

Climatic and Geographic Design Criteria

Union County

For municipalities located in Union County and administered by Light-Heigel & Associates, Inc., new construction and alterations must adhere to the following climatic and geographic design criteria:

Ground Snow Load(1)	Wind Speed (mph)	Seismic Design Category	Concrete Weathering	Frost Line Depth(1)	Termite	Decay
30 psf	90	B	Severe	40"	Moderate To Heavy	Slight To Moderate

Winter Design Temp.	Ice Shield Underlayment Required	Flood Hazards	Climate Zone	Radon Potential	Air Freezing Index	Mean Annual Temp.
0 Deg. Fahrenheit	Yes	Check with Municipality	13B	High	1000	55

(1) Set by local jurisdiction.

Note: Use Soil Load-bearing value of 1,500 psf for footing design unless a formal Geo-Technical Report indicates otherwise.

Winter, Design Dry-bulb (°F)	Summer, Design Dry-bulb (°F)	Summer, Design Wet-bulb (°F)	Degree days heating	Degree days cooling
10 Deg. Fahrenheit	89 Deg. Fahrenheit	72 Deg. Fahrenheit	6160	700

