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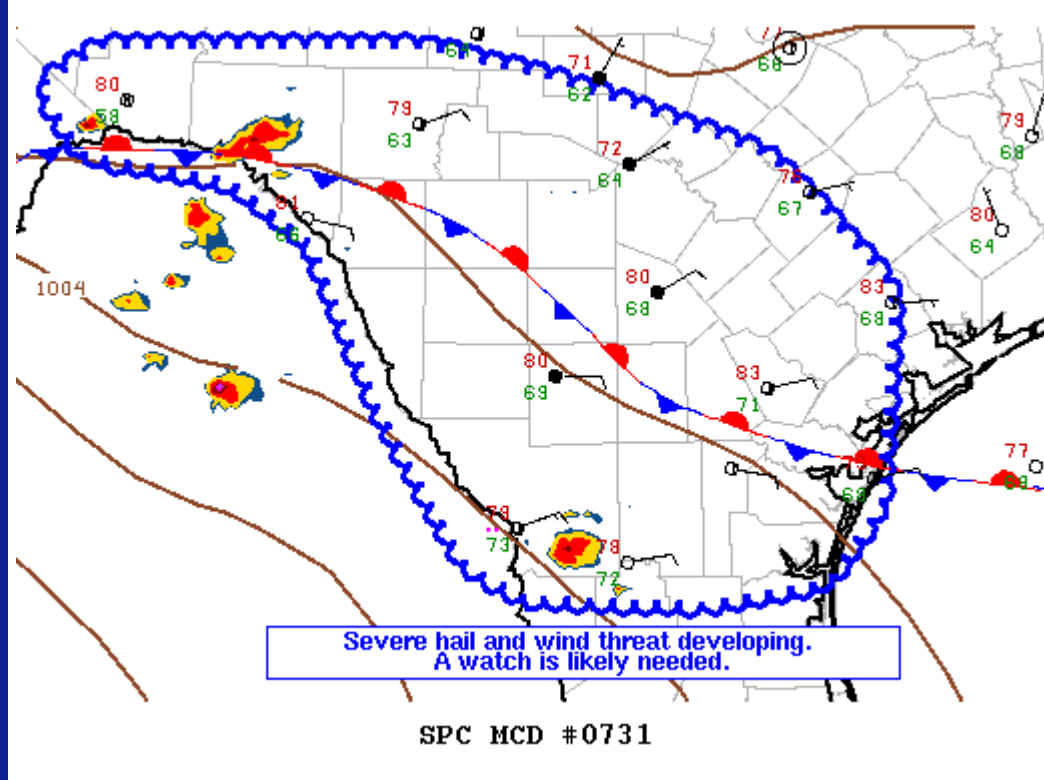
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Mesoscale Discussion 731

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Mesoscale Discussion 0731
 NWS Storm Prediction Center Norman OK
 0725 PM CDT Mon May 25 2020

Areas affected...Rio Grande and South Texas

Concerning...Severe potential...Watch likely

Valid 260025Z - 260130Z

Probability of Watch Issuance...95 percent

SUMMARY...A recent uptick in convective activity has been noted across the Texas Big Bend Region. Storms in northern Mexico are likely to cross the international border and grow upscale into an MCS this evening. Severe hail and wind will be likely, and a watch will be needed within the hour.

DISCUSSION...A slow moving, mid-level shortwave trough is helping to increase convective coverage across the eastern Mexican Plateau, and Texas Big Bend Region. Mid-level flow ahead of the wave is supporting long straight hodographs with 35 to 40 kts of effective shear on proximity RAP soundings. Given the ample instability, 2000-3000 J/kg of MLCAPE, organized multicells and splitting supercells are likely to continue across the area. Hail will be the initial threat with stronger storms, but upscale growth appears likely with storm motion vectors paralleling a stalled front/outflow boundary across south Texas. This suggests an MCS will likely develop with a threat for damaging winds through this evening. A watch is likely needed within the hour.

..Lyons/Guyer.. 05/26/2020

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

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