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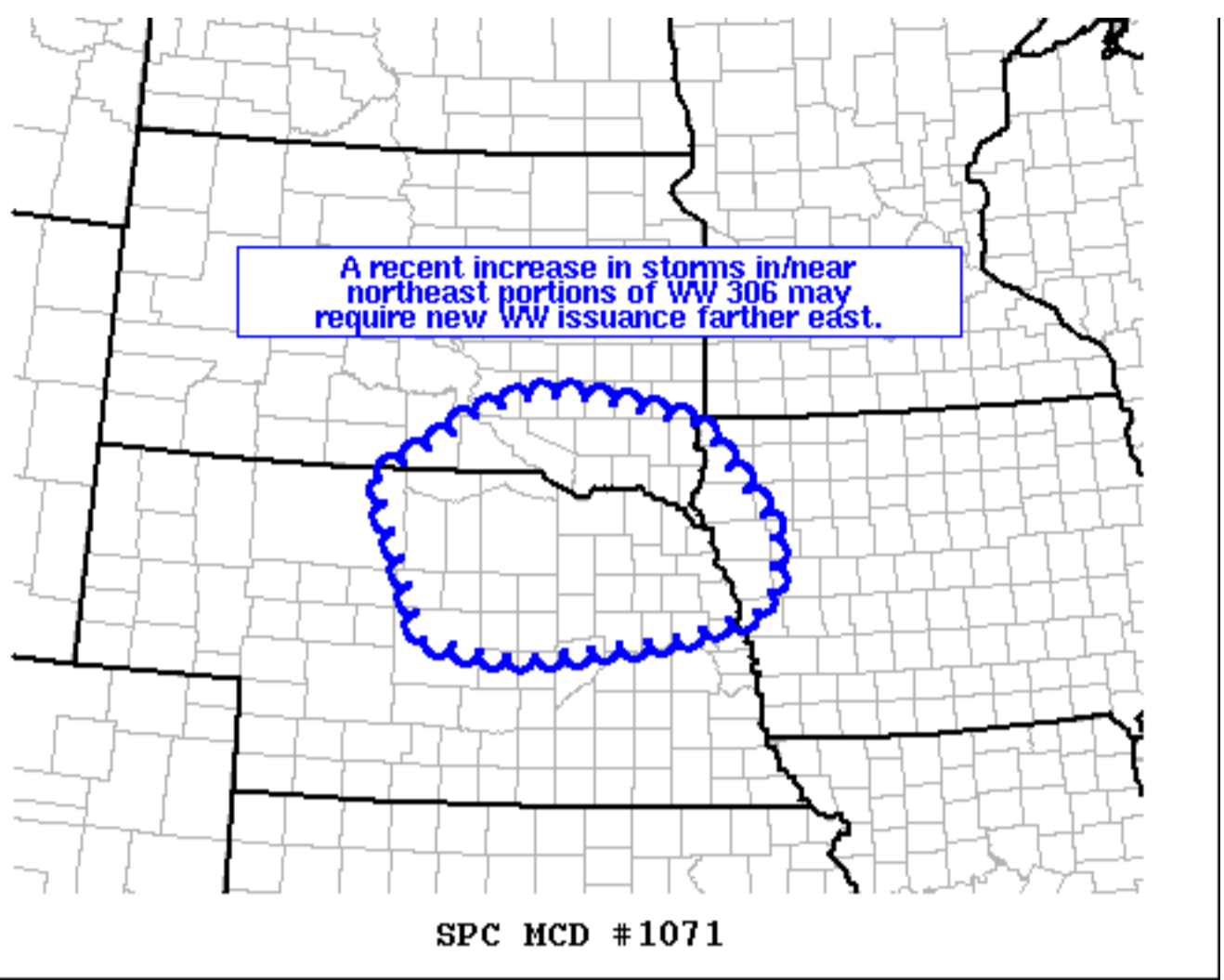
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Mesoscale Discussion 1071

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Mesoscale Discussion 1071
 NWS Storm Prediction Center Norman OK
 0810 PM CDT Wed Jun 23 2021

Areas affected...parts of central and eastern Nebraska...southeastern South Dakota...and far western Iowa

Concerning...Severe Thunderstorm Watch [306](#)...

Valid 240110Z - 240245Z

The severe weather threat for Severe Thunderstorm Watch 306 continues.

SUMMARY...Storms increasing in coverage/intensity -- likely in response to the developing low-level jet -- suggest increasing severe potential over the next couple of hours. A new WW remains likely to be needed east of ongoing activity.

DISCUSSION...After a brief decreasing trend in ongoing convection, storms have begun to increase in both coverage and intensity once again -- mainly across north-central Nebraska and into south-central and southeastern South Dakota. The convective uptick is apparently in response to increasing QG forcing, as a subtle feature aloft shifts into the Plains, along with associated/accompanying low-level jet increase. While low-level capping hindered more widespread diurnal surface-based activity, continued increases in slightly elevated but robust convection are expected. As convection shifts eastward/southeastward with time, a new WW east of [WW 306](#) remains a likelihood this evening.

..Goss.. 06/24/2021

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

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