

Town of Cortlandt
CODE ENFORCEMENT DIVISION
 1 HEADY STREET, CORTLANDT MANOR, NY 10567
 (914) 734-1010

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA (Effective 5/12/2020)

Location: Town of Cortlandt

Zip Code: 10567

Ground Snow Load	Wind Design				Seismic Design Category (RCNY Only)	Subject to Damage From			Winter Design Temp	Ice Barrier Underlayment Req'd	Flood Hazards	Air Freezing Index	Mean Annual Temp
	Speed (mph)	Topo Effects	Special Wind Region	Wind-borne Debris Zone		Weathering	Frost Line Depth	Termite					
30	*Special Wind Region	No	Yes	No	C	Severe	42"	Moderate to Heavy	7	YES	**	1500 or less	51.6

MANUAL J DESIGN CRITERIA

Elevation	Latitude	Winter heating	Summer cooling	Altitude correction factor	Indoor design temperature	Design temperature cooling	Heating temperature difference
436	41	7	87	1	68	75	61
Cooling temperature difference	Wind velocity heating	Wind velocity cooling	Coincident wet bulb	Daily range	Winter humidity	Summer humidity	
12	20.4	7.5	72	M	30	55	

* 115 MPH to 120 MPH, The special wind region should serve as a warning to design professionals in evaluating wind loading conditions. Wind speeds higher than the derived values taken from Chapter 16 of the Building Code and Chapter 3 of the Residential Code are likely to occur and should be considered in the design.

** State if applicable. For Flood Hazards the Design Professional shall state if they are applicable, Y/N. Verify with FIRM Maps. Maps are available in the Engineering Department for review. If yes additional information is required.