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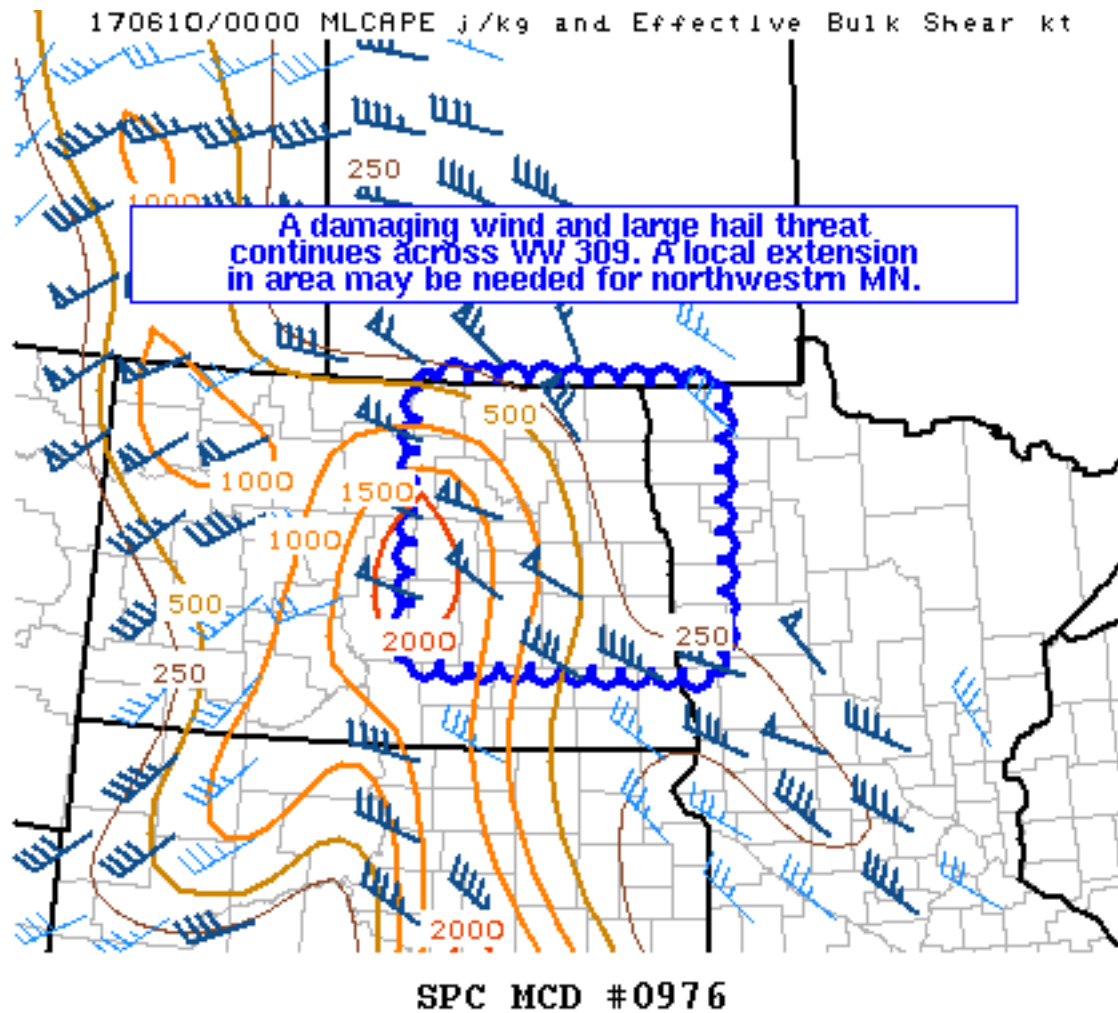
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Mesoscale Discussion 976

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Mesoscale Discussion 0976

NWS Storm Prediction Center Norman OK

0708 PM CDT Fri Jun 09 2017

Areas affected...Portions of ND and northwestern MN

Concerning...Severe Thunderstorm Watch 309...

Valid 100008Z - 100115Z

The severe weather threat for Severe Thunderstorm Watch 309 continues.

SUMMARY...A damaging wind and large hail threat continues across WW 309. A local extension in area of the watch into parts of northwestern MN may be needed within the next hour.

DISCUSSION...As of 00Z, multiple measured severe wind gusts of 83-104 mph have occurred over the past hour with a supercell thunderstorm evolving into a small bow across Pierce into Benson Counties in ND. A separate supercell in Wells County ND has recently

produced multiple large hail reports, some as large as 2 inches in diameter. Finally, another supercell producing measured severe wind gusts is moving southeastward along to perhaps just north of a surface warm front draped across ND into western MN. The environment downstream of this ongoing activity into eastern ND will remain favorable for continued severe storm maintenance, with large hail, damaging winds, and perhaps a tornado or two all possible. If any supercell can remain discrete, the tornado threat may become maximized near the warm front with locally backed surface winds enhancing effective SRH. The warm front should serve as an eastward limit to the more substantial surface-based supercell threat. Based of its current position, a small eastward extension in area for the ongoing Severe Thunderstorm Watch may be warranted for parts of northwestern MN based on current radar trends.

..Gleason.. 06/10/2017

...Please see www.spc.noaa.gov for graphic product...

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