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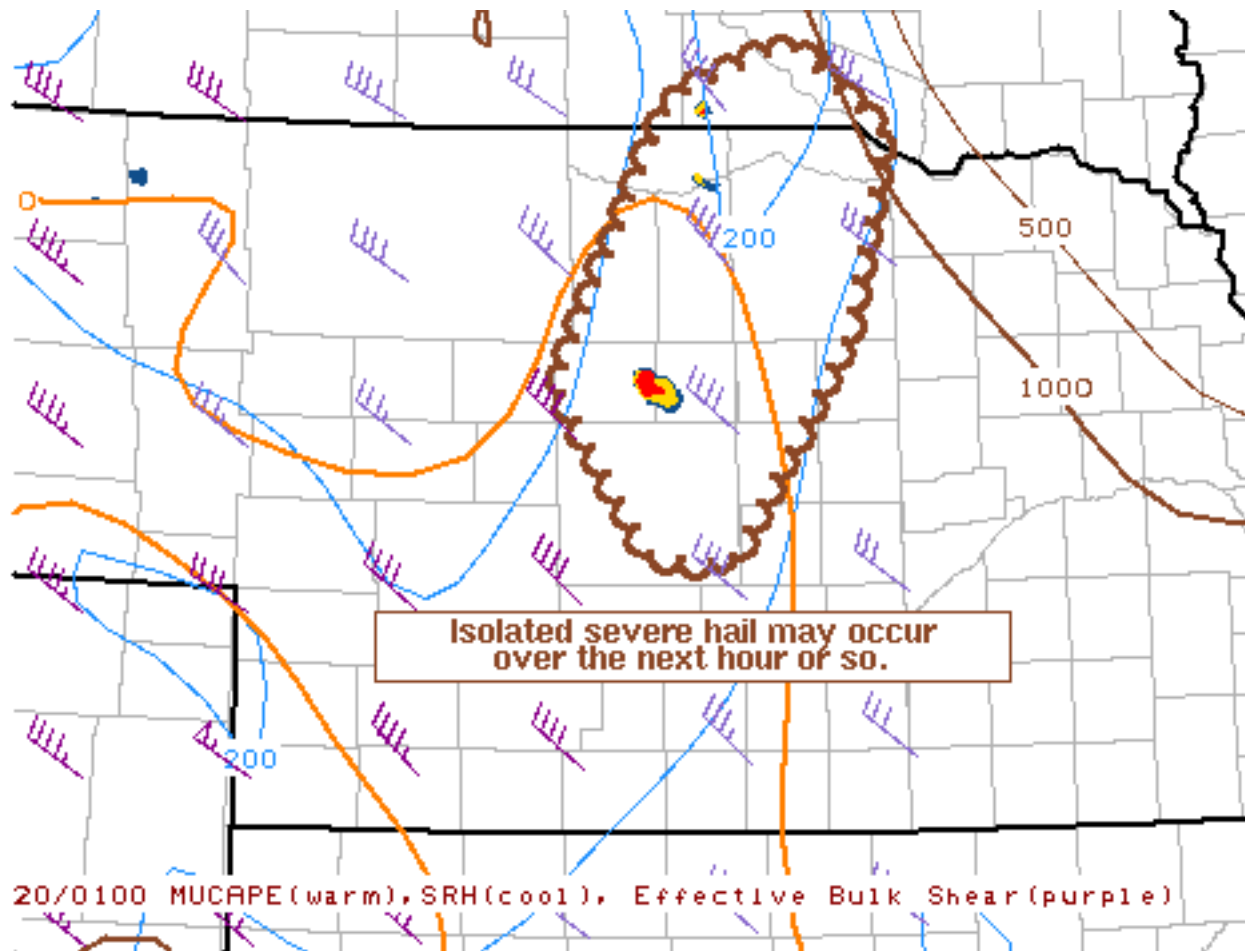
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SPC MCD #1147

Mesoscale Discussion 1147

NWS Storm Prediction Center Norman OK

0816 PM CDT Wed Jun 19 2019

Areas affected...Far southern South Dakota into central Nebraska

Concerning...Severe potential...Watch unlikely

Valid 200116Z - 200245Z

Probability of Watch Issuance...5 percent

SUMMARY...Very isolated severe hail may occur with the more intense updrafts. The severe threat should begin to wane soon with the onset of nocturnal cooling and increasing inhibition. A WW issuance is not expected.

DISCUSSION...Discrete storm development (with a few occasional supercell structures), has been ongoing over the past few hours across portions of the northern Plains, in association with a mid-level vort max glancing the area. Most recently, 1.75 inch hail



has been reported with a supercell in Blaine County, Nebraska. These storms are persisting in a moderately sheared/buoyant atmosphere, which may support continued severe hail production with the stronger storms, until convective inhibition sets in. In the next couple of hours, nocturnal cooling will lead to increased stabilization, with the boundary layer decoupling from the free atmosphere and increased CINH. As such, a gradual waning of the isolated severe threat is expected to commence soon and as such, a WW issuance is not anticipated.

..Squitieri/Edwards.. 06/20/2019

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

ATTN...WFO...FSD...GID...LBF...UNR...

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