

Site
Map

News Organization

Search for:

 SPC NCEP All NOAA Local forecast by
"City, St" or "ZIP"

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

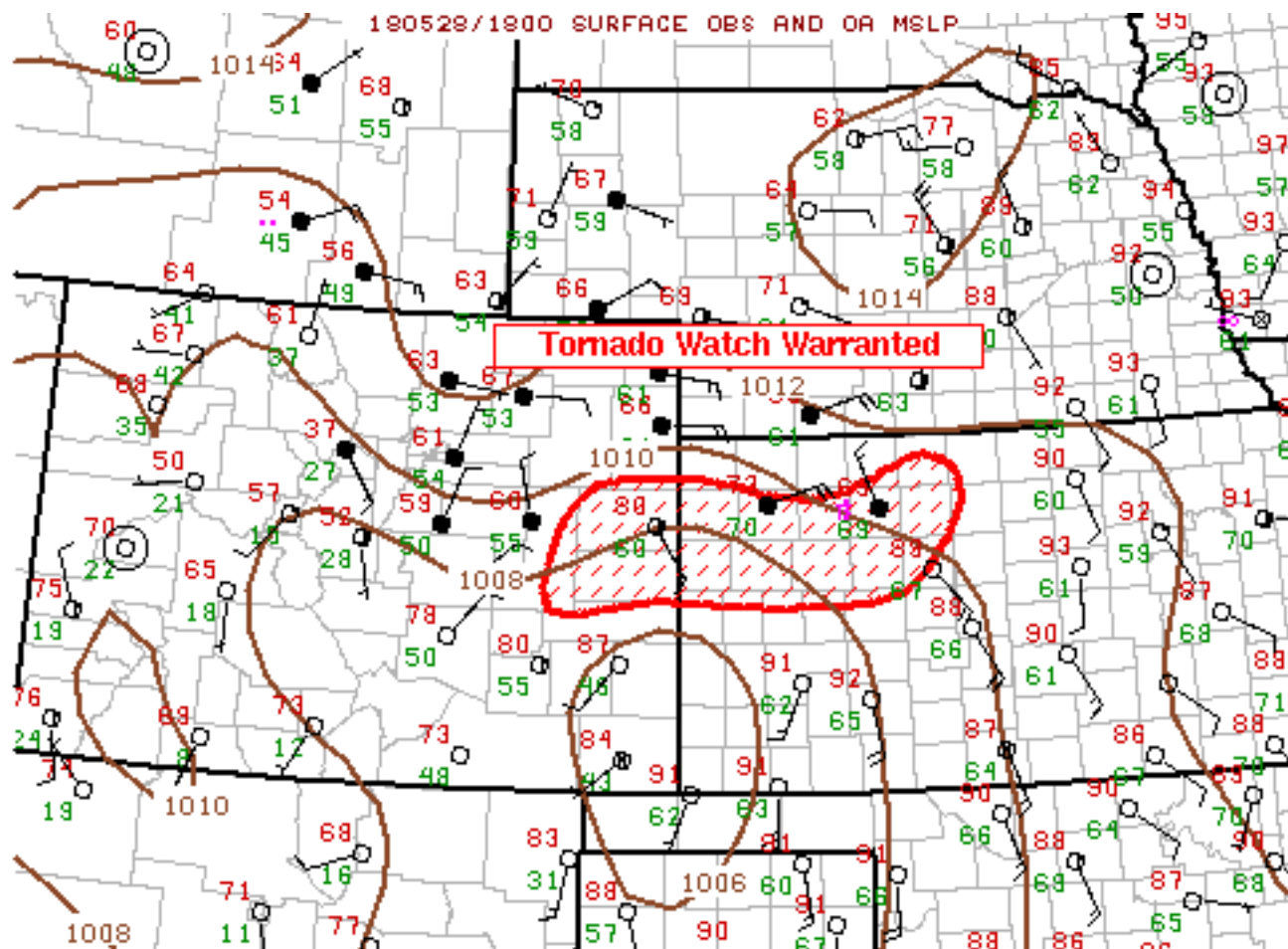
Contact Us

SPC Feedback

Mesoscale Discussion 553

< Previous MD

Next MD >



SPC MCD #0553

Mesoscale Discussion 0553

NWS Storm Prediction Center Norman OK

0146 PM CDT Mon May 28 2018

Areas affected...Northwest KS...Eastern CO

Concerning...Severe potential...Watch likely

Valid 281846Z - 281945Z

Probability of Watch Issuance...95 percent

SUMMARY...Severe threat will increase across the central High Plains from northwest KS into eastern CO over the next few hours. Large hail and a few tornadoes are possible.

DISCUSSION...Early-day convection that developed over southwest NE/northwest KS has drifted east and is maturing into a healthy corridor of supercells from Phillips County to northern Trego County KS. This activity will maintain/enhance a well-defined boundary that is draped into Kit Carson County CO. Deep convection should evolve

west along this boundary over the next few hours as convective temperatures are breached. Strengthening mid-level flow ahead of the upstream short-wave trough will ensure this activity grows upscale into the evening hours. Supercells with large hail and tornadoes can be expected with these storms. Tornado watch will be issued to account for this scenario.

..Darrow/Hart.. 05/28/2018

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

ATTN...WFO...GID...DDC...GLD...PUB...BOU...

LAT...LON 39460312 39640203 39450049 39819933 39449893 38689958
38550081 38600229 38530343 39460312

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

Weather Topics:

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

NOAA / National Weather Service
National Centers for Environmental Prediction
Storm Prediction Center
120 David L. Boren Blvd.
Norman, OK 73072 U.S.A.
spc.feedback@noaa.gov
Page last modified: May 28, 2018

[Disclaimer](#)
[Information Quality](#)
[Help](#)
[Glossary](#)

[Privacy Policy](#)
[Freedom of Information Act \(FOIA\)](#)
[About Us](#)
[Career Opportunities](#)