

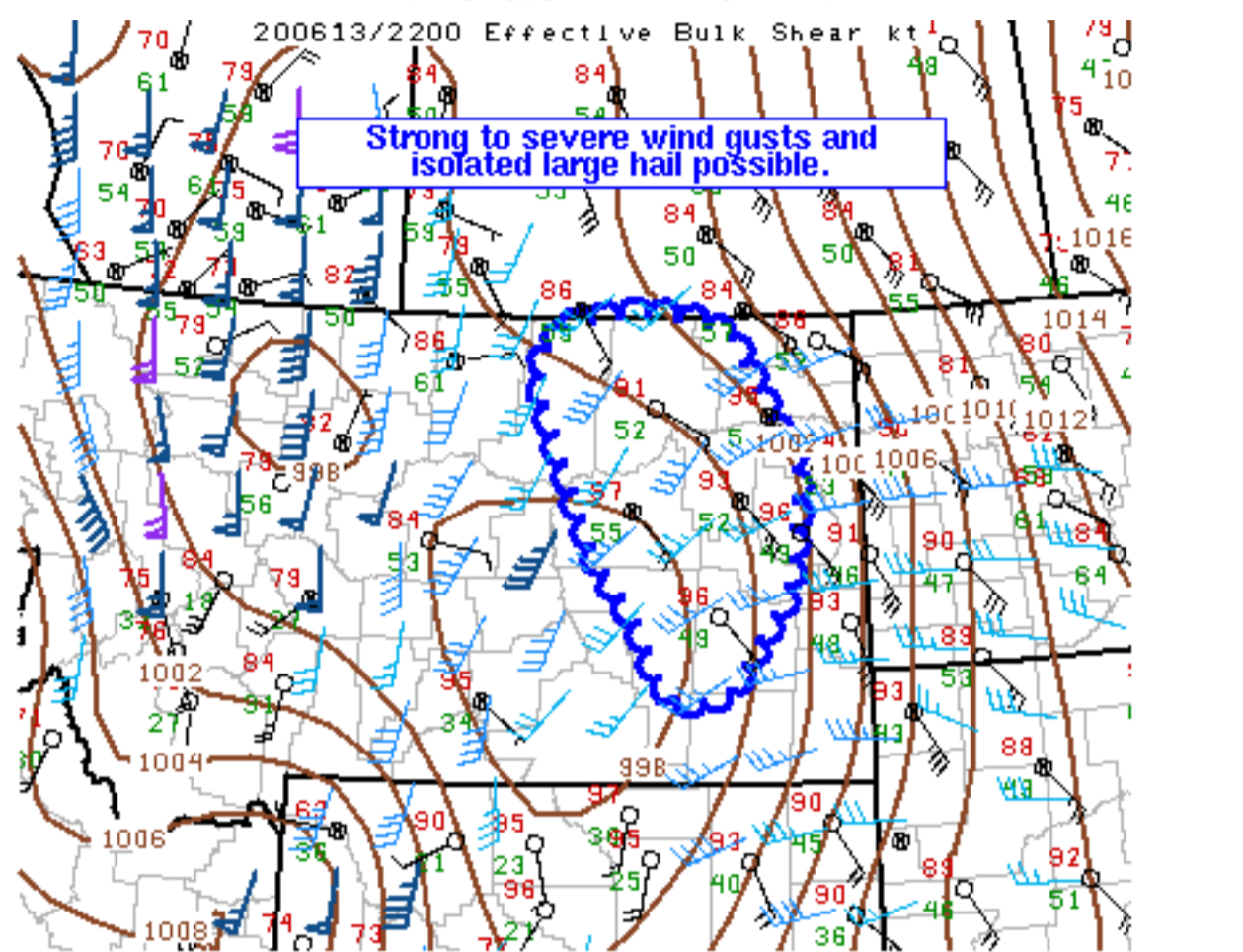


Local forecast by "City, St" or "ZIP"

City, St

## Mesoscale Discussion 912

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SPC MCD #0912

Mesoscale Discussion 0912

NWS Storm Prediction Center Norman OK  
0619 PM CDT Sat Jun 13 2020

Areas affected...Portions of eastern Montana

Concerning...Severe potential...Watch unlikely

Valid 132319Z - 140115Z

Probability of Watch Issuance...20 percent

**SUMMARY**...A few isolated to widely scattered storms are possible this evening in northeast Montana. Large temperature/dewpoint spreads will favor strong to severe wind gusts. Isolated large hail is also possible in the stronger storms. A WW is not currently expected given uncertainty in overall storm coverage. Trends in upscale growth will be monitored, however.

**DISCUSSION**...Clusters of high-based cumulus have continued to deepen along a surface trough in eastern Montana. Thus far, updrafts have intensified and subsequently dissipated, likely due to some remaining MLCIN and dry air entrainment. Surface observations for Jordan, MT suggest that capping may be eliminated soon when modifying RAP forecast soundings. With modest mid-level height falls this evening, there is potential for isolated to widely scattered organized thunderstorms to impact portions of eastern Montana. The very well-mixed boundary layer will favor strong to severe convective gusts. Steep mid-level lapse rates and around 30-40 kts of effective shear would suggest large hail may also occur, though on a more isolated basis. Outflow interactions from nearby storms may contribute to additional storm development as activity moves northward. Storm coverage is enough in question that a WW is not expected. Trends in convective upscale growth will be monitored, however.

..Wendt/Grams.. 06/13/2020

...Please see [www.spc.noaa.gov](http://www.spc.noaa.gov) for graphic product...

ATTN...WFO...BYZ...GGW...

LAT...LON	46380688	46670714	47010743	47470766	48390811	48870800
	49060685	48920569	47610483	46700495	46060547	45770576
	45680615	45680635	45830659	46380688		

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