



**Village of Port Chester  
Building Department**  
222 Grace Church Street, Room 202  
Port Chester, New York 10573

Kevin Donohue, Building Inspector  
KCDonohue@PortChesterNY.gov

Phone: (914) 939-5203  
Fax: (914) 939-8747

**Design Criteria**  
**Residential Building Code of New York State 2020**

Table R301.2(1)  
Climatic and Geographic Design Criteria

**TABLE R301.2(1)**  
**CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

GROUND SNOW LOAD <sup>a</sup>	WIND DESIGN				SEISMIC DESIGN CATEGORY <sup>d</sup>	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP <sup>e</sup>	ICE BARRIER UNDERLAYMENT REQUIRED <sup>f</sup>	FLOOD HAZARDS <sup>g</sup>	AIR FREEZING INDEX <sup>h</sup>	MEAN ANNUAL TEMP <sup>i</sup>
	Speed <sup>a</sup> (mph)	Topographic effects <sup>a</sup>	Special wind region <sup>a</sup>	Windborne debris zone <sup>a</sup>		Weathering <sup>c</sup>	Frost line depth <sup>c</sup>	Termite <sup>c</sup>					
20 lb/ft <sup>2</sup>	3-second 120mph	NO	YES	NO	B	Severe	42"	Mod-Heavy	7.7° ASHRAE	YES	9/28/07	1500 or less	52.2°
					<b>MANUAL J DESIGN CRITERIA<sup>a</sup></b>								
Elevation		Latitude		Winter heating	Summer cooling	Altitude correction factor		Indoor design temperature	Design temperature cooling		Heating temperature difference		
39.7'		41.001762		7.7°	96°	NA		72°	75°		64.3°		
Cooling temperature difference		Wind velocity heating	Wind velocity cooling	Coincident wet bulb	Daily range	Winter humidity		Summer humidity					
20		NA	NA	72°	M	NA		94					

- a. Village of Port Chester is in a *Special Wind Region*
- b. NFIP Flood Rate Insurance Map #360928, dated September 28, 2007
- c. Port Chester is in Climate Zone 4A