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City, St



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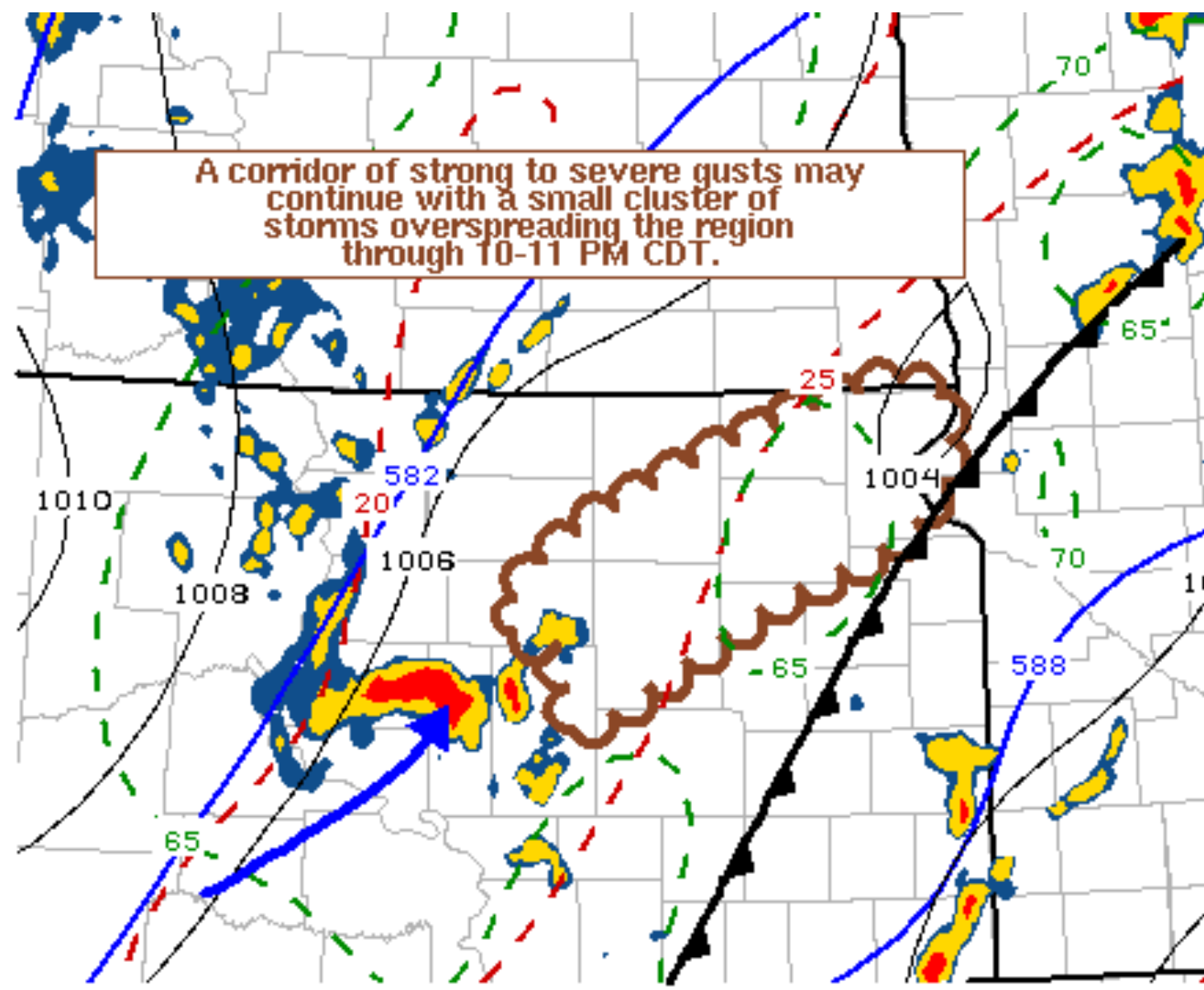
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Mesoscale Discussion 1242

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SPC MCD #1242

Mesoscale Discussion 1242
 NWS Storm Prediction Center Norman OK
 0835 PM CDT Mon Jun 20 2022

Areas affected...parts of northeastern South Dakota

Concerning...Severe Thunderstorm Watch [395](#)...

Valid 210135Z - 210300Z

The severe weather threat for Severe Thunderstorm Watch 395 continues.

SUMMARY...A swath of strong to locally severe wind gusts likely will persist with a small cluster of storms overspreading northeastern South Dakota, including the Aberdeen vicinity by 10-11 PM CDT. It is possible, but not yet certain, that a new severe weather watch may be needed east-northeast of [WW 395](#).

DISCUSSION...A compact, but organized cluster of storms with an MCV and narrow, strong rear inflow jet (which recently produced a gust to 69 kt at Pierre) has accelerated east-northeast of Pierre at up to 50 kt. Activity has been supported by strengthening east-northeasterly inflow of moist air within a narrow post-cold frontal corridor. With the onset of boundary-layer cooling CAPE has diminished some, but remains moderately large and the convective system still seems likely to maintain considerable strength at least another few hours. The associated swath of strong to severe surface gusts probably will overspread areas near/southwest through south of Aberdeen by 03Z, before approaching the Minnesota/North and South Dakota state border vicinity by 04Z.

..Kerr.. 06/21/2022

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

ATTN...WFO...FGF...FSD...ABR...

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