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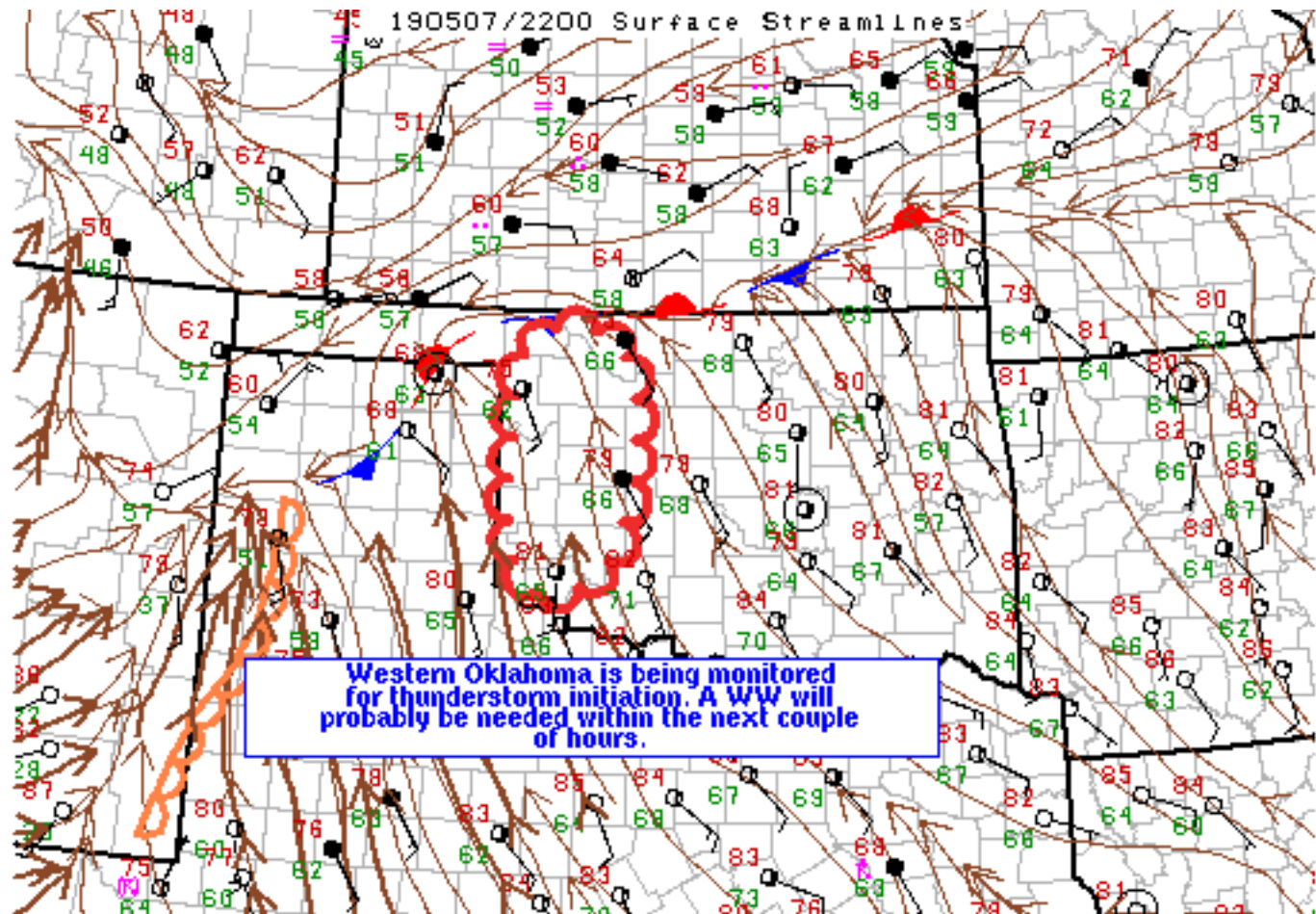
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SPC MCD #0575

Mesoscale Discussion 0575

NWS Storm Prediction Center Norman OK

0524 PM CDT Tue May 07 2019

Areas affected...western Oklahoma

Concerning...Severe potential...Tornado Watch likely

Valid 072224Z - 072330Z

Probability of Watch Issuance...95 percent

SUMMARY...Western Oklahoma is being monitored for thunderstorm initiation. Supercells capable of tornadoes and large hail will be the initial primary threats. A tornado watch will likely be needed soon.

DISCUSSION...Early this evening, visible imagery shows a band of deepening cumulus along what appears to be a confluence boundary. With temperatures in the upper 70s to near 80, the surface layer is only weakly capped, and discrete storms will probably develop soon



within the moderately unstable warm sector. VWP data show only modest vertical wind profiles, but both deep shear and size of low-level hodographs will increase during the early evening as the low-level jet strengthens in advance of an approaching mid-level jet.

..Dial/Grams.. 05/07/2019

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

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

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