



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

City, St

## Mesoscale Discussion 1170

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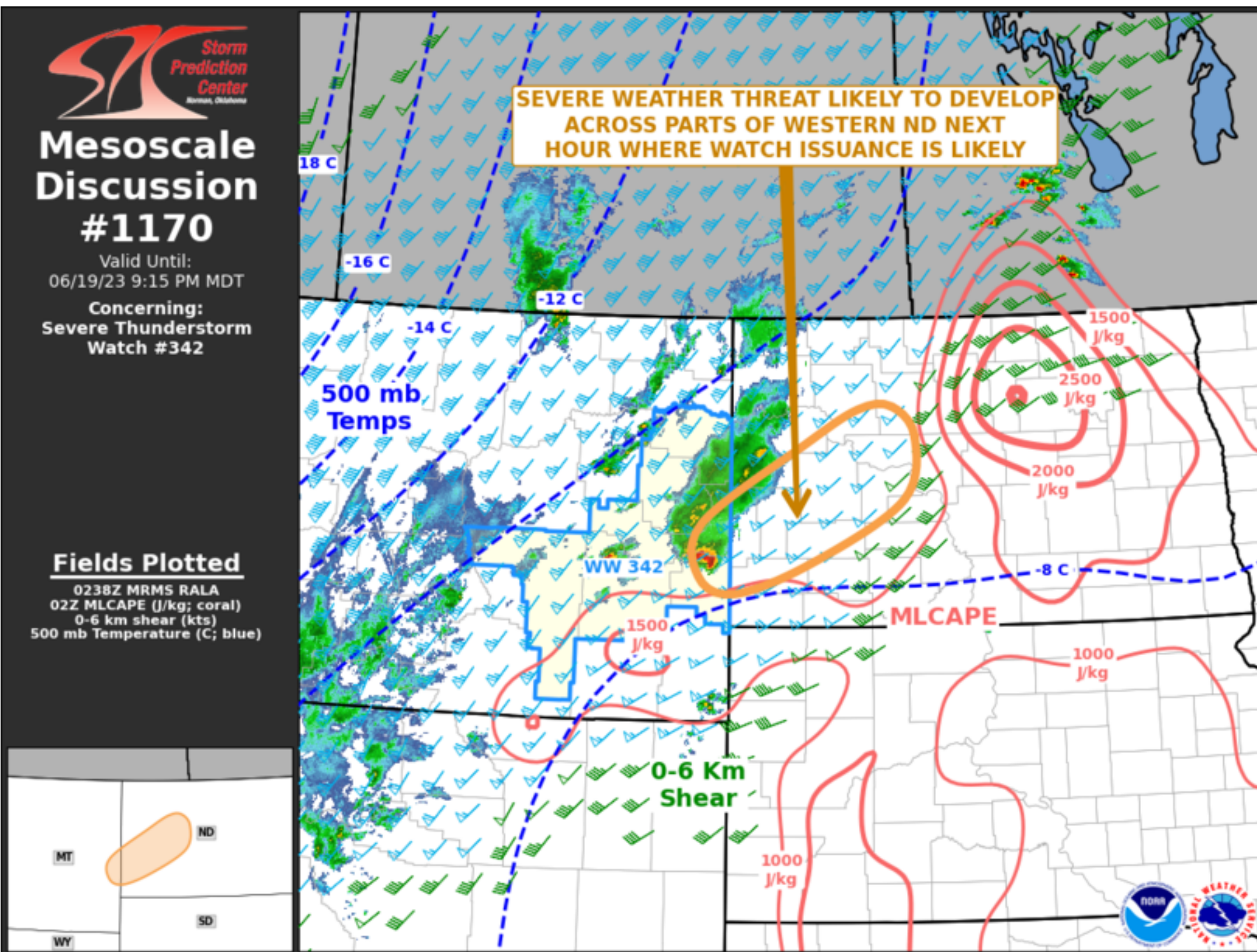
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Mesoscale Discussion 1170  
 NWS Storm Prediction Center Norman OK  
 0941 PM CDT Mon Jun 19 2023

Areas affected...Far Eastern Montana and Western North Dakota

Concerning...Severe Thunderstorm Watch 342...

Valid 200241Z - 200315Z

CORRECTED FOR AREAS AFFECTED

The severe weather threat for Severe Thunderstorm Watch 342 continues.

SUMMARY...Severe threat is likely to develop across western North Dakota over the next hour. Wind damage and large hail will be likely, and weather watch issuance will be needed soon.

DISCUSSION...Latest radar imagery from Glasgow, Montana shows an intense supercell in far eastern Montana, which produced an 83 mph wind gust within the last half hour. This storm is associated with a shortwave trough and vorticity max over eastern Montana, which will continue to move northeastward into western North Dakota this evening. Moderate instability, strong deep-layer shear and steep mid-level lapse rates will support continued supercell development with a potential for large hail. Wind damage will also be likely.

..Broyles/Thompson.. 06/20/2023

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

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

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