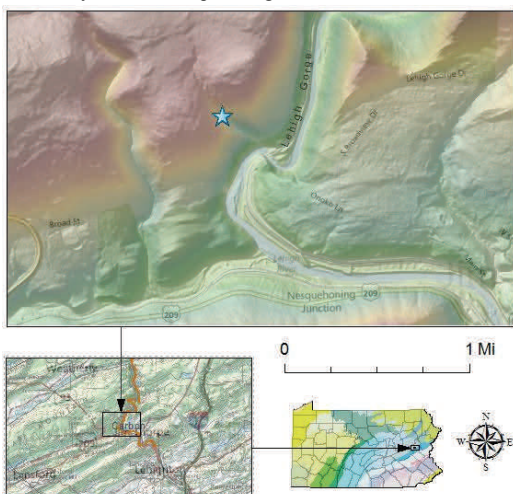




GLEN ONOKO CARBON COUNTY

Location

PA State Game Lands 141, Carbon County, Lehigh Twp, lat: 40.8835, lon: -75.75914 (parking); lat: 40.8838, lon: -75.7604, Weatherly 7.5-minute quadrangle



Geology

Glen Onoko is a rugged, narrow, steep-walled side ravine in the Lehigh Gorge. High waterfalls and outcrops of the Pocono Formation are some of the scenic highlights. The small Glen Onoko Run cascades down the ravine to the Lehigh River below.

Three main waterfalls are in the upper third of the ravine. Near the top is the 25-foot Cave Falls. Below that is the highest waterfalls in the glen: the 60-foot Onoko Falls. Just below Onoko Falls is the 40-foot high Chameleon Falls. Total relief in the glen is about 900 feet.

The resistant Pocono Formation is composed of white quartz sandstone and conglomerate. Large blocks and boulders are common. Prominent crossbeds and joints can be seen in the rocks along the trail. Fossil plant stems and trunks occur in the rocks, which are tilted about 10 - 20 degrees to the southeast.



Left: photograph shows steep terrain from Glen Onoko, looking south from near the top of the trail. Right: Onoko Falls and the rocks of the Pocono Formation.

Warning signs are placed on the glen trail noting the dangerous conditions along the steep portions of the glen and that “hikers have been seriously injured and killed.” The trail is not maintained.

Recommended Reading

Inners, J. D., 1998, Rocks and ruins of the “Upper Grand” – An illustrated trail guide to the geology and historical archeology of Lehigh Gorge State Park, Northeastern Pennsylvania: Pennsylvania Geological Survey, 4th ser., [Open-File Report 98-03](#), 62 p.

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 [Lehigh Gorge State Park](#) web page of DCNR.