

City Amendments to IRC Table R301.2(1), Climatic and Geographic Design Criteria: Table R301.2(1) of the International Residential Code is amended to read as follows:

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

<u>Roof Snow Load¹</u>	<u>Wind Design²</u>		<u>Seismic Design Category³</u>	<u>Subject to Damage From:</u>			<u>Outside Design Temp. – Heat/Cool</u>	<u>Ice Barrier Under-layment Required</u>	<u>Flood Hazards⁵</u>	<u>Air Freezing Index</u>	<u>Mean Annual Temp.</u>
	<u>Speed</u>	<u>Topo-graphic Effects</u>		<u>Weathering⁴</u>	<u>Frost Line Depth</u>	<u>Termite Decay</u>					
25 psf	110 mph	See footnote ²	D2	Moderate	12"	Slight to Moderate	24°F/83°F	No	N/A	113	50°F

Footnotes:

1. When using this roof snow load it will be left to the engineer’s judgment whether to consider drift or sliding snow. However, rain on snow surcharge of five (5) psf must be considered for roof slopes less than five degrees (5°).

2. Wind exposure category and Topographic effects (Wind Speed-up Kzt factor) shall be determined on a site-specific basis by the Design Professional in Responsible Charge (components and cladding need not consider topographic effects unless otherwise determined by the engineer of record).

3. From IRC Table 301.2(1).

4. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.

5. The City of Renton participates in the National Flood Insurance Program (NFIP) as specified in City of Renton Resolution No. 1984, dated April 21, 1975. The City’s Flood Insurance Study is April 19, 2005, and the number and date of current effective Flood Insurance Rate Maps (FIRMS) are as follows:

- 53033CIND0A 04/19/2005
- 53033C0664F 05/16/1995
- 53033C0666F 05/16/1995
- 53033C0668F 05/16/1995
- 53033C0669F 05/16/1995

53033C0957F 05/16/1995
53033C0976F 05/16/1995
53033C0977F 05/16/1995
53033C0978F 05/16/1995
53033C0979F 05/16/1995
53033C0981F 05/16/1995
53033C0982F 05/16/1995
53033C0983F 05/16/1995
53033C0984F 05/16/1995
53033C0986F 05/16/1995
53033C0987F 05/16/1995