



Site Map

News Organization

Search for:

SPC

NCEP

All NOAA

Go

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

Go

Find us on Facebook

SPC on Facebook

@NWSSPC

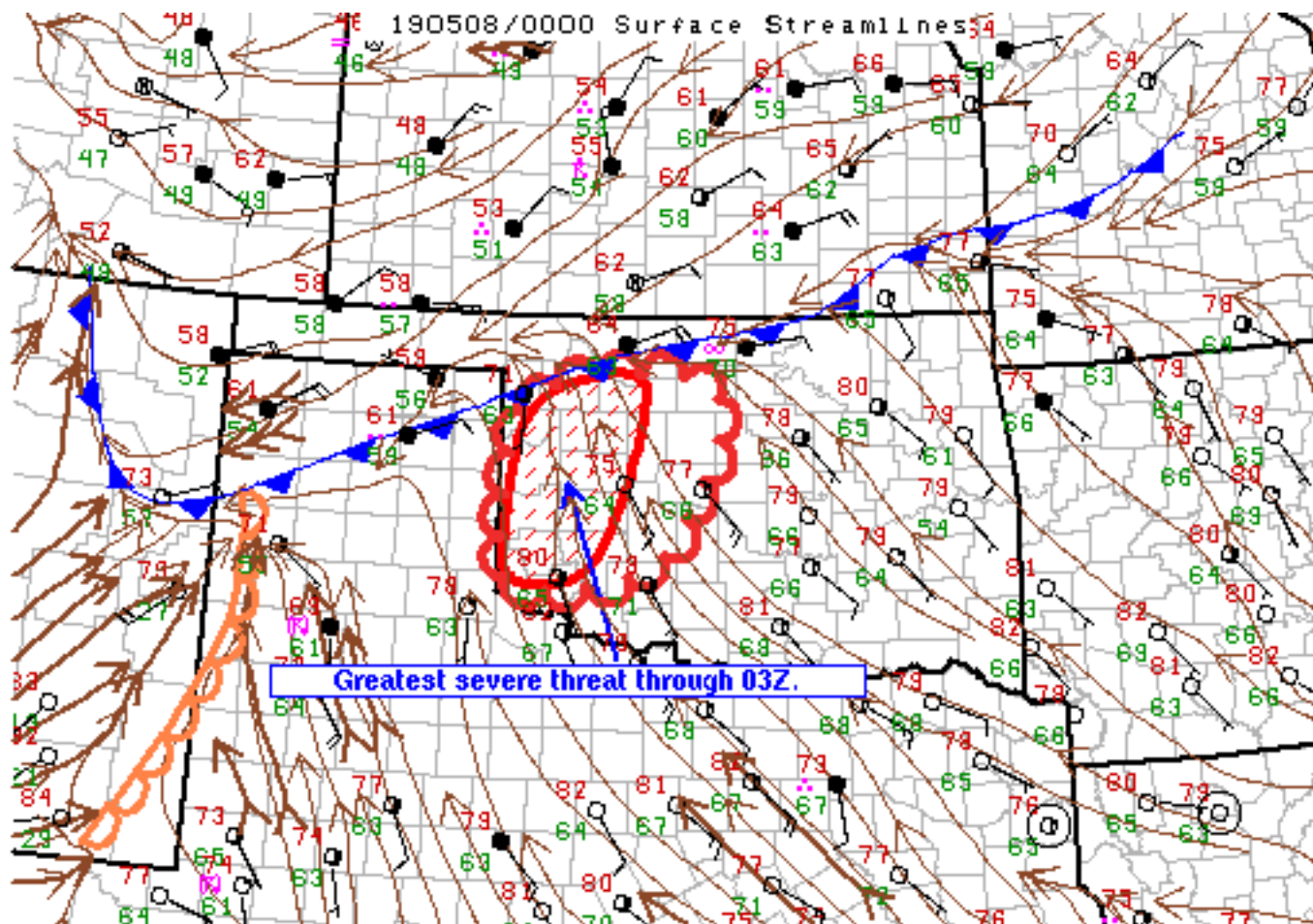
NCEP Quarterly Newsletter

- 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 578

[< Previous MD](#)   [Next MD >](#)



SPC MCD #0578

Mesoscale Discussion 0578  
 NWS Storm Prediction Center Norman OK  
 0810 PM CDT Tue May 07 2019

Areas affected...western Oklahoma

Concerning...Tornado Watch 148...

Valid 080110Z - 080245Z

The severe weather threat for Tornado Watch 148 continues.

SUMMARY...Severe threat including potential for isolated tornadoes will persist over western OK this evening. Greatest threat through 03Z is expected to remain over the western half of WW 148.

DISCUSSION...Storms have recently increased along the TX Panhandle/Oklahoma border, and other storms persist along a confluence boundary across western OK. Trends in VWP data from Frederick show a gradual increase winds in the lowest 2 km, and size of low-level hodographs should continue to increase as the low-level



jet strengthens this evening. The best window of opportunity for tornadoes over western OK will exist next couple hours while storms are still discrete and coincident with increasing low-level shear, and before the surface layer undergoes more significant stabilization.

..Dial.. 05/08/2019

...Please see [www.spc.noaa.gov](http://www.spc.noaa.gov) for graphic product...

ATTN...WFO...OUN...

LAT...LON 35409993 36189973 36469900 36449788 36039761 35029814  
34689864 34659985 35409993

[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](mailto:spc.feedback@noaa.gov)  
Page last modified: May 08, 2019

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

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