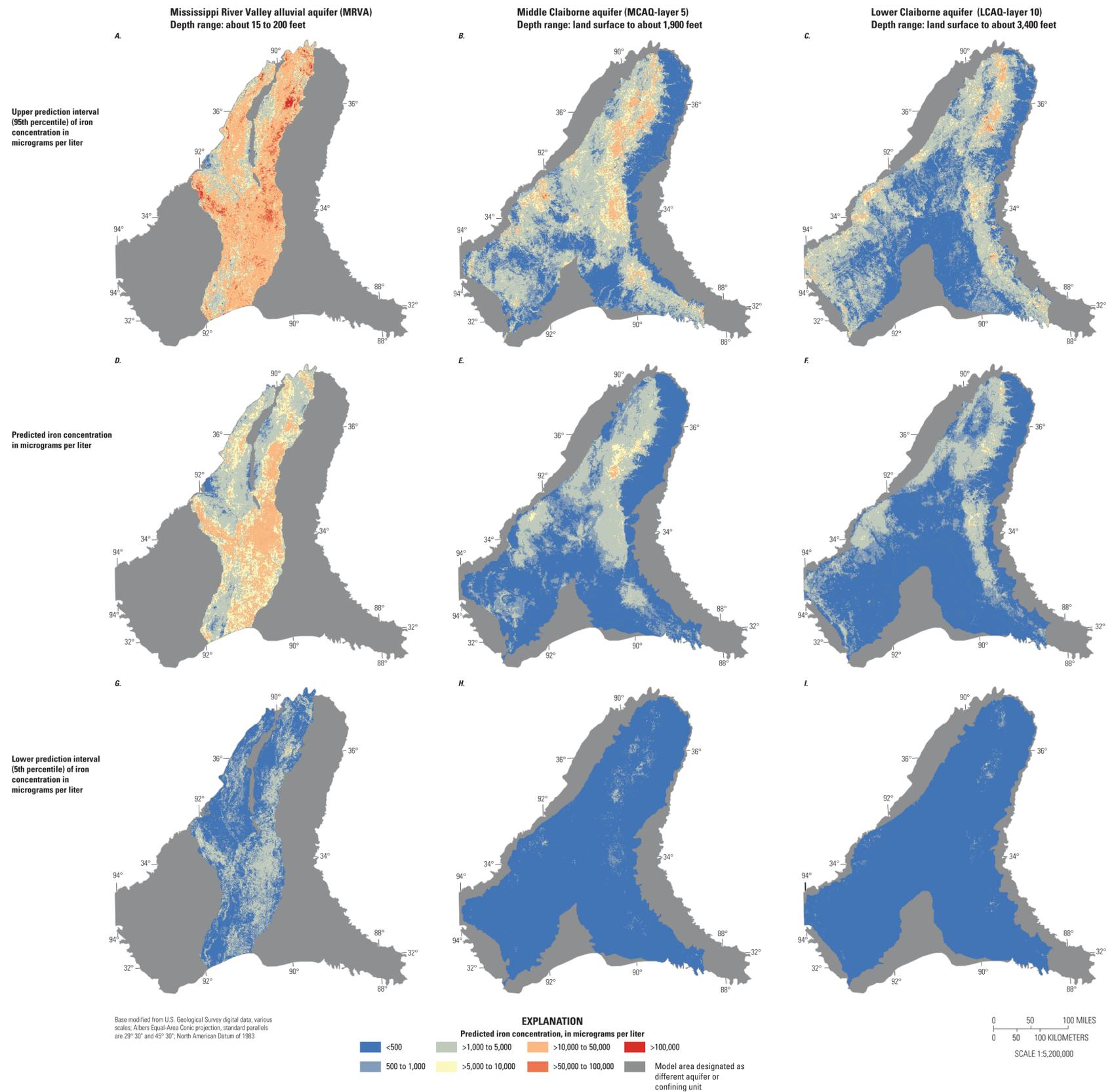


**Figure 4.** Location of wells with iron concentration data used in machine-learning models. A, Mississippi River Valley alluvial aquifer (MRVA), B, Middle and lower Claiborne aquifers (MCAQ and LCAQ).



**Figure 10.** Predicted iron concentrations.

## Machine-Learning Predictions of Redox Conditions in Groundwater in the Mississippi River Valley Alluvial and Claiborne Aquifers, South-Central United States

By

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