

Slope and aspect maps are typically created by GIS analysts before they can perform analyses. They are often created with publicly available elevation data, which, in many cases, does not provide the detail or currency needed for accurate slope / aspect analyses. Intermap Technologies' slope and aspect maps are based on our seamless NEXTMap® digital terrain model (DTM) to provide detailed terrain representations. These ready-to-use maps enable you to more quickly and accurately evaluate the terrain.

SAVE TIME WITH QUICK AND EFFECTIVE TERRAIN ANALYSES

Slope maps use our NEXTMap DTM to derive and characterize the degree of terrain slope, classified by 0-10, 11-20, 21-30 and >30 degrees. Aspect maps use our NEXTMap DTM to graphically display the cardinal direction (north, south, east, or west) of the slope. The aspect helps define the amount of sunlight striking the surface of the terrain.

Our slope and aspect maps enable you to quickly evaluate the slope and / or aspect of the terrain for a variety of applications, such as:

- Examining the steepness and / or direction of slope
- Determining the speed and direction of runoff from snow melt
- Estimating rain (or, in some cases, chemical spills or leaks) runoff and direction
- Identifying areas at risk for landslides, avalanche, wildfires, and other hazards
- Distinguishing sites with maximum or minimum sun exposure
- Identifying possible suitable landing sites for emergency response helicopters

BUILT ON THE FOUNDATION OF NEXTMAP

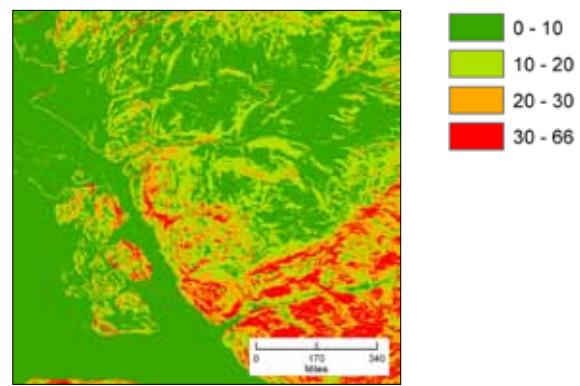
Our slope and aspect maps are generated from our best-of-breed NEXTMap 3D terrain data for the world. NEXTMap includes digital elevation models and orthorectified radar images that are derived from multiple sensor technologies and optimized to ensure seamlessness and consistency. The data is wide-area and current – with vertical accuracies starting at 1m LE90%. Our NEXTMap database is updated twice a year to integrate newly available, best-of-breed 3D terrain information – providing you with the most current data available.

FLEXIBLE PRICING AND DELIVERY

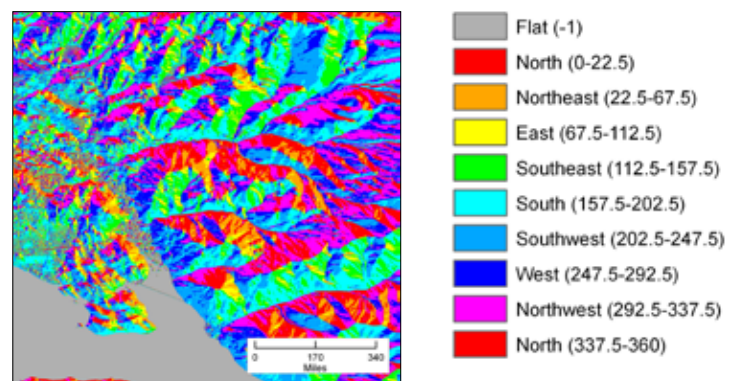
Our slope and aspect maps are available as a built-to-order data layer via our custom subscription plan and delivered via FTP or hard drive – helping you to save production time and reduce costs. We'll help you customize a plan with the product offerings that fit your project needs.

LEARN MORE

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



Color-coded slope map representing the terrain's degree of slope.



Color-coded aspect map representing the cardinal direction of the terrain.