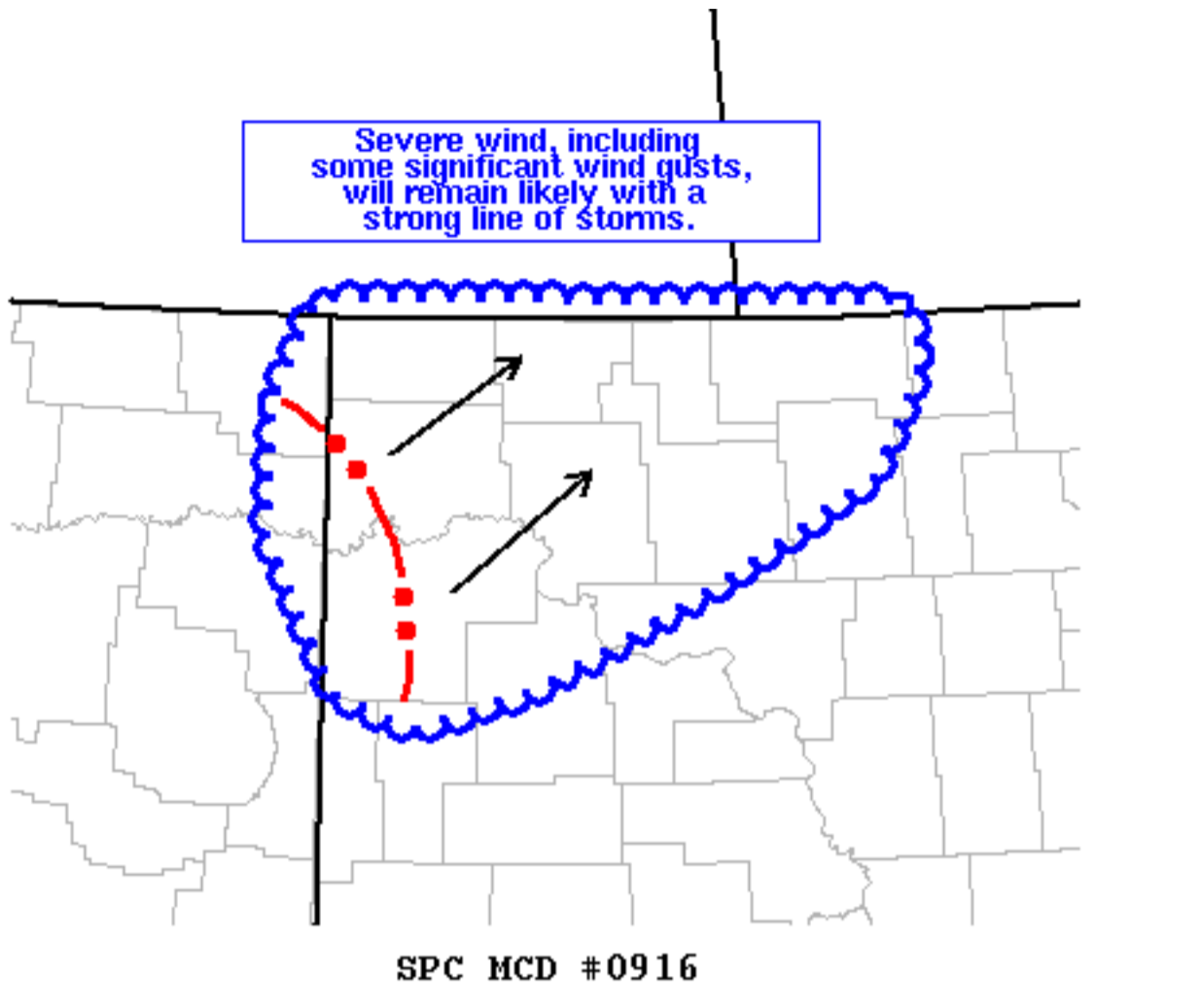


Local forecast by "City, St" or "ZIP"

City, St

## Mesoscale Discussion 916

[< Previous MD](#)   [Next MD >](#)



Mesoscale Discussion 0916  
NWS Storm Prediction Center Norman OK  
1121 PM CDT Thu Jun 10 2021

Areas affected...Northwest North Dakota

Concerning...Severe Thunderstorm Watch [254](#)...

Valid 110421Z - 110615Z

The severe weather threat for Severe Thunderstorm Watch 254 continues.

**SUMMARY**...Severe wind, including significant wind gusts, will remain likely as a strong line of storms moves across northwest North Dakota over the next 1-2 hours.

**DISCUSSION**...A line of storms moving across western ND has a history of producing severe hail and measured winds over 60 mph with a few reports of 70-90 mph gusts. Radar imagery from KGGW and KMBX shows a well organized squall line that is showing signs of a bowing segment and accompanying rear inflow jet on the northern edge. This line will continue to propagate to the north/northeast across northwest ND on the edge of the instability gradient over the next 1-2 hours. 50-70 knot effective bulk shear will help maintain storm organization, and increasing low-level flow (60-70 knots observed in the lowest 1-2 km layer per KBMX VWP observations) in the vicinity of the advancing surface low suggest a high probability of severe, and possibly significant severe, wind gusts as the lines progresses towards the international border.

..Moore.. 06/11/2021

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

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

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                 48290041 47830147 47380265 47200343 47340394 48040440

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