

### Understanding Snow & Wind Loads

Snow and wind loads are critical factors when engineering an open-air steel structure. Snow load accounts for the downward weight of accumulated snow and ice on the roof, while wind load includes lateral and uplift forces that can stress the frame and foundations. Properly designing for these environmental forces ensures structural stability, prevents failure, and meets building code requirements. Accounting for both loads protects occupants and ensures long-term durability.



Snow Load	Wind Load	Zip Code	USA City
30	115	16870	Port Matilda, PA
35	115	10901	Montebello, NY
40	115	18040	Easton, PA
45	115	59013	Boyd, MT
50	115	49409	Ferrysburg, MI
55	115	59052	McLeod, MT
60	115	49405	Custer, MI
65	115	03868	Rochester, NH
70	115	59061	NYE, MT
75	115	59028	Fishtail, MT
80	115	4001	Acton, ME
85	115	83839	Kingston, ID
90	115	04009	Bridgton, ME
95	115	59071	Roscoe, MT
100	115	84068	Park City, UT
105	115	59842	Haugan, MT
110	115	83806	Bovill, ID
115	115	84036	Hideout, UT