

OUTSTANDING GEOLOGIC FEATURE OF PENNSYLVANIA

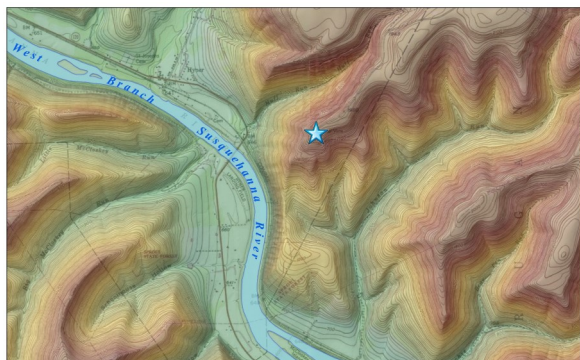
HYNER VIEW, CLINTON COUNTY

Stuart O. Reese, 2016



Location

Hyner View State Park, Hyner, Clinton Co., Chapman Twp.,
lat: 41.3265, lon: -77.6236; Glen Union 7.5-minute quadrangle



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Recommended Reading

[Hyner View State Park](#) web page of DCNR.

Geology

The rugged landscape seen from Hyner View State Park in Clinton County, Pennsylvania is characteristic of the Deep Valleys section of the Appalachian Plateaus physiographic province. The section is composed of deep, narrow, steep-sloped valleys that are separated by narrow to broad uplands.

The uplands near Hyner View (seen in the photographs below) are underlain by sandstones more than 350 million years old and have upper surface elevations of 2,050 to 2,150 feet. The valley is occupied by the West Branch Susquehanna River, flowing at an elevation of about 600 feet.

Meander bends work to lower the elevation of the landscape by eroding the base of the hillsides. In this fashion, the hillsides gradually become very steep. The slopes of the meander-bend hillsides are about 60 percent (vertical distance divided by horizontal distance) and are susceptible to landslides.

The town of Hyner, the railroad, and the highway (right foreground of the photograph below) are all on an alluvial plain formed by debris brought into the river by Hyner Run and Dry Run. The accumulated debris from these tributaries has forced the river to bend south, where it is cutting into the base of the hillside on the south side of the river.



Top: Looking west across the West Branch Susquehanna River. The river is flowing toward the viewer.

Bottom: View of the river to the south-southwest.

Photographs by Peter Reynier, Pennsylvania Geological

