..Smith/Grams.. 05/13/2021

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

ATTN...WFO...LBF...GLD...

LAT...LON 40000199 41580165 40540056 39180120 39170194 40000199

[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