

Steep Slopes



Town of Hebron, NH Planning Board Natural Resources Mapping



Legend

- Newfound Lake Watershed
- Municipal Boundary
- Tax Parcels
- Road Network
- Class 6 Roads
- Streams
- Lakes & Ponds
- Conservation & Public Lands
- Slope 15 - 25%
- Slope >25%

Steep Slopes

Hebron has extensive areas of steep slopes and complex terrain that limit development opportunities in areas of the town. Slopes in excess of 25% gradient (a rise of one foot or more in a horizontal run of four feet) cover about 1,900 acres, or 17% of the town. As a rule of thumb in community planning, these steep slopes are inappropriate for development in terms of new roads and building sites due to cost and erosion hazard (see **Highly Erodible Soils** map).

A transitional area of slopes 15 to 25% is shown on the maps as a cautionary note; these areas require engineering assistance to fit development proposals to the terrain, especially in the higher end of the slope range. The 15 to 25% slopes cover an additional 3,480 acres of land in Hebron, and combined with slopes >25%, affect the development potential in about 47% of the town.

Note the "halo" effect of slopes 15% to 25% surrounding steep slopes >25%, extending across most of the town. This indicates consistently steep and complex topography in these areas.

Slope data is developed from a USGS digital elevation model with an elevation point every 30 feet on the ground.

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Mapping & Analysis by
GreenFire GIS



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