

Site
Map

News Organization

Search for:

 SPC NCEP All NOAA

Go

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

City, St

Go

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

Watch/Warning 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

WCM Page

Enh. Fujita Page

Our History

Public Tours

Misc.

Staff

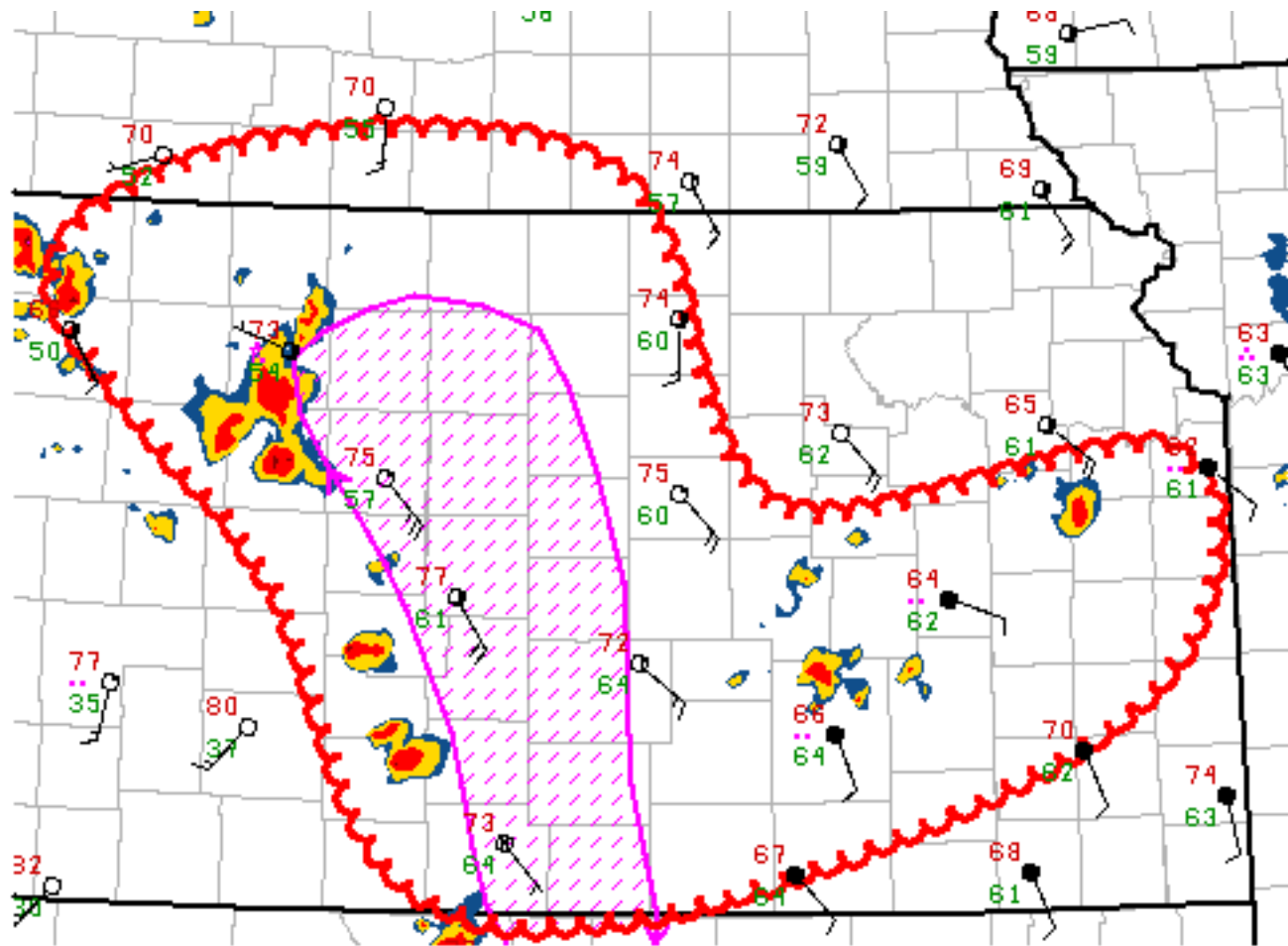
Contact Us

SPC Feedback

Mesoscale Discussion 560

< Previous MD

Next MD >



SPC MCD #0560

MESOSCALE DISCUSSION 0560

NWS STORM PREDICTION CENTER NORMAN OK

0633 PM CDT SUN MAY 08 2016

AREAS AFFECTED...PORTIONS OF KS AND FAR SOUTHERN NEB

CONCERNING...TORNADO WATCH 150...

VALID 082333Z - 090100Z

THE SEVERE WEATHER THREAT FOR TORNADO WATCH 150 CONTINUES.

SUMMARY...LARGE HAIL/TORNADO POTENTIAL SHOULD CONTINUE TO INCREASE THROUGH EARLY EVENING /THROUGH 01-02Z/ ACROSS MUCH OF CENTRAL KS AS STORMS GENERALLY MOVE NORTHEASTWARD. TORNADO WATCH 150 CONTINUES UNTIL 03Z/10 PM CDT. PORTIONS OF EAST-CENTRAL KS WILL CONTINUE TO BE MONITORED FOR A SPATIAL WATCH EXTENSION OR NEW WATCH...FOR MAINLY AN ISOLATED SEVERE HAIL RISK.

DISCUSSION...LATEST MESOANALYSIS FEATURES A SURFACE LOW ACROSS SOUTHWEST KS WITH A NORTHEASTWARD-EXTENDING WARM FRONT ACROSS



WEST-CENTRAL KS INTO FAR SOUTHERN NEB...WITH A SOUTHWARD-EXTENDING DRYLINE SLOWLY ADVANCING EAST-NORTHEAST TOWARD SOUTH-CENTRAL KS /WEST OF THE GREAT BEND-PRATT-MEDICINE LODGE AREAS AS OF 23Z/. A ZONE OF CLOUDY/RAIN-COOLED AIR IS ALSO A FACTOR ALONG AND EAST OF I-35/I-135 AND THE KS TURNPIKE VICINITY.

WIDELY SCATTERED STRONG/SEVERE THUNDERSTORMS WILL CONTINUE TO DEVELOP IN VICINITY OF THE DRYLINE ACROSS SOUTH-CENTRAL KS...WITH LOWER/SOME MIDDLE 60S F SURFACE DEWPOINTS RESIDE...WHILE A MORE COMPLEX/LESS DISCRETE SUPERCELLULAR MODE SHOULD CONTINUE TO EVOLVE ACROSS WEST-CENTRAL/NORTH-CENTRAL KS IN VICINITY OF THE WARM FRONT. COINCIDENT WITH MODEST PRESSURE FALLS...SURFACE WINDS CONTINUE TO BACK SOUTHEASTERLY ACROSS THE MAJORITY OF CENTRAL KS. WHILE CURVING LOW-LEVEL HODOGRAPHS ARE OBSERVED IN REGIONAL WSR-88D VWP DATA FROM WICHITA/DODGE CITY/VANCE AIR FORCE BASE...LOWER-TROPOSPHERIC WIND SPEEDS ARE NOT CURRENTLY OVERLY STRONG AS OF 23Z...ALTHOUGH NONETHELESS SUPPORTIVE OF A TORNADO RISK. THAT SAID...LOW-LEVEL WINDS ARE EXPECTED TO STRENGTHEN PARTICULARLY AFTER 00Z...WHICH COULD ACCOUNT FOR AN INCREASING TORNADO RISK /PERHAPS EVEN A STRONG TORNADO OR TWO/ ESPECIALLY ACROSS PARTS OF WEST-CENTRAL INTO NORTH-CENTRAL KS AND POSSIBLY SOUTH-CENTRAL KS.

FARTHER EAST...ISOLATED STRONG-TO-SEVERE/GENERALLY ELEVATED THUNDERSTORMS MAY PERSIST/SPREAD EAST-NORTHEAST ACROSS EAST-CENTRAL KS THROUGH EARLY EVENING. DAMAGING WIND/TORNADO POTENTIAL SHOULD REMAIN LIMITED BY THE COOL NATURE OF THE BOUNDARY LAYER...BUT ISOLATED SEVERE HAIL WILL BE POSSIBLE. CONVECTIVE TRENDS WILL CONTINUE TO BE MONITORED ACROSS EASTERN KS.

..GUYER.. 05/08/2016

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

LAT...LON 39130070 39740115 40260002 40169799 38729716 38929492
37919510 37109737 37109905 38409986 39130070

[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 09, 2016

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

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