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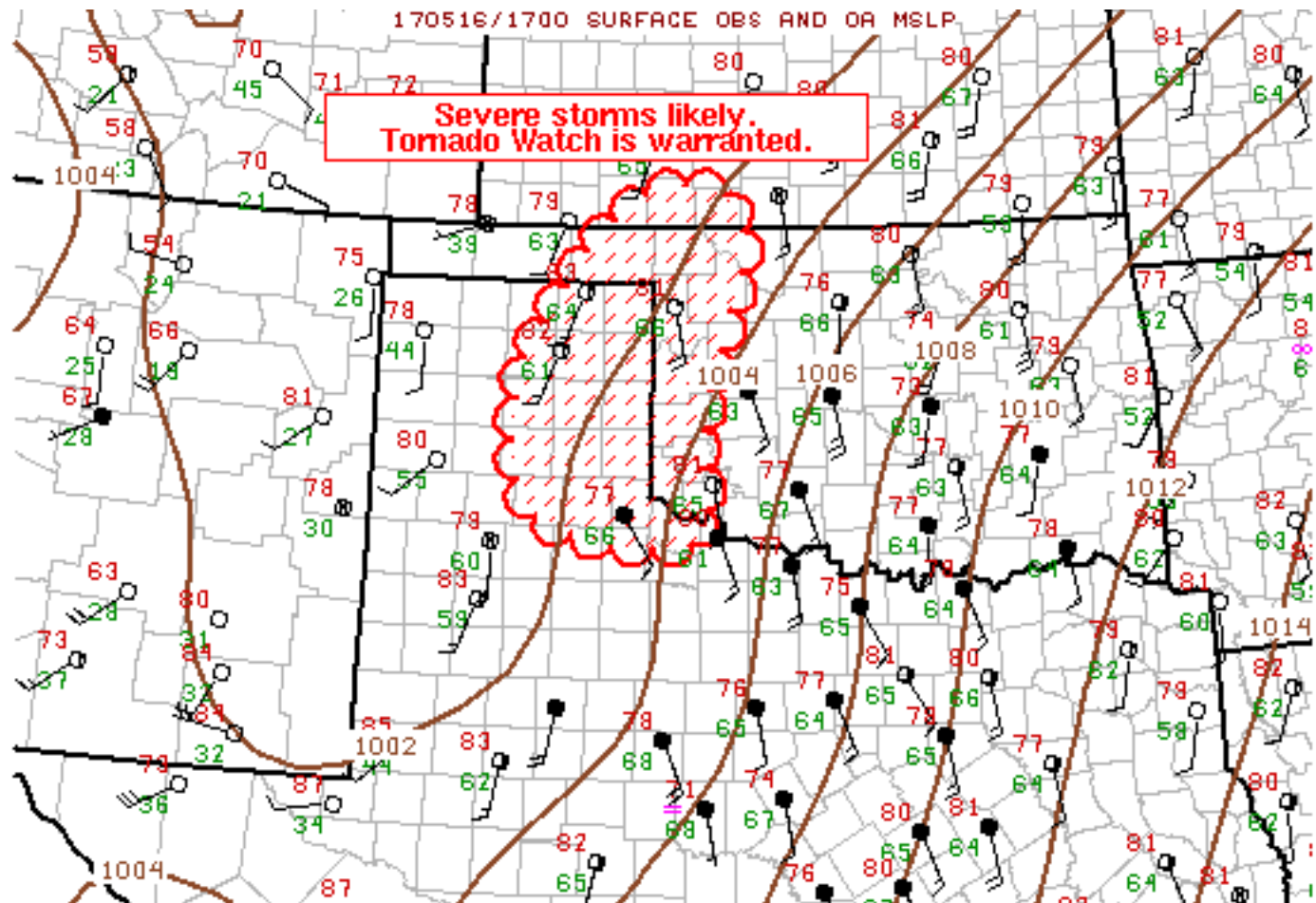
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Mesoscale Discussion 730

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SPC MCD #0730

Mesoscale Discussion 0730

NWS Storm Prediction Center Norman OK

0119 PM CDT Tue May 16 2017

Areas affected...eastern tx/ok panhandle...western ok

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

Valid 161819Z - 161915Z

Probability of Watch Issuance...95 percent

SUMMARY...Severe thunderstorms will develop across the eastern TX/OK Panhandles over the next few hours. Tornadoes are expected with this activity, along with very large hail and severe wind gusts. Tornado watch will be issued by mid afternoon.

DISCUSSION...Latest visible satellite imagery suggests large-scale forcing for ascent is spreading across the southern Rockies, per marked increase in showers and thunderstorms over western/central NM. Downstream, dry line has mixed east and is becoming well

defined over the TX Panhandle/South Plains region with substantial boundary-layer cu immediately east of the dry line. Towering cu, and a few attempts at glaciation, are noted over Hutchinson/Hansford/Ochiltree Counties. There is increasing confidence supercells will develop across the eastern TX/OK Panhandles by mid afternoon with subsequent movement expected into western portions of OK/southwest KS into the evening. Environmental conditions appear favorable for tornadoes and very large hail as steep lapse rates are evident on 12z soundings and surface dew points have now risen into the mid 60s. Environmental conditions appear favorable for a few strong tornadoes.

..Darrow/Hart.. 05/16/2017

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

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