

# Discover Fall – Scenic Driving Tour Northern Loop



## Planning For Your Trip:

- Check the Laurel Highlands Visitor Bureau website at: [www.laurelhighlands.org](http://www.laurelhighlands.org), Greater Johnstown Convention and Visitors Bureau website at: [www.visitjohnstownpa.com](http://www.visitjohnstownpa.com) and the state parks and forests website at: [www.dcnr.state.pa.us](http://www.dcnr.state.pa.us) for maps and updated information.
- Check the fall foliage web cam to check peak color at: [www.fallinpa.com](http://www.fallinpa.com).
- Dress for the weather and activities. The Laurel Highlands can be 8 to 10 degrees cooler than other areas.
- Check the October Fall Events section for dates of local events and note that traffic will be heavy in these areas at this time.
- Note that there is limited cell service in some areas.
- Be aware that some GPS software programs do not display coordinates accurately in this region.
- Bring maps of the driving tour, the local towns and the Laurel Highlands area.
- Bring a camera to capture the beauty of fall.

This approximately 125 mile loop is the quintessential “leaf peeper” road trip. The tour closely follows the ridge offering views at every turn. Highlights include a stop at the 3<sup>rd</sup> deepest gorge in Pennsylvania, a ride on the world’s steepest vehicular incline, a walk to a bog and a pleasant drive through and past 4 state parks and a state forest. Allow a minimum of 4 hours to complete the tour.

- Begin at Donegal (Exit 91 of the PA Turnpike)
- Drive Route 711 North (Laurel Highlands Scenic Byway) to Ligonier
- Go around the town square (take second RIGHT) to continue on Route 711 North

## The Laurel Ridge

The Laurel Ridge seen on your right is known geologically as the Laurel Hill Anticline. It spans more than 70 miles and runs in a northeast to southwest direction extending from Cambria County in the northeast to beyond Ohiopyle in the south.

When the earth’s continents collided 300-220 million years ago the layers of rock folded into alternating ridges and troughs called anticlines and synclines. This folding produced the area we call the Laurel Highlands with its prominent anticline ridges – Laurel Ridge, Chestnut Ridge (to the west) and Allegheny Ridge (to the east) with rock layers at the top that are resistant to erosion.

Due to the steep slopes of the Laurel Ridge and the difficulty of reaching some areas, it is primarily heavily forested. Seven state parks and a state forest along this ridge ensure its continued conservation.

**Laurel Ridge State Park** with its main feature of the 70-mile Laurel Highlands Hiking Trail runs the length of the ridge taking advantage of the flat crest of the ridge providing backpackers and day hikers a wilderness experience with the reward of stunning views. The elevation and the ridges provide an ideal location for ski resorts that rely on the climate for winter recreation.

As you continue you cross the ridge several times. Look for these views of the ridge, the abundance of trees and the variety of fall color.

- Turn RIGHT at New Florence to continue on Route 711 North to Seward



**October Fall Events** along the driving tour:

- **Ligonier – Fort Ligonier Days**  
Oct 12<sup>th</sup>-14<sup>th</sup>, 2012
- **Laughlintown – Compass Inn Haunted Halloween Storytelling**  
October 26<sup>th</sup>-28<sup>th</sup>, 2012

**Gas, ATMs and restrooms**

available in Donegal, Ligonier, New Florence, Seward, Johnstown, and Waterford

Information on **dining and lodging options** available at Donegal, Ligonier, Johnstown, Laughlintown and Somerset can be found at:

[www.laurelhighlands.org](http://www.laurelhighlands.org)  
[www.mountainlaurelchamber.com](http://www.mountainlaurelchamber.com)  
[www.ligonier.com](http://www.ligonier.com)  
[www.visitjohnstownpa.com](http://www.visitjohnstownpa.com)

Information on **cabin rentals** in Linn Run State Park or **camping** in Forbes State Forest can be found at:  
<http://www.dcnr.state.pa.us/stateparks/findapark/linnrun/index.htm>  
and  
<http://www.dcnr.state.pa.us/forestry/stateforests/forbes/index.htm>

## Fall Foliage – Why and How Leaves Change Color

Did you ever wonder how and why leaves change color? Why a maple leaf turns bright red? Where do the yellows and oranges come from?

Leaves are nature's food factories. Through photosynthesis, plants take water and carbon dioxide and use sunlight to make oxygen and glucose. A chemical called chlorophyll makes photosynthesis happen and is what gives plants their green color. As summer ends and autumn comes, the days get shorter. Trees shut down their food-making factories. The green chlorophyll disappears from the leaves. As the bright green fades, we see yellow and orange colors. The orange colors come from carotene pigments and the yellows from xanthophyll pigments. Small amounts of these colors are in the leaves but we can't see them in the summer because they are covered up by the green chlorophyll. The yellow and gold colors remain fairly constant from year to year since they are always present in the leaves.

The bright reds and purples are derived from anthocyanin pigments that develop in leaf cells in late summer. Sugars in the leaf begin to breakdown in bright sunlight as phosphate and other chemicals decrease in the leaf. The brighter the light during this period, the greater the production of anthocyanins and the more brilliant the resulting colors of reds and purples.

The most spectacular fall foliage results when late summer is dry and autumn has bright sunny days and cool (low 40 degree) nights. A fall with cloudy days and warm nights brings drab colors. Early frosts or a wind storm will quickly end any fall color display.

- Turn **RIGHT** on Route 56 East and travel approximately 5 miles to the overlook parking on **LEFT**

## Conemaugh Gap

You drove over the Laurel Ridge to reach this site. Travel through the region requires going over or in some cases through the ridge.

The Conemaugh River originates 3 miles east of here at the confluence of the Little Conemaugh and Stoneycreek rivers in Johnstown and flows west towards Saltsburg to the Kiskiminetas River. The river has cut through the ridge eroding its soft brownish-gray rock layers of sandstone, siltstone and shale while the top of the ridge comprised of massive sandstone boulders that are erosion resistant remains. The resulting gap reveals millions of years of geologic history in the exposed Devonian age rocks.

The Conemaugh Gap receives its name from the river. Derived from the Delaware Indian word “Conunmoch” meaning otter, this river cuts a deep, narrow gap through the Laurel Ridge forming the 3<sup>rd</sup> deepest gorge in Pennsylvania. The gorge measures 7 miles long and 1,650 feet deep. This gorge is locally known as Sang Hollow because of the abundance of ginseng that once grew here.

As you leave this area notice the topography as you wind down to the river valley.

- Turn LEFT to continue on Route 56 East to Johnstown and drive 4 miles following signs for Routes 56/403 to the inclined plane

### **Johnstown Inclined Plane**

Ride 900 feet above the river valley on the world's steepest vehicular inclined plane for a view of the confluence of the Stonycreek and Little Conemaugh Rivers and the spectacular fall foliage on the surrounding ridges. Both vehicles and pedestrians can use the inclined plane. Purchase a roundtrip ticket or a one-way ticket if you plan to drive or hike back down. More information and hours of operation can be found at: [www.inclinedplane.org](http://www.inclinedplane.org) or 814-536-1816.

- Turn RIGHT out of parking area and travel approximately 2.2 miles
- Turn LEFT to stay on Route 403
- Turn RIGHT onto Route 271 South to Waterford

### **The Highlands**

After crossing the summit, the ridge to your left prior to reaching Waterford is the Laurel Ridge. It is one of three ridges that define this area.

This area, geologically known as the Allegheny Plateau consists of high ridges with flat tops separated by valleys with steep sides as a result of the folding that occurred when the continents collided. This entire region was then lifted up into mountains as tall as today's Andes Mountains in South America forming the highlands. Over the millennia the ridges have eroded down to their present elevation.

Elevation and the ridges play a key role in the climate of the Laurel Highlands. It is often cooler and wetter than climates in the surrounding areas. On average temperatures can be 8 to 10 degrees cooler. The ridges create barriers that dramatically affect the weather which can result in one side of the ridge receiving abundant rain or snow while the other side is dry. Average temperature for October is a high of 62 degrees and a low of 41 degrees. Snowfall in October can be 1 to 3 inches.

As you travel to your next destination notice the characteristic terrain of the highlands as you drive over high ridges and into the valleys between.

- Turn LEFT at Kinsey Museum (log building) onto Nature Run Road to Laughlintown

Need a snack and want to try a local favorite? Stop for a pumpkin gob at the **Laughlintown Pie Shoppe** (on left at intersection with Route 30)

### **Gobs**

A gob is a mining term that refers to a coal refuse pile but is also a name given to a regional dessert. These little cakes with the cream filling can be traced back to Germany and this local favorite is an adaptation of whoopee pies of the Pennsylvania Dutch. In the 1920s the Harris and Boyer Bakery of Johnstown named these desserts gobs which proved to be the perfect lunchbox snack for the coalminers of the time. The original consists of two small devils food chocolate cakes with white cream filling but there are many variations including the pumpkin gob with its cream cheese filling.

- Turn LEFT onto Route 30 East (Lincoln Highway) and travel 4.4 miles to crest of hill
- Turn RIGHT onto Laurel Summit Road and past **Laurel Mountain State Park** (road becomes gravel road) and drive 2 miles into **Forbes State Forest** to **Beam Rocks** trailhead parking lot on LEFT.

## **Beam Rocks Overlook**

This popular rock out-cropping on Forbes State Forest provides a panoramic view of Beam Run hollow, Somerset County to the east, and the surrounding landscape of the Laurel Ridge. Beam Rocks is easily accessible by hiking the ½ mile, relatively flat Beam Rocks Trail to the rocks.

Beam Rocks is maintained in its natural state. Some of the paths within the rocks lead to sudden drop offs. In the fall the wet leaves can make these areas extremely slippery. Also, look for rattlesnakes that often sun themselves on the warm rocks.

This sandstone rock formation sits at an elevation of 2,657 feet. The 70 mile Laurel Highlands Hiking Trail passes along the base of this outcrop 75 feet below you. The narrow pathways through the moss-covered rock lead you to areas filled with rhododendron and hemlock. Look for the uncommon, high-elevation Mountain Ash a small tree that can have dull red or rich yellow leaves and clusters of bright red fruits. Look overhead to see soaring hawks or eagles.

The spectacular views from here contribute to the popularity of this site for hiking and enjoying the view. A quieter view with more wildlife viewing opportunities can be found at your next destination at Wolf Rocks.

- Continue on Laurel Summit Road to **Laurel Summit State Park**
- Park in lot and hike to **Spruce Flats Bog** or the **Wolf Rocks Overlook**

## **Spruce Flats Bog and Wildlife Area**

This 28-acre bog is easily accessible by hiking the ¼ mile, flat Bog Trail. The trail follows the old Pittsburgh Westmoreland & Somerset Railroad that traveled across the bog early 1900s. A boardwalk located at the end of this trail reaches out into the bog.

Spruce Flats Bog and adjoining Spruce Flats were misnamed. Early in the 20th century, lumbermen found a forest of virgin hemlock which they misnamed "spruce" growing on the flats.

The origin of the bog is obscure. Past geologic activity left a depression on top of Laurel Ridge. This depression passed through natural succession from open water to swamp, to bog, to meadow and finally to forest. Lumberman clear-cut the forest causing the water table to rise. Evapotranspiration from the tree leaves had been the major method by which water was removed from the depression. Devastating fires around the same time burned away the upper layers of organic matter on the forest floor above the water table. These events recreated the bog. Although the original depth of the bog is unknown current depth is 6 to 8 inches of peat covering almost 2½ feet of muck. Bogs are characterized by limited nutrients, acidic soils and large amounts of organic matter. These growing conditions determine the types of plants that can grow here. Plants found here are often more typical further north and include: large cranberry, cotton grass and the insect-eating pitcher plant and sundew.

The 300 acres surrounding the bog is managed for wildlife habitat and is designated as a Wildlife Area.

## **Wolf Rocks Overlook**

This little-known rock out-cropping on Forbes State Forest provides a spectacular view of Linn Run hollow and the Chestnut Ridge beyond. Wolf Rocks is accessible by hiking the 2 mile, relatively flat Wolf Rocks Trail to the overlook. This trail is recommended for intermediate hikers because although it has a gentle grade, there is rough footing. Hiking boots are strongly encouraged.

The trail follows the rocky ridge through mountain laurel and rhododendron. Wolf Rocks is maintained in its natural state. The rock formation drops sharply to the forest trees below. In the fall wet leaves can make these areas extremely slippery. For this reason, use caution while at the rocks.

Wolf Rocks is located along the slope on the western edge of the Laurel Ridge at an elevation of 2,600 feet. The sandstone rock outcropping extends approximately 100 feet and is characterized by frost cracks, frost wedging and slippage, evidence of its geologic formation. Most of the forest land that makes up Forbes State Forest was purchased from lumber companies. The 8,532 acres surrounding the outcrop was purchased by the Commonwealth of Pennsylvania in 1909 from the Byers-Allen Lumber Company. This land was the first parcel of state forest land purchased in the Ohio River Watershed.

Look for wildlife as you hike along the trail. Sightings include white-tailed deer, black bears and bobcats. Note that hunting is permitted in Forbes State Forest.

- Continue on Laurel Summit Road which becomes Linn Run Road and follow Linn Run Road thru **Linn Run State Park**

### **A Transitional Forest - Melting Pot of two Forest Types**

Most would agree: the sugar maple is the “King of Autumn”. Most of southern Pennsylvania is covered with Oak-Hickory dominated forests. However, the Laurel Highlands’ unique elevated terrain brings some of the Northern Hardwood forest species, like sugar maple, into southern Pennsylvania creating a diverse splash of color in the fall.

The forest species that grow within a certain region are dictated by topography, elevation, available sunlight, slope position, rainfall, and soil characteristics. The many elevation changes in the Laurel Highlands create a melting pot of Pennsylvania’s northern and southern tree species. The highest plateaus are covered with northern hardwood species, such as sugar maple, American beech, red maple, black cherry, sweet birch, northern red oak, and white ash. The valleys, lower elevations, and side slopes are covered with the oak-hickory forest type which consists of northern red oak, red maple, black oak, white oak, chestnut oak, hickory, sweet birch, white ash, American beech, and yellow poplar.

In the Laurel Highlands the highest ridge tops peak about a week before the valleys and side slopes. In general, fall color in the Laurel Highlands peaks around October 15-20<sup>th</sup>. Blackgums and some red maples peak around October 1-10<sup>th</sup>. Most red maples, sugar maples, black cherries, and sweet birches peak around October 10-20<sup>th</sup>. Red oaks, white oaks, chestnut oaks, yellow poplars, and beeches peak around October 20-30<sup>th</sup>.

With this widely diverse mix of tree species, especially the abundance of sugar maples and red maples, some say the peak of fall color in the Laurel Highlands rivals some of the New England states in the Northeast.

- From park office travel approximately 4 miles to “T” intersection
- Turn LEFT on Route 381 South
- Turn RIGHT onto Route 31 West to return to Donegal

*This scenic driving tour is part of the Laurel Highlands Conservation Landscape Initiative. Join us on Facebook at: <https://www.facebook.com/pages/Laurel-Highlands-Conservation-Landscape-Initiative/119716197330> and post photos and comments about your experiences on the tour!*