

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

Ground and Roof Snow Load	Wind Design*		Seismic Design Category	Subject To Damage From			Winter Design Temp	Ice Barrier Underlayment Required	Flood Hazards	Air Freezing Index	Mean Annual Temp
	Speed (mph)	Topographic Effects		Weathering	Frost line depth	Termite					
Varies See Table	100 mph** Exposure B	Yes	"B"	Severe	36"	Slight to Moderate	1° F	Yes	Varies	532	50.5° F

* Rocky Mountain Metropolitan Airport area between Simms St. and Wadsworth Blvd. and north of 108th Ave. shall be 120 mph Exposure C

** Refer to table R301.2.1.3 for conversion to ultimate wind speed

R301.2.3 Ground Snow Loads & Roof Snow Loads. Add the following:

**SNOW LOAD TABLE
Minimum Roof and Ground Snow Load 30 PSF**

TABLE R301.2.3

Elevation	Ground Snow Load (p.s.f.)	Roof Snow Load (p.s.f.)	Elevation	Ground Snow Load (p.s.f.)	Roof Snow Load (p.s.f.)
<6,500	43	30	8,000	82	57
6,500	43	30	8,125	86	60
6,625	46	32	8,250	89	62
6,750	49	34	8,375	93	65
6,875	51	36	8,500	97	68
7,000	54	38	8,625	102	71
7,125	57	40	8,750	106	74
7,250	60	42	8,875	109	76
7,375	64	45	10,000	152	106
7,500	67	47	10,125	156	109
7,625	70*	49	10,250	162	113
7,750	74	52	10,275	167	117
7,875	77	54	10,500	172	120

*R 301.2.3 Buildings and/or structures located in regions with ground snow loads exceeding 70 p.s.f. **shall** be designed in accordance with accepted engineering practice by a licensed design professional.