

## City of Sparks:

GROUND SNOW LOAD	WIND SPEED (MPH)	SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM				WINTER DESIGN TEMP	ICE SHIELD UNDER-LAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
			Weathering	Frost Line Depth	Termite	Decay					
SEE IBC Table 1608.2.1	100	D2	Severe	24"	Moderate To Heavy	None to Slight	7° F	None Required	See SMC 15.11	594	49.4° F

**Table 1608.2.1 Ground Snow Loads  $p_g$  For Northern Nevada Locations.**

Add Table 1608.2.1 to section 1608.2.

**Table 1608.2.1**

**GROUND SNOW LOADS  $p_g$ , FOR NORTHERN NEVADA LOCATIONS.**

Elevation In Feet	WEST of U.S. Hwy 395 Sierra slope	EAST of U.S. Hwy 395	Lyon County	Storey County	All Nevada Counties Lake Tahoe Basin
	Carson, Douglas, Washoe, Reno	Carson, Douglas, Washoe Counties, Reno & Sparks			
	$p_g$ (Pounds Per Square Foot)	$p_g$ (Pounds Per Square foot)	$p_g$ (Pounds Per Square foot)	$p_g$ (Pounds Per Square foot)	$p_g$ (Pounds Per Square foot)
4500	30	30	10	10	
5000	30	30	30	10	
5100	41	31	31	10	
5200	52	33	33	10	
5300	64	34	34	10	
5400	75	35	35	10	
5500	86	37	37	50	
6000	142	43	43	70	220
6500	171	43	43	90	235
7000	200	57	57	90	250
7500	215	57	57	90	265
8000	229	86	86	90	280
8500	243	86	86	90	295
9000	271	114	114	114	330
9500	300	142	142	142	390
10000	357	142	142	142	420

1. Drift load design in the 30-psf zones may utilize ASCE 7 -05 table C7-1 ground snow values.
2. The final roof design loads shall not be less than 20 psf after all reductions are factored, except for Lyon County.
3. Intermediate values may be interpolated by proportion.