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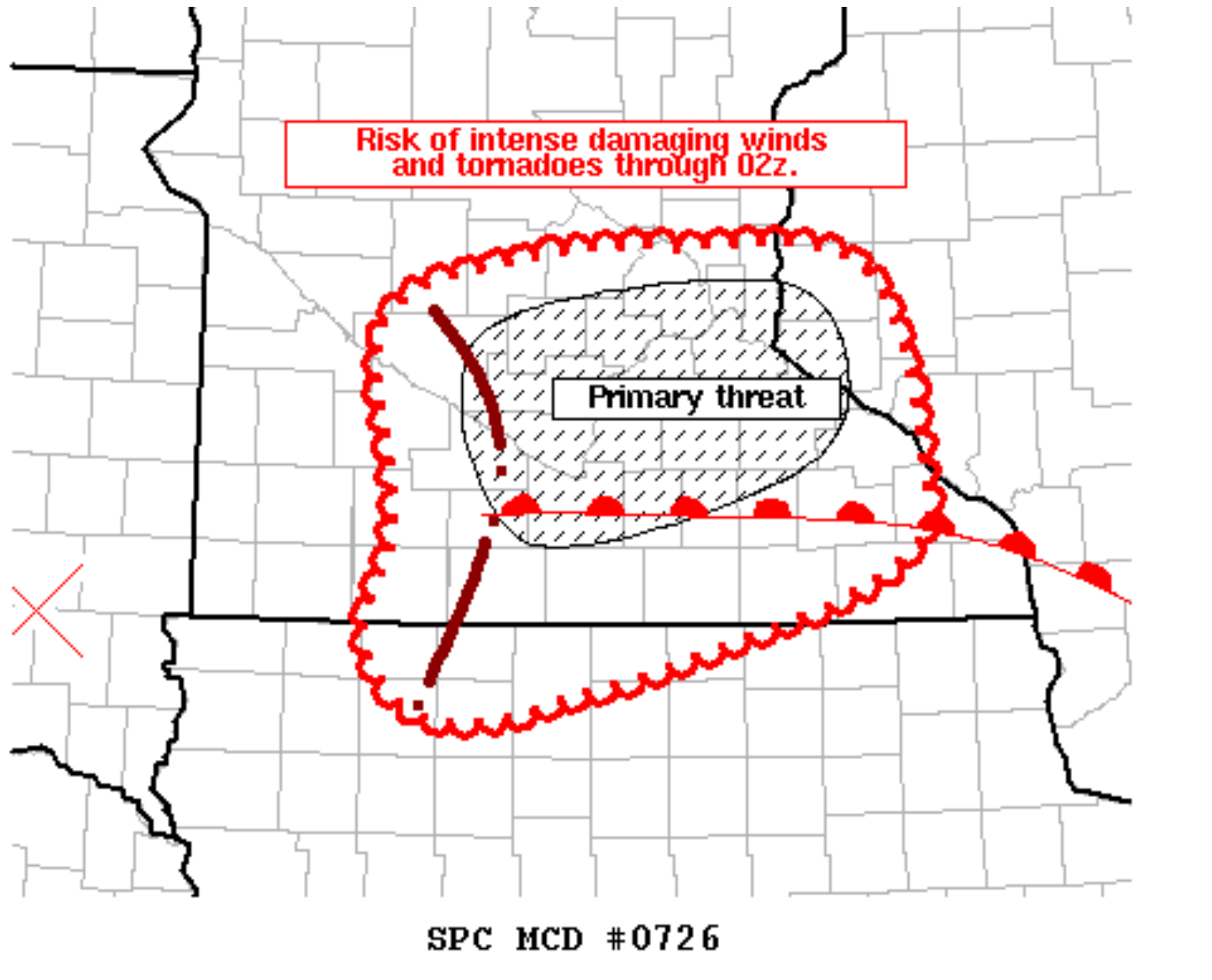
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## Mesoscale Discussion 726

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Mesoscale Discussion 0726  
 NWS Storm Prediction Center Norman OK  
 0701 PM CDT Wed May 11 2022

Areas affected...Southern Minnesota

Concerning...Tornado Watch 202...203...

Valid 120001Z - 120100Z

The severe weather threat for Tornado Watch 202, 203 continues.

**SUMMARY...**A fast-moving bow echo with embedded supercell structures, along with isolated supercells ahead of the line, will pose a risk of intense damaging wind gusts and tornadoes over southern Minnesota (including the MSP metro area) during the next 2 hours.

**DISCUSSION...**A mature bowing MCS has developed during the past couple of hours over southwest MN, moving northeastward now at 35-40 knots. Individual storms are tracking north-northeastward, while the MCS moves eastward along a well-defined surface warm front. Low-level shear profiles are rapidly strengthening along/north of the warm front with the latest MPX VAD showing 0-3km SRH of 600-900 m<sup>2</sup>/s<sup>2</sup>. It appears likely that the bowing line will remain severe as it tracks eastward into the MSP metro area between 01-02z. Isolated cells ahead of the bow may rapidly become supercellular with a tornado risk, while QLCS tornadoes and corridors of damaging winds will be possible along the convective line.

..Hart.. 05/12/2022

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

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