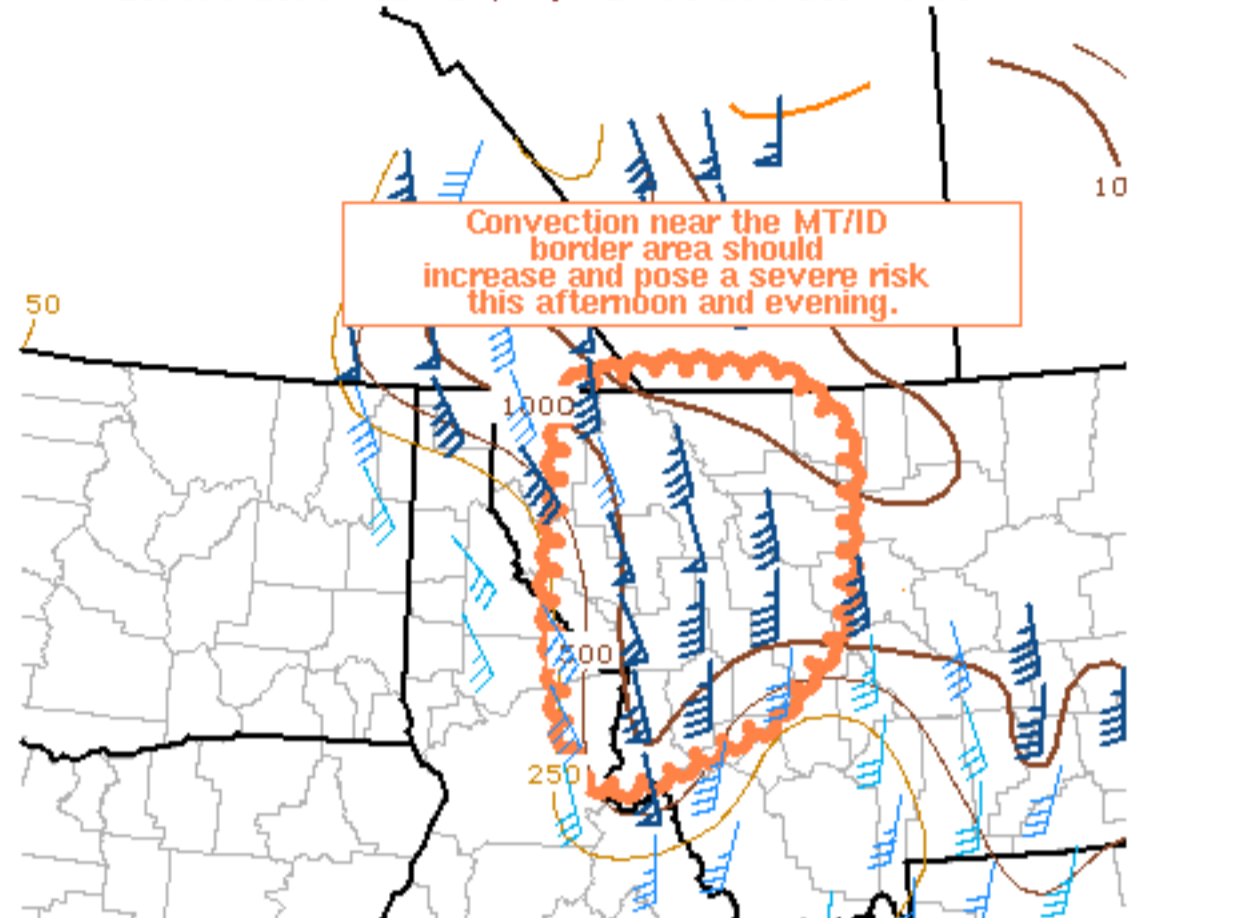


Local forecast by  
"City, St" or "ZIP"City, St  

## Mesoscale Discussion 911

[< Previous MD](#) [Next MD >](#)

200613/1900 MUCAPE j/kg, Effective Bulk Shear kt



SPC MCD #0911

Mesoscale Discussion 0911

NWS Storm Prediction Center Norman OK

0321 PM CDT Sat Jun 13 2020

Areas affected...western Montana and a small part of northern Idaho

Concerning...Severe potential...Watch possible

Valid 132021Z - 132215Z

Probability of Watch Issuance...40 percent

SUMMARY...Convection is being maintained near the MT/ID border and should drift northward into western Montana this afternoon/evening. A Ww issuance is possible.

DISCUSSION...Convection along the MT/ID border area near Idaho County, ID resides just ahead of a vigorous mid-level vorticity maximum. Both the storms and the vort-max were moving northward toward a region that has experienced appreciable surface warming, allowing for SBCAPE to increase to around 1000J/kg amidst steep mid-level lapse rates. Deep shear of around 45-55 kts should foster organization, with upscale growth into one or two linear segments expected over time.

Given the fast flow aloft, storms should expand and migrate northward through the discussion area relatively quickly, with most of the severe threat confined to a 3-4 hour window over western MT - possibly ending by 00-01Z as the bulk of the convection shifts quickly northward into Canada. Hail and damaging wind gusts are the primary threats with this activity. It is currently unclear whether coverage and extent of the severe threat will necessitate a WW issuance. Convective trends will be monitored.

..Cook/Goss.. 06/13/2020

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

ATTN...WFO...TFX...MSO...OTX...

LAT...LON 49011508 49181415 49151230 48601152 47011171 46271257  
45751406 45711476 46251507 47231523 49011508

[Top/All Mesoscale Discussions/Forecast Products/Home](#)

Weather Topics:

[Watches, Mesoscale Discussions, Outlooks, Fire Weather, All Products, Contact Us](#)