



Local forecast by "City, St" or "ZIP"

City, St



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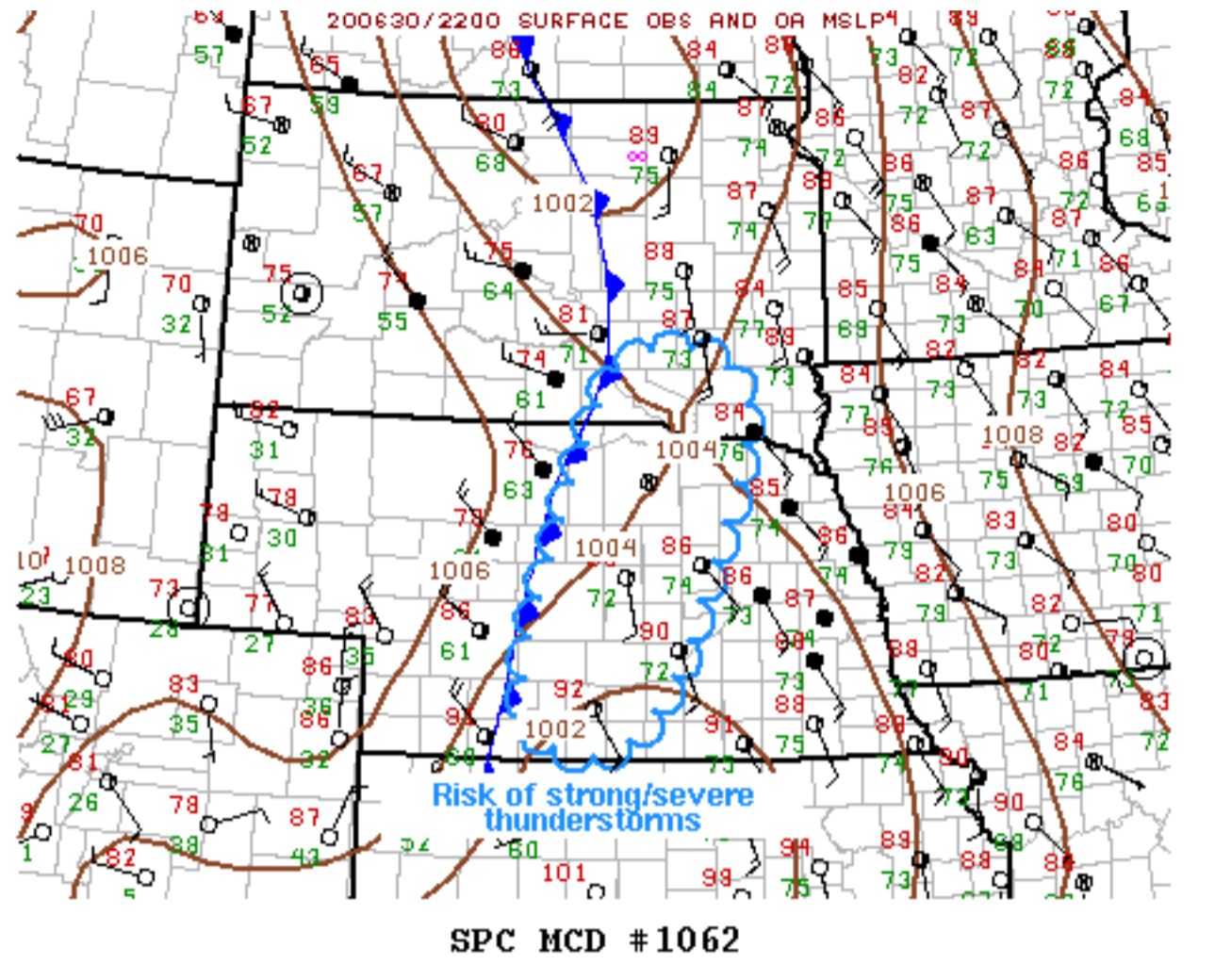
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Mesoscale Discussion 1062

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SPC MCD #1062

Mesoscale Discussion 1062
NWS Storm Prediction Center Norman OK
0548 PM CDT Tue Jun 30 2020

Areas affected...Central Plains

Concerning...Severe potential...Watch likely

Valid 302248Z - 010015Z

Probability of Watch Issuance...80 percent

SUMMARY...Scattered strong/severe thunderstorms are expected along a cold front as it sweeps across the central Plains this evening. Hail/wind are the main threats.

DISCUSSION...Strong mid-level short-wave trough is ejecting across the central High Plains early this evening. Latest satellite imagery suggests the leading edge of stronger forcing arcs from the NE Panhandle - eastern CO. Forcing, in association with this feature, will approach the cold front oriented N-S across the central Plains over the next few hours. Strong boundary-layer heating has developed across KS into south-central NE; however, very warm 700mb temperatures have effectively suppressed deep convection. Over the next several hours, significant 700mb cold-air advection will spread north of I-80 ahead of the ejecting short wave. This should result in more favorable thermodynamic profiles for deep convection. Over the last hour or so, cu field has become a bit more agitated along the front over north-central NE, with even a few showers now evident over western Holt County. Current thinking is this activity will gradually deepen and scattered thunderstorms are expected. Wind/hail are the primary threats.

..Darrow/Guyer.. 06/30/2020

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

ATTN...WFO...FSD...OAX...GID...LBF...

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