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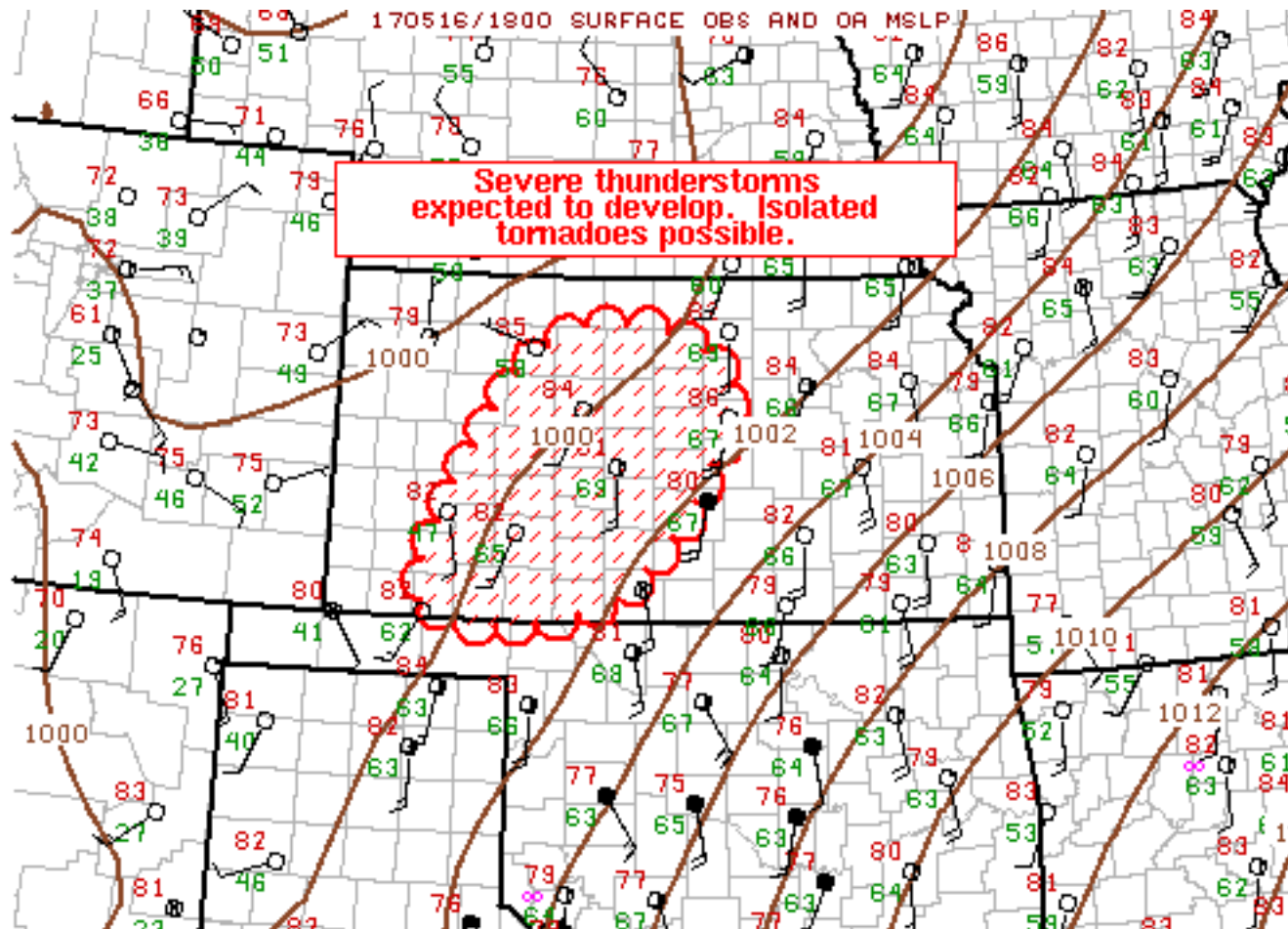
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Mesoscale Discussion 731

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SPC MCD #0731

Mesoscale Discussion 0731

NWS Storm Prediction Center Norman OK

0203 PM CDT Tue May 16 2017

Areas affected...western/central ks

Concerning...Severe potential...Watch likely

Valid 161903Z - 161930Z

Probability of Watch Issuance...95 percent

SUMMARY...Severe thunderstorms are expected to develop across much of western and central Kansas this afternoon. Large hail and isolated tornadoes are likely, along with some damaging winds. Tornado watch will be issued shortly.

DISCUSSION...Higher quality boundary-layer moisture is advecting north across the central Plains early this afternoon, per deepening/expanding cu field. Dry line should sharpen and retreat slightly over western Kansas over the next few hours and supercells

are expected to develop beneath agitated mid-level convection currently expanding across this region. It's not entirely clear what is causing this mid-level convection but low-level moistening, and cooling aloft should minimize CINH such that convection should increase and expand northeast into the early evening hours. Very large hail and isolated tornadoes appear likely.

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

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

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