

**TABLE R301.2  
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

GROUND SNOW LOAD <sup>a</sup>	WIND DESIGN				SEISMIC DESIGN CATEGORY <sup>f</sup>	SUBJECT TO DAMAGE FROM			ICE BARRIER UNDERLAYMENT REQUIRED <sup>h</sup>	FLOOD HAZARDS <sup>e</sup>	AIR FREEZING INDEX <sup>i</sup>	MEAN ANNUAL TEMP <sup>j</sup>
	Speed <sup>d</sup> (mph)	Topographic effects <sup>k</sup>	Special wind region <sup>l</sup>	Windborne debris zone <sup>m</sup>		Weathering <sup>a</sup>	Frost line depth <sup>b</sup>	Termite <sup>c</sup>				
5 lb/ft <sup>2</sup>	115 (3 sec- gust)/7 6 fastest mile	No	No	No	A	moderate	6"	Very heavy		Local codes	150	64.9 F
<b>[MANUAL J DESIGN CRITERIA<sup>n</sup>]</b>												
Elevation			Altitude correction factor <sup>c</sup>	Coincident wet bulb	Indoor- winter design dry- bulb temperature	Indoor winter design dry-bulb temperature			Outdoor winter design by- bulb temperature		Heating temperature difference	
—			—	—	—	—			—		—	
Latitude			Daily range	Indoor summer design relative humidity	Indoor summer design relative humidity	Indoor summer design dry-bulb temperature			Outdoor summer design dry-bulb temperature		Cooling temperature difference	
—			—	—	—	—			—		—	

For SI: 1 pound per square foot = 0.0479 kPa. 1 mile per hour = 0.447 m/s.

- Where weathering requires a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code, the frost line depth strength required for weathering shall govern. The weathering column [shall be filled in with the weathering index, "negligible," "moderate" or "severe,"] for concrete as determined from Figure R301.2(1). The grade of masonry units shall be determined from ASTM C34, ASTM C55, ASTM C62, ASTM C73, ASTM C90, ASTM C129, ASTM C145, ASTM C216 or ASTM C652.
- Where the frost line depth requires deeper footings than indicated in Figure R403.1(1), the frost line depth strength required for weathering shall govern. The [jurisdiction shall fill in the frost line depth column with the] minimum depth of footing below finish grade.
- The [jurisdiction shall fill in this part of the table to indicate the] need for protection from [depending on whether there has been a history of local] subterranean termite damage.
- The [jurisdiction shall fill in this part of the table with the] wind speed from the basic wind speed map [Figure R301.2(2)]. Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.4.
- The jurisdiction shall fill in this section of the table to establish the design criteria using Table 10A from ACCA Manual J or established criteria determined by the jurisdiction.