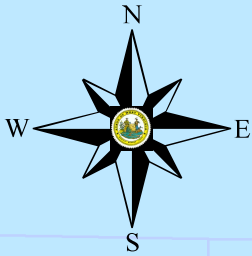


# Marcellus Shale in West Virginia



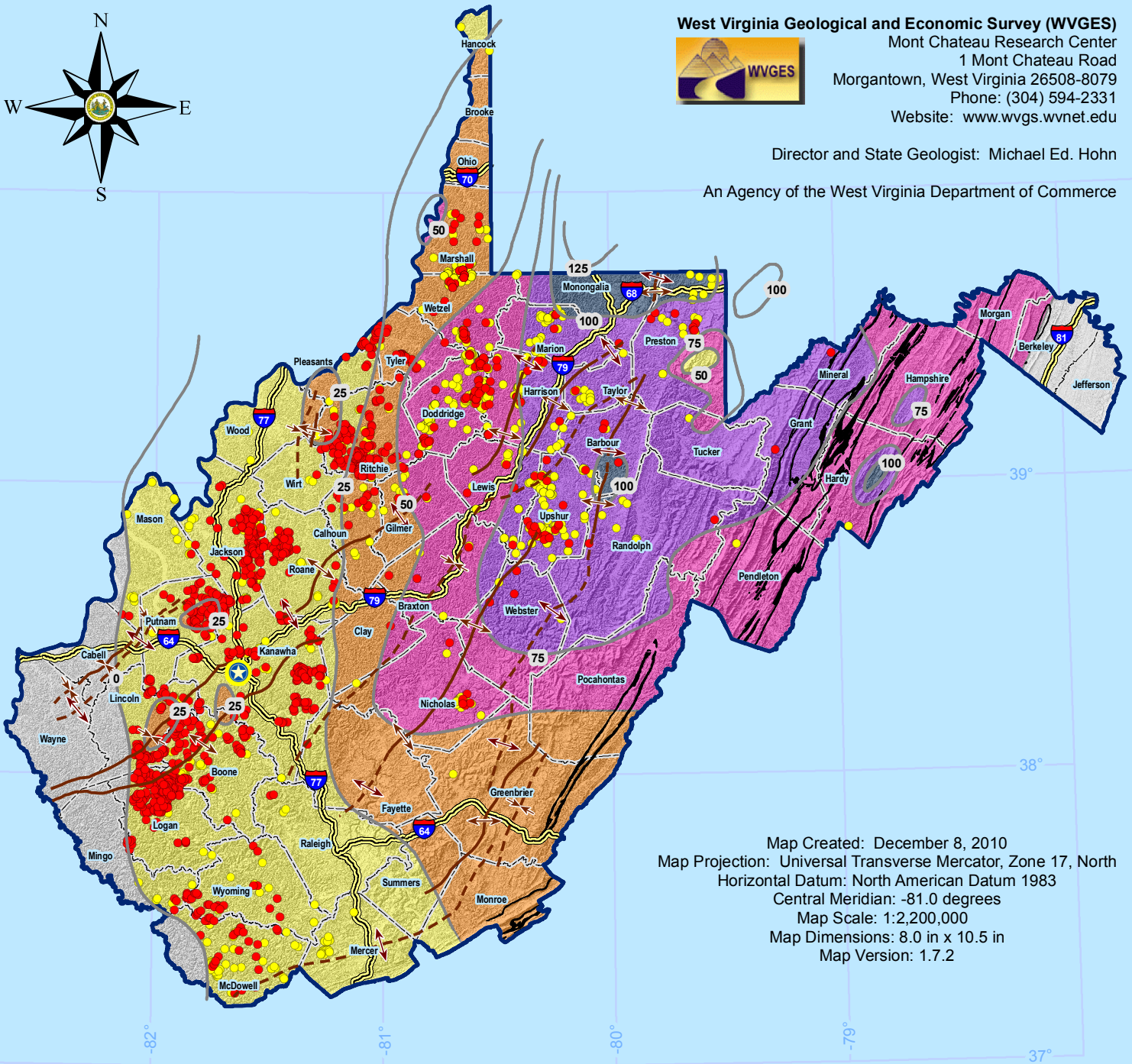
West Virginia Geological and Economic Survey (WVGES)



Mont Chateau Research Center  
1 Mont Chateau Road  
Morgantown, West Virginia 26508-8079  
Phone: (304) 594-2331  
Website: [www.wvgs.wvnet.edu](http://www.wvgs.wvnet.edu)

Director and State Geologist: Michael Ed. Hohn

An Agency of the West Virginia Department of Commerce



Map Created: December 8, 2010  
Map Projection: Universal Transverse Mercator, Zone 17, North  
Horizontal Datum: North American Datum 1983  
Central Meridian: -81.0 degrees  
Map Scale: 1:2,200,000  
Map Dimensions: 8.0 in x 10.5 in  
Map Version: 1.7.2

## Legend

Charleston, WV (State Capital)

Latitude / Longitude (1°)

State Boundary

County Boundaries

Interstate Highways

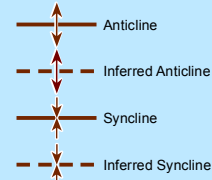
Completed Wells - with a Marcellus Pay Zone  
*(as of April 1, 2010)*

Permitted Wells - Marcellus/Devonian Shale & Deeper  
*(as of April 1, 2010)*

Selected Shale (Hamilton) Thickness Contour (25 ft.)

Marcellus Outcrop

**Onondaga Fold Axis**  
*(Top of the Onondaga is the base of the Marcellus)*



**Thickness of Selected Shale within the Hamilton Group**  
*(Marcellus is a unit in the Hamilton Group)*

