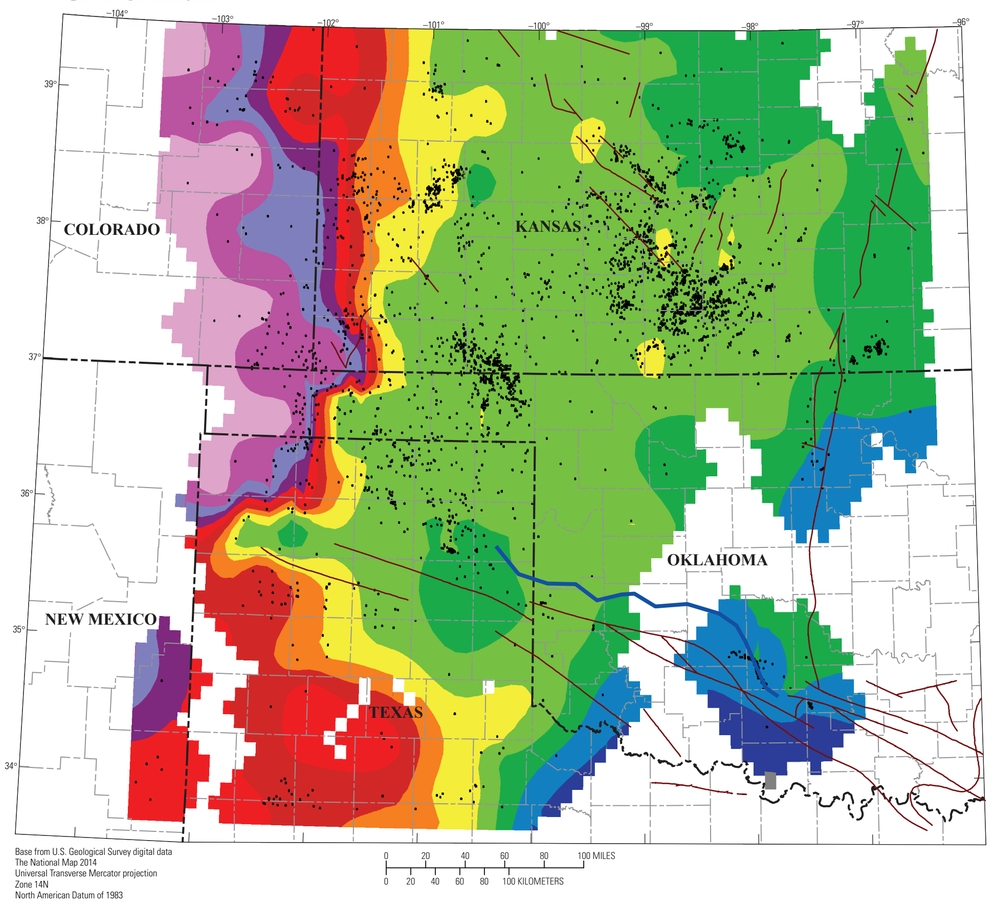
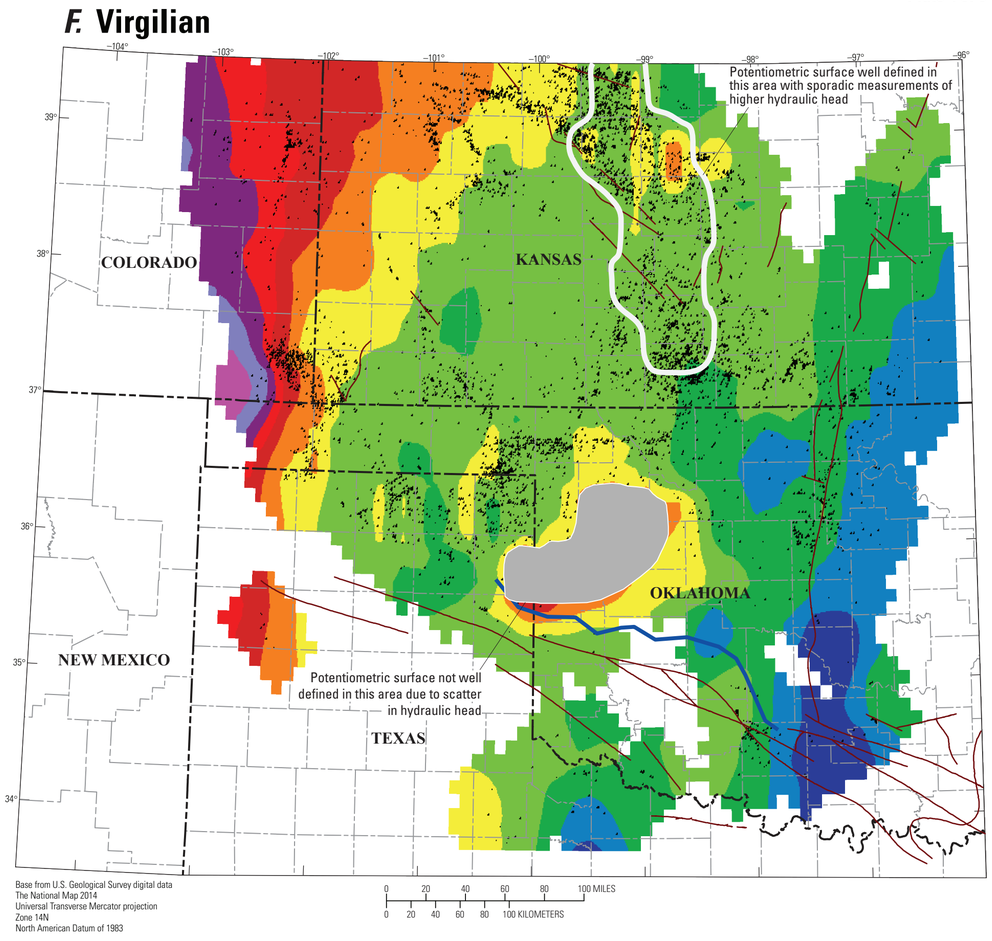
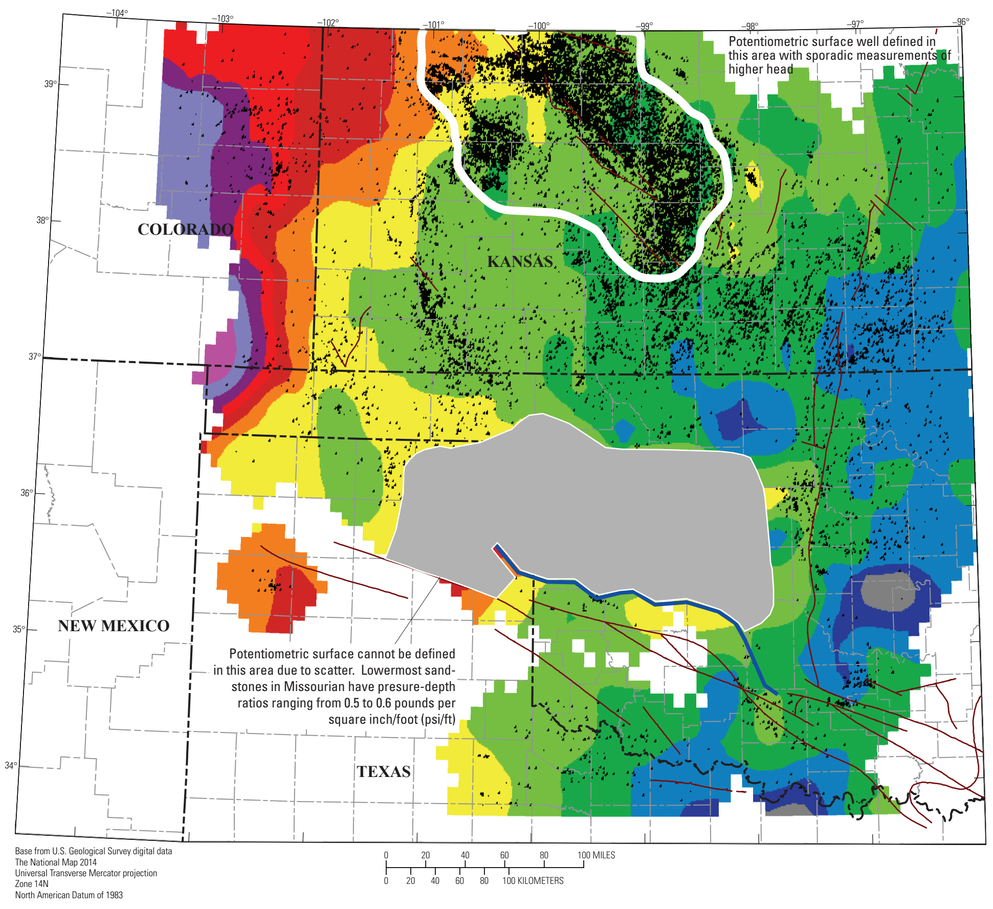
G. Permian



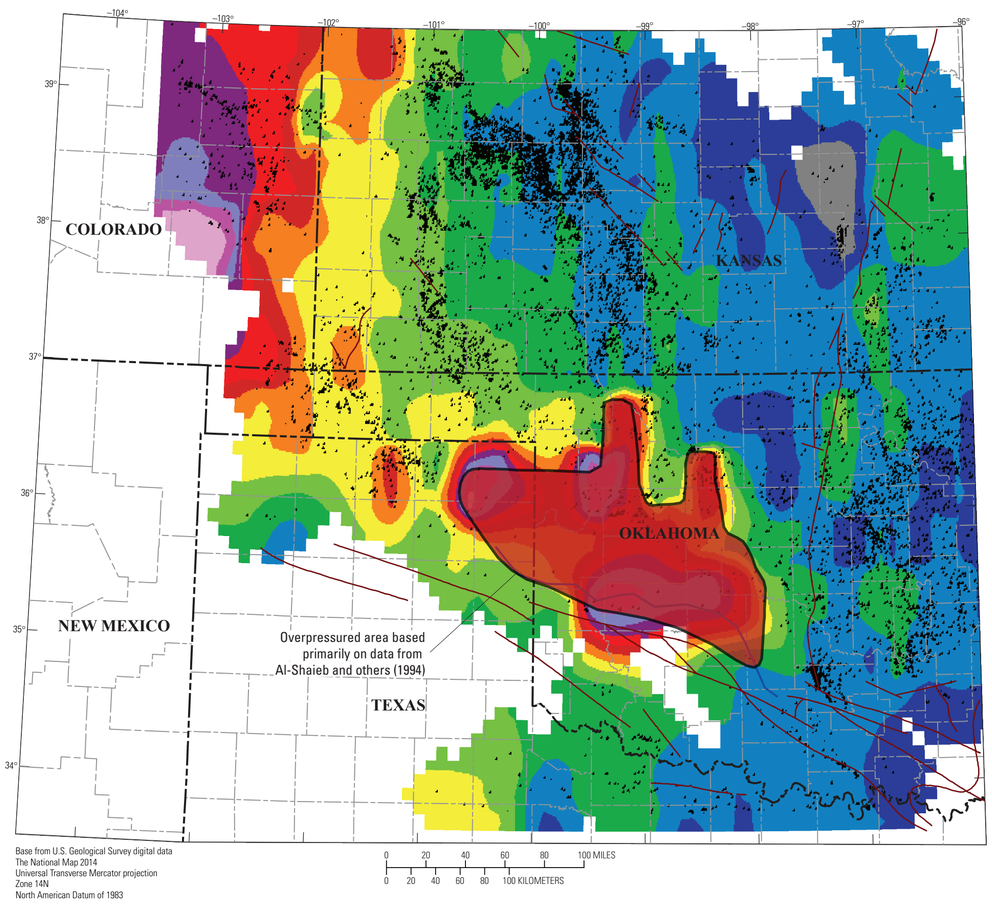
F. Virgilian



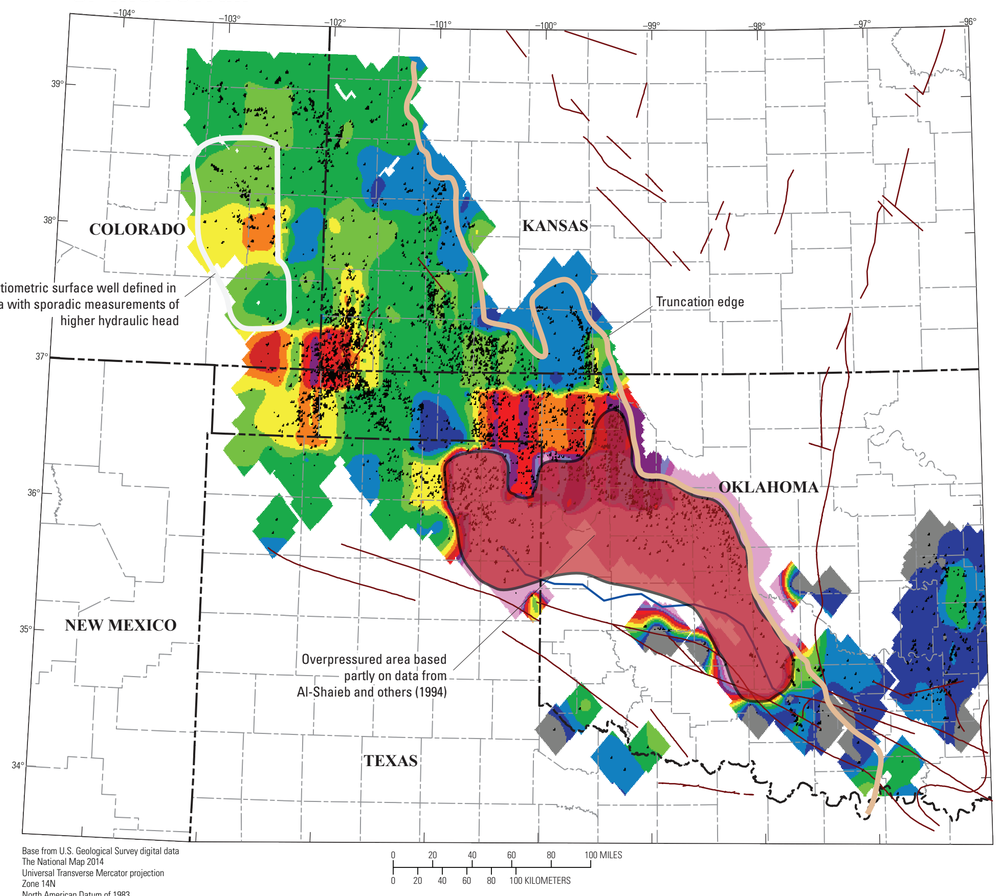
E. Missourian



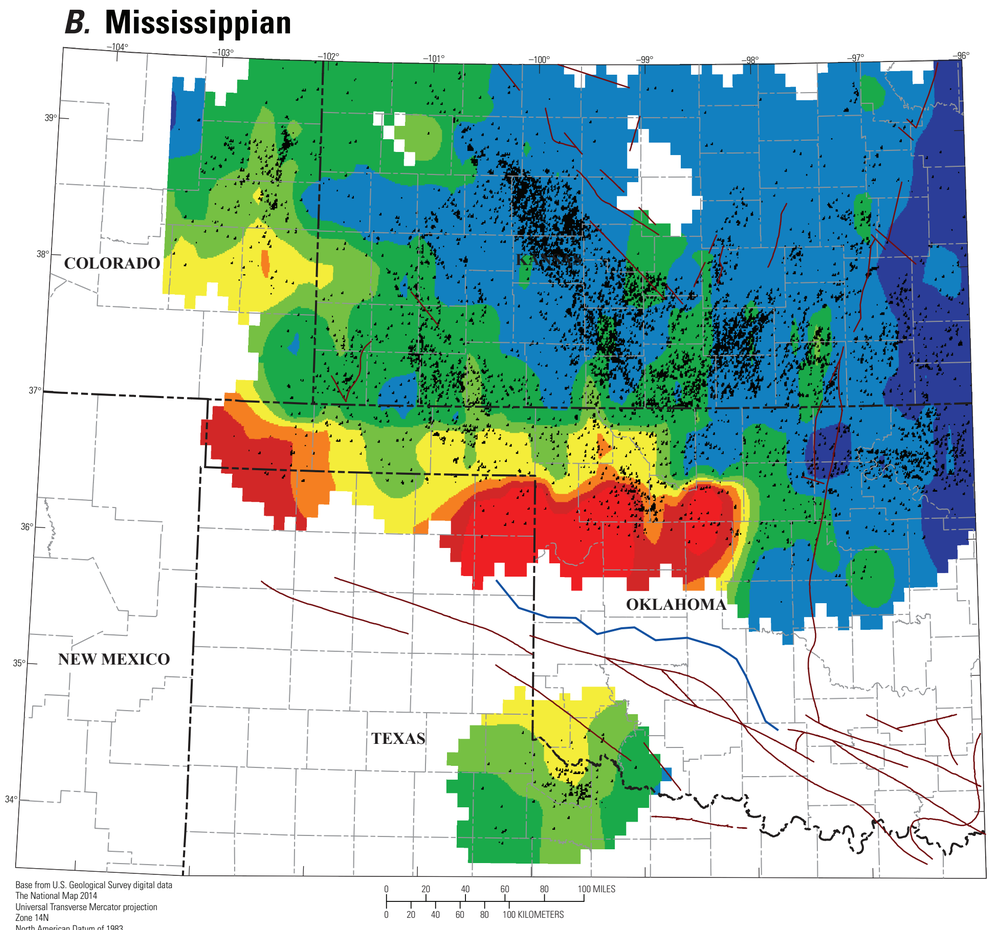
D. Desmoinesian



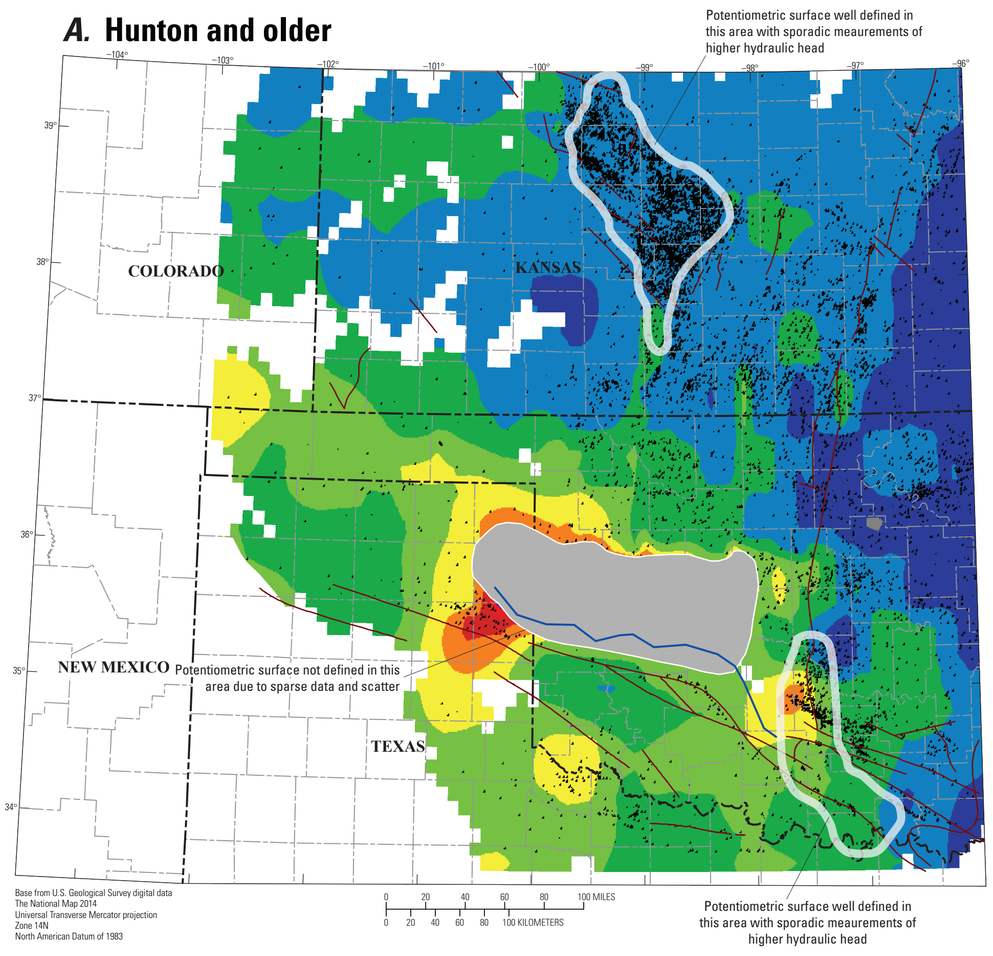
C. Morrowan



B. Mississippian

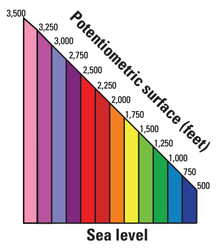


A. Hunton and older



EXPLANATION

- Basin axis
- Precambrian fault
- Total dissolved solids, in parts per million (ppm)
- Wells



Maps are presented oldest (***A***) to youngest (***G***).

Potentiometric surfaces were constructed by combining the hydraulic head values from 13 west-east swaths. Values are in feet above sea level. Locations of wells with drillstem tests are shown by black dots on each map.

A low hydraulic gradient extends over much of the maps, as exemplified by the broad green area between 1,250 and 1,500 feet on the Permian potentiometric map.

Precambrian faults from Adler and others (1971). Basin axis is based on the Woodford Shale.

Potentiometric Surfaces for Seven Stratigraphic Units

By
Philip H. Nelson and Nicholas J. Gianoutsos
2014

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This map was printed on an electronic plotter directly from digital files. Dimensional calibration may vary between electronic plotters and between X and Y directions on the same plotter, and paper may change size due to atmospheric conditions; therefore, scale and proportions may not be true on plots of this map.

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