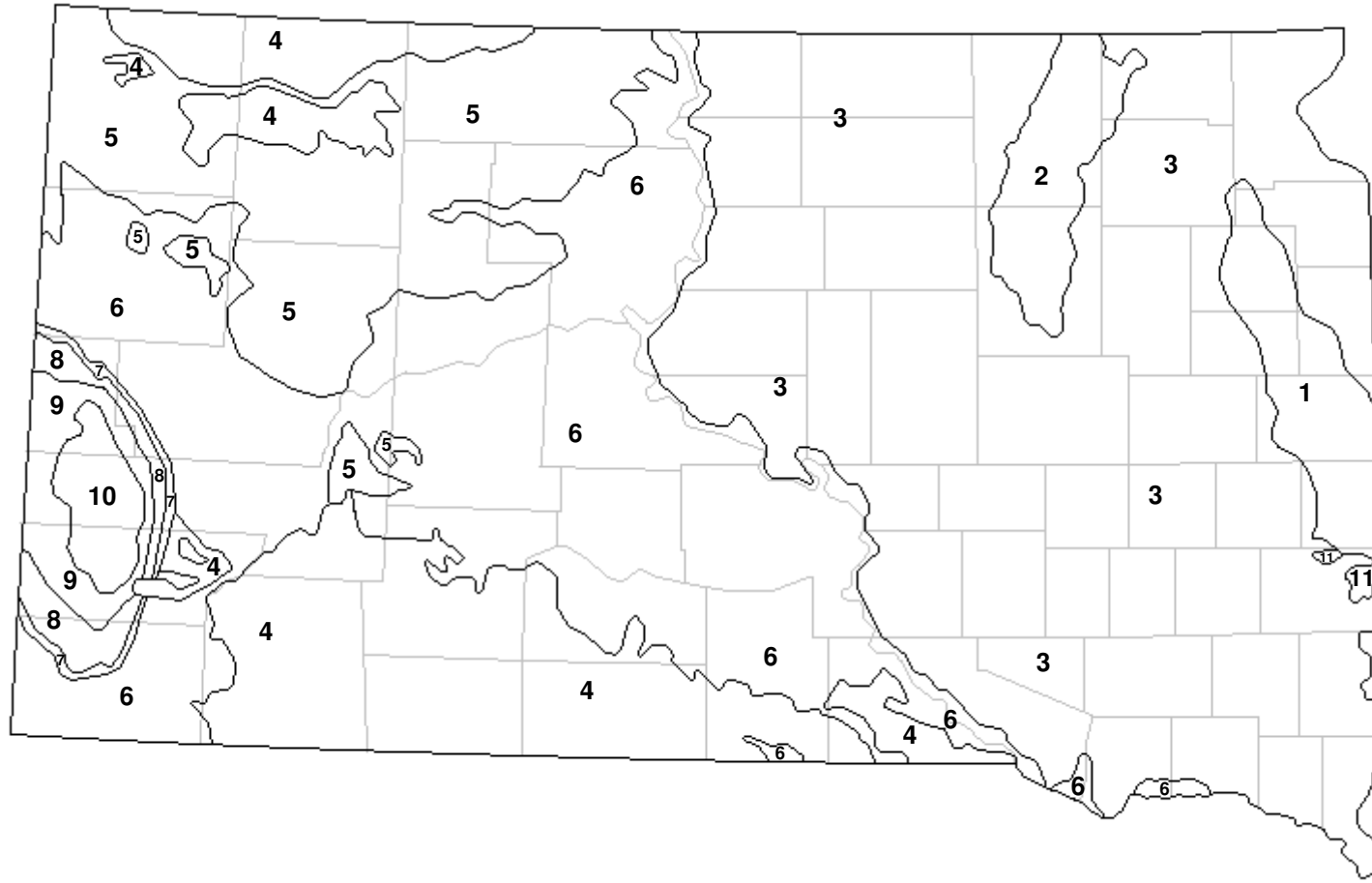


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South Dakota Bedrock Geology



South Dakota's bedrock is made up of a series of formations and deposits. It contains all three rock types (igneous, metamorphic, and sedimentary).

Pleistocene Deposits

- 1 Early Wisconsin Glacial Sediments
- 2 Late Wisconsin Glacial Sediments
- 3 Glacial Lake Deposit (silt, sand)

Tertiary Formations

- 4 (silt, sandstone, clay)

Mesozoic Formations

- 5 Upper Cretaceous (sandstone, clay)
- 6 Upper Cretaceous (shale, chalk)
- 7 Lower Cretaceous (limestone, shale, sandstone)
- 8 Jurassic and Triassic (shale, sandstone, redbeds)

Paleozoic Formations

- 9 (limestone, shale, sandstone)

Precambrian Formations

- 10 Igneous rocks (granite, rhyolite, phonolite)
- 11 Metamorphic rocks (schist, slate, quartzite)