

**Town of Ithaca
County of Tompkins
2025 NYS Residential Code of New York State**

Table R301.2

Climate and Geographical Criteria

Ground Snow Load	Wind Design			Seismic Design Category	Subject to Damage From			Ice Barrier Underlayment Required	Flood Zones	Air Freezing Index	Mean Annual Temp		
	Speed (mph)	Topographic effects	Special wind region		Weathering	Frost line depth	Termite						
40 LB / SQ FT (Note: Must add 2 psf for every 100 feet above 1,000 feet.) FIGURE R301.2(6)	110	No	No	A	Severe	48”	No	Yes	Yes	1367	46.1		
Manual J Design Criteria													
Elevation		Altitude correction factor		Coincident wet bulb		Indoor winter design relative humidity		Indoor winter design dry-bulb temperature		Outdoor winter design dry-bulb temperature		Heating temperature difference	
1099		0.97		71		50%		70		0		70	
Latitude		Daily range		Summer design gains		Indoor summer design relative humidity		Indoor summer design dry-bulb temperature		Outdoor summer design dry-bulb temperature		Cooling temperature difference	
42		M		-		50%		75		85		10	
FEMA Flood Insurance Rate Map is available at: https://msc.fema.gov/portal/home													
NYSDEC Environmental Resource Mapper is available at https://gisservices.dec.ny.gov/gis/erm/													
Town of Ithaca Maps https://townithacany.gov/town-county-maps/													
Link to R301.2 foot notes													
The ASCE 7 Hazard Tool can be used, for design for the design criteria instead of the Climate and Geographical Criteria table, and can be found at the following link. https://asce7hazardtool.online/													