

Intermap Technologies® hillshade image provides a visual representation of the topographic relief for your area of interest. While many terrain representations or user-generated hillshade images are built from coarse-resolution data, our hillshade image is based on our NEXTMap® digital terrain models (DTMs) – enabling a more accurate and detailed picture of the topography. Our hillshade image can help you save time from aggregating and converting elevation data yourself; it is ready to use and customized to fit your specific needs.

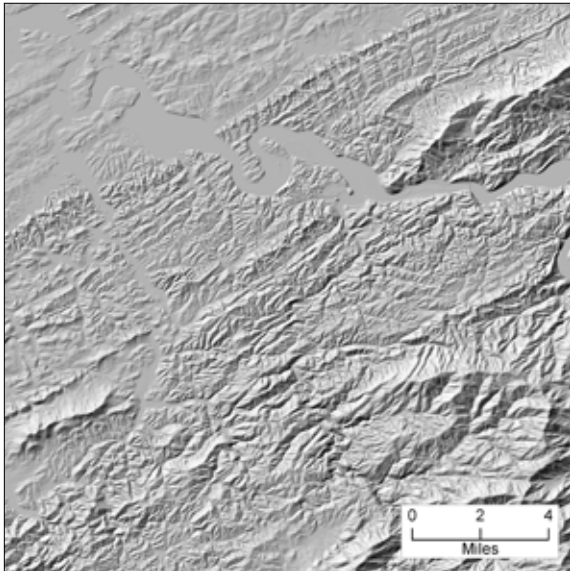
The hillshade image is created by casting shadows on the slope of the land to graphically enhance its relief; the terrain features are accentuated and can be easily interpreted. It is used for visualization purposes since the actual elevation data is not contained in the image. This image offers a cost-effective option if you are interested only in the visual appearance of the terrain.

CURRENT AND DETAILED IMAGE, WELL-SUITED FOR VISUALIZATION PURPOSES

Our hillshade image is ideal for many applications including hiking, site planning, presentations, and plotting. Whether you use it as a reference layer for 2D maps or for 3D-based visualizations, it can be created for your particular application. It is available in grayscale or custom color schemes, and our image can also be fused with other user-provided vector layers (e.g. road networks, hydrology – geo-referenced to our elevation data) to illustrate analyses or to create visually appealing topographic maps.

BUILT ON THE FOUNDATION OF NEXTMAP

Our hillshade image is generated from our best-of-breed NEXTMap 3D terrain data for the world. NEXTMap includes digital elevation models and orthorectified radar images that are derived from multiple sensor technologies and optimized to ensure seamlessness and consistency. The data is wide-area and current – with vertical accuracies starting at 1m LE90%.



Hillshade image derived from a NEXTMap digital terrain model (DTM) for a unique view of the landscape.

INSTANT ACCESS VIA WEB SERVICES

Our web services enable you to immediately access NEXTMap products and services for your area of interest. Since the products and services are hosted and stored in the cloud, costs and resources associated with storing and managing large datasets locally can be reduced. Our NEXTMap database is updated twice a year to integrate newly available, best-of-breed 3D terrain information – providing you with the most current information available. In addition, we offer NEXTMap-based online tools that allow users to perform simple analyses from any web browser and make better terrain-based decisions without the need for any GIS software. Our NEXTMap products and services are available via our web services as a one-time purchase or a variety of subscription plans – helping you to save time and money. Intermap's web services enable you to easily subscribe and access the terrain-based information you need, when you need it.

LEARN MORE

For more information about how you can benefit from Intermap's hillshade image for your geospatial needs, please contact your Intermap representative or an Intermap business partner.