



# Storm Prediction Center

Site Map

News

Organization

Search for:   SPC  NCEP  All NOAA

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

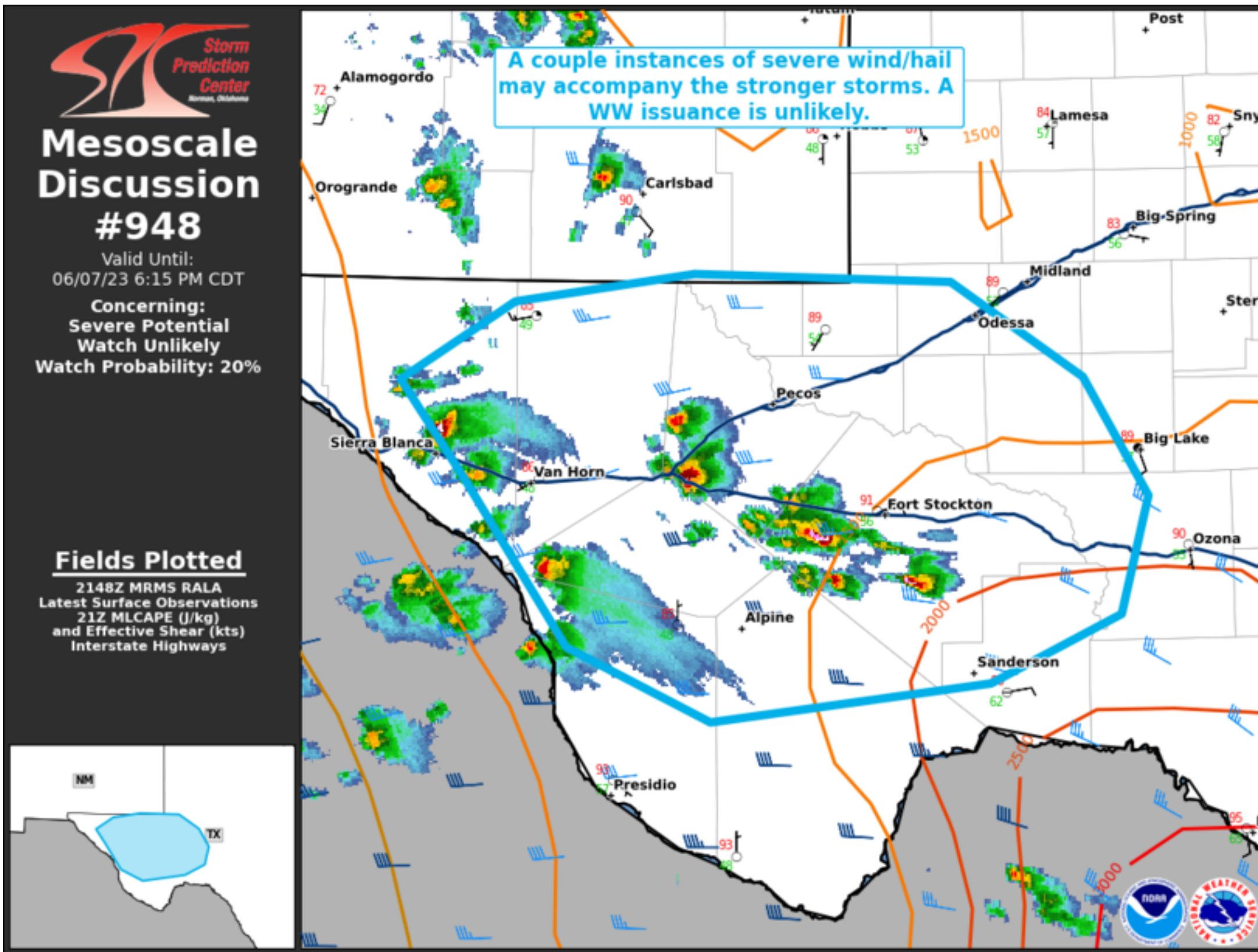
- Education & Outreach
- About the SPC
- SPC FAQ
- About Tornadoes
- About Derechos
- Video Lecture Series
- WCM Page
- Enh. Fujita Page
- Our History
- Public Tours

- Misc.
- Staff
- Contact Us
- SPC Feedback



## Mesoscale Discussion 948

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



**Mesoscale Discussion #948**  
 Valid Until: 06/07/23 6:15 PM CDT  
 Concerning: Severe Potential  
 Watch Unlikely  
 Watch Probability: 20%

**Fields Plotted**  
 2148Z MRMS RALA  
 Latest Surface Observations  
 21Z MLCAPE (J/kg)  
 and Effective Shear (kts)  
 Interstate Highways

Mesoscale Discussion 0948  
 NWS Storm Prediction Center Norman OK  
 0450 PM CDT Wed Jun 07 2023

Areas affected...portions of southwestern Texas

Concerning...Severe potential...Watch unlikely

Valid 072150Z - 072315Z

Probability of Watch Issuance...20 percent

**SUMMARY**...Occasional instances of severe hail and wind are possible with the stronger storms through the remainder of the afternoon into early evening. The severe threat is expected to remain isolated enough such that a WW issuance appears unlikely.

**DISCUSSION**...Multiple multicell clusters and supercells have developed over the past hour across the TX Trans Pecos region. A mid-level shortwave trough and associated 7-8 C/km mid-level lapse rates continue to overspread upper 50s/low 60s F dewpoints, resulting in increasing buoyancy (1000+ J/kg MLCAPE) and deep-layer ascent to support the continued intensification of storms. Modest mid-level flow is also overspreading southwestern Texas, resulting in lengthy hodographs and accompanying 35-45 kts of effective bulk shear. Large hail may accompany the stronger storms, with severe gusts also possible (given the well-mixed boundary layer and 9+ C/km low-level lapse rates). However, the overall severe threat should remain relatively isolated and a WW issuance is not currently expected.

..Squitieri/Hart.. 06/07/2023

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

ATTN...WFO...SJT...MAF...EPZ...

LAT...LON 30250461 31060520 31520556 31900493 32030393 32000250  
 31530176 30970141 30410157 30080230 29910382 30250461

[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 • Since 1870