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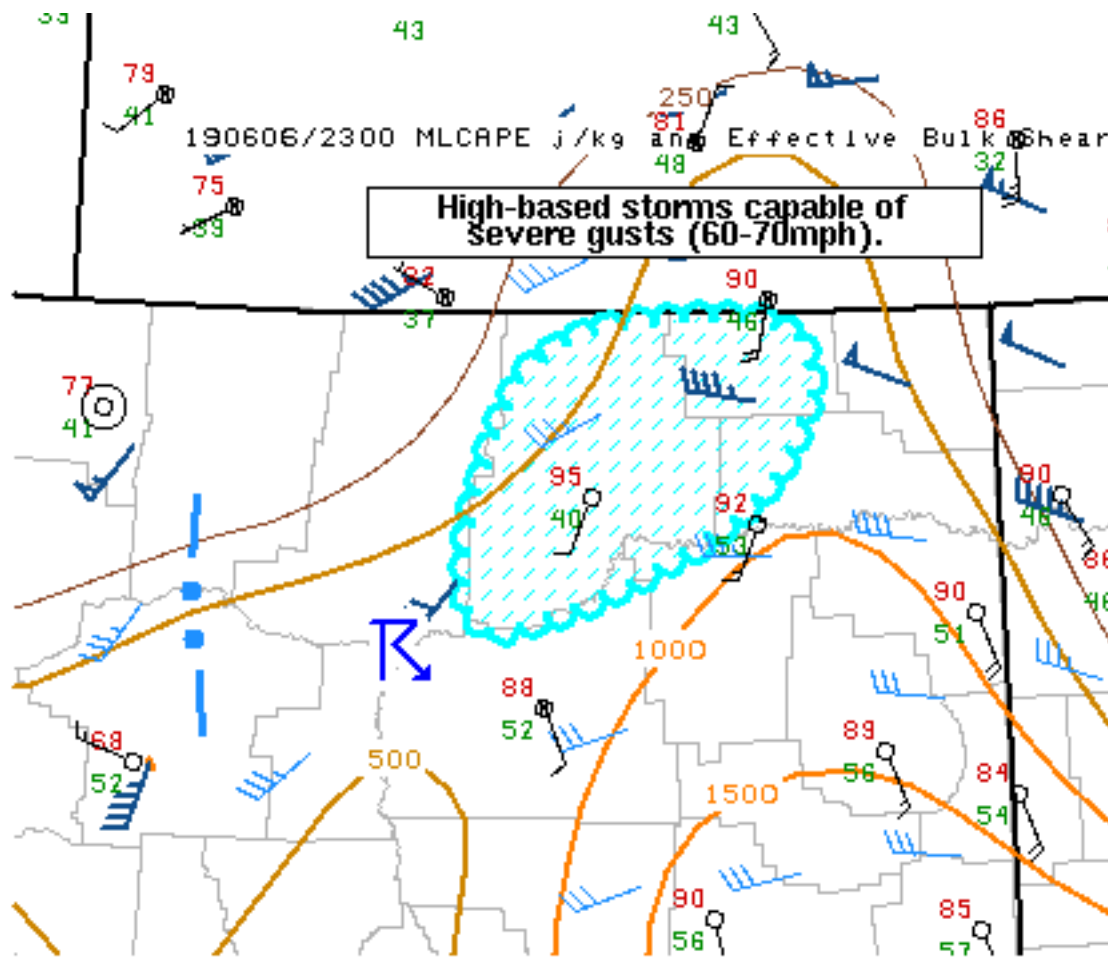
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## Mesoscale Discussion 1010

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SPC MCD #1010

Mesoscale Discussion 1010  
 NWS Storm Prediction Center Norman OK  
 0654 PM CDT Thu Jun 06 2019

Areas affected...northeast MT

Concerning...Severe Thunderstorm Watch 338...

Valid 062354Z - 070100Z

The severe weather threat for Severe Thunderstorm Watch 338 continues.

SUMMARY...High-based storms will continue to be capable of 60-70mph gusts across northeast MT early this evening.

DISCUSSION...Latest surface analysis indicates temperature-dewpoint spreads across northeast MT are 50-55 degrees F. The 00z Glasgow, MT raob showed a very deep boundary layer (inverted-V profile) with around 500 J/kg MLCAPE. Around 25kt 0-6km shear was sampled by the raob which would indicate some storm organization with the cold



pool. The strongest thunderstorm core may be capable of sporadic occurrences of 1 inch diameter hail but the main risk with this activity will be 60-70mph gusts.

..Smith.. 06/06/2019

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

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

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