

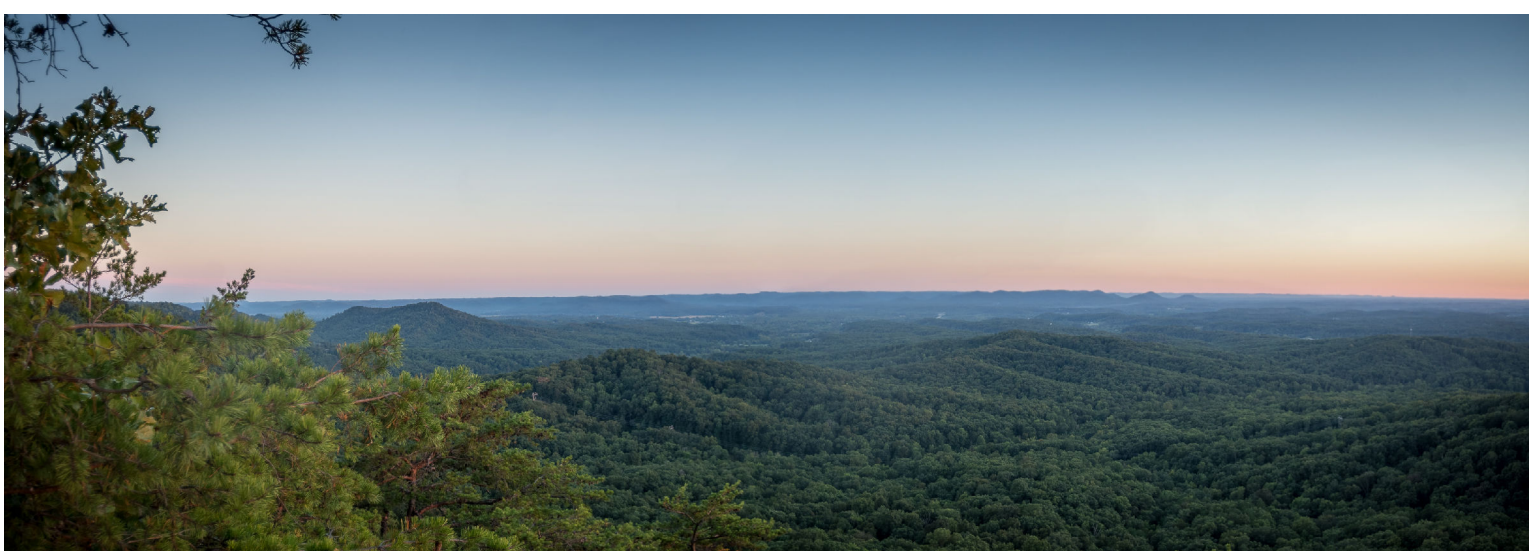
# Pilot Knob State Nature Preserve

## Scenic Areas in Powell County, Kentucky



- |                          |                           |                                       |
|--------------------------|---------------------------|---------------------------------------|
| <b>Public trails</b>     | <b>Scenic Index</b>       | Pilot Knob SNP boundary               |
| Pilot Knob Trail, 1.2 mi | Can see sunset or sunrise | 10-foot contour interval, 50-ft index |
| Sage Brush Trail, 2.0 mi | Spot elevation            |                                       |

This map is a project for NRE 355, a GIS class at the University of Kentucky. On September 21, 2016, the class GPS mapped the trail network at Pilot Knob State Nature Preserve. We created an NDVI raster using 2016 NAIP aerial photography and a Hillshade raster from 10-meter DEM showing areas of illumination during an equinox sunrise and sunset. A scenic index was calculated by finding areas with no or thin canopy and illumination during an equinox sunrise and sunset. This map is a geospatial PDF and was compiled by Boyd Shearer, October 2016.



View from scenic overlook



NRE 355, Fall 2016



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