



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

City, St



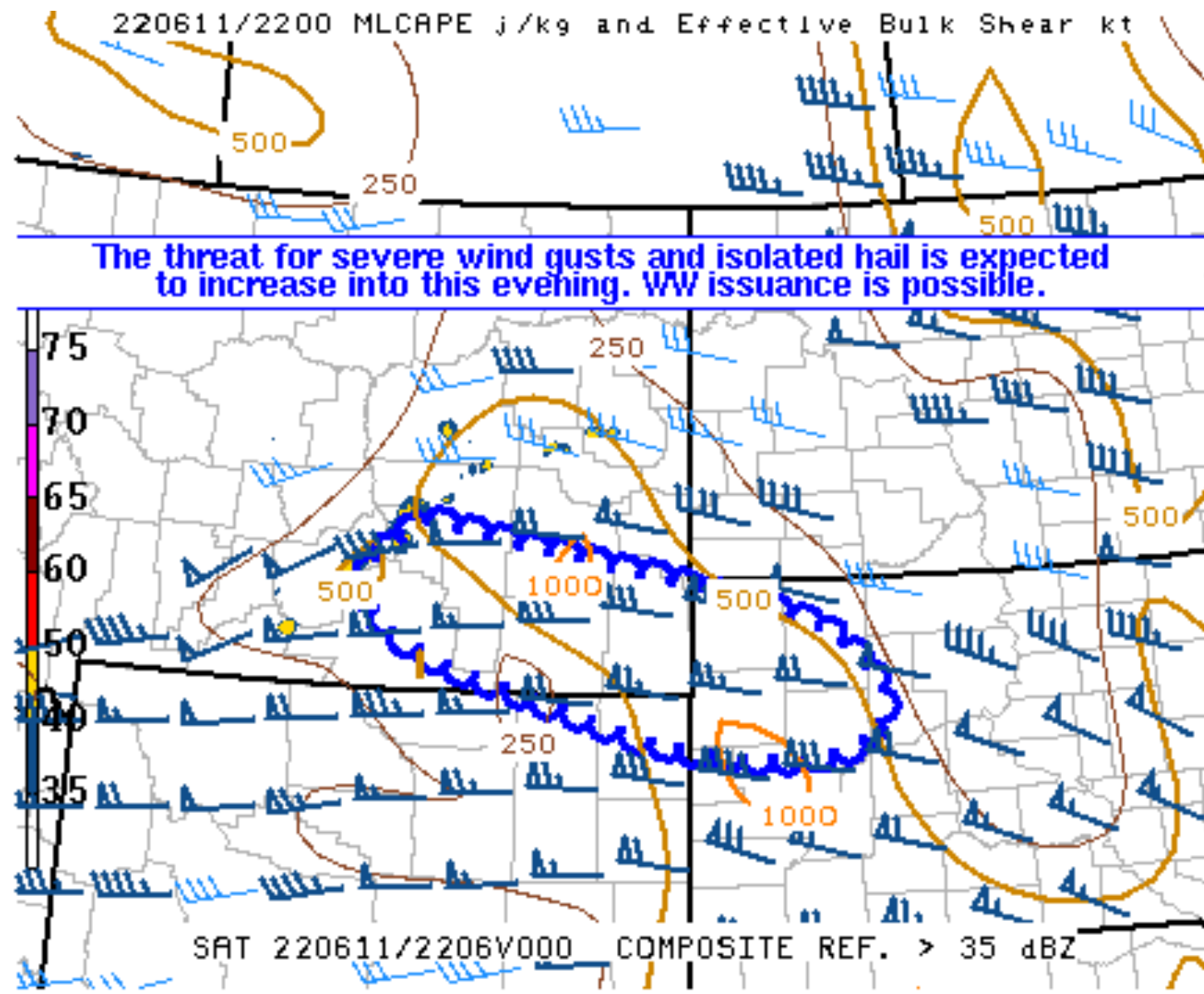
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Mesoscale Discussion 1120

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SPC MCD #1120

Mesoscale Discussion 1120
 NWS Storm Prediction Center Norman OK
 0519 PM CDT Sat Jun 11 2022

Areas affected...Southeast MT...Northwest SD...Extreme northeast WY

Concerning...Severe potential...Watch possible

Valid 112219Z - 112345Z

Probability of Watch Issuance...40 percent

SUMMARY...The threat for severe wind gusts and isolated hail is expected to increase into this evening. Watch issuance is possible.

DISCUSSION...A thunderstorm cluster is gradually intensifying across southeast MT as of 22Z, in conjunction with a midlevel shortwave trough that is cresting the upper ridge across the northern Rockies. Downstream MLCAPE is rather weak (generally in the 400-800 J/kg range), but strong mid/upper-level flow will support very favorable deep-layer shear across the region into the evening. With time, one or more organized clusters are expected to evolve and move east-southeastward, with some potential for embedded supercells. In the short term, isolated severe gusts and marginal hail will be the primary threats. A somewhat greater threat for severe wind gusts is expected to evolve this evening as storms continue to intensify and move toward northwest SD, especially if an organized linear mode can be sustained. Watch issuance is possible by 00Z in order to cover these threats.

..Dean/Thompson.. 06/11/2022

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

ATTN...WFO...UNR...BYZ...

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 44510350 44630438 44870541 45140646 45210684 45530762
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