



Virginia

3D Elevation Program

The mission of the 3D Elevation Program (3DEP) is to respond to growing needs for current, high-quality topographic data and a wide range of other three-dimensional (3D) representations of the Nation's natural and constructed features. In Virginia, light detection and ranging (lidar) data can be used for urban and regional planning, natural resources management, flood risk management, agriculture and precision farming, resource mining, and other applications. The acquisition of 3DEP data is a communitywide effort supported by State, Federal, and other partnerships. This map combines 3DEP data published as of February 2025 with older datasets as needed. For more information, refer to usgs.gov/3DEP or scan the quick-response (QR) code below.

