



TOWN OF CHESTER

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ICC Climatic and Geographic Design Criteria

TABLE R301.2 (1) IRC 2018

Ground Snow Load <i>Ground Snow Loads for NH – Army Corp of Engineers 2002</i>	65 psf
Wind - Speed (mph) 3 sec gust wind speed <i>Requires roof tie-down connectors at each rafter</i>	120 mph
Topographic effects/ Special Wind Region/ Wind-borne debris zone	No
Seismic Design Criteria *site specific soil profiles and site specific usage may impact design criteria	B
Weathering - grade of masonry to be determined from this value	Severe
Frost Line Depth - local (<i>footing depth minimum</i>)	48"
Termite Infestation Probability Mapping	Slight to Moderate
Winter Design Temperature:	-3°
Ice Barrier/Shield Underlayment required:	<u>YES</u>
Flood Hazards - National Flood Insurance Program Flood Plain Development Ordinance - Article 5, Section 5.6 of Chester Zoning Ordinance Flood Hazard Mapping FIRM - as revised May 17, 2005	
Air Freezing Index	2000
Average Mean Temperature (Massabesic Lake)	46.4°
Climatic Zone (as modified by NH Energy Code 2009)	Zone 5