



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

City, St Go

Find us on Facebook SPC on Facebook

@NWSSPC

NCEP Quarterly Newsletter

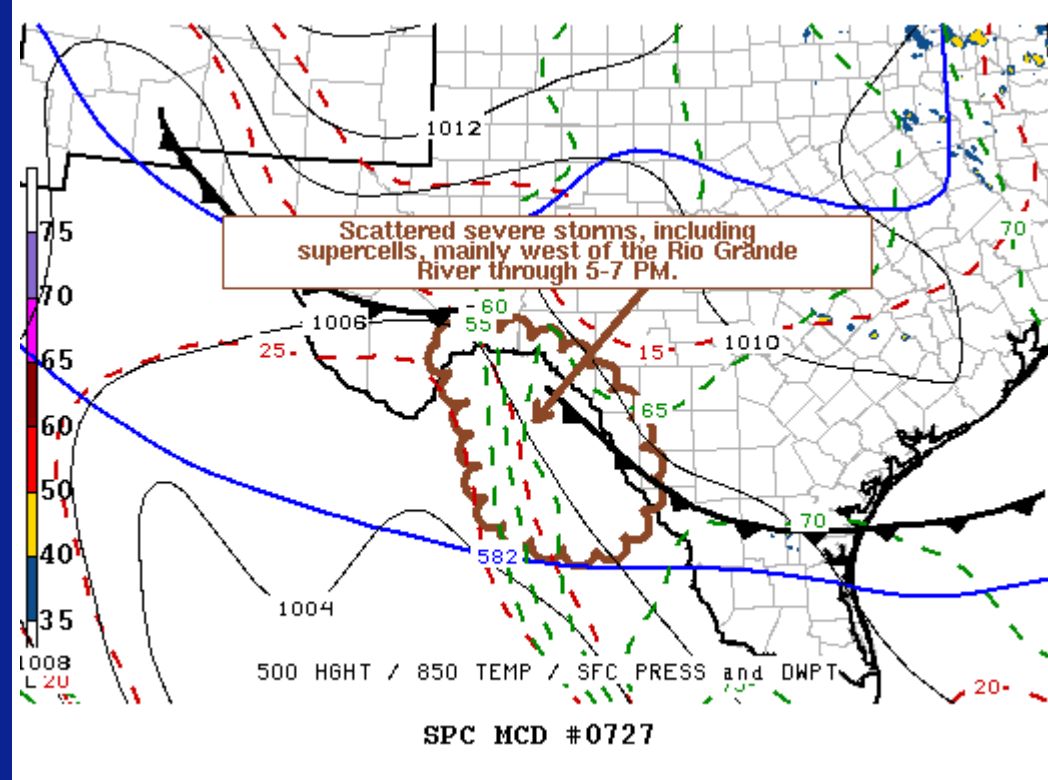
- Home (Classic)
- SPC Products
- All SPC Forecasts
- Current Watches
- Meso. Discussions
- Conv. Outlooks
- Tstm. Outlooks
- Fire Wx Outlooks
- RSS Feeds
- E-Mail Alerts
- Weather Information
- Storm Reports
- Storm Reports Dev.
- NWS Hazards Map
- National RADAR
- Product Archive
- NOAA Weather Radio

- 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 727

< Previous MD Next MD >



Mesoscale Discussion 0727
 NWS Storm Prediction Center Norman OK
 0319 PM CDT Mon May 25 2020

Areas affected...Texas Big Bend and Rio Grande River vicinity

Concerning...Severe potential...Watch possible

Valid 252019Z - 252215Z

Probability of Watch Issuance...40 percent

SUMMARY...Scattered severe storms, including supercells, are possible, mainly across parts of northern Coahuila through 5-7 PM CDT. Some of these storms may approach areas near the Rio Grande River, but it is not clear that storms progressing to the east of the river will be able to maintain intensity, at least through early evening.

DISCUSSION...Attempts at sustained deep convective development are underway, where low-level convergence is focused along the higher terrain of northern Coahuila into areas southwest of Sanderson TX. This is where strong heating of a moist boundary layer (with lower/mid 60s F dew points) appears to be contributing to CAPE of 2000+ J/kg in the presence of modestly steep mid-level lapse rates.

Aided by large-scale ascent spreading across and southeast of the Texas Big Bend region, downstream of an approaching short wave trough, lingering mid-level inhibition is expected to continue to weaken through 22-00Z. As it does, thunderstorms are expected to initiate and intensify, beneath strengthening west-northwesterly mid/upper flow (including 35-40 kt at 500 mb and 50-70 kt at 300 mb).

Discrete supercells are likely at least initially, primarily accompanied by a risk for large hail. Some of these storms will tend to propagate off the higher terrain toward the Rio Grande River vicinity, near and south-southeast of Del Rio, TX. However, to the west-northwest of Cotulla, TX, less unstable updraft inflow probably will tend to result in weakening trends/diminishing severe weather potential east of the river.

..Kerr/Hart.. 05/25/2020

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

ATTN...WFO...CRP...EWX...MAF...

LAT...LON 29190245 29870285 30040207 29610074 28369996 27480058
 27770195 28590230 29190245

[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