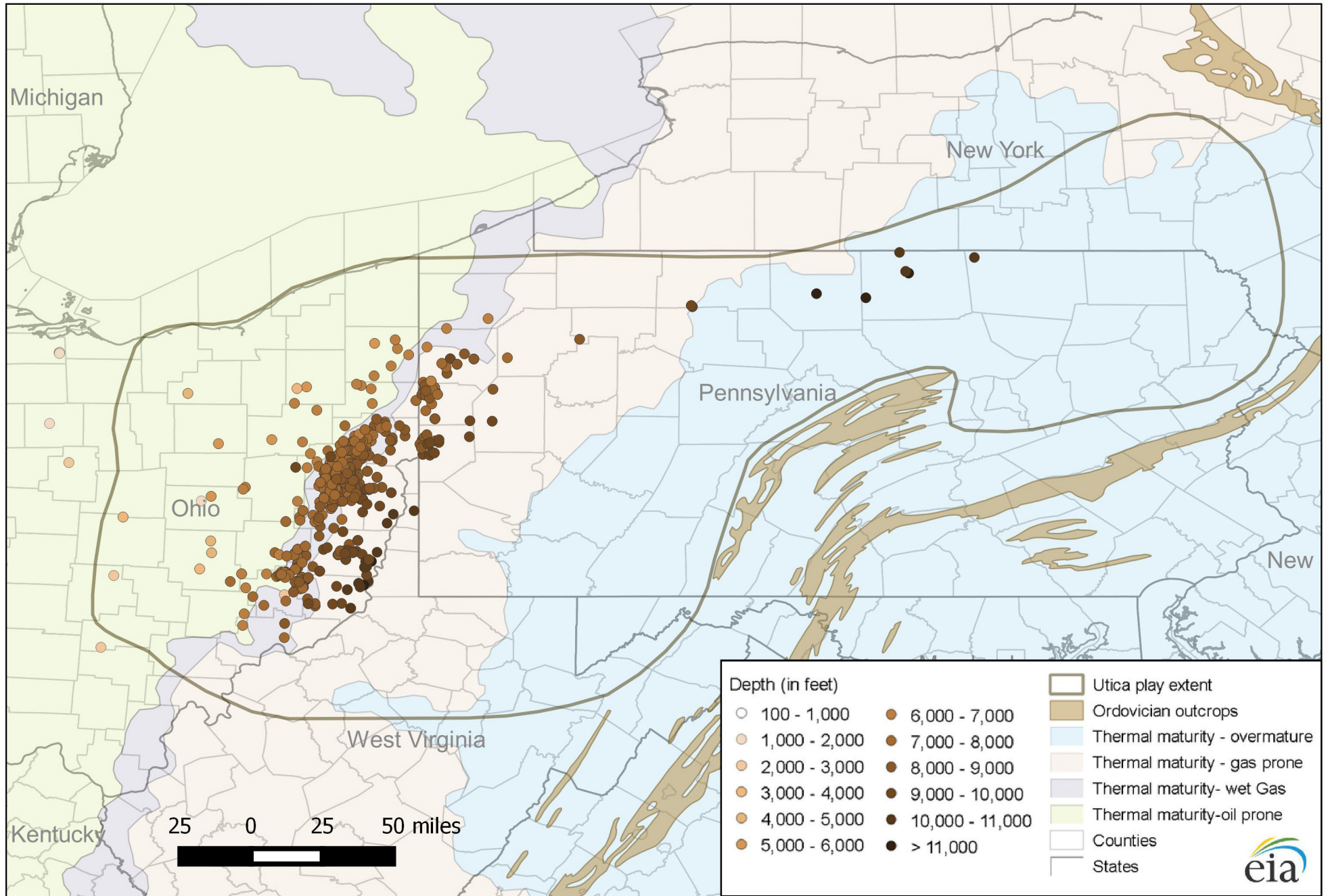


Depth to the top of the Utica formation in feet and thermal maturity



Source: U.S. Energy Information Administration based on DrillingInfo Inc., Appalachian Oil and Natural Gas Research Consortium, U.S. Geological Survey, and various state agencies.