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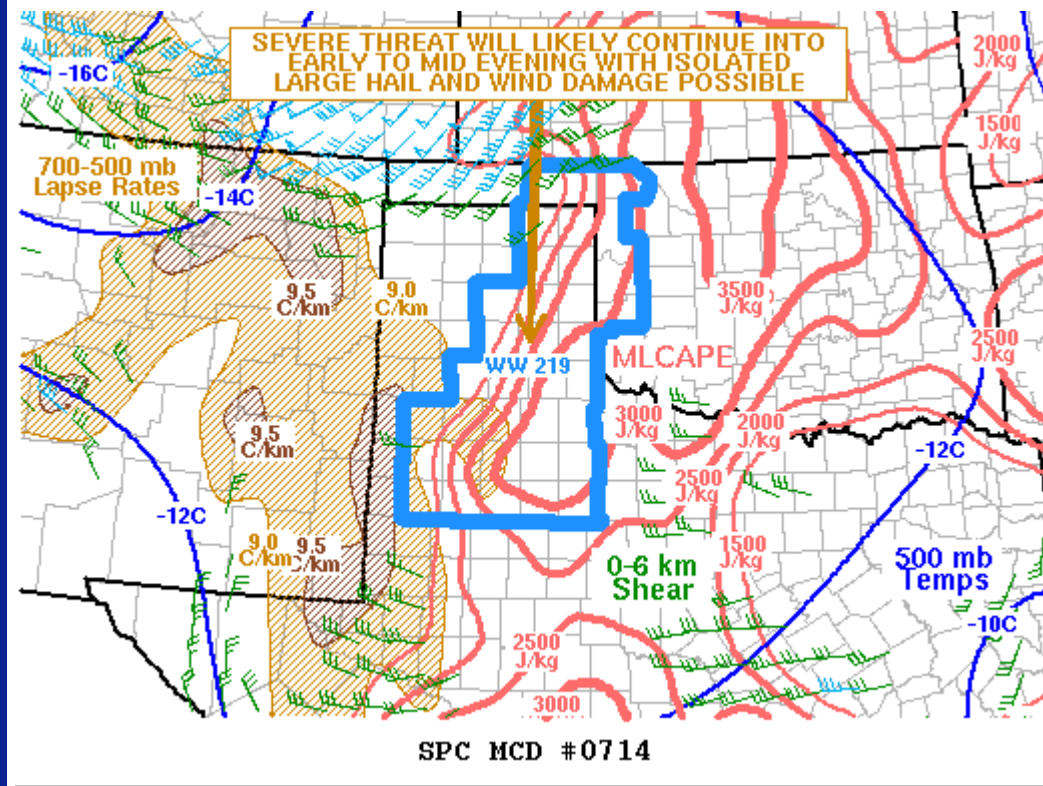
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Mesoscale Discussion 714

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Mesoscale Discussion 0714
NWS Storm Prediction Center Norman OK
0639 PM CDT Sun May 24 2020

Areas affected...West Texas...Texas Panhandle and Western Oklahoma

Concerning...Severe Thunderstorm Watch 219...

Valid 242339Z - 250145Z

The severe weather threat for Severe Thunderstorm Watch 219 continues.

SUMMARY...A severe threat will continue from the eastern Texas Panhandle southward into west Texas through the early and mid evening. The threat should eventually affect far western Oklahoma and the Low Rolling Plains.

DISCUSSION...Latest radar shows a line of strong to severe thunderstorms with a couple gaps in the line in the southern Texas Panhandle. To the east of this line of storms, a moist airmass is in place with surface dewpoints in the 60s F. The RAP is showing MLCAPE value now in the 3000 to 3500 J/kg range from the Low Rolling Plains northeastward in the southeast Texas Panhandle and western Oklahoma. Regional WSR-88D WVPs generally have 0-6 km shear in the 25 to 35 kt range suggesting that most of the storms will remain multicellular. This combined with 700-500 mb lapse rates in the 8.0 to 8.50 C/km range suggests that multicells should be capable of isolated large hail. The stronger parts of the line will also be associated with strong wind gusts, some that could reach severe limits.

..Broyles.. 05/24/2020

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

ATTN...WFO...OUN...SJT...LUB...AMA...MAF...

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	35630169	35640106	36520110	36530095	36960094	36979947
	36839923	36599928	36599958	36149959	36139936	35139935
	35149981	35029979	35040001	34240000	34190005	33850002
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