

Geology of Jeptha Knob Outer Bluegrass Region

Faults have been mapped at the surface around Jeptha Knob in the southeastern part of Shelby County. The ring of faults at Jeptha Knob were most likely formed from the eroded remnants of an ancient meteor or comet impact (www.uky.edu/KGS/education/meteorites.htm). The impact is interpreted to have formed more than 440 million years ago. It resulted in bedrock being uplifted in some fault blocks that were more resistant to erosion than surrounding rock layers. Over time, Jeptha Knob was formed in the resistant layers.

