

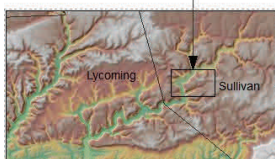
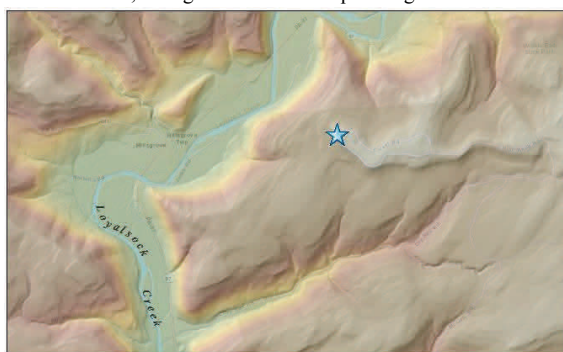


HIGH KNOB OVERLOOK SULLIVAN COUNTY

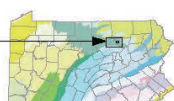


Location

1860 High Knob Rd., Muncy Valley, Pa., Loyalsock State Forest, Sullivan County, Hillsgrove Twp., lat: 41.44378, lon: -76.67861; Hillsgrove 7.5-minute quadrangle



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Geology

High Knob Overlook, at nearly 2,000 feet elevation, provides an outstanding view of the rugged terrain of the Deep Valleys section of the Appalachian Plateaus physiographic province. The bedrock in the area is basically flat-lying. The sandstone and siltstone of the Mauch Chunk Formation (Mississippian age) underlie the overlook point. Below the Mauch Chunk are the Burgoon Sandstone and Huntley Mountain Formation, both of which comprise most of the slopes that can be seen. The floor of the Loyalsock Valley to the west is underlain by Catskill Formation red and gray shale, siltstone, and sandstone. These four bedrock units account for most of bedrock of the terrain that is visible from the overlook. Sandstone and conglomerate of the Pottsville Formation (Pennsylvanian age) underlie the highest elevations of the area to the north and east. Ice advanced across the entire area in a south-southwest direction during the Wisconsin glacialiation about 20,000 years ago.



View looking to the southwest over Loyalsock Creek valley in the Deep Valleys physiographic section. The relief of the area is approximately 1,200 feet. On a clear day, a sliver of Bald Eagle Mountain in Clinton County may be seen, more than 40 miles away. Most of the bedrock of the foreground is underlain by Burgoon Sandstone. The flatter area to the left is covered by glacial till, which is up to 30 feet thick. For some of the tributary valleys to Loyalsock Creek, glacial till is more than 100 feet thick.

Recommended Reading

Braun, D. D., 2005, Surficial geology of the Hillsgrove 7.5-minute quadrangle, Sullivan and Lycoming Counties, Pennsylvania: Pennsylvania Geological Survey, 4th ser., [Open-File Report OFSM 05-01.0](#), 15 p.

Royer, W., 1980, Worlds End State Park, Sullivan County—Geologic features of interest, Pennsylvania Geological Survey, 4th ser., [Park Guide 12](#).

For information regarding outstanding geologic features, contact the Pennsylvania Geological Survey:

Bureau of Topographic and Geologic Survey, 3240 Schoolhouse Rd., Middletown, PA 17057

717-702-2017 www.dcnr.state.pa.us/topogeo

Visit the [Loyalsock State Forest](#) web page of DCNR.