



Town of Amherst, New Hampshire
Office of Community Development
Building · Code Enforcement · Planning · Zoning · Economic Development

International Residential Code's Table R301.2 (1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA
For Amherst, New Hampshire

Climate Zone	5-A
Ground Snow Load:	70 lbs./ft ² @ 600 ft. elevation (This load <i>only</i> applies at the elevation listed. Adjustment of 2.1 lbs./ft ² for every 100 ft. of elevation difference. Case Study, Feb. 2002, US Army Corps of Engineers)
Wind Design:	
1. Speed	100 mph
2. Topographic Effects	NO
Seismic Design Category	B
Subject to Damage From:	
1. Weathering	Severe
2. Frost Line Depth	4 Feet nominal (48 Inches) minimum
3. Termite	No
Winter Design Temperature:	-3° F
Ice Barrier Underlayment Required:	YES
Flood Hazards:	
1. Jurisdiction's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas)	Town first adopted a flood zone ordinance in 1970
2. Date of the Flood Insurance Study	FIS for Hillsborough County, New Hampshire; effective date 9/25/2009
3. Panel numbers and dates of all currently effective FIRMs	FIRM Panel #'s 344, 345, 361, 362, 363, 364, 456, 457, 459, 476, 477, 478, 479, 483, 486, 487 and 491; all Effective 9/25/09 (http://www.granit.unh.edu/dfirms/d-townhtmls/amherst.html)
Air Freezing Index (Base 32°F/Days):	1,251
Mean Annual Temperature	46.4°F